

LED

CATALOGO OPERATIVO
OPERATIVE CATALOGUE

19





STORIA

SIDE produce apparecchi tecnici di illuminazione per applicazioni indoor e outdoor.

Gli uffici operativi e gli stabilimenti sono situati a Lissone, in provincia di Monza Brianza nel cuore pulsante della regione brianzola. Fondata nel 1982, SIDE è rapidamente diventata una delle aziende leader nel settore illuminotecnico strutturandosi con: 15.000 mq di sede, 4 unità produttive, 15 agenzie di vendita in Italia, 1 ufficio commerciale in Europa, Side Francia - Parigi.

FILOSOFIA

Professionalità, etica, flessibilità e tempi di risposta rapidi sono le qualità di SIDE.

Queste caratteristiche sono diventate i nostri principali strumenti che ci hanno contraddistinto e riconosciuto, nel settore illuminotecnico, come azienda leader.

Inoltre, SIDE opera da 37 anni nel rispetto delle dinamiche commerciali concordate con i vari clienti partner costruendo rapporti duraturi e proficui.

PRODOTTI

SIDE possiede un centro di ricerca e sviluppo che collabora con i principali produttori di sorgenti luminose per sviluppare prodotti sempre al passo coi tempi.

La nostra divisione progetti speciali, supportata dai nostri laboratori interni certificati, ci permette di proporre adeguamenti e modifiche ai prodotti esistenti per soddisfare le richieste specifiche di architetti, progettisti e lighting designers.

RETAIL

SIDE continua a collaborare a stretto contatto con lighting designers e architetti di fama internazionale, sviluppando continuamente nuove soluzioni illuminotecniche e nuovi prodotti interamente dedicati al settore del retail (core business di SIDE), infatti dispone di una delle gamme più estese di tutto il settore illuminotecnico.

HISTORY

SIDE produces technical appliances for indoor and outdoor applications.

The operative offices and the production center are situated in Lissone, in the province of Monza and Brianza, in the heart of the hard-working Brianza area. SIDE was founded in 1982 and soon became one of the leading companies in the lighting industry. SIDE is structured with an area of 15000sm for the offices and Headquarters, 4 production centers and 1 commercial office in Europe, Side France in Paris.

PHILOSOPHY

Professionalism, ethic, flexibility and fast response are Side qualities.

These qualities have become the main characteristics that distinguish us as a leading company in the lighting industry.

Moreover Side has been working for 37 years respecting the commercial dynamics agreed with the many partners and customers, creating long lasting and advantageous relationships.

PRODUCTS

Side owns a research and development center that collaborates with the main light producers in order to develop more and more up to date products.

Our special project division, supported by our internal certified laboratories, allows us to propose adaptations and changes to existing products to satisfy specific requests of architects, interior and lighting designers.

RETAIL

Side continues to collaborate very closely with internationally known designers and architects, developing continuously new lighting solutions and products totally dedicated to the retail sector (Side core business). It has in fact, one of the widest range of products of the entire lighting sector.



COMUNICAZIONE IMPORTANTE

I lumen (lm) indicati nel catalogo sono valori "tipici" dei moduli LED, pertanto potrebbero subire variazioni dovute alla continua evoluzione della tecnologia. Per dati sempre aggiornati vi invitiamo a visitarci su www.sidespa.it

IMPORTANT NOTICE

The lumen (lm) listed in the catalog are "typical" values of LED modules and may be subject to change due to the continuous evolving technology. For up-to-date informations, please visit us on www.sidespa.it



Anticorrosione per tutti gli apparecchi da esterno (1000 ore in nebbia salina secondo norma CEI EN 60068-2-11).

Anti-corrosion for all outdoor fittings (1000 hours in salt spray according to standard CEI EN 60068-2-11).

Pressofusione in alluminio EN AB 47100.

Die-cast aluminium EN AB 47100.



Un sistema di gestione è un insieme di regole e di procedure, definito in una norma riconosciuta a livello internazionale, che un'organizzazione può applicare allo scopo di raggiungere obiettivi definiti quali, ad esempio, la soddisfazione del cliente ed il miglioramento continuo delle prestazioni. La certificazione dei sistemi di gestione è il riconoscimento delle capacità imprenditoriali di un'azienda che ha saputo ottimizzare la propria organizzazione dotandosi di una gestione efficiente, di strutture idonee e di competenze adeguate, ma è anche una garanzia di affidabilità per clienti, fornitori, dipendenti e collaboratori, tanto più valida tanto più è prestigioso l'ente che ha rilasciato la certificazione. CSQ è un marchio che identifica la conformità del Sistema di Gestione per la Qualità di un'organizzazione alle prescrizioni della normativa UNI EN ISO 9001:2000.

A management system is a set of rules and procedures, defined by an internationally recognized standard that a company may apply in order to reach defined objectives like, for example, the customer satisfaction and the continuous improvement of its performances. The management systems certification is the recognition of the entrepreneurial skills of a company that has been able to optimize its organization with an efficient management, suitable facilities and appropriate competences. It is also a reliability guarantee for the customers, the suppliers, the employees and the collaborators and of course its recognition depends on how prestigious the Entity that issues it, is. CSQ is a brand that identifies the conformity of the Management System for the Quality of an organization to the prescriptions of the UNI EN ISO 9001:2000 standard.



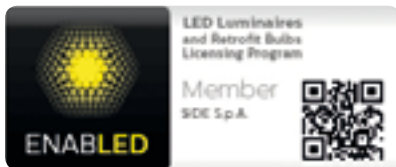
IQNet è il più grande network mondiale di organismi di certificazione operanti nel campo della certificazione dei sistemi di gestione per la qualità, ambiente, sicurezza e responsabilità sociale. Fondato nel 1990, vi aderiscono attualmente 38 organismi di certificazione operanti in più di 150 paesi con più di 350.000 certificati emessi in tutto il mondo. Lo scopo sociale di IQNet si sintetizza nel contribuire all'affermazione internazionale dei suoi membri che devono essere i leader nel mondo in termini di reputazione, credibilità e capacità di fornire servizi certificativi in ogni parte del globo. ICIM grazie a IQNet è in grado di garantire una certificazione con riconoscibilità in tutte le nazioni aderenti al network.

IQNet is the biggest world network of certification organizations operating in the field of the certification of the management system for the quality, the environment, the safety and the social responsibility. It was founded in 1990 and is composed of 38 certification organizations operating in more than 150 countries, with more than 350,000 certifications issued all over the world. IQNet social aim is to contribute to the international diffusion of its members that are world leaders as for reputation, credibility and capacity of giving certification services all over the world. ICIM, thanks to IQNet, is able to guarantee a certification recognizable in all nations adhering to the network.



Le esportazioni dei beni verso la Russia, Kazakistan, Bielorussia, i paesi che nel 2010 si sono costituiti nella cosiddetta Unione Doganale Eurasiatica, devono rispondere ai requisiti dei nuovi Regolamenti tecnici, che definiscono gli standard di sicurezza dei prodotti per ottenere la certificazione EAC (Eurasian Certification).

The exports of products to Russia, Kazakistan, Bielorussia, countries that in 2010 constituted the so called Eurasian Customs Union, must meet the requirements of the new technical Regulations, that define the products safety standards to get EAC certification (Eurasian Certification).



Marchio che attesta l'adesione al programma di licenza Philips (Philips LED Luminaires and Retrofit Bulbs Licensing Program) e la possibilità di SIDE di utilizzare i brevetti Philips nell'ambito dell'illuminazione LED.

Brand that certifies the adhesion to Philips license program (Philips LED Luminaires and Retrofit Bulbs Licensing Program) and SIDE possibility to use Philips patents in the field of the LED lighting.



Laboratorio per prove IP (Ingress Protection) Camera climatizzata per prove termiche di esercizio degli apparecchi e prove di durata.

Test Lab IP (Ingress Protection) Heating Chamber to test the exercise temperature and the duration of the equipment.

Apparecchiatura per prove IK (Grado di protezione delle custodie contro i danni meccanici).

Equipment for IK testing. (Case protection degree against mechanical damages).



Su articoli selezionati disponibili per il mercato canadese e USA.

On selected items available for Canadian and Us market.



CERTIFICATO DI ORIGINE

La società SIDE S.p.A. - Via C. Cattaneo 90 - Lissone (MB) dichiara sotto la propria responsabilità che tutta la propria gamma di apparecchi di illuminazione ed accessori sono sviluppati e prodotti nel proprio stabilimento di Lissone (MB)- Italy

The company SIDE S.p.A. - Via C. Cattaneo 90 - Lissone (MB) declares under his owner responsibility that its entire range of lighting fixtures and accessories are developed and produced at its plant in Lissone (MB)- Italy



SIDE S.p.a. - Via C. Cattaneo, 90 - 20851 LISSONE (MB) - Italy - Tel. 039 2449001 r.a. - Fax 039 2459338 - Sede legale 20050 Triuggio (MB) - Via Kennedy 1/A - Cap. Soc. int. Vers. 3.000.000 - Reg. Soc. Trib. di Monza n. 22645 - C.C.I.A.A. n. 1102034



Lighting Made in Italy

WWW.SIDESPA.IT



COMUNICAZIONE IMPORTANTE

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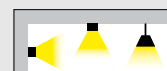




INCASSI PER CONTROSOFFITTI • RECESSED FOR FALSE-CEILINGS



BINARI • TRACKS



PARETE - PLAFONE - SOSPENSIONI • WALL - CEILING - SUSPENSIONS



FOODLIGHTING



INCASSI PER CONTROSOFFITTI O PER FALSE PARETI • RECESSED FALSE WALL-CEILING



INCASSI DA INTERRARE • INGROUND



APPARECCHI PER IMMERSIONE • UNDERWATER



INCASSI PER PARETI SOLIDE • PATH



PROIETTORI • PROJECTORS



PARETE - PLAFONE - SOSPENSIONI • WALL - CEILING - SUSPENSIONS



PALI • POSTS



BORDER



INTERNI • INTERNAL



pag. 46



46
eTable



pag. 49 INCASSI PER CONTROSOFFITTI • RECESSED FOR FALSE-CEILINGS

50 SHELF LED T-Q	51 SHELF LED T-Q COB	53 ZIK	55 HOOP	56 DOT TONDO 20-30-45	59 DOT QUADRO 20-30	61 BBTT	63 JOCKER COB JOCKER 3 LED JOCKER EMME	69 JOLLY
71 CO-LIGHT MINI/ EMME	75 CONFORT LED	77 SWING 10-13	81 SWING 13 LOW	83 NET 13-15-18 BLOCK/PLUS	88 NET 15-18 NEW BASIC	89 STEP 15-18	93 NET MCL/PLUS	95 NET MCL ORIENTABILE/ PLUS
97 NET ASYMMETRIC MCL/PLUS	99 NET FLAT MCL/PLUS	101 NET SC XS-XL	103 FOCUS XS-XL	107 TWIST	109 BIG INCASSO	113 BEND XS ESTRAIBILE ORIENTABILE	115 BEND XS ESTRAIBILE ORIENTABILE FLANGIA Q	117 BEND XS ESTRAIBILE ORIENTABILE FLANGIA R
119 SPRINT MINI	121 TOR 15-18 MCL ORIENTABILE	125 TRAIL INCASSO	126 SINDI 60-100-140	131 QUICK	133 MATRIX MICRO COB	133 MATRIX MICRO 3 LED	135 MATRIX MICRO EMME	137 MATRIX MICRO XS-XL
138 MATRIX MINI/ EMME	145 MATRIX	147 MATRIX SC	148 MATRIX MCL/ PLUS	151 L18	153 RANDY 2	155 DOMINO BASIC	157 DOMINO SC	



pag. **159** BINARI • TRACKS



160
BEND BASIC
XS-M-XL



165
BEND MINI
SLIM



166
BEND SLIM
XS-M-XL



171
BEND XS ECO



173
BEND
XS-M-XL



179
SHORT
XS-M



183
SIRIUS MCL/
PLUS



185
LUXOR XS



186
LUXOR XL/
PLUS



189
LENS



191
BIG BINARIO
270-360



193
VEGA XS-XL
BINARIO



194
SOLARIS MINI
MCL BINARIO



195
SOLARIS MCL
BINARIO



197
MAGNET SYSTEM



208
SITRACK 230V



212
SITRACK DALI





pag. 217 PARETE - PLAFONE - SOSPENSIONE • WALL - CEILING - SUSPENSION

219 Q1	219 Q2	219 Q3	221 Q5	221 Q6	223 INCAVO	225 WALL	227 CUBICO	229 VEGA XS-XL PARETE
231 SOLARIS MINI MCL	233 SOLARIS MCL	235 SINDI 60-100 PLAFONE	239 MATRIX RANGE	240 LED JOINT	241 LED FLEX	243 BEND MICRO	245 BEND MINI	246 SD4
250 CUBIK	253 QUADRANT	254 BIG PLAFONE	261 BIG FLAT PLAFONE	264 DROP	272 SWING PLAFONE 10-13	274 NET RANGE MCL	276 NET RANGE 15 MCL	278 NET RANGE 18 MCL
282 CEILING DECO /MCL	284 MINI TOWER MCL	287 AURORA XS	289 AURORA XL	291 SD-HIGHBAY	292 BIG SOSPENSIONE	301 BIG FLAT SOSPENSIONE	304 STARGATE	310 STARGATE 2000/3000
313 TAPE	319 SLIM LED	321 ELISEO PARETE	322 ELISEO SOSPENSIONE	324 LINEA	327 TRAIL PLAFONE	331 TRAIL SOSPENSIONE	335 MICRO LINEAR SYSTEM	343 LINEAR SYSTEM INCASSO
343 LINEAR SYSTEM PARETE/PLAFONE	345 LINEAR SYSTEM SOSPENSIONE	347 LIGHT CUT	352 STRIP LED SMD 1-2-3	354 STRIP LED SMD 1-2-3 IP 65				



pag. 357 FOODLIGHTING

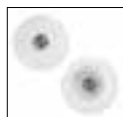
359 NET 15 BLOCK FOOD	359 NET 18 BLOCK FOOD PLUS	360 NET 15 MCL FOOD PLUS	361 NET 18 MCL FOOD PLUS	362 NET MCL FOOD PLUS	363 NET MCL ORIENTABILE FOOD PLUS	365 NET FLAT MCL FOOD PLUS	367 TOR 15 MCL ORIENTABILE FOOD	369 MATRIX MCL FOOD PLUS
370 BEND SLIM XS-M-XL FOOD	373 BEND XS-M-XL FOOD	376 SIRIUS MCL FOOD PLUS	377 LUXOR XL FOOD PLUS	379 UFO 2 MCL FOOD	380 MINI TOWER MCL FOOD	383 AURORA XS FOOD	385 AURORA XL FOOD PLUS	388 LINEA



pag. **391** INCASSI PER CONTROSOFFITTI O PER FALSE PARETI • RECESSED FOR FALSE WALL-CEILING



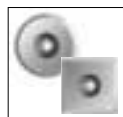
393
EYES BASIC
CORRIMANO



395
SPARK
STAR



396
EYES PRO



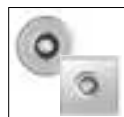
397
EYES PRO M



399
EYES BASIC A



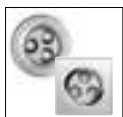
401
EYES BASIC B/
PLUS



405
EYES A-1



407
EYES B-1/COB



409
EYES B-3



411
EYES WALL
FLAT/COB



413
EYES A-9



415
EYES C



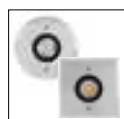
417
EYES
ORIENTABILE



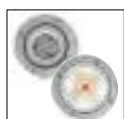
418
CIELO 3 LED



419
CIELO COB



420
OLODUM
MICRO C/COB



422
OLODUM
MINI C/COB



425
OLODUM
MIDI C COB



427
OLODUM
STANDARD
C COB



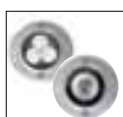
429
OLODUM
STANDARD
PROOF C COB



pag. **431** INCASSI DA INTERRARE • INGROUND



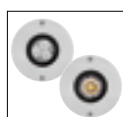
433
EYES GROUND
IP68/COB



434
CIELO FLOOR/
COB



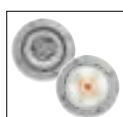
437
OLODUM
MICRO TONDO/
COB



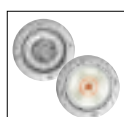
439
OLODUM FLAT
MICRO TONDO/
COB



441
OLODUM
MICRO QUADRO/
COB



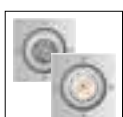
442
OLODUM MINI
TONDO/COB



445
OLODUM FLAT
MINI TONDO/
COB



448
OLODUM
MINI QUADRO/
COB



450
OLODUM FLAT
MINI QUADRO/
COB



452
OLODUM
MIDI TONDO/
COB



453
OLODUM FLAT
MIDI TONDO/
COB



455
OLODUM FLAT
MIDI QUADRO/
COB



457
OLODUM
STANDARD
TONDO/COB



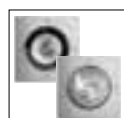
459
OLODUM FLAT
STANDARD
TONDO/COB



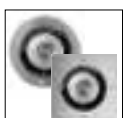
461
OLODUM
STANDARD
PROOF COB
TONDO



462
OLODUM
STANDARD
QUADRO



463
OLODUM
STANDARD
PROOF COB
QUADRO



464
OLODUM
MAXI COB



467
OLODUM MINI
FULL GLASS/
COB



469
OLODUM MIDI
FULL GLASS



471
EYES COVER



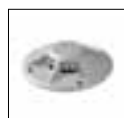
472
OLODUM
MICRO COVER



472
OLODUM
MICRO PASS



473
OLODUM MICRO
COVER AL



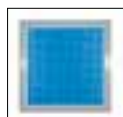
475
OLODUM MINI
COVER AL



477
OLODUM
STANDARD
COVER



478
LI-LED



479
TI-LED



481
MINI LONGLIGHT



483
LONGLIGHT



485
LONGLIGHT SMD



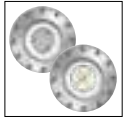
487
LONGLIGHT
ECO



489
LONGLIGHT ECO
ASIMMETRICO



pag. **491** APPARECCHI PER IMMERSIONE • UNDERWATER



493
SUBWATER 140/
COB



495
SUBWATER 175



497
MINI SUB
COLOR TKT
IN RGBW



499
PAR 56 TKF
POWER



500
MINI TKF
M4-37W



501
MINI SUB TKF



502
PAR 56 COLOR
TKT RGBW
POWER



503
PAR 56 COLOR
TKT RGBW
PLUS



504
MINI COLOR
TKT RGBW



505
MINI SUB
COLOR TKT
RGBW



506
SUBMARINER
140



507
SUBMARINER
175



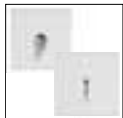
509
SUBMARINER
240



pag. **511** INCASSI PER PARETI SOLIDE • PATH



512
SMALL-BLADE
ROUND



513
SMALL-BLADE
SQUARE



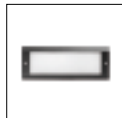
515
SMALL-BLADE
SQUARE LONG



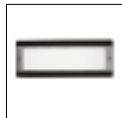
517
JOGGER



519
RIQUADRO



520
MINGREEN



521
GREEN



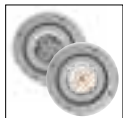
525
RIQUADRO
MICRO LED



526
NEW GREEN
XS-M-XL



531
RING



533
OLODUM MINI
PARETE/COB



pag. **535** PROIETTORI • PROJECTORS



537
SPOT INOX



538
SPOT 1



539
SPOT 4



541
SPOT 7
SPOT MCL



543
MICRO REEF
MCL



544
MINI REEF/
MCL



547
REEF MCL
REEF RGB



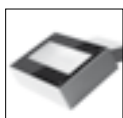
548
AZIMUTH



551
SD-HIGHBAY



552
SOLARIS
MINI MCL



553
SOLARIS MCL



555
DUNE



557
LI-LED ST



558
MINI
LONGLIGHT ST



559
LONGLIGHT ST



561
LONGLIGHT
WALL



562
LONGLIGHT
ECO ST



563
LONGLIGHT
ECO WALL



565
NEW ACTIVA



567
FIN



569
MICRO LEDLINE
TONDO



571
MINI LEDLINE
TONDO



pag. **573** PARETE - PLAFONE - SOSPENSIONE • WALL - CEILING - SUSPENSION



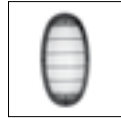
575
NEW QUARTO
DI SFERA



577
MOON



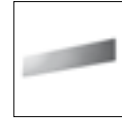
578
CERKIO XS-XL



581
FENIX



583
SOLID



585
Q4



587
SD1



587
SD2



588
MINI TONDO
MONO/DOUBLE



590
MINI QUADRO
MONO/DOUBLE



593
ELLE PARETE
XS-XL



595
MINI MISTRAL
LED



597
MISTRAL LED



598
MONOLIGHT
105/EMME



601
MONOLIGHT
140



603
MONOLIGHT
175



605
DOUBLELIGHT
105



606
DOUBLELIGHT
140



607
DOUBLELIGHT
175



609
QUADRO
MONO MCL
/PLUS



610
QUADRO
MONO/EMME



613
QUADRO
DOUBLE/EMME



616
NEOS T-Q



621
SD3



622
MICRO
VARIANT



623
MINI VARIANT



625
QUADERS



626
APPLY MINI



627
APPLY 1-2



628
QUADRO
CEILING/EMME



630
CEILING
105/EMME



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CEILING
140



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CEILING
175



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CEILING S
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TECNOLOGIA LED

L'acronimo LED sta per light emitting diode, diodo ad emissione luminosa; si tratta di un diodo a giunzione, cioè un accoppiamento di due semiconduttori, che nel processo di ricombinazione elettrone – lacuna emette fotoni, cioè radiazione luminosa.

La lunghezza d'onda di questi fotoni dipende dal materiale semiconduttore utilizzato, dalla differente lunghezza d'onda dipende il colore dell'emissione luminosa.

La caratteristica del semiconduttore permette di raddrizzare la corrente di passaggio e indirizzarlo in una sola direzione.

LED TECHNOLOGY

The acronym LED indicates "light emitting diodes; this is a junction diode, ie a pairing of two semiconductors, which in the recombination process "electron – hole" emits photons, ie light radiation.

The recombination is the movement of positive charge towards the region joining and vice versa, with subsequent transition of electrons.

The wavelength of these photons depends on the used semiconducting material, and the different wavelengths creates the color of the light.

The characteristic of the semiconductor can straighten the current and address it in one direction only.



CARATTERISTICHE FOTOMETRICHE**ANGOLO DI EMISSIONE DEL LED**

Il LED è una fonte di luce omnidirezionale quindi con emissione di tipo lambertiano.

In fase di montaggio viene inserita una lente o riflettore per convogliare la luce.

Si ottiene così un angolo di emissione variabile a secondo del costruttore da 10° ÷ 120° .

È importante inserire in funzione dell'applicazione sul prodotto finito, lenti secondarie, solitamente realizzate in materiale termoplastico.

In tal modo si consente una migliore efficienza dell'ottica dell'apparecchio recuperando e convogliando tutta la luce non emessa sull'asse verticale.

Esistono e vengono ampiamente utilizzate sui prodotti SIDE lenti con angolo di emissione da 6° fino a 100° .

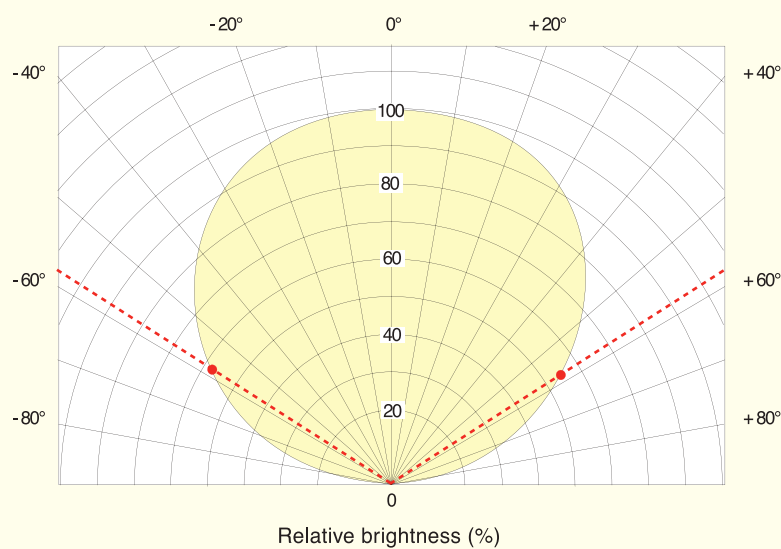
PHOTOMETRICAL CHARACTERISTICS**LED EMISSION ANGLE**

The LED is an omni directional light source so it is a lambertian type, typically 10° ÷ 120° .

A lens or reflector is required to direct the light.

The "optical" unit recovering and conveying most of the light not emitted on the vertical axis.

A beam angle from 6° to 100° can be achieved on SIDE products by using secondary lenses, usually made of thermoplastic.



TIPI DI LED

LED COB: Chip On Board - il diodo è incollato direttamente sulla superficie del circuito e la connessione elettrica è realizzata con fili di bonding; la luce è diffusa da una copertura del diodo più o meno pronunciata.

LED di Potenza o a corrente Costante:

Il LED è generalmente inserito in una struttura "package" costituita da termoplastico o ultimamente da supporto ceramico (dimensioni da un minimo di 3x3 mm) a sua volta collegato di norma ad un riflettore.

La connessione elettrica di anodo e catodo è realizzata con fili di bonding. Viene aggiunta una parte isolata elettricamente per la dissipazione del calore.

Il diodo viene alimentato in corrente costante con valori decisamente più elevati rispetto al diodo smd a partire da 250mA.

LED SMD: Surface Mounted Devices - sono generalmente diodi con correnti di alimentazione limitate a 50mA e realizzati per segnalazione con prestazioni di circa 20lm/W Max. Il diodo è inserito in una piastra conduttrice e messo in contatto con il circuito attraverso con bagno di saldatura.

TYPES OF LEDS

LED COB: Chip On Board - the diode is glued directly onto the surface of the circuit and the electrical connection is made with wire bonding, the light is emitted from the diode cover (wich can be more or less big).

Power LED: The LED is usually inserted into a structure "package" consisting of thermoplastic or most recently by ceramic support (from a minimum size of 3x3 mm) normally connected to a reflector.

The electrical connection of the anode and cathode is made of wire bonding. This is added to an isolated part for heat dissipation. The diode is fed with constant current values substantially higher than the smd diode from 250mA.

LED SMD: Surface Mounted Devices - diodes are generally supply by current limited to 50mA and built for performance reporting about 20lm/W Max. The diode is inserted in a conductive plate that is glued to the surface of the circuit.



APPLICAZIONI LIGHTING

Dalla sua prima applicazione industriale sono passati quasi 50 anni; questi dispositivi hanno trovato impiego in diversi settori dell' elettronica consumer-professionale. Solo recentemente con lo sviluppo del processo di produzione si sono potuti impiegare con successo nel settore illuminotecnico, con prestazioni ed efficienze sempre maggiori; infatti nel settore lighting hanno trovato applicazione dapprima nella segnalazione di aree esterne/interne (decorativi, marker light). Successivamente si sono rese possibili applicazioni in progetti di illuminotecnica di qualità con l'introduzione di power LED e il progressivo innalzamento da un lato dell'efficienza, dall' altro della resa cromatica. Per il lighting è determinante la continuità di prestazione per il bianco in termini di temp. di colore (limitata variazione cromatica nel tempo) e di emissione. Attualmente vengono realizzati dispositivi con efficienze luminose di 150lm/W. Se comparati con fonti di luce tradizionali abbiamo i seguenti valori:
 Incandescenza: 20lm/W
 Alogena: 25lm/W
 Questi dati evidenziano l'elevatissima efficienza delle fonti a Led nel trasformare la corrente elettrica in luce, con conseguente bassissimo consumo in rapporto alla luce emessa. Se pensiamo che tecnologie estremamente sofisticate di processo nella deposizione degli strati di fosfori (riduzione spessori ed ottimizzazione della quantità utilizzata quali TFFC, Lumiramics, PRC phosfor remote coating), si sono finora rilevate vincenti per il raggiungimento del target di applicazione del LED, possiamo dire che i moduli Led saranno il futuro sostituto di tutte le tipologie di lampadine tradizionali. Inoltre, bisogna tenere conto della continua ricerca dei principali costruttori, spinti anche da esigenze di altri settori trainanti (automotive, street lighting), ad ottenere valori di flussi sempre maggiori; i reparti R&D stanno già sperimentando single die da 160/200lm/W.

LIGHTING APPLICATION

Since its first industrial application 50 years has been nearly passed, these devices have found use in several areas of the consumer / professional electronics. Only recently with the development of the production process they could have been used successfully in the lighting sector, with increasing performance and efficiency; in the lighting industry they have been applied first in signaling areas outside / inside (decorative, marker light). Afterwards it has been possible new applications in lighting quality projects with the introduction of power LEDs and the gradual increase from one side of efficiency and from the other of color rendering. For a good lighting is crucial the continuity of provision for white in terms of color temperature (limited color change) and emission. Currently devices are made with efficiency of 150lm/W. If compared with conventional light sources we have the following values:
 Incandecent 20lm/W
 Halogen 25lm/W
 These data highlight the high efficiency of LED sources in transforming electricity into light, the result is a very low consumption relative to the light emitted. If we think that highly sophisticated technologies in the process of deposition of phosphors layers (thickness reduction and optimization of the amount used as TFFC, Lumiramics, PRC Phosfor remote coating) have so far found successful to achieve the target of application of LED, we can say that LED modules will be the future replacement of all types of bulbs. You should also consider of the ongoing research of the leading manufacturers, driven also by the needs of other leading sectors (automotive, street lighting), to obtain values of output increasing, the R&D departments are already experimenting single die of 160/200lm/W.

COLLEGAMENTO SERIE/PARALLELO

Abbiamo visto che i LED necessitano di essere pilotati con correnti costanti se specificate dal costruttore. Con il collegamento in serie avremo su tutti i LED collegati al driver la stessa corrente di funzionamento.

Al contrario i LED collegati in parallelo funzioneranno tutti alla tensione del LED caratterizzato con la Vf più bassa.

Come già accennato i LED hanno una variabilità di tensione tra 3,3 fino a 3,9V a 350mA, suddivisi in almeno 5 categorie e consegnati in rotte di singola selezione.

I gruppi di LED hanno quindi una variabilità di tensione di circa 24mV.

Con una differenza dell'ordine della decina di mV avremo una differenza di corrente dell'ordine dei centinaia di mA, come si può notare dalle curve dei data sheet in figura. A diverse correnti di alimentazione corrispondono anche diversi livelli di luminosità emessa.

Differenze marcate di corrente di alimentazione, nel caso di collegamenti in parallelo, hanno quindi come conseguenza livelli di luminosità molto diversi nelle due catenarie e comportano il rischio superare i valori massimi consentiti come correnti di pilotaggio, con conseguente degrado precoce dei LED; questo a meno di avere LED esattamente identici per valore di tensione applicabile Vf.

CONNECTION IN SERIES OR PARALLEL

We have seen that LEDs need to be driven with constant current if specified by the manufacturer. With the series connection we will have on all LEDs connected to the driver, the same operating current. On the contrary the LEDs connected in parallel will work all at the same voltage of the LED characterized with lower Vf.

As already mentioned, the LEDs have a voltage variation between 3.3 to 3.9V at 350mA, divided into at least 5 categories and delivered rolls single selection.

The groups of LED have a variation of voltage of about 24mV.

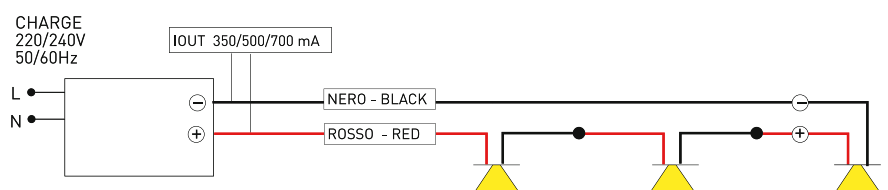
With a difference such as of tens of mV we might have a difference of current of hundreds of mA, as can be seen from the data sheet curves in the figure. A different pattern of power are also different levels of light emitted.

Marked differences of power supplies, in case of parallel connection, have like consequence very different levels of brightness.

There is a risk than the maximum allowed as driving currents, resulting in premature degradation of the LEDs, unless this have LED to exactly the same applied voltage Vf.

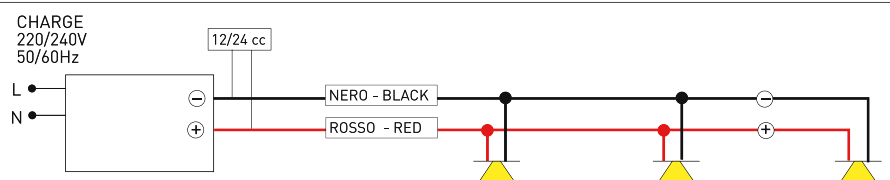
POWER LED - POWER LED Schema di collegamento in serie Series connecting layout

Min. 2 Max 20LED in funzione della potenza dell'alimentatore scelto
Min.2 Max 20 Led according to the power of the selected driver



LED DI LUMINANZA - LUMINANCE DIODES Schema di collegamento in parallelo Parallel connecting layout

Num. MAX di moduli in funzione della potenza dell'alimentatore scelto
Maximum numbers of led modules according to the power of the selected driver



RESA CROMATICA DEL LED (CRI)

Tipicamente il LED bianco ha resa cromatica Color Rendering Index (CRI) nell'intorno di 75-85 su una scala 0-100; nelle applicazioni outdoor e in genere dove è richiesta una maggior quantità di luce emessa queste sono le selezioni utilizzate negli apparecchi di illuminazione.

Nelle applicazioni dove vi è necessità di creare luce d'accento, troviamo oggi nel mercato, LED con resa cromatica oltre 95. I flussi sono però ridotti nei confronti dei rispettivi diodi con bassa resa cromatica.

I progettisti di apparecchi di illuminazione hanno così la possibilità di utilizzare i LED per illuminare e valorizzare oggetti per i quali è imprescindibile una fedele riproduzione dei colori.

LED COLOR RENDERING (CRI)

75-85 CRI: used in outdoor applications and generally where a greater amount of light is required
95 CRI: used in accent lighting.

The designers of lighting fixtures have the opportunity to use LED to illuminate and enhance properties for which it is essential to have a faithful colour reproduction, sacrificing slightly the amount of light.



COLORE BIANCO DEL LED (K)

Per ottenere dai diodi luce Bianca (composizione di radiazioni di colori diverse) si estende la lunghezza di radiazione di un LED ad esempio di colore BLU.

La conversione si può ottenere con un deposito di fosfori sul semiconduttore con radiazione Blu; l'emissione di blu e giallo dei fosfori è percepito come luce BIANCA.

Si può ottenere altresì con la miscela di radiazioni di 3 o più LED di colori differenti qualsiasi gradazione cromatica compresa quella bianca (sistema RGB).

La luce bianca ottenuta con un dispositivo che miscela la luce colorata permette di generare abbastanza facilmente tutta la gamma di colori nello spettro visibile.

Per contro il bianco avrà scarsa resa cromatica.

Recentemente alcuni moduli sfruttano la possibilità di ottenere tonalità differenti con una miscela di array di LED; la luce bianca ha così tonalità variabile e resa cromatica più elevata.

TAVOLA NORMATA CIE1931 (CURVA DI PLANCK)

Per meglio comprendere facciamo riferimento alla tavola normata CIE 1931.

È la rappresentazione grafica di tutte le tinte visibili dall'occhio umano a prescindere dalla luminanza e determinate a partire da tre colori primari.

Il contorno riporta su asse X,Y il colore puro nelle diverse lunghezze d'onda, all'interno di questo sono rappresentati i colori reali mentre la parte centrale identifica la zona acromatica. La BBL (black body locus) è la curva sulla quale possiamo identificare le diverse tonalità della luce bianca da 2700K (caldo) a 10000K (freddissimo). I costruttori selezionano la produzione del diodo di colore bianco in base alle coordinate cromatiche rilevate nel processo di lavorazione.

Le forniture sono definite sui cosiddetti Bin aree limitate del diagramma cromatico nei dintorni della BBL. Ultimamente alcuni costruttori si sono adeguati alla normativa ANSI riducendo le zone di selezione e fornendo dispositivi selezionati all'interno di 3/5 ellissi di Mc Adam (cioè selezioni omogenee dal punto di vista percettivo o meglio con differenze di temperatura di colore indistinguibili senza l'utilizzo di strumenti di misura).

WHITE COLOUR OF THE LED (K)

To obtain the white light from the diodes (composition of radiation of different colors) we have to extend the length of radiation of the LED, for example a blue colour.

The conversion can be achieved with a deposit of phosphors on blue semiconductor radiation; the emission of yellow and blue phosphors is perceived as white light.

You can also obtain the mixture of radiation of 3 or more LEDs of different colors including white color (RGB).

The white light produced by a device that mixes the colored light can easily generate enough selection across the spectrum of colors in the visible spectrum.

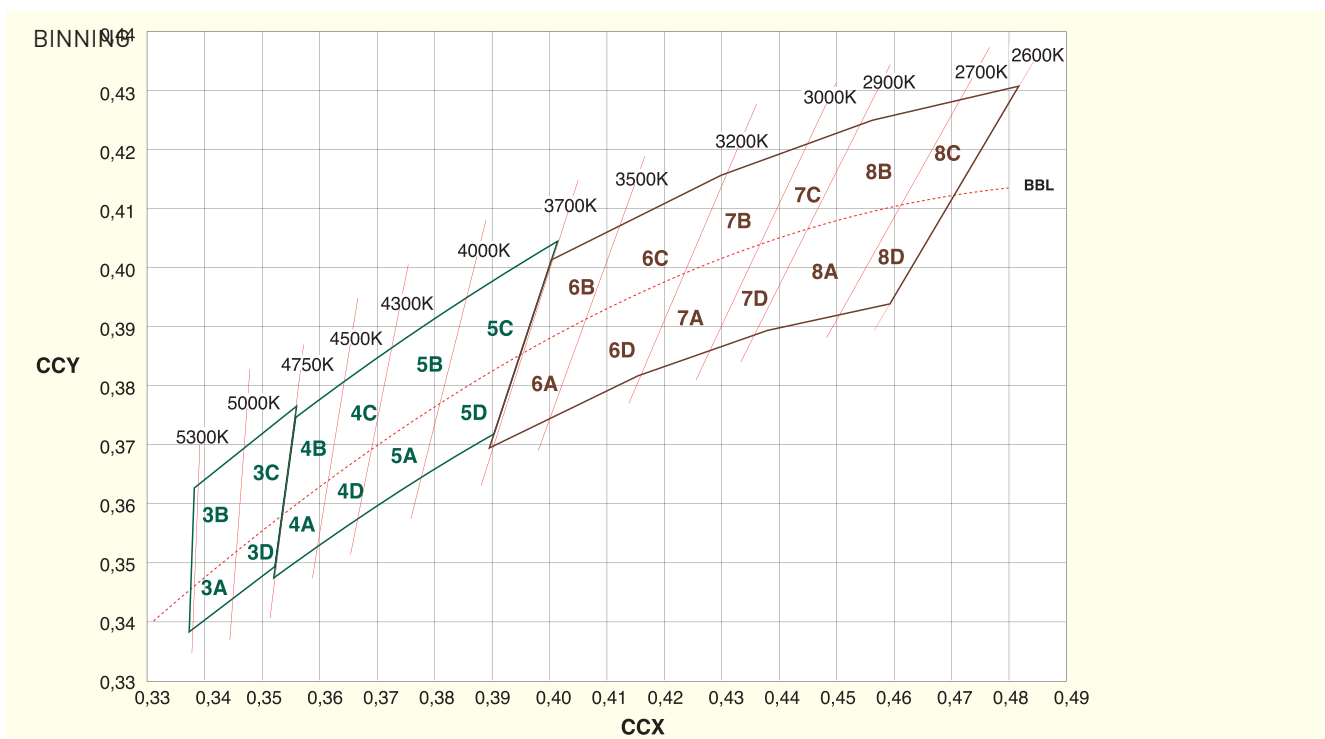
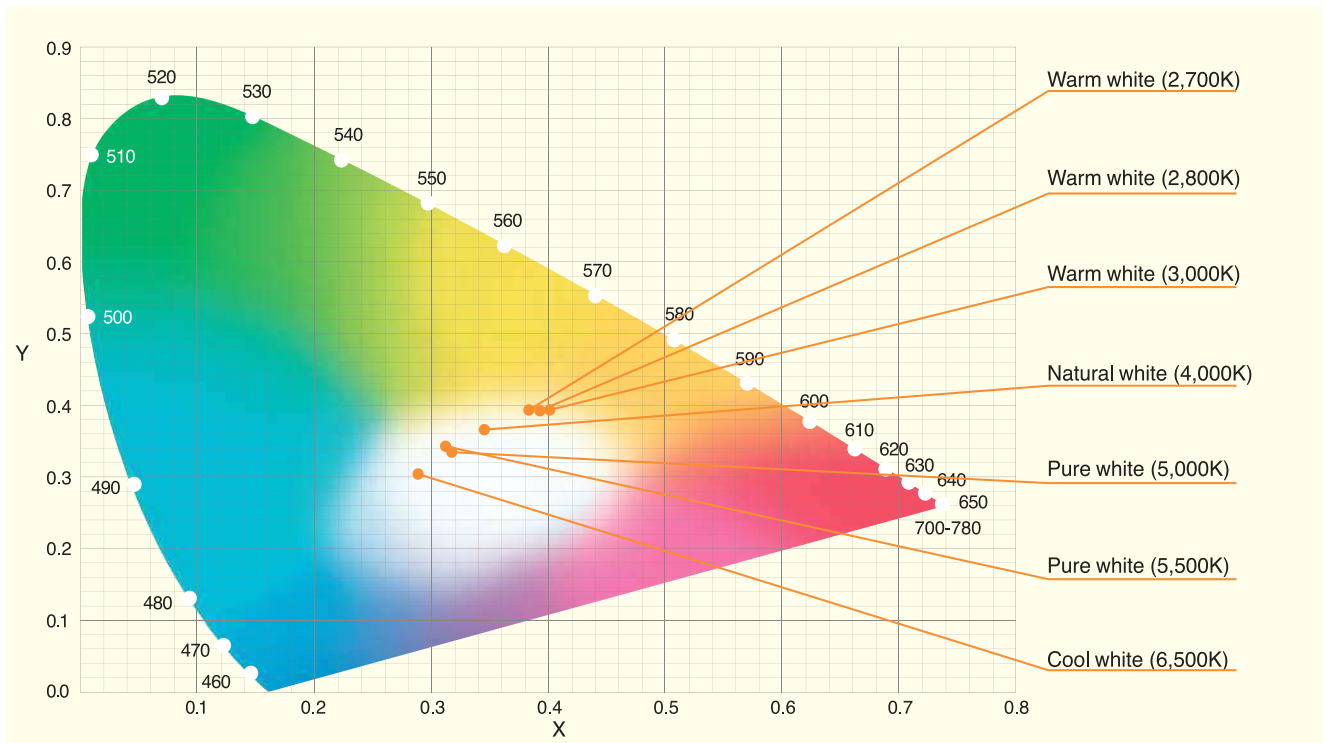
By the contrary the white colour will have poor color rendering. Recently some drivers use the possibility to obtain different shades with a mixture of arrays of LEDs, in this way the white light has variable tones and an higher color effect.

NORMATIVE TABLE CIE1931 (PLANCK'S CURVE)

To better understand we refer to the normative table CIE1931. Our perception of all colours starts from the three primary colours. On the frame of the diagram you'll find pure colours, while inside of it you'll find all possibilities without taking into account the luminance.

The outline shows on axis X/Y the pure color in different wavelengths, within it are represented true colors while the middle part identifies the achromatic area. The BBL (black body locus) is the curve on which we can identify different shades of white light from 2700K (warm) to 10000K (very cold). Manufacturers select the production of white LED based on the chromaticity coordinates measured during production process. Supplies are defined on so-called Bin, limited areas of the chromaticity diagram near the BBL. Recently some manufacturers have complied to the ANSI normative by reducing the selection areas and providing devices selected within 3/5 Mc Adam ellipses which means ie homogeneous selections in terms of perception, or rather with indistinguishable differences in color temperature without the use of measuring instruments.

TAVOLA NORMATA CIE1931 - NORMATIVE TABLE CIE1931



GAMMA COMPLETA

La gamma dei prodotti SIDE è stata pensata per assolvere alle diverse esigenze progettuali/applicative e si declina in una proposta completa che si compone di: **INCASSI FISSI, INCASSI ORIENTABILI, PROIETTORI DA BINARIO, SOSPENSIONI E PLAFONIERE** per ambiti interni ed esterni.

Il design funzionale e minimale è il tratto distintivo che ne consente il facile utilizzo sia in nuove installazioni che nell'upgrading delle esistenti. Questa ampiezza di proposta, che sfrutta sempre le stesse fonti luminose e prodotti coerenti, libera il professionista da diversi vincoli estetico-funzionali; si possono così sviluppare progetti concettualmente omogenei ed uniformi.

APPLICAZIONI

- **Retail:** la nuova gamma di prodotti SIDE con tecnologia LED COB risponde alle diverse esigenze illuminotecniche dei negozi, dalle vetrine all'illuminazione d'accento fino all'ambientale.
- **Tempo libero:** musei, gallerie, teatri, cinema, ristoranti, aree reception, saloni, bar ed altri luoghi pubblici.



Incassi
Recessed



Binario
Track



Sospensioni
Suspensions



Plafone
Ceiling

FULL RANGE

The range of SIDE'S products has been designed to meet any design requirements/applications and are available in a full proposal that is made up of:

FIXED AND ADJUSTABLE RECESSED DOWNLIGHTS, SPOTLIGHTS FOR TRACKS, SUSPENSIONS AND CEILING FITTINGS for indoor and outdoor.

The functional and minimal design is the distinctive feature that allows an easy use in either new installations and in the upgrading of existing ones.

This largeness of proposal, which always uses the same light sources and congruent products, releases the architect from various professional aesthetic and functional constraints, so you can develop projects conceptually homogeneous and uniform.

APPLICATIONS

- **Retail:** the new range of SIDE products with LED COB technology meets the different needs of lighting shops, from accent lighting to environmental windows.
- **Leisure:** museums, galleries, theaters, cinemas, restaurants, reception areas, bars, lounges and other public areas.



Net 18 New Basic



Net MCL



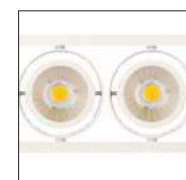
Net MCL
Orientabile



Net Flat MCL



Matrix MCL



Matrix MCL
2 optics



Bend XS



Bend M



Luxor XL



Aurora XL



Big Flat
Sospensione



Stargate



PERCHÉ SCEGLIERE I PRODOTTI SIDE CON TECNOLOGIA LED COB

Qualità della luce ed efficienza energetica:

- consistenza ed alta resa dei colori.
- bassissimo decadimento dell'emissione luminosa durante tutta la vita del prodotto.
- eccezionale efficienza reale di sistema (fino a 150lm/w).

Design funzionale:

- la modularità si traduce in facilità di applicazione.
- accoppiamento modulo e driver per garantire prestazioni e durata ottimali.
- protezione termica integrata.

Prestazioni:

- lumen costanti a prova di futuro.
- ottima distribuzione della luce.

Garanzia del sistema:

- sistema (modulo+driver+apparecchio) progettati per durare nel tempo.
- alta affidabilità e costanza di prestazioni.
- incredibile durata fino a 50.000 ore di vita.

WHY TO CHOOSE SIDE PRODUCTS WITH LED COB TECHNOLOGY

Lighting quality and energy efficiency:

- consistency and high color rendering.
- very low decay of the light output throughout the life of the product.
- excellent system efficiency (up to 150lm/w).

Functional design:

- the modularity results in ease of application.
- coupling module and the drive to ensure maximum performance and longevity.
- thermal protection.

Performance:

- lumen constant future-proof.
- excellent light distribution.

System warranty:

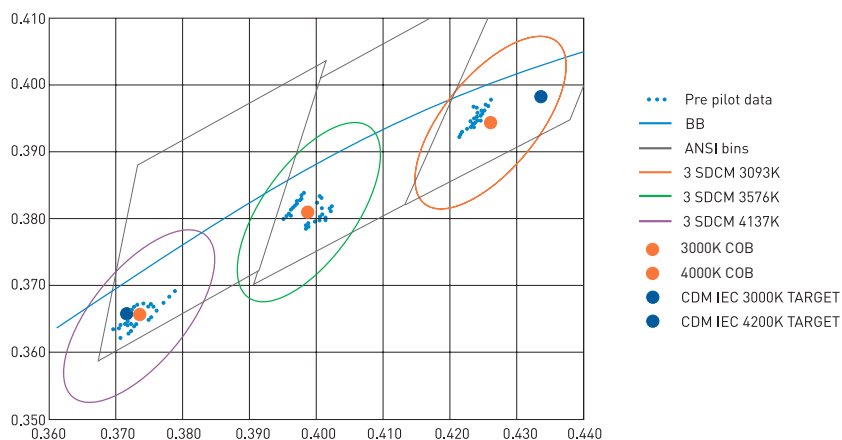
- system (module+driver+device) designed for long life.
- high reliability and consistent performance.
- incredible durability to 50,000 hours of life.

PRECISIONE DEL COLORE

L'accuratezza del colore per spot e per sistema è all'interno dei 3 SDCM e perfettamente in linea con i punti colore della MASTERColour CDM-T. Ciò significa che i moduli LED COB sono in grado di produrre la stessa frizzante e superiore luce bianca.

COLOR PRECISION

The color accuracy per spot and between system is well within 3 SDCM and perfectly aligned with the MASTERColour CDM-T color points. This means that the LED COB is able to produce the same superior crisp white light.



MANTENIMENTO LED

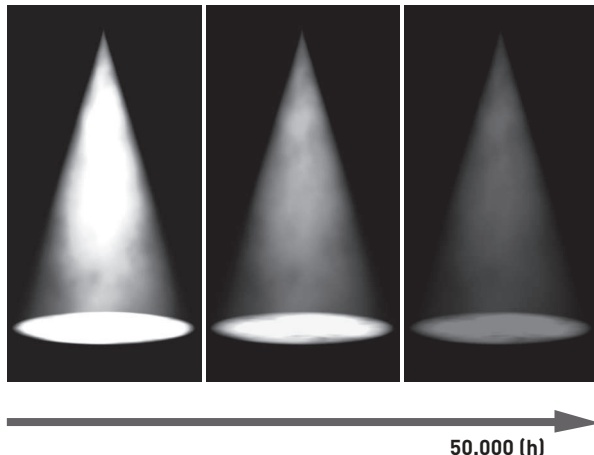
Sempre più spesso il LED viene associato a vite medie elevatissime: 25.000 – 50.000 – 70.000 ore ecc...

Questo dato però dev'essere interpretato con il mantenimento del LED. Per essere in grado di interpretarlo, sono ad oggi disponibili due valori alfanumerici: "Lxx" e "Bxx".

valore "L" definisce la percentuale di flusso luminoso del modulo LED rispetto a quello iniziale in funzione delle ore di funzionamento utili (50.000).

valore "B" definisce la quantità in percentuale di moduli LED che sono al di sotto dello specifico **valore L** ovvero che NON mantengono il flusso dichiarato.

Esempio: **50.000 (h) L90 B20** significa, che dopo le ore di funzionamento indicate, il **20%** dei moduli hanno un flusso luminoso inferiore al **90%** di quello iniziale.



LED MAINTENANCE

LED is more and more associated to very high average life: 25,000-50,000-70,000 hours etc...

To provide an appropriate measure of useful life, a level of acceptable lumen depreciation must be known.

Today we have available two alphanumeric values: "Lxx" and "Bxx".

value "L" indicates the percentage of luminous flux compared to the initial one according to the indicated operating hours (50,000).

value "B" indicates percentage of LED modules that are below the specific **L value** and don't keep the declared flux.

Example: **50,000 (h) L90 B20** means that, after the indicated operating hours, **20%** of the modules has a luminous flux inferior to **90%** of the initial one.



FLICKER-FREE



Il "**FLICKERING**" è lo sfarfallio di una lampada che anche se non percepibile dall'occhio umano crea una sensazione di instabilità visiva per l'occhio umano e disturbi negli ambienti di lavoro.

"**FLICKER-FREE**" si intende quando l'effetto di flickering è minore o uguale al 3%.

"**FLICKERING**" is the flicker of a lamp which, even if it is imperceptible to the human eye, creates a sensation of visual instability and discomfort in the work environment.

When the flicker effect is minor or equal to 3%, we can say that the lamp is "**FLICKER-FREE**".

RISCHIO FOTOBIOLOGICO

La definizione “**rischio fotobiologico**” introduce la valutazione del “rischio da luce blu”, cioè la luce emessa dalle sorgenti luminose e visibile dall’occhio umano di lunghezza d’onda tra i 380 e 470 nanometri e la luce non visibile all’occhio umano di lunghezza d’onda inferiore ai 380 nanometri (regione degli UV).

In caso di elevati valori di emissione “di luce blu” da parte delle sorgenti luminose (Led o lampade a scarica) e/o di eccessiva esposizione diretta dell’occhio, è possibile arrivare a fastidiosi fenomeni per l’occhio stesso. Le valutazioni e le misurazioni del livello di rischio sono di competenza del documento IEC/TR62778 e della norma generale degli apparecchi di illuminazione IEC 60598-1:2014.

Dopo numerosi test e selezione di fornitori TOP, assicuriamo che gli apparecchi SIDE rientrano nella categoria “Exempt Group” (assenza di pericoli legati all’infrarosso, alla luce blu e alla radiazione UV) garantendo il rispetto dei requisiti di sicurezza imposti dalla norma stessa (gruppo di rischio 0-1).

PHOTO BIOLOGICAL RISK

The definition “**photo biological risk**” introduces the evaluation of “blue light risk”, that is, the light emitted by light sources and visible from the human eye with a wavelength between 380 and 470 nanometers and the light not visible to the human eye with a wavelength below 380 nanometers (UV region).

In case of high “blue light” emission values by light sources (LED or discharge lamps) and/or of excessive direct exposure of the eye, it is possible to get annoying phenomena for the eye itself. Risk assessment and measurements are covered by IEC/TR62778 and general lighting standard IEC 60598- 1:2014.

After several tests and selections of TOP suppliers, we ensure that SIDE appliances belong to the category “Exempt Group” (no infra red, blue light or UV radiations hazards), ensuring compliance with the safety requirements imposed by the standards (risk group 0-1)

GRUPPI DI RISCHIO - RISK GROUPS



RISCHIO ESENTE - RISK FREE

Gruppi di rischio:

- 0: ESENTE** nessun rischio fotobiologico.
- 1: RISCHIO BASSO** nessun rischio fotobiologico nelle normali condizioni di impiego.
- 2: RISCHIO MODERATO** non presenta rischio in condizioni di riflesso naturale di avversione alla luce o effetti termici.

Risk Groups:

- 0: NO** photo biological risk.
- 1: LOW RISK** no photo biological risk under normal usage conditions.
- 2: MODERATE RISK** doesn't present any risk in natural reflection of aversion to light or thermal effects.



TECNOLOGIA IN CONTINUA EVOLUZIONE

I LED, quelli di potenza in particolare, sono caratterizzati da una rapida evoluzione tecnologica che ha portato in pochi anni a triplicare le efficienze (lm/W) ed a migliorare notevolmente le rese cromatiche (CRI). I dati contenuti in questa pubblicazione riguardano lo "stato dell'arte" al momento della stampa. Poiché sono previsti continui apporti migliorativi, è consigliabile contattare SIDE SPA per maggiori informazioni ed aggiornamenti.



EVOLVING TECHNOLOGY

The LEDs, the power ones in particular, are characterized by rapid technological evolution that has brought in a few years to triple the efficiency (lm/W) and to greatly improve the color rendering (CRI). The data contained in this publication relate to the "state of the art" at the time of printing. Since contributions are expected to continue improving it, you should contact SIDE SPA for more information and updates.

CHIP ON BOARD

Il mercato dell'illuminazione è in continua evoluzione; con il passare del tempo alcune sorgenti luminose diventano obsolete, altre diventano protagoniste, tra cui i LED.

Il mondo dei LED, per quanto sia recente, ha già subito forti cambiamenti con veloci e incredibili evoluzioni tecnologiche. Negli ultimi 10 anni questa nuova sorgente luminosa ha reinventato il modo di illuminare cambiando radicalmente le nostre abitudini, sensibilizzandoci su vari aspetti: risparmio energetico, eco-sostenibilità, qualità visiva ed economicità degli impianti. Tutti questi fattori sono stati racchiusi nei moduli LED COB (CHIP ON BOARD).

The lighting market is constantly changing; with the passage of time, some light sources become obsolete, others will become more important, including LEDs. The world of LEDs, even if it's recent, has already undergone significant changes with incredible speed and technological developments. Over the past 10 years this new light source has reinvented the way we light radically changing our habits, raise awareness about various aspects: energy saving, eco sustainability, visual quality and cost effectiveness of facilities. All these factors have been enclosed into a single product: LED COB (CHIP ON BOARD).



ALTA QUALITÀ DELLA LUCE, RISPARMIO ENERGETICO E ASSENZA DI MANUTENZIONE

Qualsiasi prodotto si debba illuminare, grazie alla qualità della luce emessa dai moduli LED COB, il risultato è assicurato. Colori vivi, saturi, brillanti, tutto questo è garantito dalla tecnologia LED COB con resa cromatica superiore ad 80 ed il perfetto rendering del rosso. Abbinando questi moduli con ottiche SIDE di ultima generazione si ottengono efficienze molto elevate tali da permettere un reale e dimostrabile risparmio energetico rispetto alle sorgenti luminose classiche. Inoltre la vita utile superiore alle 50.000 ore e la costanza di emissione nel tempo fanno di questi prodotti SIDE, che utilizzano questa tecnologia, apparecchi praticamente a zero costi di manutenzione.



HIGH QUALITY OF LIGHT, SAVE ENERGY AND ABSENCE OF MAINTENANCE

Any product should be light, thanks to the quality of the light emitted from the modules LED COB, the result is assured. Vivid colors, saturated, brilliant, this is guaranteed by the LED COB with CRI at 80 and the perfect rendering of the red. By combining these modules with optical SIDE latest generation very high efficiencies are obtained which enable a real and demonstrable energy savings compared to traditional light sources. Moreover, the lifetime of more than 50,000 hours and the constant emission through time make these SIDE products, that use this technology, units virtually with zero maintenance costs.



BENEFICI PER IL CLIENTE

- prodotti illuminanti gradevoli e ben inseribili in diversi ambienti.
- zero costi di manutenzione.
- risparmio energetico.
- ridotte emissioni di IR e UV.

BENEFITS TO THE CUSTOMER

- products lighting and well-pleasing suitable for different environments.
- zero maintenance costs.
- energy savings.
- reduced emissions of IR and UV.



FOOD LIGHTING

SIDE presenta la nuova gamma di prodotti dedicata all'illuminazione degli alimenti basata sulla tecnologia LED FOOD di ultima generazione.

Numerosi studi dimostrano che la vista è il primo dei nostri 5 sensi ed è principalmente con l'esperienza visiva che giudichiamo la qualità di un prodotto.

Mettere in risalto la freschezza, i colori e l'aspetto di quanto esposto è fondamentale per ottenere una vendita più coinvolgente e per incentivare il cliente all'acquisto.

I LED FOOD, abbinati alle ottiche sviluppate da SIDE, sono la migliore risposta per illuminare i banchi degli alimentari con soluzioni specifiche per:

CARNE, PESCE, ORTOFRUTTA, LATTICINI E PRODOTTI DA FORNO/PASTICCERIA.

Le caratteristiche di questa nuova tecnologia si possono riassumere in:
ELEVATA RESA CROMATICA, COSTANZA CROMATICA, BASSISSIMA EMISSIONE DI RAGGI UV ED IR, TEMPERATURA DI COLORE (K), SPETTRO DI EMISSIONE DEDICATI E NOTEVOLE RISPARMIO ENERGETICO.

SIDE presents the new range of products dedicated to the food lighting based on last generation LED FOOD technology.

Numerous studies show that the view is the first of our 5 senses and it is mainly with the visual experience that we judge the quality of a product.

Emphasize the freshness, the color, and the appearance of the foregoing is crucial to get a more engaging sale and to encourage the purchase of customers.

The LED FOOD, combined with the optics developed by SIDE, are the best response to light up the stands of food with specific solutions for:
MEAT, FISH, FRUIT AND VEGETABLES, DAIRY AND BAKERY PRODUCTS/PÂTISSERIE.

The characteristics of this new technology can be summarized as:
HIGH COLOR RENDERING, COLOR CONSTANCY, VERY LOW EMISSION OF UV AND IR, COLOR TEMPERATURE (K) AND DEDICATED EMISSION SPECTRUM, AND SIGNIFICANT ENERGY SAVING.





COSA E COME SCEGLIERE

Ogni alimento, la sua luce!*

**TUTTE LE VERSIONI UTILIZZANO OTTICHE IN ALLUMINIO
SENZA FILTRI AGGIUNTIVI.**

WHAT AND HOW TO CHOOSE

Each food has its own light!*

**ALL VERSIONS USE ALUMINUM OPTICS WITH ANY OTHER
FILTERS.**



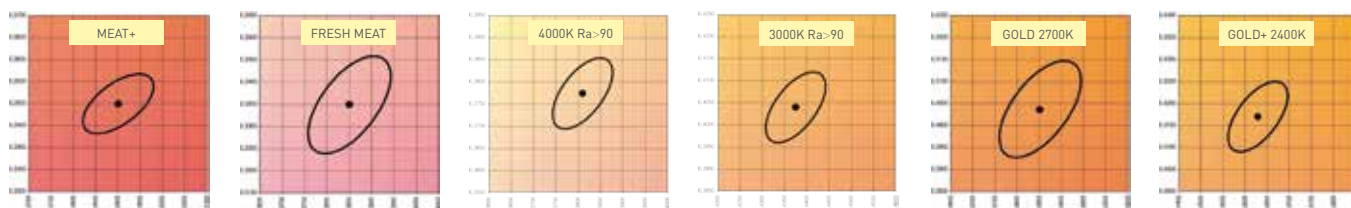
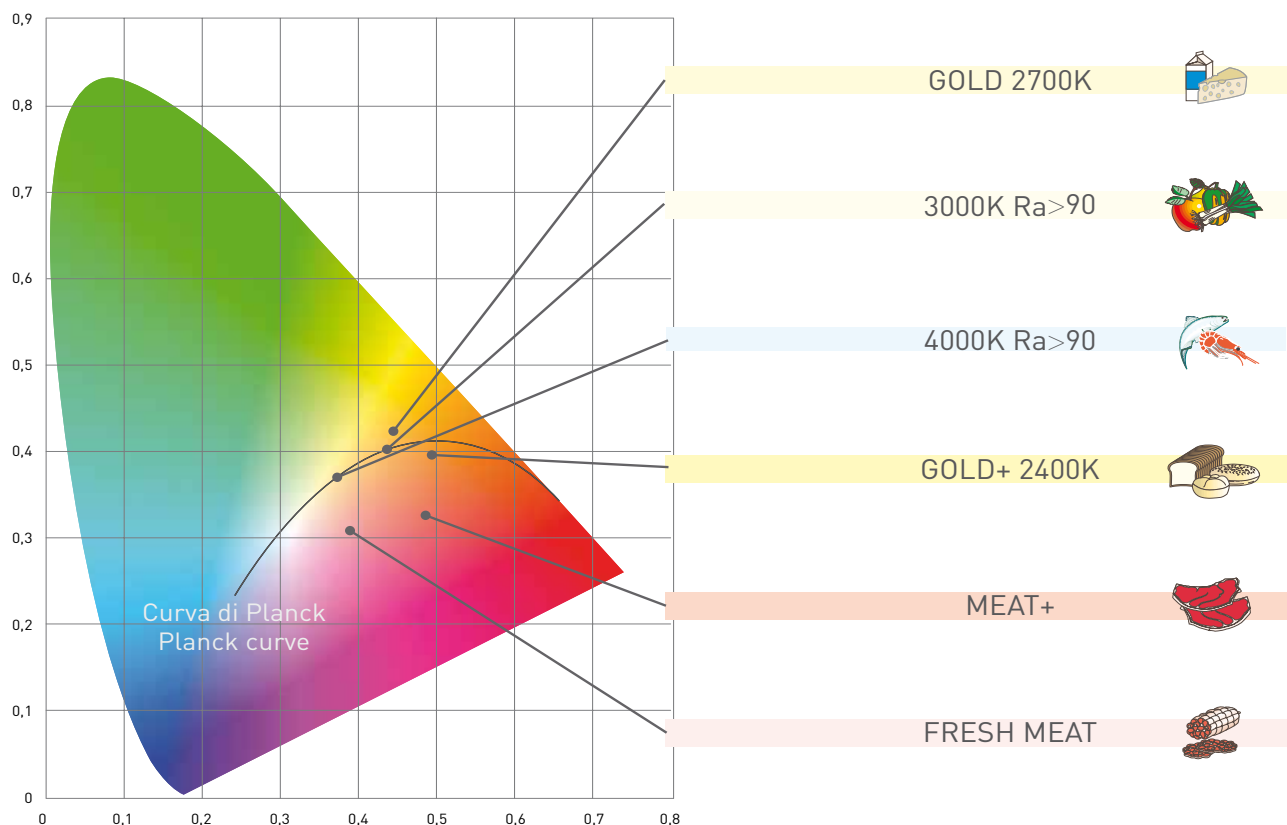
MODULO-MODULE LED		TIPOLOGIA ALIMENTO - TYPE OF FOOD
MEAT+		Carne / Meat
FRESH MEAT		Salumi / Cold cuts
4000K Ra>90		Pesce e crostacei / Fish and shellfish
3000K Ra>90		Frutta e verdura / Fruit and vegetables
GOLD 2700K		Formaggi e latticini / Dairy and cheese
GOLD+ 2400K		Pane e pasticceria / Bread and pastry



*Nota bene: lo schema sopra riportato scaturisce da test effettuati presso i nostri laboratori e rappresenta quanto da noi consigliato sulla base della nostra esperienza. Bisogna tenere presente che, oltre ai dati tecnici indiscutibili, quando si tratta di tonalità e di spettro di emissione di una sorgente luminosa subentrano anche fattori di gusto prettamente soggettivi.

*Disclaimer: this diagram is the result of tests made in our laboratories and it represents what we recommend based on our experience. Please kindly remember that, in addition to the indisputable technical data, when it concerns to shade/tone and emission spectrum of a light source you have to take over factors of taste purely subjective.

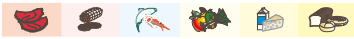




LED GENERAZIONE 5 - GENERATION 5 LED

TRIDONIC 			PRODOTTI 37W (alimentazione corrente 1050mA led LES 23 G5)	PRODOTTI 43W (alimentazione corrente 1200mA led LES 23 G5)
MEAT+ 		Carne / Meat	2630lm	2950lm
FRESH MEAT 		Salumi / Cold cuts	2650lm	2960lm
4000K Ra>90 		Pesce e crostacei / Fish and shellfish	4970lm	5550lm
3000K Ra>90 		Frutta e verdura / Fruit and vegetables	4650lm	5200lm
GOLD 2700K 		Formaggi e latticini / Dairy and cheese	4220lm	4720lm
GOLD+ 2400K 		Pane e pasticceria / Bread and pastry	2880lm	3220lm

FLUSSI LUMINOSI REALI (Tp65°) E NON TIPICI (Tp25°)
REAL LUMINOUS FLUX (Tp65°) AND NOT TYPICAL (Tp25°)



RENDIMENTI E QUALITA' DI LUCE AL TOP

La completa offerta di prodotti SIDE proposti con moduli LED FOOD assicura i massimi risultati qualsiasi alimento si voglia illuminare.

COLORI VIVI, SATURI, BRILLANTI, ADDIRITTURA ENFATIZZATI SONO GARANTITI DALLA TECNOLOGIA LED CHE UNISCE ELEVATE RESE CROMATICHE A SPETTRI CROMATICI DEDICATI.

Queste prestazioni, ottenute dall'abbinamento con le ottiche ad alto rendimento sviluppate da SIDE, migliorano drasticamente le efficienze energetiche. Se comparato alle sorgenti luminose classiche (lampade "white son") il risparmio sul conto energia è immediato e consistente.

OUTPUT AND QUALITY OF LIGHT AT THE TOP

The complete range of SIDE products offered with FOOD LED modules ensures maximum results for any food you want to illuminate.

THE LED TECHNOLOGY GUARANTEES VIVID, SATURATED AND BRIGHT COLORS COMBINING HIGH COLOR RENDERING WITH CHROMATIC SPECTRUMS.

This performance, achieved by the combination with the high efficiency optics developed by SIDE, improves dramatically the energy efficiency.

The saving on the energy bill is immediate and consistent if compared to traditional light sources (bulbs "white son").

ASSENZA DI MANUTENZIONE E COSTANZA DI PRESTAZIONI

La tecnologia LED con vita utile superiore alle 50.000 ore rende questa nuova gamma praticamente immune da interventi di manutenzione.

Un altro vantaggio della collezione SIDE LED FOOD è che, grazie al corretto dimensionamento dei prodotti (dissipazione adatta a far funzionare i diodi entro i dati di temperatura prescritti), il decadimento del flusso luminoso del Led nel corso del tempo sarà minimo.

Ancora più importante è che la qualità della luce emessa (temperatura di colore e spettro cromatico) dai LED Tridonic non subisce apprezzabili variazioni.

IN SINTESI L'IMPIANTO, ANCHE DOPO ANNI DI ESERCIZIO, GARANTISCE PRESTAZIONI PARAGONABILI AL NUOVO.

LACK OF MAINTENANCE AND REGULARITY OF PERFORMANCE

The LED technology with a useful life of over 50.000 hours, makes this new range virtually immune to maintenance.

Another advantage of the SIDE collection LED FOOD is that, thanks to the correct sizing of the products (dissipation suitable to operate the diodes within the prescribed temperature data), the decline of the luminous flux of the LED over time will be minimal.

Even more important is that the quality of the light (color temperature and color spectrum) from Tridonic LEDs does not undergo appreciable variations.

IN SUMMARY THE SYSTEM, EVEN AFTER MANY YEARS OF WORKING, PROVIDES PERFORMANCE COMPARABLE TO THE NEW.

Illuminazione standard - Standard lighting



Illuminazione food LED - LED food lighting



MODULO-MODULE **GOLD+**

Illuminazione standard - Standard lighting



Illuminazione food LED - LED food lighting



MODULO-MODULE **GOLD**

EMISSIONI MINIME DI CO2 - UV - IR

L'efficienza energetica ottenuta dai LED FOOD e dalle ottiche SIDE, si traduce in una drastica riduzione dei consumi.

SONO INOLTRE PRODOTTI A BASSO IMPATTO AMBIENTALE CHE POSSONO FAVORIRE LA CLASSIFICAZIONE ENERGETICA DEGLI IMPIANTI.

Le prestazioni del sistema LED + Alimentatore si attestano su valori superiori a 77lm/W* per le versioni FOOD e 110lm/W* per le versioni WHITE.

I LED Tridonic, in ottemperanza anche alla normativa EN 62471, hanno emissioni irrisorie nello spettro degli UV (ultravioletti) ed IR (infrarossi).

Caratteristica che rende queste fonti luminose ideali all'uso nel settore FOOD. Infatti, sia gli infrarossi sia gli ultravioletti, hanno effetti fortemente negativi e degenerativi sugli alimenti favorendo il precoce deterioramento delle qualità organolettiche.

MINIMAL EMISSIONS OF CO2 - UV - IR

The energy efficiency obtained by the FOOD LEDs and by the SIDE optics, results as a drastic reduction of consumption.

FURTHERMORE THESE PRODUCTS HAVE A LOW ENVIRONMENTAL IMPACT THAT CAN PROMOTE THE CLASSIFICATION EFFICIENCY OF THE PLANTS.

The performance of the system LED + power supply amounted to values higher than 77lm/W* for the FOOD versions and 110lm/W* for WHITE versions.

The Tridonic LEDs, also in accordance with the norm EN 62471, have negligible emissions in the spectrum of UV (ultraviolet) and IR (infrared).

This feature makes these light sources ideal for use in the FOOD sector. In fact, both the infrared and the ultraviolet, have very negative and degenerative effects on food favoring early deterioration of the organoleptic qualities.



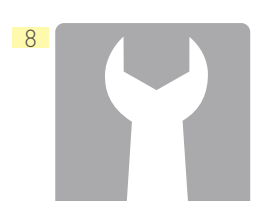
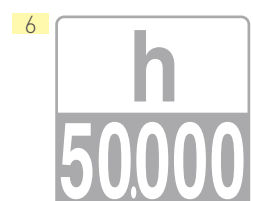
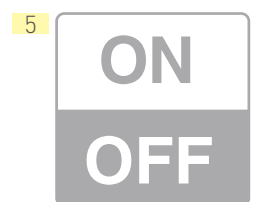
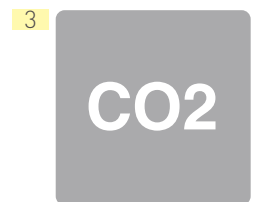
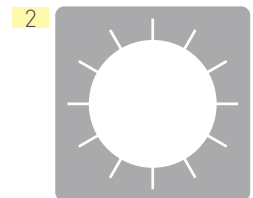
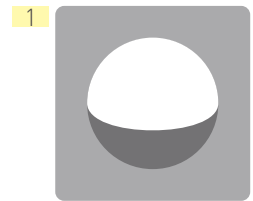


PERCHE' SCEGLIERE I LED FOOD

- 1 qualità migliorata dei prodotti esposti.
- 2 elevata resa cromatica.
- 3 ridotto impatto ambientale.
- 4 emissione minima di raggi UV-IR.
- 5 on/off istantaneo.
- 6 50.000 ore di funzionamento.
- 7 abbattimento dei consumi.
- 8 abbattimento dei costi di manutenzione.

WHY CHOOSE FOOD LIGHTING LED

- 1 improved quality of the products displayed.
- 2 high color rendering.
- 3 reduced environmental impact.
- 4 minimum emission of UV-IR.
- 5 instant on/off.
- 6 50.000 hours of operation.
- 7 reduction in consumption.
- 8 reduction of maintenance costs.





È il nuovo standard di interfaccia multifunzionale per il comando digitale di alimentatori elettronici (ECG) dimmerabili; la sua funzione è quella di gestire apparecchi di illuminazione e dispositivi basati su un segnale digitale in grado di indirizzare in modo univoco fino a 64 moduli su uno stesso bus.

DALI è concepito in primo luogo per la gestione confortevole della luce, lo scopo è la gestione semplificata della luce e delle componenti interessate. E' la tecnologia per la luce del futuro, apparecchi intelligenti con funzioni che possono essere attivate solo quando serve in modo efficiente e rapido. Per mezzo del protocollo Dali è possibile comunicare con gli apparecchi di illuminazione assegnando loro le funzioni e definendone il comportamento.

È un'interfaccia per la comunicazione digitale tra un modulo di comando e gli alimentatori elettronici, questo ha permesso l'intercambiabilità di alimentatori elettronici di produttori diversi.

I componenti digitali **DALI** devono avere le tre seguenti caratteristiche essenziali:

- Indirizzamento digitale
- Processo digitale
- Comunicazione digitale

L'architettura **DALI** si basa sul principio master-slave. L'utente gestisce il sistema attraverso il controller (master) che invia messaggi a tutti gli ECG (slave). In questa rete possono essere collegati fino a 64 ECG per master e tutte le luci sono collegate in parallelo. Non vi è alcuna necessità di componenti impiantistiche.

It is the new standard of multifunctional interface for the digital command of dimmable electronic drivers (ECG); its function is to manage lightning systems and devices based on a digital signal able to address univocally up to 64 modules on the same bus.

DALI is conceived first of all for a comfortable management of the light; it aims to handle the lighting and the interested components in a simple way.

It is the lighting technology of the future, intelligent systems with functions that can be efficiently and quickly activated only when needed.

Through DALI protocol it is possible to communicate with the lighting systems assigning them the functions and defining their behavior. It is an interface for the digital communication between a command module and the electronic drivers. This has allowed the interchangeability of electronic drivers from various manufacturers.

The digital Dali components must have the following three essential characteristics:

- Digital addressability
- Digital process
- Digital communication

DALI architecture is based on the principle master-slave. The user manages the system through the controller (master) that sends messages to all the ECG (slave). Up to 64 ECG per master can be connected to this net and all the lights are connected in parallel. There's no need of engineering components.

FACILITA' DI INSTALLAZIONE

GRUPPI DI LUCI ADATTABILI A SUCCESSIVE MODIFICHE, SENZA CABLAGGI PER GRUPPI

FACILITA' DI PROGETTAZIONE

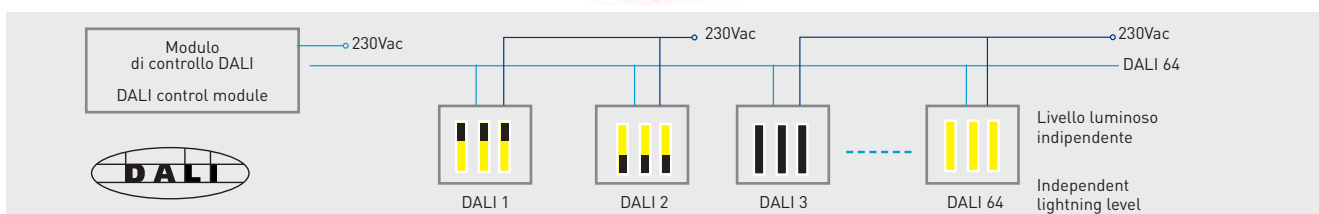
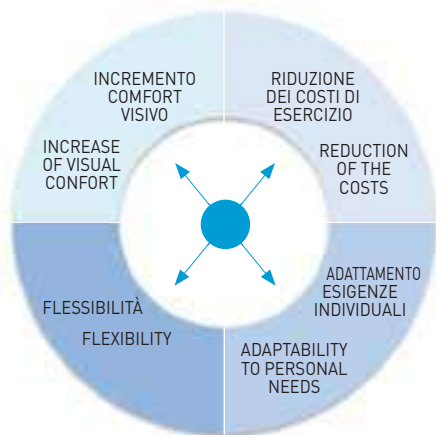
TRANSIZIONI SINCRONE DEGLI SCENARI DI ILLUMINAZIONE

SIMPLE INSTALLATION

LIGHT GROUPS ADAPTABLE TO FUTURE MODIFICATIONS, WITH NO NEED OF GROUP WIRING

SIMPLE DESIGN

SYNCHRONOUS TRANSITIONS OF LIGHTING SCENARIOS



GAMMA COMPLETA

La gamma dei prodotti SIDE è stata pensata per assolvere alle diverse esigenze progettuali/applicative e si declina in una proposta completa che si compone di: **INCASSI FISSI, INCASSI ORIENTABILI, PROIETTORI DA BINARIO, SOSPENSIONI E PLAFONIERE** per ambiti interni ed esterni.

Il design funzionale e minimale è il tratto distintivo che ne consente il facile utilizzo sia in nuove installazioni che nell'upgrading delle esistenti. Questa ampiezza di proposta, che sfrutta sempre le stesse fonti luminose e prodotti coerenti, libera il professionista da diversi vincoli estetico-funzionali; si possono così sviluppare progetti concettualmente omogenei ed uniformi.

APPLICAZIONI

- **Retail:** la nuova gamma di prodotti SIDE con tecnologia **DALI** risponde alle diverse esigenze illuminotecniche dei negozi, dalle vetrine all'illuminazione d'accento fino all'ambientale.
- **Tempo libero:** musei, gallerie, teatri, cinema, ristoranti, aree reception, saloni, bar ed altri luoghi pubblici.
- **Uffici:** sale conferenze, hall, corridoi, sale riunioni.



Incassi
Recessed



Binario
Track



Sospensioni
Suspensions



Plafone
Ceiling

FULL RANGE

The range of SIDE'S products has been designed to meet any design requirements/applications and are available in a full proposal that is made up of:

FIXED AND ADJUSTABLE RECESSED DOWNLIGHTS, SPOTLIGHTS FOR TRACKS, SUSPENSIONS AND CEILING FITTINGS for indoor and outdoor.

The functional and minimal design is the distinctive feature that allows an easy use in either new installations and in the upgrading of existing ones.

This largeness of proposal, which always uses the same light sources and congruent products, releases the architect from various professional aesthetic and functional constraints, so you can develop projects conceptually homogeneous and uniform.

APPLICATIONS

- **Retail:** the new range of SIDE products with **DALI** technology meets the different needs of lighting shops, from accent lighting to environmental windows.
- **Leisure:** museums, galleries, theaters, cinemas, restaurants, reception areas, bars, lounges and other public areas.
- **Offices:** conference rooms, hall, corridors, meeting rooms.



Net 18 Block



Net 18 New Basic



Net MCL
Orientabile



Net Flat MCL



Step 18



Big incasso



Bend XS



Bend M



Luxor XL



Aurora XL



Big Flat
Sospensione



Stargate

64 ALIMENTATORI CONTEMPORANEAMENTE

“TRAMITE UN CAVO DI COMANDO A DUE POLI È POSSIBILE IL CONTROLLO FLESSIBILE DI MASSIMO 64 ALIMENTATORI TUTTI INSIEME, UNO ALLA VOLTA E A GRUPPI FINO A 16 ELEMENTI”

Il sistema **DALI** ha trasformato l'apparecchio d'illuminazione in uno strumento multifunzionale, capace di adattarsi alle moderne esigenze di gestione della luce.

I moderni sistemi di illuminazione non possono limitarsi ad accendere e spegnere le luci, oggi l'illuminazione artificiale deve essere concepita come elemento integrale del comfort di un ambiente e della gestione in funzione dell'efficienza energetica.

All'illuminazione moderna occorre un sistema al tempo stesso versatile e facile da usare, un sistema basato su pochi componenti di costo non elevato, con cablaggio minimo e un concetto operativo semplice, focalizzato sul controllo della luce in ambienti diversi e in funzione delle diverse attività che in tali ambienti si svolgono.

Proprio per questo l'industria dell'illuminazione ha sviluppato il nuovo standard di comunicazione digitale **DALI** per alimentatori elettronici (ECG).

DALI elimina il divario esistente tra due mondi di gestione dell'illuminazione: da una parte i sistemi 1...10 V (semplici ed economici ma non sufficientemente flessibili), dall'altra i complessi sistemi di controllo degli edifici (building management).

64 CONTEMPORARY DRIVERS

“THROUGH A COMMAND WIRE IT IS POSSIBLE THE FLEXIBLE CONTROL OF MAX 64 DRIVERS AT A TIME, OF EACH SINGLE ONE OR GROUP OF MAX 16 ELEMENTS”

DALI system has transformed the lighting system into a multifunctional product, able to adapt to the modern needs of light management.

The modern lighting systems cannot simply switch the light on and off. Today the artificial light must be conceived as integral element of an ambient comfort, and its management must be based on the energetic efficiency.

The modern lightning needs a system both versatile and easy to use with few cheap components, little wiring and a simple operative concept. The system must be able to control the light in different rooms in function of the different activities that are carried out in every single ambient.

For this reason the lighting industry has developed a new digital communication standard **DALI** for electronic drivers (ECG).

DALI eliminates the existing gap between two different ways of light management: on the one hand the systems 1...10 V (simple and cheap but not flexible enough), on the other the complex control systems of building management.

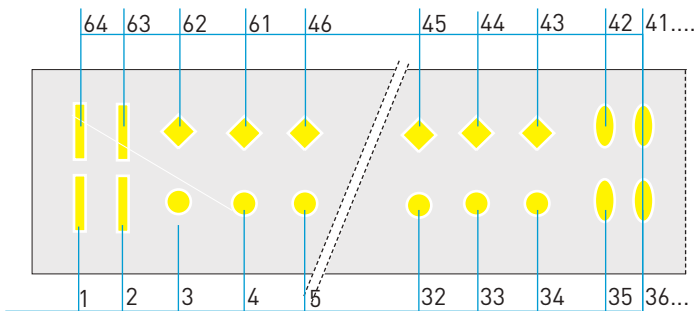


DALI NEL DETTAGLIO

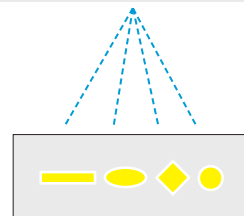
- Trasmissione dati a prova di guasto, assenza di disturbi del segnale
- Ciascun modulo può essere richiamato individualmente (ID dedicato)
- L'assegnazione dei gruppi avviene solo al momento della messa in funzione del dispositivo di controllo, non è necessario il cablaggio per gruppi
- Gli alimentatori elettronici DALI possono essere assegnati a più gruppi contemporaneamente
- I valori degli scenari di illuminazione e l'appartenenza ai gruppi vengono memorizzati nell'alimentatore elettronico
- È possibile il controllo feedback sullo stato dell'alimentatore elettronico (lampada on/off, valori di luminosità, lampade guaste)
- Accensione/spengimento direttamente nell'alimentatore (senza l'impiego di relé di commutazione)
- Opzioni di indirizzamento: globale, per gruppo, individuale

DALI IN DETAIL

- Data transmission failure-proof, no signal disturbs
- Each single module can be recalled individually (ID dedicated)
- The groups assignment is carried out only during the control system commissioning, groups wiring is not necessary
- DALI electronic drivers can be assigned to more than one group at a time
- The lighting scene values and the groups assignment are memorized in the electronic driver
- It is possible the feedback control of the electronic driver status (lamp on/off, brightness value, broken lamps)
- The light can be switched on/off directly from the driver (no need of an external relay)
- Opzioni di indirizzamento: globale, per gruppo, individuale



**ALIMENTATORI Massimo 64
64 MAX DRIVERS**



**N.B. ogni alimentatore può controllare più apparecchi
every single driver can control more than one system**





CREAZIONE SCENE LUMINOSE A ZONE PROGRAMMATE

DALI METTE A DISPOSIZIONE UN MEZZO INTELLIGENTE PER IL CONTROLLO DELLA LUCE IN UN AMBIENTE CON RIDOTTO COSTO DEI COMPONENTI, ELEVATA FUNZIONALITÀ E FACILITÀ DI APPLICAZIONE.

L'intelligenza del sistema **DALI** risiede nel suo modulo di comando e rende estremamente più semplice l'utilizzo del sistema da parte dell'utente.

Nel modulo di comando le routine di rilevamento e di indirizzamento dei componenti collegati sono in gran parte automatiche; l'utente si limita a completare le impostazioni attraverso gli elementi di controllo. Inoltre con la stessa facilità può cambiare le funzioni e adattare a nuove situazioni. Questo approccio porta a situazioni che possiamo definire come scenari di illuminazione memorizzati e di volta in volta richiamati, possibilmente con l'integrazione del controllo legato alla presenza negli ambienti e alla quantità di luce naturale disponibile.

CREATION PROGRAMMABLE LIGHTING SCENES

DALI PROVIDES AN INTELLIGENT SYSTEM FOR THE LIGHT CONTROL IN AN AMBIENT WITH CHEAP COMPONENTS, HIGH FUNCTIONALITY AND EASY APPLICATION.

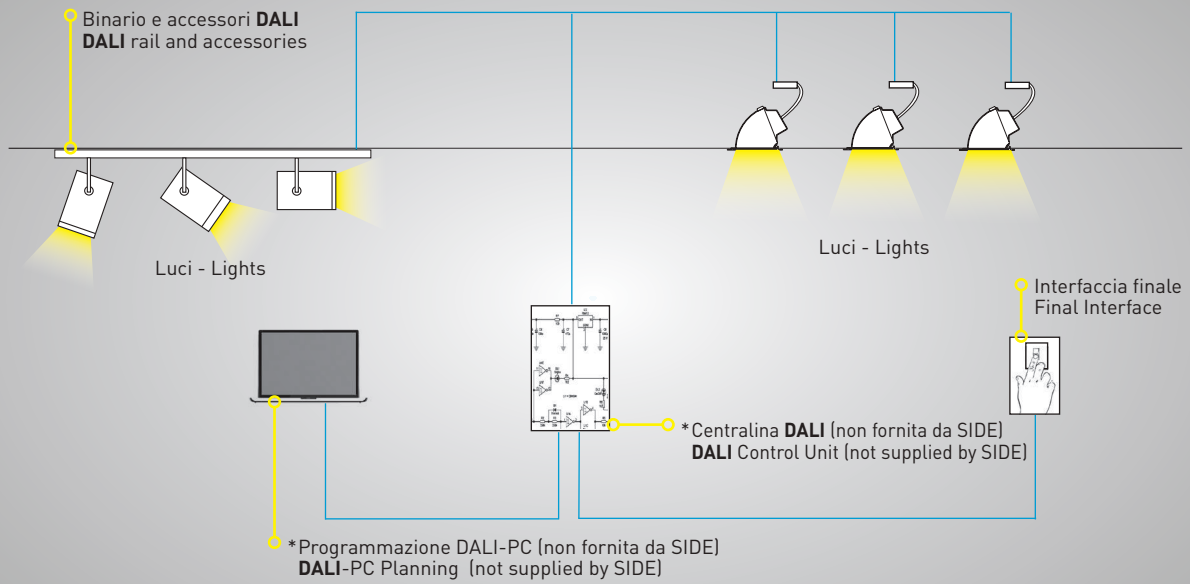
The intelligence of **DALI** system resides in its command module that makes its usage by the user very simple.

In the command module the detecting routine and the connected components addressing are mostly automatic; the user only has to complete the settings through the control elements. The user can also change the functions and adapt them to new situations very easily.

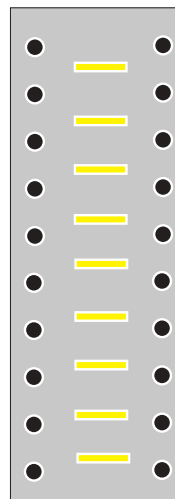
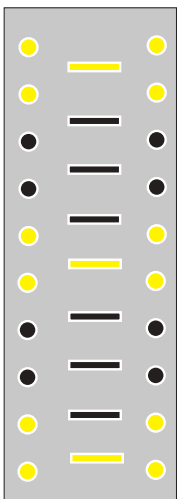
This approach takes to situations that we can define as lightning memorized scenes that are recalled from time to time, possibly with the integration of the control tied to the presence in the rooms and to the quantity of natural light available.



SCHEMA DALI - DIAGRAM DALI



* Esistono nel mercato modelli con possibilità di programmazione integrata che escludono le programmazioni con PC.
On the market there are models that offer an integrated planning that excludes the planning with PC.



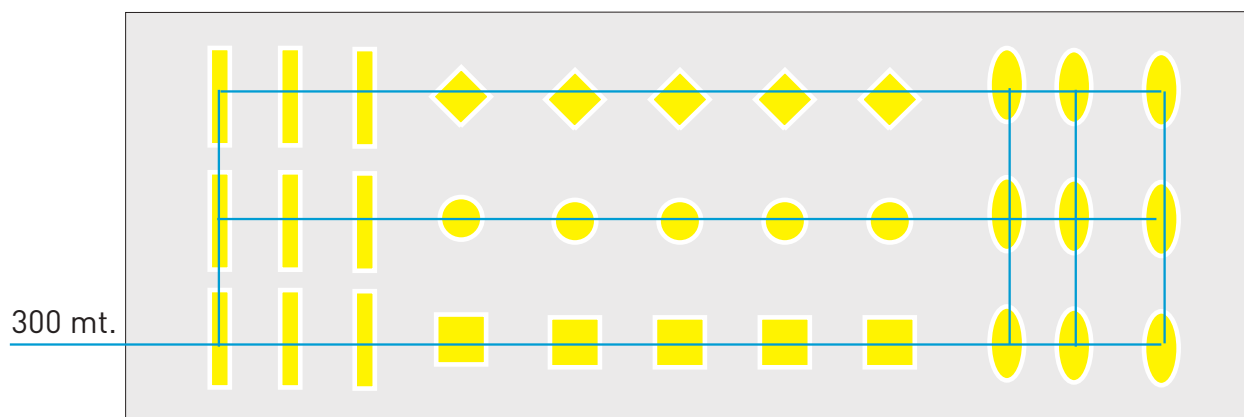


“BUS” MAX LENGTH 300 MT. (WIRE SECTION 1,5 MM²)

I moderni sistemi di illuminazione non possono limitarsi ad accendere e spegnere le luci, l’illuminazione artificiale deve essere concepita come un elemento integrale del comfort di un ambiente e della gestione in funzione dell’efficienza energetica. Il protocollo **DALI** si inserisce nei sistemi di building automation che raggruppano i vari sistemi di controllo dell’edificio sia in termini di gestione che di risparmio energetico e riduzione delle emissioni inquinanti.

“BUS” MAX LENGTH 300 MT. (WIRE SECTION 1,5 MM²)

The modern lighting systems cannot simply switch the lights on and off; the artificial lighting must be conceived as an integral element of the comfort of a room and of the management in function of the energetic efficiency. **DALI** protocol fits the “building automation” systems that group various control systems of the building both in terms of management and of energetic saving and reduction of polluting emissions.



CARATTERISTICHE DALI - DALI CHARACTERISTICS

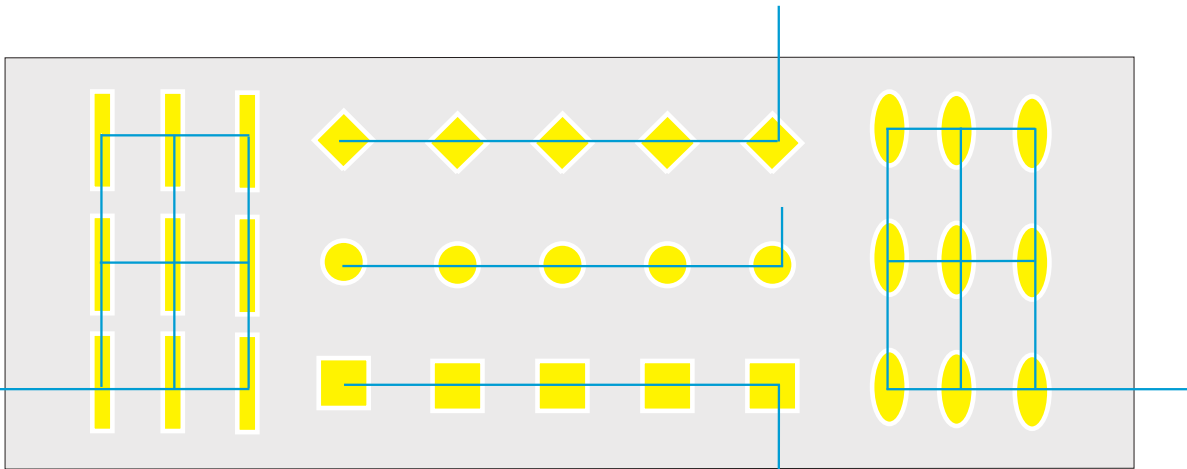
Sistema System	Digitale Digital
Retroazione Feedback	Bidirezionale Bidirectional
Programmazione Programming	da centralina, da PC remoto from control unit, from remote PC
Indirizzabile Addressable	64 moduli - ind. singolo - a gruppi - tutti 64 moduls - ind. single - groups - all of them
Tensione -Corrente di funzionamento Tension -Operating current	Ingresso potenziale 0 - 16V max - 250mA max Potential entry 0 - 16V max - 250mA max
Regolazione Regulation	1 - 100%
Velocità Speed	1200 Bit/sec. fino a 2400 bit/sec 1200 Bit/sec. to 2400 bit/sec
Tipologia cavi Wires typology	I cavi di alimentazione e di segnale possono essere integrati The supply and signal cables can be integrated
Distanze/Sezioni Distances/Sections	Max 300 Mt. Sez. 1,5 mmq. Max 300 Mt. Sez. 1,5 mmq.
Tipologia cablaggio Wire typology	Serie - Parallelo - T - Stella Series - Parallel - T - Star

LAMPADE CON ACCENSIONI INDIPENDENTI

Sono ormai superati i tempi in cui bisognava decidere la funzione degli apparecchi al momento dell'acquisto, ben sapendo che ogni successiva modifica risultava complicata e costosa. **DALI** ha trasformato l'apparecchio d'illuminazione in uno strumento versatile e multifunzionale.

LAMPS WITH INDEPENDENT SWITCHING ON

We have overcome the times when the users needed to decide the device function when they bought it. At that time the users knew perfectly well that any future modification would be difficult and expensive. **DALI** has transformed the lightning system into a versatile and multifunctional device.



N.B. max. 64 alimentatori per master
max. 16 alimentatori per gruppo
max. 16 scenari programmabili

N.B. max. 64 drivers per mastermax
max. 16 drivers per group
max. 16 programmable scenes





BASETTA A PLAFONE

Sempre più spesso, i proiettori a binario vengono usati come punto luce singolo sfruttando la loro flessibilità di orientamento e di puntamento.

SIDE permette di ordinare proiettori da binario trasformandoli in proiettori con bassetta per fissaggio a soffitto e/o a parete senza nessun costo aggiuntivo.

Con la bassetta, un proiettore a soffitto può considerarsi come una plafoniera con il vantaggio dell'orientabilità mentre un proiettore a muro, oltre all'illuminazione diretta, potrà illuminare ambienti interi con illuminazione indiretta.

Bassetta di piccole dimensioni per fissaggio a soffitto/muro per singolo punto luce.

Small base for fixing a single light to the wall/ceiling.



Su richiesta: Versione a bassetta per tutti i proiettori a binario. In fase d'ordine specificare: SPECIALE A BASETTA

On request: Base-mounted version for all the track projectors. When you order, specify: SPECIAL BASE-MOUNTED

PS: per fissaggi su pareti verticali, verificare direttamente con SIDE la fattibilità. for mounting on walls, please verify directly with SIDE before.

BASE-MOUNTED

Track projectors are more and more used as single light taking advantage of their pointing and orienting flexibility. SIDE allows ordering the track projectors as base-mounted projectors to fix them to the ceiling and/or to the wall with no added cost.

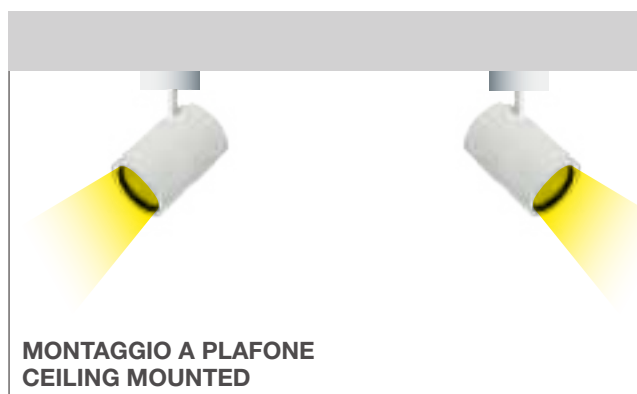
With the base, a ceiling projector can be considered as a ceiling lamp with the advantage of the orientation, while a wall projector, beside the direct lighting, will also be able to light entire spaces with a direct light.



**MONTAGGIO A BINARIO
RAIL MOUNTED**



**MONTAGGIO A BASETTA
BASE - MOUNTED**



**MONTAGGIO A PLAFONE
CEILING MOUNTED**



**MONTAGGIO A PARETE
WALL MOUNTED**



eTable

eTable tecnologia ed atmosfera

La lampada portatile, ricaricabile e magnetica che illuminando dolcemente, trasforma ogni tavola creando un'atmosfera intima e conviviale.

Il design raffinato, la qualità della luce morbida e diffusa si adattano a qualunque ambiente.

Con eTable la luce diventa protagonista.

eTable technology and atmosphere

The portable lamp, rechargeable and magnetic which gently illuminating, could transform each table creating an intimate and convivial atmosphere.

The refined design, the soft and diffused light quality adapt to any environment.

With eTable, light becomes the protagonist.





- Corpo in alluminio e base in acciaio, verniciato in polvere poliestere.
- Schermo bisatinato.
- Trasformatore: carica batterie, collegabile a 100/240V 50/60Hz.
- Alimentatore: unità batterie per ricarica integrate nello stelo.
- Durata nominale: 50000 (h).

- Body in painted aluminium and base in painted steel, polyester powder coating.
- Screen frosted on both sides.
- Equipment: battery charger transformer, connectable to 100/240V 50/60Hz.
- Control gear: battery pack for charging integrated into the stem.
- Led life: 50000 (h).



			W	lm	V	K	CRI
	Bi 5700-827						
	Ne 5702-827						
	GrA 5703-827		3W	300	3,6V 6,7 Ah	2700	>80
	Corten 5704-827						
	Bi 5700-830						
	Ne 5702-830						
	GrA 5703-830		3W	300	3,6V 6,7 Ah	3000	>80
	Corten 5704-830						
	Bi 5700-840						
	Ne 5702-840						
	GrA 5703-840		3W	300	3,6V 6,7 Ah	4000	>80
	Corten 5704-840						

DATI TECNICI

- funzionamento a batterie LI-Ion 3.6V 6.7Ah
- connettore micro USB-B per ricarica
- sensore di prossimità ottico microcontrollore per gestione lampada
- accensione-spegnimento, regolazione a 3 step: off-on 40%, on 75%, on 100%
- interruttore on/off per salvaguardia batterie
- rilevamento tensione batteria per lo spegnimento sotto la soglia di guardia
- LED di segnalazione verde acceso per stato di funzionamento lampada
- LED lampeggiante verde per indicazione soglia di guardia batteria
- LED colorati di segnalazione stato di carica batterie: verde ricaricata, rosso in carica
- rapporto funzionamento/carica: 1:1
- autonomia di funzionamento: 8 ore
- scheda led: LED mid power

TECHNICAL DATA

- operating with LI-Ion batteries 3.6V 6.7Ah
- micro USB-B connector for charging
- microcontroller optical proximity sensor for lamp management
- power on/off, 3 step regulation: 40% off-on, 75% on, 100% off
- on/off switch for battery protection
- battery voltage detection for shutdown below the guard threshold
- green LED lights up for lamp operating status
- green flashing LED for battery guard threshold indication
- colored LED indicating battery charge status: green is recharged, red is charging
- operation/charge ratio: 1:1
- operating autonomy: 8 hours
- LED module: LED mid power

IP 54



inside
























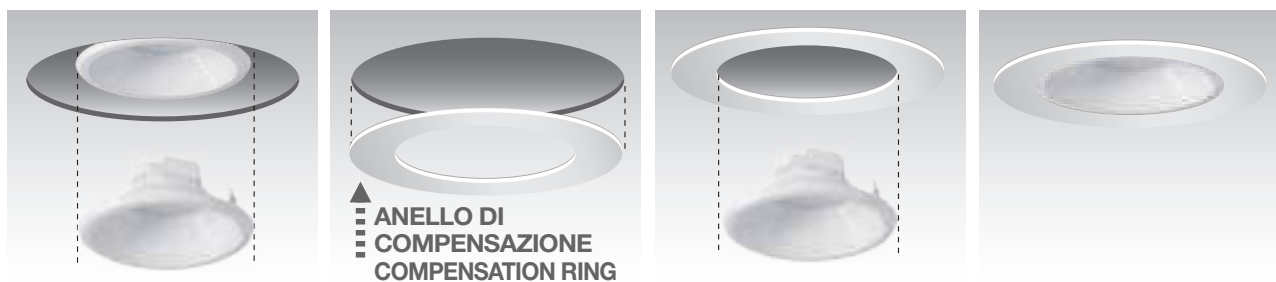
ANELLI DI COMPENSAZIONE

Mettiamo a disposizione 6 anelli di compensazione di colore bianco, utilizzabili dai nostri apparecchi illuminanti a incasso in versione standard. Questa gamma permette all'installatore di poter proporre soluzioni veloci e meno invasive senza costi aggiuntivi di ristrutturazione per la committenza. SIDE può creare su richiesta anelli personalizzati di ogni dimensione e con ogni colorazione RAL per sostituire gli impianti illuminotecnici anche della concorrenza. SIDE, oltre all'anello di compensazione modificherà la lunghezza delle molle di fissaggio per singolo faretto per garantire la massima sicurezza installativa.

COMPENSATION RINGS

With SIDE compensation rings, this is not a problem anymore. We provide you with 6 white compensation rings for our standard BUILT-IN equipment. This range allows the installer to propose different and fast solutions, less invasive and without additional costs for the customer. SIDE can create on request, customized rings of any size and RAL color in order to cover the most demanding requirements. Beside the compensation ring, SIDE will also modify the length of the fixing springs of every single spotlight, to ensure the maximum safety of installation.

<p>codice code 116</p> <p>FORO ESISTENTE EXISTING HOLE max Ø 140 m</p>  <p>IN Ø 75 mm OUT Ø 150 mm</p>	 <p>JOCKER COB</p>	 <p>JOCKER 3 LED</p>	 <p>JOCKER EMME</p>		
<p>codice code 117</p> <p>FORO ESISTENTE EXISTING HOLE max Ø 150 m</p>  <p>IN Ø 80 mm OUT Ø 160 mm</p>	 <p>JOCKER COB ORIENTABILE</p>	 <p>JOCKER 3 LED ORIENTABILE</p>	 <p>JOCKER EMME ORIENTABILE</p>	 <p>JOLLY</p>	
<p>codice code 122</p> <p>FORO ESISTENTE EXISTING HOLE max Ø 190 m</p>  <p>IN Ø 156 mm OUT Ø 210 mm</p>	 <p>NET 15 BLOCK</p>	 <p>NET 15 NEW BASIC</p>	 <p>TOR 15 MCL ORIENTABILE</p>	 <p>NET MCL</p>	 <p>STEP 15</p>
<p>codice code 125</p> <p>FORO ESISTENTE EXISTING HOLE max Ø 235 m</p>  <p>IN Ø 205 mm OUT Ø 255 mm</p>	 <p>NET 18 BLOCK</p>	 <p>NET 18 NEW BASIC</p>	 <p>STEP 18</p>		
<p>codice code 126</p> <p>FORO ESISTENTE EXISTING HOLE max Ø 250 m</p>  <p>IN Ø 205 mm OUT Ø 270 mm</p>	 <p>STEP 18</p>	<p>N.B. IL PRODOTTO STANDARD UTILIZZA STAFFE E MOLLE ESISTENTI N.B. THE STANDARD PRODUCT USES EXISTING BRACKETS AND SPRINGS</p>			




INCASSI PER CONTROSOFFITTI • RECESSED FOR FALSE-CEILINGS

50 SHELF LED T-Q	51 SHELF LED T-Q COB	53 ZIK	55 HOOP	56 DOT TONDO 20-30-45	59 DOT QUADRO 20-30	61 BBTT	63 JOCKER COB JOCKER 3 LED JOCKER EMME	69 JOLLY
71 CO-LIGHT MINI/ EMME	75 CONFORT LED	77 SWING 10-13	81 SWING 13 LOW	83 NET 13-15-18 BLOCK/PLUS	88 NET 15-18 NEW BASIC	89 STEP 15-18	93 NET MCL/PLUS	95 NET MCL ORIENTABILE/ PLUS
97 NET ASYMMETRIC MCL/PLUS	99 NET FLAT MCL/PLUS	101 NET SC XS-XL	103 FOCUS XS-XL	107 TWIST	109 BIG INCASSO	113 BEND XS ESTRAIBILE ORIENTABILE	115 BEND XS ESTRAIBILE ORIENTABILE FLANGIA Q	117 BEND XS ESTRAIBILE ORIENTABILE FLANGIA R
119 SPRINT MINI	121 TOR 15-18 MCL ORIENTABILE	125 TRAIL INCASSO	126 SINDI 60-100-140	131 QUICK	133 MATRIX MICRO COB	133 MATRIX MICRO 3 LED	135 MATRIX MICRO EMME	137 MATRIX MICRO SC XS-XL
138 MATRIX MINI/ EMME	145 MATRIX	147 MATRIX SC	148 MATRIX MCL/ PLUS	151 L18	153 RANDY 2	155 DOMINO BASIC	157 DOMINO SC	

SHELF LED T-Q



- Incasso per mensole con anello in acciaio verniciato in polveri.
- Molle di fissaggio. Schermo in materiale termoplastico.
- Dissipatore e cavetto lunghezza 0,3 m.

- Recessed for shelves with ring made of powder coated steel.
- Fixing springs and screen made of thermoplastic material.
- Heatsink and power cables length 0,3 m.



LAMP	VOLT-MA	WATT	LUMEN	HOOR*
SHELF LED COB	350mA	3,5W	285	50.000
SHELF LED	350mA 700mA	1,2W 2,5W	80 121	50.000
HSG G4	12V	10W 20W	140 300	2.000

* HOUR Durata media - Average Life

SHELF LED T					
 Bi 0021 Ne 0022 Cr 0023 Oro 0024 Cm 0025	1x1,2W 1x2,5W	80 121	350mA 700mA	3000	>80



SHELF LED Q					
 Bi 0021-Q Ne 0022-Q Cr 0023-Q Oro 0024-Q Cm 0025-Q	1x1,2W 1x2,5W	80 121	350mA 700mA	3000	>80



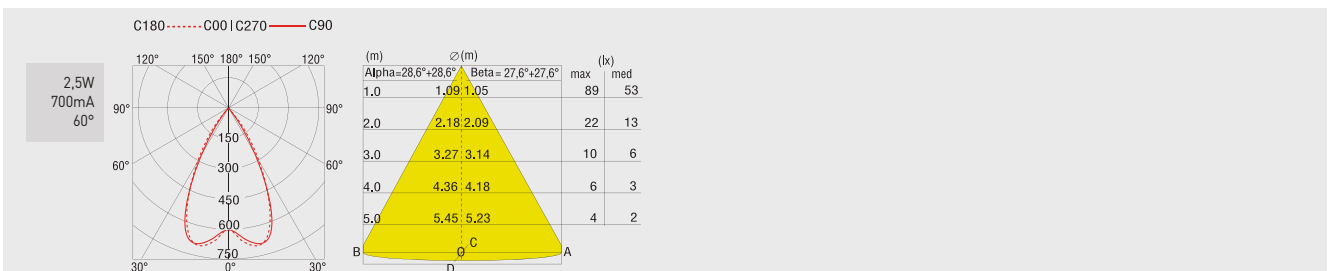
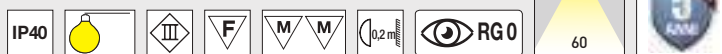
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644758	ON-OFF	8W	IP20	350mA
644759-1	ON-OFF	15W	IP20	350mA
644940	ON-OFF	12W	IP40	700mA
644936	ON-OFF	25W	IP40	700mA

ACC. Ghiera per applicazione a soffitto - Ring for ceiling mounting

Bi	120		
Cr	120-CR		

$\varnothing 66,5$





SHELF LED T-Q COB

- Incasso per mensole con anello in acciaio verniciato in polveri.
- Molle di fissaggio. Schermo in materiale termoplastico.
- Dissipatore e cavetto lunghezza 0,3 m.
- Recessed for shelves with ring made of powder coated steel.
- Fixing springs and screen made of thermoplastic material.
- Heatsink and power cables length 0,3 m.

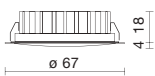


58 mm

LAMP	VOLT-MA	WATT	LUMEN	HOURL*
SHELF LED COB	350mA	3,5W	285	50.000
SHELF LED	350mA 700mA	1,2W 2,5W	80 121	50.000
HSG G4	12V	10W 20W	140 300	2.000

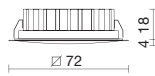
* HOUR Durata media - Average Life

SHELF LED T COB						
	0021COB					
	0022COB					
	0023COB	1x3,5W	285	350mA	3000	>80
	0024COB					
	0025COB					



58 mm

SHELF LED Q COB						
	0021COB-Q					
	0022COB-Q					
	0023COB-Q	1x3,5W	285	350mA	3000	>80
	0024COB-Q					
	0025COB-Q					



58 mm

SHELF LED T COB - IP54						
	0021COB-54					
	0022COB-54	1x3,5W	285	350mA	3000	>80
	0023COB-54					



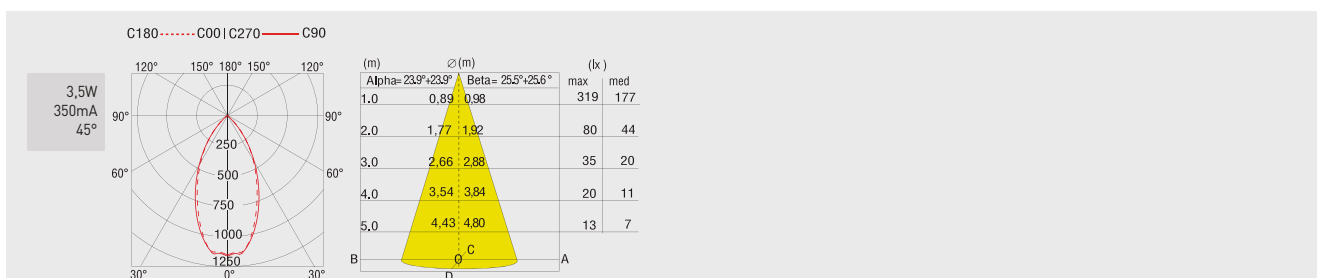
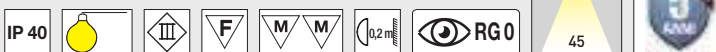
58 mm

ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644758	ON-OFF	8W	IP20	350mA
644759-1	ON-OFF	15W	IP20	350mA

ACC. Ghiera per applicazione a soffitto - Ring for ceiling mounting

Bi	120		
Cr	120-CR		







- Corpo in metallo verniciato in polveri.
- Parabola in alluminio ossidato.
- Schermo in policarbonato trasparente.
- Molle di fissaggio.
- Cavo di alimentazione lunghezza 250 mm.

- Metal body coated with powders.
- Anodized aluminium ring.
- Transparent polycarbonate screen.
- Fixing springs.
- Feeding wire 250 mm. length.



57 mm $\Delta = 0,5 \pm 1$ mm

				(W)	(lm)	(V)	(K)	(CRI)
	Bi	0045						
	Ne	0046		2,1W	235	700mA	3000	>80
	Cr	0047						
	Oro	0048						
	Bi	0050						
	Ne	0051		2,1W	250	700mA	4000	>80
	Cr	0052						
	Oro	0053						



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644940	ON-OFF	IP40	12W	700mA
644936	ON-OFF	IP40	25W	700mA

IP 20







- Corpo rotondo in metallo.
- Conduttori in rame stagnato AWG22, isolamento in PVC, lunghezze: 250 mm.
- Clip a scatto per una facile installazione.
- Durata nominale: 50.000 (h) L70 B50.
- Costanza cromatica: 3 SDCM.



- Round metal body.
- AWG22 tinned copper conductors, PVC insulation, lengths: 250 mm.
- Snap clips for easy installation.
- Led life: 50.000 (h) L70 B50.
- Chromatic constancy: 3 SDCM.

				(W)	(lm)	(I)	(K)	(CRI)
Bi 0,16	0035			1W	130	350mA	3000	>80
	0040				140		4500	

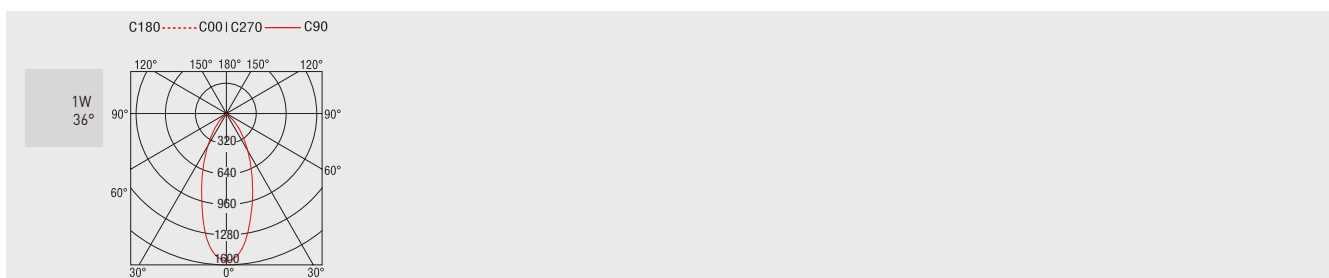
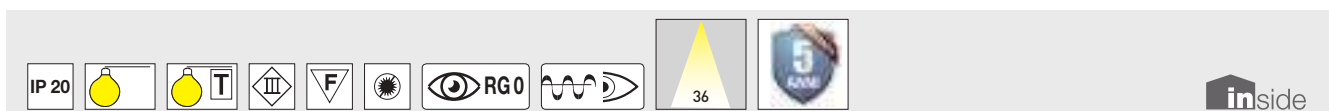
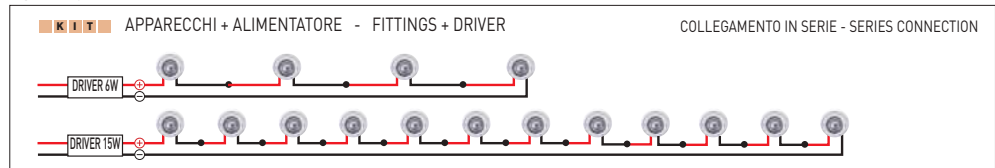
Driver output 350mA da ordinare separatamente - Driver output 350mA to be ordered separately

ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644758	ON-OFF	8W	IP20	350mA
644759-1	ON-OFF	15W	IP20	350mA

KIT 0,60	4 APPARECCHI + ALIMENTATORE - 4 FITTINGS + DRIVER					
	Bi	KT0035-4 KT0040-4	1W	130 140	220-240V (350mA)	3000 4500
KIT 1,90	12 APPARECCHI + ALIMENTATORE - 12 FITTINGS + DRIVER					
	Bi	KT0035-12 KT0040-12	1W	130 140	220-240V (350mA)	3000 4500

ESEMPIO - EXAMPLE



DOT TONDO 20 - 30 - 45



- Corpo in alluminio verniciato.
- Diffusore in PMMA fascio spot e medio.
- Dissipatore in alluminio.
- Durata nominale: 50.000 (h) L80 B10.
- Costanza cromatica: 3 SDCM.
- Fissaggio a controsoffitto con molle.
- Codici KIT solo per controsoffitti accessibili.

- Aluminium painted body.
- Diffuser in PMMA spot and medium beam.
- Aluminium heatsink.
- Led life: 50.000 (h) L80 B10.
- Chromatic constancy: 3 SDCM.
- Fixing to false-ceiling with springs.
- KIT codes only for accessible ceilings.



DOT TONDO 20				W	lm	I	K	CRI
	Bi	1224-LBC	1226-LBC	1,2W	90	350mA	3000	>80
	Ne	1225-LBC	1227-LBC					
	Bi	1224-LBN	1226-LBN	1,2W	100	350mA	4000	>80
	Ne	1225-LBN	1227-LBN					
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED								
644758 ON-OFF				8W	IP20	350mA		
644759-1 ON-OFF				15W	IP20	350mA		

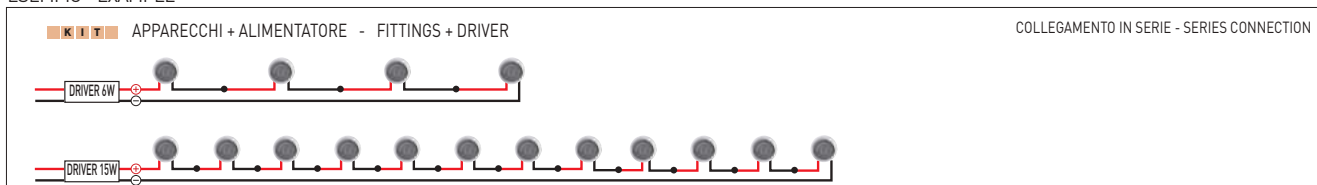
DOT TONDO 20		KIT 4 APPARECCHI + ALIMENTATORE - 4 FITTINGS + DRIVER						
	Bi	KT1224-LBC-4	KT1226-LBC-4	4 x 1,2W	90	220-240V (350mA)	3000	>80
	Ne	KT1225-LBC-4	KT1227-LBC-4					
	Bi	KT1224-LBN-4	KT1226-LBN-4	4 x 1,2W	100	220-240V (350mA)	4000	>80
	Ne	KT1225-LBN-4	KT1227-LBN-4					
		KIT 12 APPARECCHI + ALIMENTATORE - 12 FITTINGS + DRIVER						
	Bi	KT1224-LBC-12	KT1226-LBC-12	12 x 1,2W	90	220-240V (350mA)	3000	>80
	Ne	KT1225-LBC-12	KT1227-LBC-12					
	Bi	KT1224-LBN-12	KT1226-LBN-12	12 x 1,2W	100	220-240V (350mA)	4000	>80
	Ne	KT1225-LBN-12	KT1227-LBN-12					

DOT TONDO 30				W	lm	I	K	CRI
	Bi	1220-LBC	1222-LBC	1,2W	90	350mA	3000	>80
	Ne	1221-LBC	1223-LBC					
	Bi	1220-LBN	1222-LBN	1,2W	100	350mA	4000	>80
	Ne	1221-LBN	1223-LBN					
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED								
644758 ON-OFF				8W	IP20	350mA		
644759-1 ON-OFF				15W	IP20	350mA		

DOT TONDO 30		KIT 4 APPARECCHI + ALIMENTATORE - 4 FITTINGS + DRIVER						
	Bi	KT1220-LBC-4	KT1222-LBC-4	4 x 1,2W	90	220-240V (350mA)	3000	>80
	Ne	KT1221-LBC-4	KT1223-LBC-4					
	Bi	KT1220-LBN-4	KT1222-LBN-4	4 x 1,2W	100	220-240V (350mA)	4000	>80
	Ne	KT1221-LBN-4	KT1223-LBN-4					
		KIT 12 APPARECCHI + ALIMENTATORE - 12 FITTINGS + DRIVER						
	Bi	KT1220-LBC-12	KT1222-LBC-12	12 x 1,2W	90	220-240V (350mA)	3000	>80
	Ne	KT1221-LBC-12	KT1223-LBC-12					
	Bi	KT1220-LBN-12	KT1222-LBN-12	12 x 1,2W	100	220-240V (350mA)	4000	>80
	Ne	KT1221-LBN-12	KT1223-LBN-12					

OP. A richiesta - On request: disponibile - available

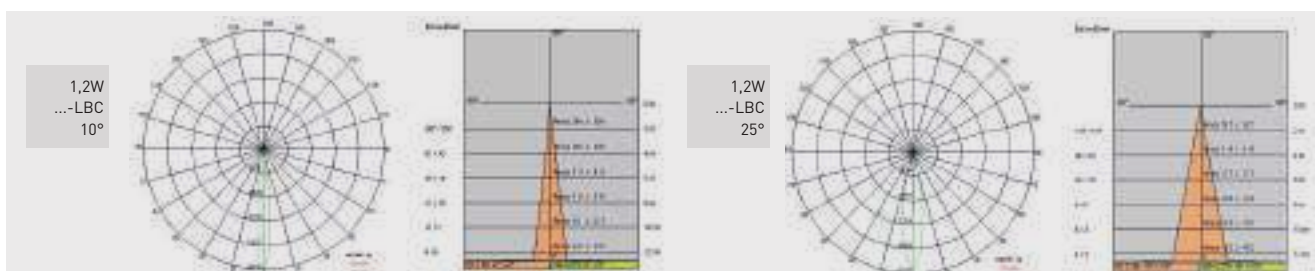
ESEMPIO - EXAMPLE





DOT TONDO 45					W	lm	I	K	CRI
	Bi	1228-LBC	1230-LBC		4,2W	540	350mA	3000	>80
	Ne	1229-LBC	1231-LBC						
	Bi	1228-LBN	1230-LBN		4,2W	600	350mA	4000	>80
	Ne	1229-LBN	1231-LBN						
 ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED 645906 ON-OFF 20W IP20 350mA									
KIT 4 APPARECCHI + ALIMENTATORE - 4 FITTINGS + DRIVER									
	Bi	KT1228-LBC-4	KT1230-LBC-4		4 x 4,2W	540	220-240V (350mA)	3000	>80
	Ne	KT1229-LBC-4	KT1231-LBC-4						
	Bi	KT1228-LBN-4	KT1230-LBN-4		4 x 4,2W	600	220-240V (350mA)	4000	>80
	Ne	KT1229-LBN-4	KT1231-LBN-4						

*Solo apparecchio - Only fitting

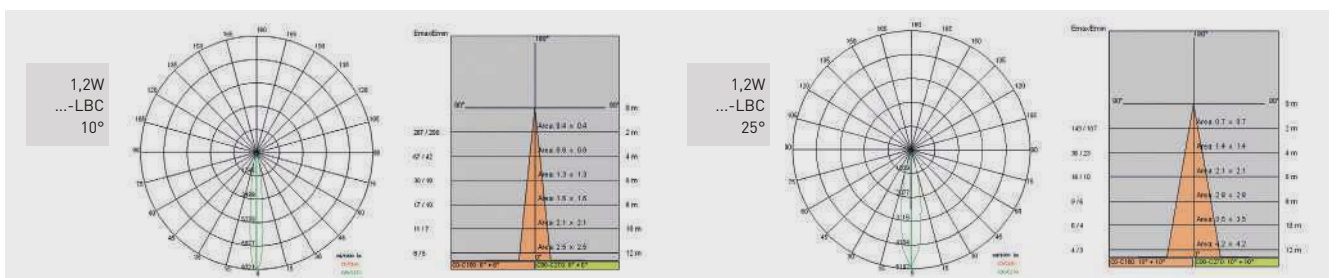


ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color



*Solo apparecchio - Only fitting

IP 20





DOT QUADRO 20 - 30

- Corpo in alluminio verniciato.
- Diffusore in PMMA fascio spot e medio.
- Dissipatore in alluminio.
- Durata nominale: 50.000 (h) L80 B10.
- Costanza cromatica: 3 SDCM.
- Fissaggio a controsoffitto con molle.
- Codici KIT solo per controsoffitti accessibili.

- Aluminium painted body.
- Diffuser in PMMA spot and medium beam.
- Aluminium heatsink.
- Led life: 50.000 (h) L80 B10.
- Chromatic constancy: 3 SDCM.
- Fixing to false-ceiling with springs.
- KIT codes only for accessible ceilings.

DOT TONDO 20



19 mm $\nabla = 1 \pm 30$ mm

DOT TONDO 30



25 mm $\nabla = 1 \pm 30$ mm

DOT QUADRO 20						
	Bi 1224-Q-LBC 1226-Q-LBC	1,2W	90	350mA	3000	>80
	Ne 1225-Q-LBC 1227-Q-LBC					
	Bi 1224-Q-LBN 1226-Q-LBN	1,2W	100	350mA	4000	>80
	Ne 1225-Q-LBN 1227-Q-LBN					
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED						
644758 ON-OFF		6W	IP20	350mA		
644759-1 ON-OFF		15W	IP20	350mA		

DOT QUADRO 20		KIT		4 APPARECCHI + ALIMENTATORE - 4 FITTINGS + DRIVER						
	Bi	KT1224-Q-LBC4	KT1226-Q-LBC4	4 x 1,2W	90	220-240V [350mA]	3000	>80		
	Ne	KT1225-Q-LBC4	KT1227-Q-LBC4							
	Bi	KT1224-Q-LBN4	KT1226-Q-LBN4	4 x 1,2W	100	220-240V [350mA]	4000	>80		
	Ne	KT1225-Q-LBN4	KT1227-Q-LBN4							
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED										
644758 ON-OFF		6W	IP20	350mA						
644759-1 ON-OFF		15W	IP20	350mA						

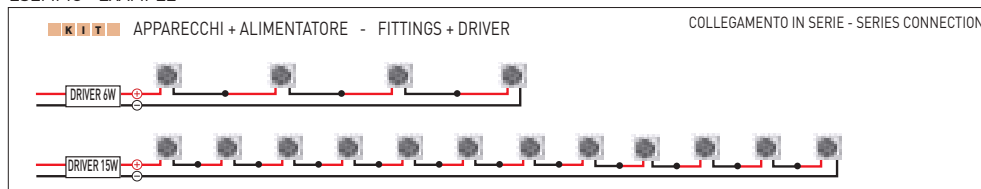
DOT QUADRO 30						
	Bi 1220-Q-LBC 1222-Q-LBC	1,2W	90	350mA	3000	>80
	Ne 1221-Q-LBC 1223-Q-LBC					
	Bi 1220-Q-LBN 1222-Q-LBN	1,2W	100	350mA	4000	>80
	Ne 1221-Q-LBN 1223-Q-LBN					
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED						
644758 ON-OFF		6W	IP20	350mA		
644759-1 ON-OFF		15W	IP20	350mA		

DOT QUADRO 30		KIT		4 APPARECCHI + ALIMENTATORE - 4 FITTINGS + DRIVER						
	Bi	KT1220-Q-LBC4	KT1222-Q-LBC4	4 x 1,2W	90	220-240V [350mA]	3000	>80		
	Ne	KT1221-Q-LBC4	KT1223-Q-LBC4							
	Bi	KT1220-Q-LBN4	KT1222-Q-LBN4	4 x 1,2W	100	220-240V [350mA]	4000	>80		
	Ne	KT1221-Q-LBN4	KT1223-Q-LBN4							
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED										
644758 ON-OFF		6W	IP20	350mA						
644759-1 ON-OFF		15W	IP20	350mA						

OP. A richiesta - On request: disponibile - available



ESEMPIO - EXAMPLE







- Incasso in pressofusione di alluminio verniciato in polveri.
- Accessed trim of die-cast aluminium in powder coated.

		INCASSO FISSO - FIXED RECESSED Br 2845-S Ne 2846-S 3,5W 210 12V 2700 >80 G4 Cr 2847-S Oro 2848-S						



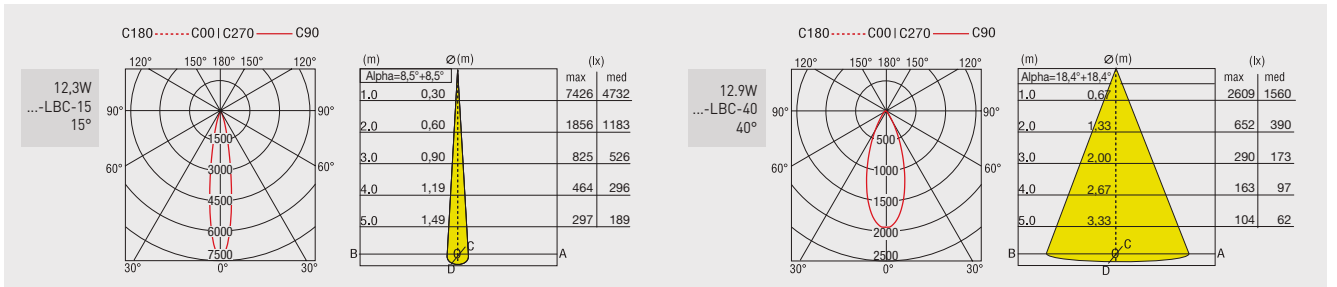
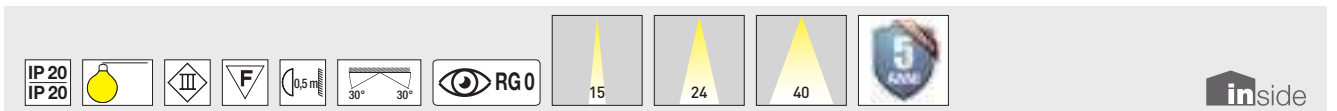
		INCASSO SEMIORIENTABILE - SEMI-ADJUSTABLE RECESSED Br 2855-S Ne 2856-S 3,5W 210 12V 2700 >80 G4 Cr 2857-S Oro 2858-S						



	ACC.	615810	Lampadina - Bulb	Led MR11	3,5W	G4
		645586	Alimentatore - Driver	Led	50W	

ESEMPIO ORDINE - ORDER EXAMPLE

	+		+	
COD 2845-S		COD 615810		COD 645586





- Incasso in pressofusione di alluminio verniciato in polveri.
- 3 power Led con lenti.
- Recessed trim of die-cast aluminium powder coated.
- 3 power-Led with lens.

LED COB			(W)	(lm)	(V)	(K)		(CRI)
		INCASSI FISSI - FIXED RECESSED						
Bi 2815C-LBC-15								
Ne 2816C-LBC-15		15	12,3W	1040	350mA	3000		>90
Cr 2817C-LBC-15								
Oro 2818C-LBC-15								
Bi 2815C-LBN-15								
Ne 2816C-LBN-15		15	12,3W	1120	350mA	4000		>90
Cr 2817C-LBN-15								
Oro 2818C-LBN-15								
Bi 2815C-LBC-24								
Ne 2816C-LBC-24		24	12,9W	1430	350mA	3000		>80
Cr 2817C-LBC-24								
Oro 2818C-LBC-24								
Bi 2815C-LBN-24								
Ne 2816C-LBN-24		24	12,9W	1510	350mA	4000		>80
Cr 2817C-LBN-24								
Oro 2818C-LBN-24								
Bi 2815C-LBC-40								
Ne 2816C-LBC-40		40	12,9W	1360	350mA	3000		>80
Cr 2817C-LBC-40								
Oro 2818C-LBC-40								
Bi 2815C-LBN-40								
Ne 2816C-LBN-40		40	12,9W	1430	350mA	4000		>80
Cr 2817C-LBN-40								
Oro 2818C-LBN-40								
		INCASSI SEMIORIENTABILI - SEMI-ADJUSTABLE RECESSED						
Bi 2825C-LBC-15								
Ne 2826C-LBC-15		15	12,3W	1040	350mA	3000		>90
Cr 2827C-LBC-15								
Oro 2828C-LBC-15								
Bi 2825C-LBN-15								
Ne 2826C-LBN-15		15	12,3W	1120	350mA	4000		>90
Cr 2827C-LBN-15								
Oro 2828C-LBN-15								
Bi 2825C-LBC-24								
Ne 2826C-LBC-24		24	12,9W	1430	350mA	3000		>80
Cr 2827C-LBC-24								
Oro 2828C-LBC-24								
Bi 2825C-LBN-24								
Ne 2826C-LBN-24		24	12,9W	1510	350mA	4000		>80
Cr 2827C-LBN-24								
Oro 2828C-LBN-24								
Bi 2825C-LBC-40								
Ne 2826C-LBC-40		40	12,9W	1360	350mA	3000		>80
Cr 2827C-LBC-40								
Oro 2828C-LBC-40								
Bi 2825C-LBN-40								
Ne 2826C-LBN-40		40	12,9W	1430	350mA	4000		>80
Cr 2827C-LBN-40								
Oro 2828C-LBN-40								
		ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED						
644759-1		ON-OFF	15W	IP20	350mA			
645984		ON-OFF	15W	IP40	350mA			

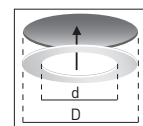


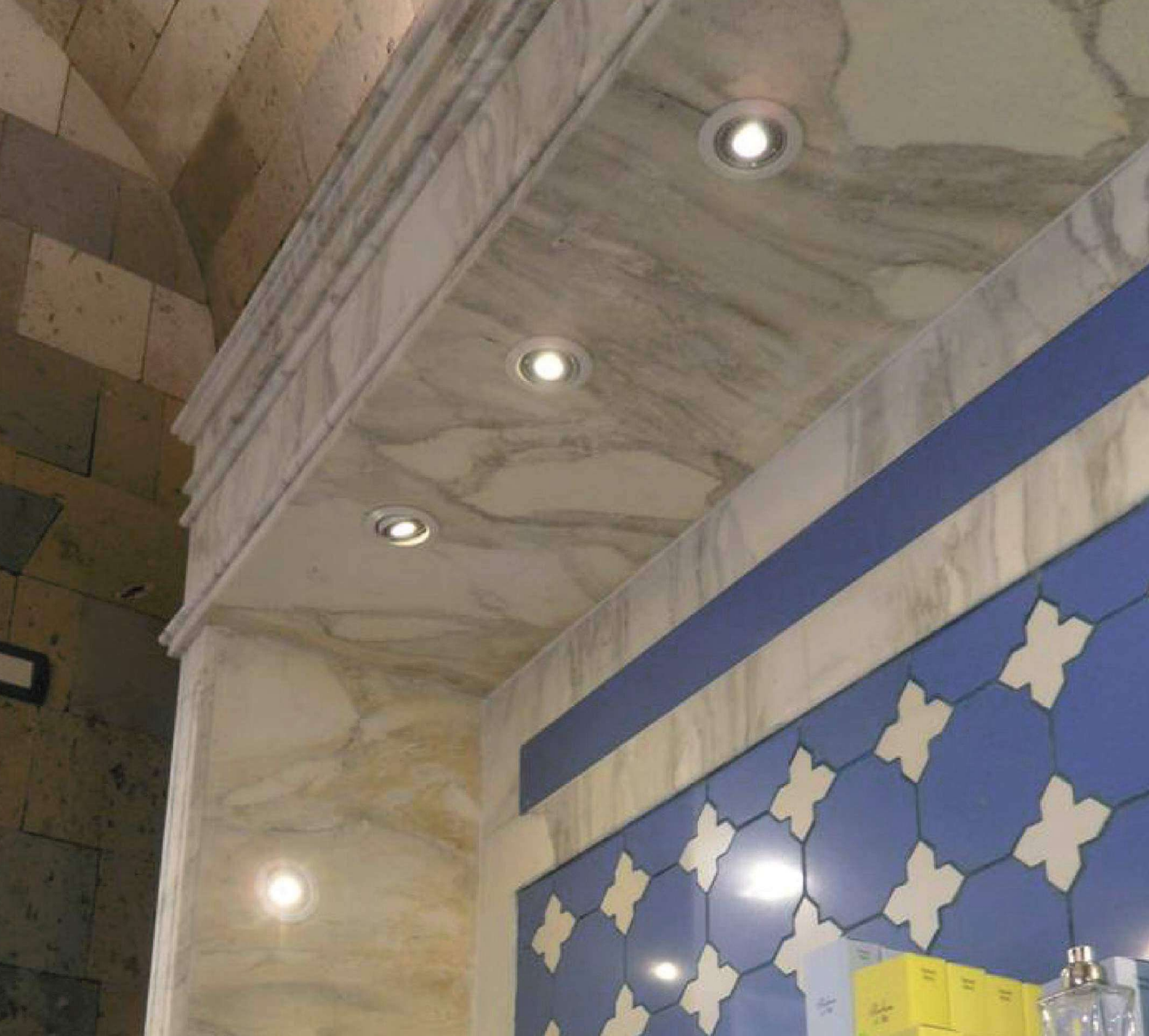
76 mm Δ = 0±20 mm



82 mm Δ = 0±20 mm

ACC.						
116	Anello di compensazione - Compensation ring - JOCKER COB	d=75 mm/D=150 mm				
117	Anello di compensazione - Compensation ring - JOCKER COB ORIENTABILE	d=80 mm/D=160 mm				

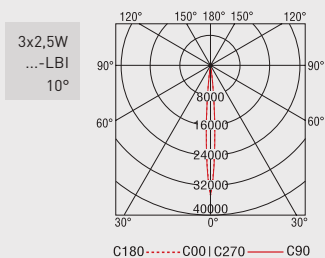




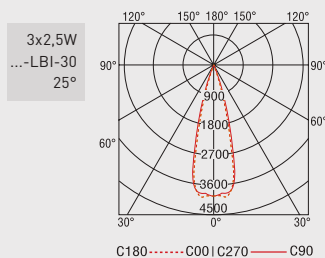
IP 20
IP 20



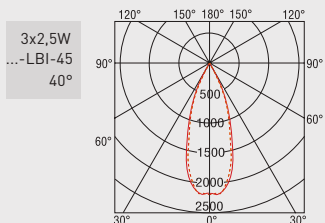
inside



(m)	Ø (m)		(lx)	
	Alpha = 2,9° ± 2,9°	Beta = 2,6° ± 2,6°	max	med
1,0	0,10	0,11	21053	12681
2,0	0,20	0,21	5263	3170
3,0	0,30	0,32	2339	1409
4,0	0,40	0,42	1316	793
5,0	0,50	0,53	842	507



(m)	Ø (m)		(lx)	
	Alpha = 12,4° ± 12,4°	Beta = 13,3° ± 13,3°	max	med
1,0	0,44	0,47	1914	1265
2,0	0,88	0,95	479	316
3,0	1,32	1,42	213	141
4,0	1,77	1,89	120	79
5,0	2,21	2,36	77	51

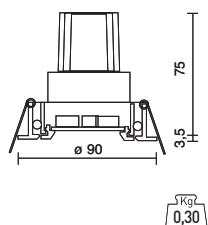
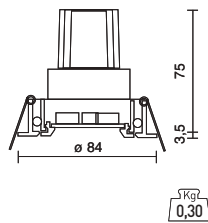


(m)	Ø (m)		(lx)	
	Alpha = 15,9° ± 15,9°	Beta = 17,5° ± 17,5°	max	med
1,0	0,57	0,63	930	573
2,0	1,14	1,26	232	143
3,0	1,71	1,89	103	64
4,0	2,27	2,52	58	36
5,0	2,84	3,15	37	23



- Incasso in pressofusione di alluminio verniciato in polveri.
- 3 power Led con lenti.
- Recessed trim of die-cast aluminium powder coated.
- 3 power-Led with lens.

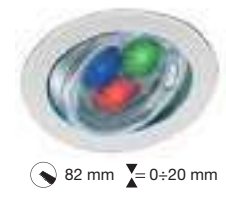
				(W)	(lm)	(V)	(K)	(CRI)
INCASSI FISSI - FIXED RECESSED								
Bi	2815-LBC-10	2815-LBC-30	2815-LBC-45					
Ne	2816-LBC-10	2816-LBC-30	2816-LBC-45	3x1,2W	240	350mA	3000	>80
Cr	2817-LBC-10	2817-LBC-30	2817-LBC-45	3x2,5W	410	700mA		
Oro	2818-LBC-10	2818-LBC-30	2818-LBC-45					
<hr/>								
Bi	2815-LBN-10	2815-LBN-30	2815-LBN-45					
Ne	2816-LBN-10	2816-LBN-30	2816-LBN-45	3x1,2W	270	350mA	4000	>80
Cr	2817-LBN-10	2817-LBN-30	2817-LBN-45	3x2,5W	460	700mA		
Oro	2818-LBN-10	2818-LBN-30	2818-LBN-45					
<hr/>								
Bi	2815-LBI-10	2815-LBI-30	2815-LBI-45					
Ne	2816-LBI-10	2816-LBI-30	2816-LBI-45	3x1,2W	300	350mA	6000	>80
Cr	2817-LBI-10	2817-LBI-30	2817-LBI-45	3x2,5W	510	700mA		
Oro	2818-LBI-10	2818-LBI-30	2818-LBI-45					
<hr/>								
INCASSI SEMIORIENTABILI - SEMI-ADJUSTABLE RECESSED								
Bi	2825-LBC	2825-LBC-30	2825-LBC-45					
Ne	2826-LBC	2826-LBC-30	2826-LBC-45	3x1,2W	240	350mA	3000	>80
Cr	2827-LBC	2827-LBC-30	2827-LBC-45	3x2,5W	410	700mA		
Oro	2828-LBC	2828-LBC-30	2828-LBC-45					
<hr/>								
Bi	2825-LBN-10	2825-LBN-30	2825-LBN-45					
Ne	2826-LBN-10	2826-LBN-30	2826-LBN-45	3x1,2W	270	350mA	4000	>80
Cr	2827-LBN-10	2827-LBN-30	2827-LBN-45	3x2,5W	460	700mA		
Oro	2828-LBN-10	2828-LBN-30	2828-LBN-45					
<hr/>								
Bi	2825-LBI	2825-LBI-30	2825-LBI-45					
Ne	2826-LBI	2826-LBI-30	2826-LBI-45	3x1,2W	300	350mA	6000	>80
Cr	2827-LBI	2827-LBI-30	2827-LBI-45	3x2,5W	510	700mA		
Oro	2828-LBI	2828-LBI-30	2828-LBI-45					
<hr/>								
Bi	2825-RGB-10	2825-RGB-30	2825-RGB-45					
Ne	2826-RGB-10	2826-RGB-30	2826-RGB-45					
Cr	2827-RGB-10	2827-RGB-30	2827-RGB-45	3x1W	-	350mA		-
Oro	2828-RGB-10	2828-RGB-30	2828-RGB-45					



76 mm $\Delta = 0 \pm 20$ mm



82 mm $\Delta = 0 \pm 20$ mm



82 mm $\Delta = 0 \pm 20$ mm



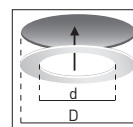
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644758	ON-OFF	8W	IP20	350mA
644759-1	ON-OFF	15W	IP20	350mA
646427	ON-OFF	12W	IP20	350mA
644940	ON-OFF	12W	IP40	700mA
644936	ON-OFF	25W	IP40	700mA

OP.-LBL = LED blu-blue



ACC.	116	Anello di compensazione - Compensation ring - JOCKER 3 LED d=75 mm/D=150 mm
	117	Anello di compensazione - Compensation ring - JOCKER 3 LED ORIENTABILE d=80 mm/D=160 mm



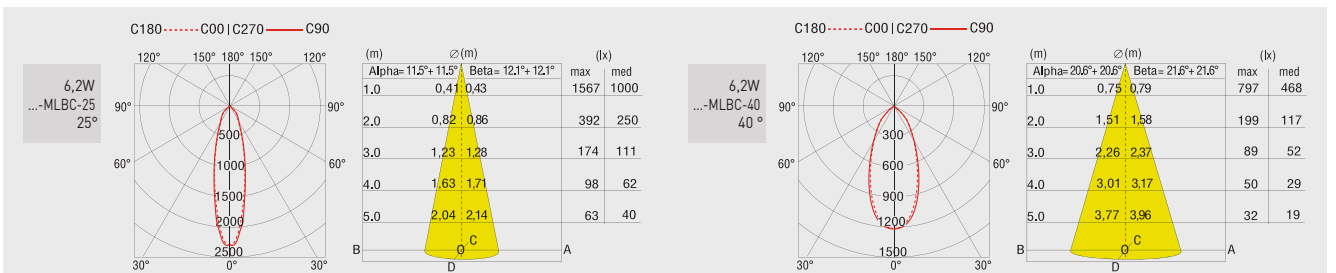


*Solo apparecchio - Only fitting

IP 20
IP 20



inside



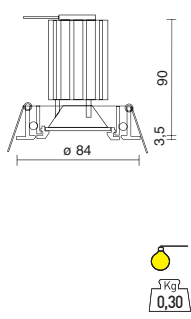


- Incasso in pressofusione di alluminio verniciato in polveri.
- Modulo Led COB in dotazione con schermo opale e dissipatore in alluminio anodizzato.
- Riflettore in materiale termoplastico metallizzato.

- Recessed trim of die-cast aluminium powder coated.
- Supplied COB Led module with opal screen and anodized aluminium heatsink.
- Metalized thermoplastic material reflector.

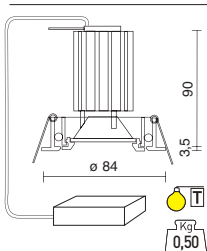
LED COB

INCASSI FISSI - FIXED RECESSED								
Bi	2815-MLBC-25	2815-MLBC-40						
Ne	2816-MLBC-25	2816-MLBC-40	1x6,2W	770	350mA	3000	>80	
Cr	2817-MLBC-25	2817-MLBC-40						
Oro	2818-MLBC-25	2818-MLBC-40						
Bi		2815-MLBN-25	2815-MLBN-40					
Ne		2816-MLBN-25	2816-MLBN-40	1x6,2W	860	350mA	4000	>80
Cr		2817-MLBN-25	2817-MLBN-40					
Oro		2818-MLBN-25	2818-MLBN-40					
Bi		2815-MLBI-25	2815-MLBI-40					
Ne		2816-MLBI-25	2816-MLBI-40	1x6,2W	960	350mA	5600	>80
Cr		2817-MLBI-25	2817-MLBI-40					
Oro		2818-MLBI-25	2818-MLBI-40					



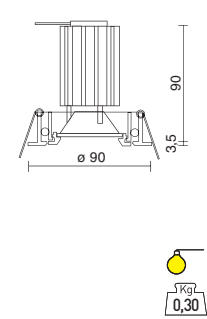
KIT APPARECCHIO + ALIMENTATORE - FITTING + DRIVER

INCASSI FISSI - FIXED RECESSED								
Bi	KT2815-MLBC25	KT2815-MLBC40						
Ne	KT2816-MLBC25	KT2816-MLBC40	1x6,2W	770	220-240V (350mA)	3000	>80	
Cr	KT2817-MLBC25	KT2817-MLBC40						
Oro	KT2818-MLBC25	KT2818-MLBC40						
Bi		KT2815-MLBN25	KT2815-MLBN40					
Ne		KT2816-MLBN25	KT2816-MLBN40	1x6,2W	860	220-240V (350mA)	4000	>80
Cr		KT2817-MLBN25	KT2817-MLBN40					
Oro		KT2818-MLBN25	KT2818-MLBN40					



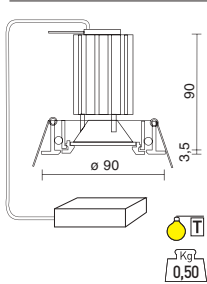
KIT APPARECCHIO + ALIMENTATORE - FITTING + DRIVER

INCASSI SEMIORIENTABILI - SEMI-ADJUSTABLE RECESSED								
Bi	2825-MLBC-25	2825-MLBC-40						
Ne	2826-MLBC-25	2826-MLBC-40	1x6,2W	770	350mA	3000	>80	
Cr	2827-MLBC-25	2827-MLBC-40						
Oro	2828-MLBC-25	2828-MLBC-40						
Bi		2825-MLBN-25	2825-MLBN-40					
Ne		2826-MLBN-25	2826-MLBN-40	1x6,2W	860	350mA	4000	>80
Cr		2827-MLBN-25	2827-MLBN-40					
Oro		2828-MLBN-25	2828-MLBN-40					
Bi		2825-MLBI-25	2825-MLBI-40					
Ne		2826-MLBI-25	2826-MLBI-40	1x6,2W	960	350mA	5600	>80
Cr		2827-MLBI-25	2827-MLBI-40					
Oro		2828-MLBI-25	2828-MLBI-40					



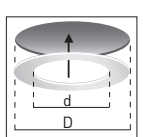
KIT APPARECCHIO + ALIMENTATORE - FITTING + DRIVER

INCASSI SEMIORIENTABILI - SEMI-ADJUSTABLE RECESSED								
Bi	KT2825-MLBC25	KT2825-MLBC40						
Ne	KT2826-MLBC25	KT2826-MLBC40	1x6,2W	770	220-240V (350mA)	3000	>80	
Cr	KT2827-MLBC25	KT2827-MLBC40						
Oro	KT2828-MLBC25	KT2828-MLBC40						
Bi		KT2825-MLBN25	KT2825-MLBN40					
Ne		KT2826-MLBN25	KT2826-MLBN40	1x6,2W	860	220-240V (350mA)	4000	>80
Cr		KT2827-MLBN25	KT2827-MLBN40					
Oro		KT2828-MLBN25	KT2828-MLBN40					



OP. A richiesta - On request: disponibile - available

- ACC. 116 Anello di compensazione - Compensation ring - JOCKER EMME
d=75 mm/D=150 mm
- 117 Anello di compensazione - Compensation ring - JOCKER EMME ORIENTABILE
d=80 mm/D=160 mm



MODULO LED DI RICAMBIO - LED MODULE REPLACEMENT

645646-BC	Modulo-Module Led COB	830lm	3000K	25°
645646-BN	Modulo-Module Led COB	900lm	4000K	25°
645646-BI	Modulo-Module Led COB	1100lm	5600K	25°
645647-BC	Modulo-Module Led COB	830lm	3000K	40°
645647-BN	Modulo-Module Led COB	900lm	4000K	40°
645647-BI	Modulo-Module Led COB	1100lm	5600K	40°





*Solo apparecchio - Only fitting

IP 20
IP 20

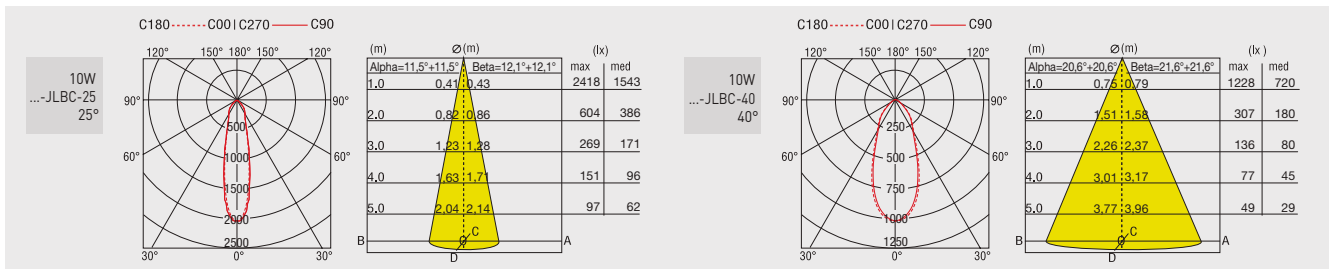
IK 04



*



inside





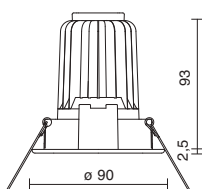
- Incasso e corpo modulo orientabile in pressofusione di alluminio verniciato in polveri.
- Modulo Led COB ceramico con schermo opale.
- Riflettore in materiale termoplastico metallizzato in alto vuoto.
- Molle in acciaio in fissaggio al controsoffitto.
- Led durata utile: 50.000 (h) L90 B10 - McAdam 3.
- Costanza cromatica: 3 SDCM.

- Recess and adjustable body module die cast aluminium painted in powders.
- Led COB ceramic module with opal screen.
- High vacuum metallized thermoplastic reflector.
- Steel springs for fixing to the false-ceiling.
- Led life: 50.000 (h) L90 B10 - McAdam 3.
- Chromatic constancy: 3 SDCM.



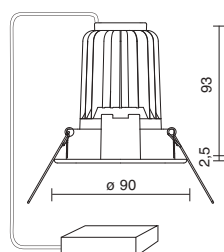
82 mm $\Delta = 0 \pm 20$ mm

LED COB				(W)	(lm)	(V)	(K)	(CRI)
Bi	2825-JLBC-25	2825-JLBC-40		12W	1200	350mA	3000	>95
Ne	2826-JLBC-25	2826-JLBC-40						
Bi	2825-JLBN-25	2825-JLBN-40		12W	1300	350mA	4000	>95
Ne	2826-JLBN-25	2826-JLBN-40						
Bi	2825-JLBC-25K	2825-JLBC-40K		12W	1200	350mA	2700	>95
Ne	2826-JLBC-25K	2826-JLBC-40K						



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644759-1	ON-OFF	15W		
644757	DIM PUSH/1÷10V	25W		
644757-DA	DIM DALI	25W	IP20	350mA
645939	DIM DALI	25W		



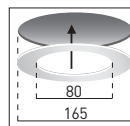
KIT APPARECCHIO + ALIMENTATORE - FITTING + DRIVER

Bi	KT2825-JLBC25	KT2825-JLBC40	Kit	14W	1200	220-240V (350mA)	3000	>95
Ne	KT2826-JLBC25	KT2826-JLBC40						
Bi	KT2825-JLBN25	KT2825-JLBN40	Kit	14W	1300	220-240V (350mA)	4000	>95
Ne	KT2826-JLBN25	KT2826-JLBN40						

OP. A richiesta - On request: disponibile - available



ACC. 117 Anello di compensazione - Compensation ring
d=80 mm/D=160 mm

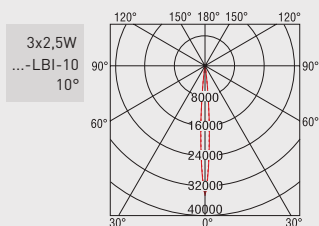




IP 20
IP 40

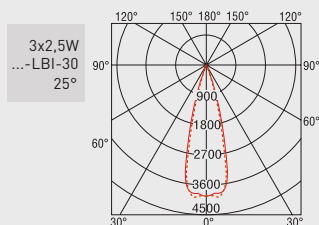


inside



(m)	Ø (m)		(lx)	
	Alpha=2,9°+2,9°	Beta=2,6°+2,6°	max	med
1,0	0,10	0,11	21053	12681
2,0	0,20	0,21	5263	3170
3,0	0,30	0,32	2339	1409
4,0	0,40	0,42	1316	793
5,0	0,50	0,53	842	507

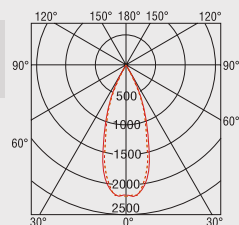
C180.....C00|C270 — C90



(m)	Ø (m)		(lx)	
	Alpha=12,4°+12,4°	Beta=13,2°+13,2°	max	med
1,0	0,44	0,47	1914	1265
2,0	0,88	0,95	479	316
3,0	1,32	1,42	213	141
4,0	1,77	1,89	120	79
5,0	2,21	2,36	77	51

C180.....C00|C270 — C90

3x2,5W
...-LBI-45
40°



(m)	Ø (m)		(lx)	
	Alpha=15,9°+15,9°	Beta=17,5°+17,5°	max	med
1,0	0,67	0,63	930	573
2,0	1,14	1,26	232	143
3,0	1,71	1,89	103	64
4,0	2,27	2,52	58	36
5,0	2,84	3,15	37	23



CO-LIGHT MINI



85 mm 5-30 mm

- Struttura in lamiera verniciata a polvere e molle di fissaggio.
- Sorgente luminosa con n. 3 Led di potenza ad alta resa completa di dissipatore in alluminio.
- Raffreddamento Led passivo con dissipatore.
- Painted steel powder coated body and lock spring.
- High efficiency 3 power Led lighting source with aluminium heatsink.
- Passive cooling Led with dissipator.

LED COB				(W)	(lm)	(V)	(K)	(A)	(CRI)
	Br	2819C-LBC-15							
	Ne	2820C-LBC-15	15	12,3W	1040	350mA	3000		>90
	Gr	2821C-LBC-15							
	Br	2819C-LBN-15							
	Ne	2820C-LBN-15	15	12,3W	1120	350mA	4000		>90
	Gr	2821C-LBN-15							
	Br	2819C-LBC-24							
	Ne	2820C-LBC-24	24	12,9W	1430	350mA	3000		>80
	Gr	2821C-LBC-24							
	Br	2819C-LBN-24							
	Ne	2820C-LBN-24	24	12,9W	1510	350mA	4000		>80
	Gr	2821C-LBN-24							
	Br	2819C-LBC-40							
	Ne	2820C-LBC-40	40	12,9W	1360	350mA	3000		>80
	Gr	2821C-LBC-40							
	Br	2819C-LBN-40							
	Ne	2820C-LBN-40	40	12,9W	1430	350mA	4000		>80
	Gr	2821C-LBN-40							
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED									
644759-1		ON-OFF	15W	IP20	350mA				
645984		ON-OFF	15W	IP20	350mA				

					(W)	(lm)	(V)	(K)	(CRI)	
	VERSIONE CON 3 LED - 3 LED VERSIONS									
	Bi	2819-LBC-10	2819-LBC-30	2819-LBC-45	3x1,2W	240	350mA	3000	>80	
	Ne	2820-LBC-10	2820-LBC-30	2820-LBC-45	3x2,5W	410	700mA			
	Gr	2821-LBC-10	2821-LBC-30	2821-LBC-45						
	Bi	2819-LBN-10	2819-LBN-30	2819-LBN-45	3x1,2W	240	350mA	4000	>80	
	Ne	2820-LBN-10	2820-LBN-30	2820-LBN-45	3x2,5W	410	700mA			
	Gr	2821-LBN-10	2821-LBN-30	2821-LBN-45						
	Bi	2819-LBI-10	2819-LBI-30	2819-LBI-45	3x1,2W	240	350mA	6000	>80	
	Ne	2820-LBI-10	2820-LBI-30	2820-LBI-45	3x2,5W	410	700mA			
	Gr	2821-LBI-10	2821-LBI-30	2821-LBI-45						
	Bi	2819-RGB-10	2819-RGB-30	2819-RGB-45	3x1W	-	350mA			
	Ne	2820-RGB-10	2820-RGB-30	2820-RGB-45						
	Gr	2821-RGB-10	2821-RGB-30	2821-RGB-45						
	ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED									
	644758		ON-OFF	8W	IP20	350mA				
	644759-1		ON-OFF	15W	IP20	350mA				
	646427		ON-OFF	12W	IP20	350mA				
644940		ON-OFF	12W	IP40	700mA					
644936		ON-OFF	25W	IP40	700mA					

OP.-LBL.. = LED blu-blue

ACC. 145 Piastra di rinforzo - Reinforcement plate







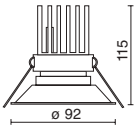
CO-LIGHT MINI EMME

- Struttura in lamiera verniciata a polvere e molle di fissaggio a filo.
- Modulo Led COB in dotazione con schermo opale e dissipatore in alluminio anodizzato.
- Painted steel powder coated body and lock spring at flat level.
- Supplied COB Led module with opal screen and anodized aluminium heatsink.



85 mm 5±30 mm

 	Br 2819-MLBC-25	2819-MLBC-40			
	Ne 2820-MLBC-25	2820-MLBC-40	1x6,2W	770	350mA
	Gr 2821-MLBC-25	2821-MLBC-40			3000
 	Br 2819-MLBN-25	2819-MLBN-40			
	Ne 2820-MLBN-25	2820-MLBN-40	1x6,2W	860	350mA
	Gr 2821-MLBN-25	2821-MLBN-40			4000
 	Br 2819-MLBI-25	2819-MLBI-40			
	Ne 2820-MLBI-25	2820-MLBI-40	1x6,2W	960	350mA
	Gr 2821-MLBI-25	2821-MLBI-40			5600



0,30 Kg



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644759-1	ON-OFF	15W	IP20	350mA
644647	ON-OFF	12W	IP20	350mA
644758	ON-OFF	8W	IP20	350mA



MODULO LED DI RICAMBIO - LED MODULE REPLACEMENT

645646-BC	Modulo-Module Led COB	830lm	3000K	25°
645646-BN	Modulo-Module Led COB	900lm	4000K	25°
645646-BI	Modulo-Module Led COB	1100lm	5600K	25°
645647-BC	Modulo-Module Led COB	830lm	3000K	40°
645647-BN	Modulo-Module Led COB	900lm	4000K	40°
645647-BI	Modulo-Module Led COB	1100lm	5600K	40°

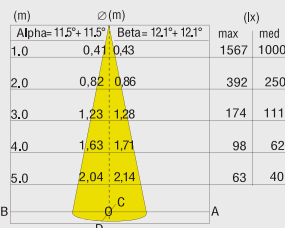
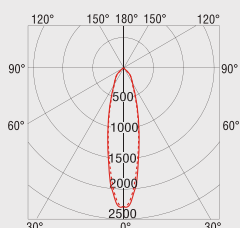


IP 20
IP 40

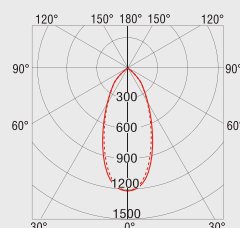


inside

C180 C00 | C270 — C90



C180 C00 | C270 — C90







CONFORT LED

- Corpo in acciaio verniciato in polvere.
- Ghiera anti abbagliante in alluminio verniciato in polvere.
- Riflettore in alluminio purissimo 99,8%.
- Vetro extrachiari temperato.
- Led durata utile: 50.000 (h) L90 B50.
- Costanza cromatica 3 SDCM.

- Steel powder coated body.
- Ring anti glare in aluminium powder coated body.
- Reflector in pure aluminium 99,8%.
- Clear tempered glass.
- Led life: 50.000 (h) L90 B50.
- Chromatic constancy: 3 SDCM.



105 mm $\Delta = 0 \pm 20$ mm

	Bi	Ne	LED					SISTEMA-SYSTEM			
			W	lm	V	K	CRI	W	lm	lm/W	
	41018-LBC	41019-LBC	31W	4170	220-240V (900mA)	3000	>80	35W	3662	104	
	Bi	Ne									
	41018-LBN	41019-LBN	31W	4395	220-240V (900mA)	4000	>80	35W	3860	110	

OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

IP 20



T



RG0

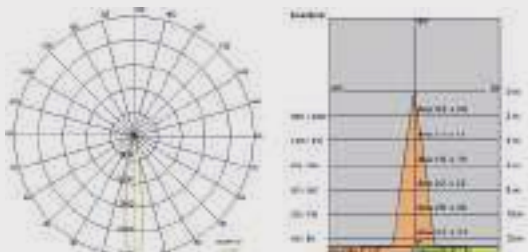


UGR <13



inside

31W
...-LBC
15°







SWING 10

- Corpo in pressofusione di alluminio EN AB-47100.
- Verniciatura per interni in polveri di poliestere.
- Fissaggio tramite molle in acciaio.
- Riflettore in alluminio purissimo 99,8%.
- Vetro temprato chiaro.
- Fermacavo in nylon 66.
- Durata nominale: 50000 (h) L90 B20.
- Costanza cromatiche: 3 SDCM

- Body in die-cast aluminium EN AB-47100.
- Indoor polyester powder painting.
- Fixing with steel springs.
- High purity aluminium reflector 99.8%.
- Light tempered glass.
- Cable clamp in nylon 66.
- Led life: 50000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.



95 mm $\Delta = 1 \div 30$ mm

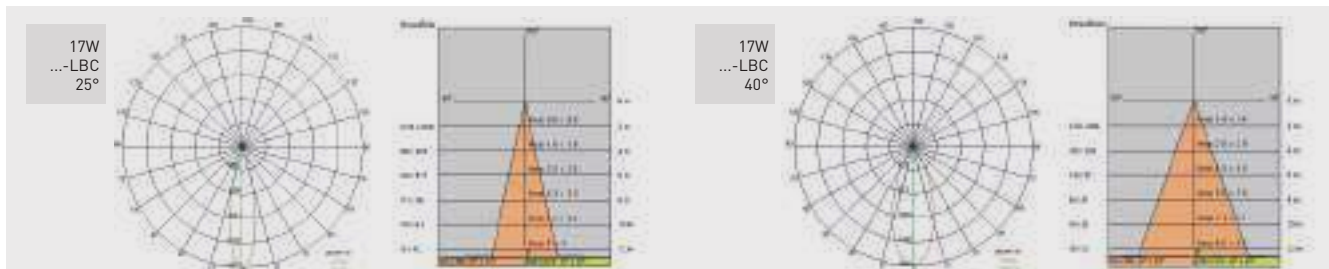


		Br 2880-LBC	2881-LBC	17W	2500	500mA	3000	>80
		Br 2880-LBN	2881-LBN	17 W	2665	500mA	4000	>80
				ALIMENTATORE - DRIVER 645086 OF 20W IP40 500mA 644757 PH 20W IP20 350/500/900mA 644757-DA DA 35W IP40 350/500/900mA				

		KIT APPARECCHIO + ALIMENTATORE - FITTING + DRIVER		20W	2500	220-240V (500mA)	3000	>80
		Br	KT2880-LBC-OF	KT2881-LBC-OF		2665		4000
				20W	2500	220-240V (500mA)	3000	>80
		Br	KT2880-LBC-PH	KT2881-LBC-PH		2665		4000
				20W	2500	220-240V (500mA)	3000	>80
		Br	KT2880-LBC-DA	KT2881-LBC-DA		2665		4000

OP. A richiesta - On request: disponibile - available

*Solo apparecchio - Only fitting



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color





SWING 13

- Corpo in pressofusione di alluminio EN AB-47100.
- Verniciatura per interni in polveri di poliestere.
- Fissaggio tramite molle in acciaio.
- Riflettore in alluminio purissimo 99,8%.
- Vetro temprato chiaro.
- Fermacavo in nylon 66.
- Durata nominale: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM

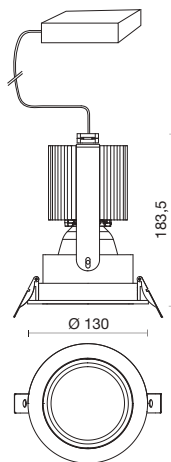
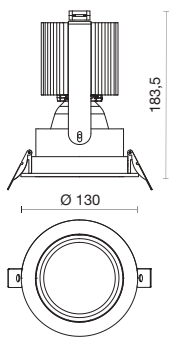
- Body in die-cast aluminium EN AB-47100.
- Indoor polyester powder painting.
- Fixing with steel springs.
- High purity aluminium reflector 99.8%.
- Light tempered glass.
- Cable clamp in nylon 66.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.



Ø 120 mm X = 1-30 mm

				(W)	(lm)	(V)	(K)	(CRI)
Br	2885-LBC	2886-LBC	2887-LBC	31W	4170	900mA	3000	>80
Br	2885-LBN	2886-LBN	2887-LBN	31W	4395	900mA	4000	>80

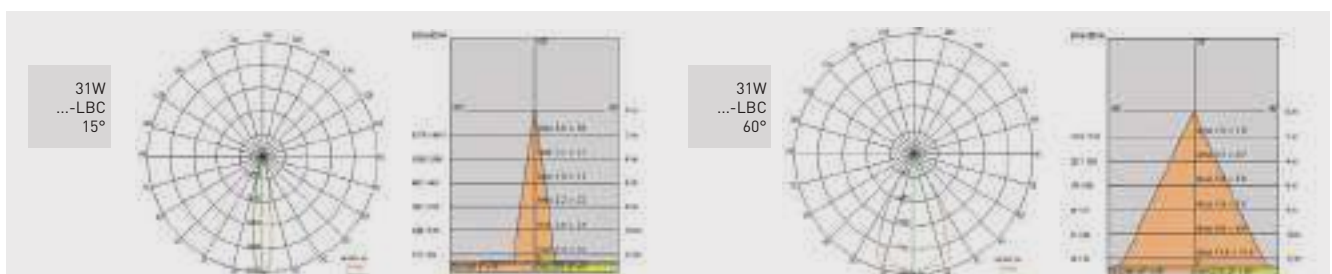
ALIMENTATORE - DRIVER					
646168-I	ON-OFF	36W	IP20	900mA	
645384-DA	DALI-PUSH 1- 10V	50W	IP20	900mA	



KIT APPARECCHIO + ALIMENTATORE - FITTING + DRIVER								
Br	KT2885-LBC-OF	KT2886-LBC-OF	KT2887-LBC-OF	35W	4170	220-240V	3000	>80
Br	KT2885-LBN-OF	KT2886-LBN-OF	KT2887-LBN-OF		4395	(900mA)	4000	
Br	KT2885-LBC-DA	KT2886-LBC-DA	KT2887-LBC-DA	35W	4170	220-240V	3000	>80
Br	KT2885-LBN-DA	KT2886-LBN-DA	KT2887-LBN-DA		4395	(900mA)	4000	

OP. A richiesta - On request: disponibile - available

*Solo apparecchio - Only fitting



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color







SWING 13 LOW

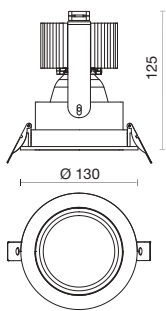
- Corpo in pressofusione di alluminio EN AB-47100.
- Verniciatura per interni in polveri di poliestere.
- Fissaggio tramite molle in acciaio.
- Riflettore in alluminio purissimo 99,8%.
- Vetro temprato chiaro.
- Fermacavo in nylon 66.
- Durata nominale: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.





- Body in die-cast aluminium EN AB-47100.
- Indoor polyester powder painting.
- Fixing with steel springs.
- High purity aluminium reflector 99.8%.
- Light tempered glass.
- Cable clamp in nylon 66.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.

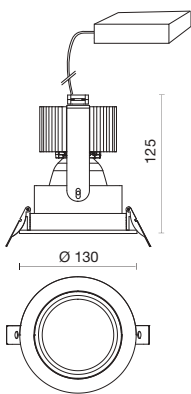





120 mm $\Delta = 1-30$ mm

		(W)	(lm)	(I)	(K)	(CRI)
 Br 2890-LBC  0,85	2890-LBC	48W	6486	1400mA	3000	>80
	2890-LBN	48W	6836	1400mA	4000	>80
ALIMENTATORE - DRIVER 645754 50W IP20 1400mA 645845 DALI 55W IP20 1400mA						

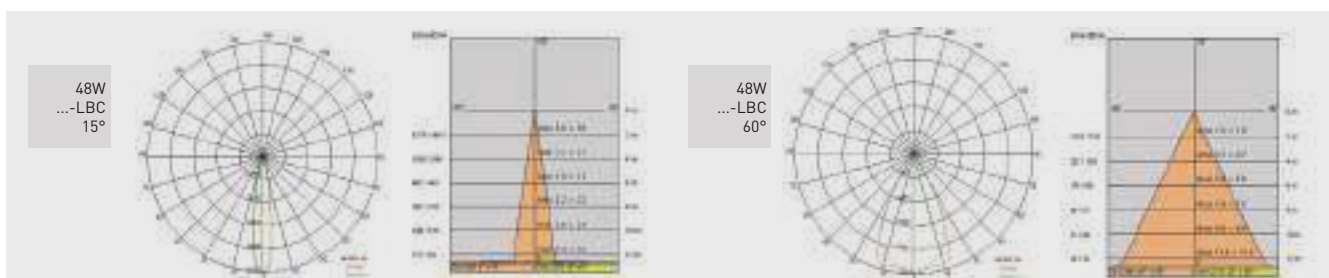


K I T APPARECCHIO + ALIMENTATORE - FITTING + DRIVER						
 Br  1,00	KT2890-LBC-OF	52W	6486	220-240V (1400mA)	3000	>80
	KT2890-LBN-OF		6836		4000	
 Br  1,00	KT2890-LBC-DA	52W	4170	220-240V (1400mA)	3000	>80
	KT2890-LBN-DA		4385		4000	



OP. A richiesta - On request: disponibile - available   

*Solo apparecchio - Only fitting



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color





NET 13 BLOCK

- Vano ottico in pressofusione di alluminio verniciato in polveri.
- Riflettore in alluminio purissimo.
- Raffreddamento Led passivo con dissipatore.
- Schermo di protezione Led in vetro extrachiario.
- Led durata utile: 50.000 (h) L90 B50.

- Optic tray made of die-cast aluminium powder coated.
- Reflector in pure aluminium.
- Passive cooling Led with dissipator.
- Clear glass screen protection Led.
- Led life: 50.000 (h) L90 B50.



125 mm 1÷30 mm

				LED					SISTEMA-SYSTEM			
				W	lm	V	K	CRI	W	lm	lm/W	
	Bi	57558-LBC-12	57558-LBC-25	57558-LBC-40	32W	4400	220-240V (900mA)	3000	>80	36W	3960	110
	Ga	57559-LBC-12	57559-LBC-25	57559-LBC-40								
	Bi	57558-LBN-12	57558-LBN-25	57558-LBN-40	32W	4600	220-240V (900mA)	4000	>80	36W	4170	116
	Ga	57559-LBN-12	57559-LBN-25	57559-LBN-40								
	Bi	57558-BC12-DA	57558-BC25-DA	57558-BC40-DA	32W	4400	220-240V (900mA)	3000	>80	36W	3960	110
	Ga	57559-BC12-DA	57559-BC25-DA	57559-BC40-DA								
	Bi	57558-BN12-DA	57558-BN25-DA	57558-BN40-DA	32W	4600	220-240V (900mA)	4000	>80	36W	4170	116
	Ga	57559-BN12-DA	57559-BN25-DA	57559-BN40-DA								

INCASSI PER CONTROSOFFITTI • RECESSED FOR FALSE-CEILINGS

IP 20
IP 44







NET 15 BLOCK

- Vano ottico in pressofusione di alluminio verniciato in polveri.
 - Vita 50.000 ore, resa cromatica >80, costanza cromatica <3MCE [T. max - 10°C + 40°C amb] - Norma riferimento EN 60598-1.
 - Riflettore in alluminio purissimo.
 - Raffreddamento Led passivo con dissipatore.
 - Schermo di protezione Led in policarbonato.
 - Lumen tipici a Tp. 65°.
 - Led durata utile: 50.000 (h) L90 B50.
- Optic tray made of die-cast aluminium powder coated.
 - 50.000 hours life, chromatic efficiency >80, chromatic constancy <3MCE. [T. max - 10°C + 40°C amb] - Reference law EN 60598-1.
 - Reflector in pure aluminium.
 - Passive cooling Led with dissipator.
 - Polycarbonate screen protection Led.
 - Lumen typical values at Tp. 65°.
 - Led life: 50.000 (h) L90 B50.



156 mm Δ 0=30 mm

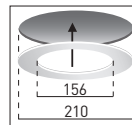
	Icona	60°	90°	LED					SISTEMA-SYSTEM			
				W	lm	V	K	CRI	W	lm	lm/W	
	Br	57564-LBC	57560-LBC	24W	3365	220-240V (700mA)	3000	>80	27W	3012	111	(60°)
	Ga	57565-LBC	57561-LBC						3014	112	(90°)	
	Br	57564-LBI	57560-LBI	24W	3570	220-240V (700mA)	4000	>80	27W	3196	118	(60°)
	Ga	57565-LBI	57561-LBI						3198	118	(90°)	
	Br	57566-LBC	57562-LBC	37W	4740	220-240V (1050mA)	3000	>80	41W	4243	103	(60°)
	Ga	57567-LBC	57563-LBC						4246	103	(90°)	
	Br	57566-LBI	57562-LBI	37W	4970	220-240V (1050mA)	4000	>80	41W	4449	108	(60°)
	Ga	57567-LBI	57563-LBI						4452	108	(90°)	
	Br	57564-LBC-DA	57560-LBC-DA	24W	3365	220-240V (700mA)	3000	>80	27W	3012	111	(60°)
	Ga	57565-LBC-DA	57561-LBC-DA						3014	112	(90°)	
	Br	57564-LBI-DA	57560-LBI-DA	24W	3570	220-240V (700mA)	4000	>80	27W	3196	118	(60°)
	Ga	57565-LBI-DA	57561-LBI-DA						3198	118	(90°)	
	Br	57566-LBC-DA	57562-LBC-DA	37W	4740	220-240V (1050mA)	3000	>80	41W	4243	103	(60°)
	Ga	57567-LBC-DA	57563-LBC-DA						4246	103	(90°)	
	Br	57566-LBI-DA	57562-LBI-DA	37W	4970	220-240V (1050mA)	4000	>80	41W	4449	108	(60°)
	Ga	57567-LBI-DA	57563-LBI-DA						4452	108	(90°)	

OP. A richiesta - On request: Led con temperatura di COLORE 2700K - Temperature Led COLOUR 2700K

ACC. A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit

INV 1052 Kit 1h
INV 1052-3 Kit 3h

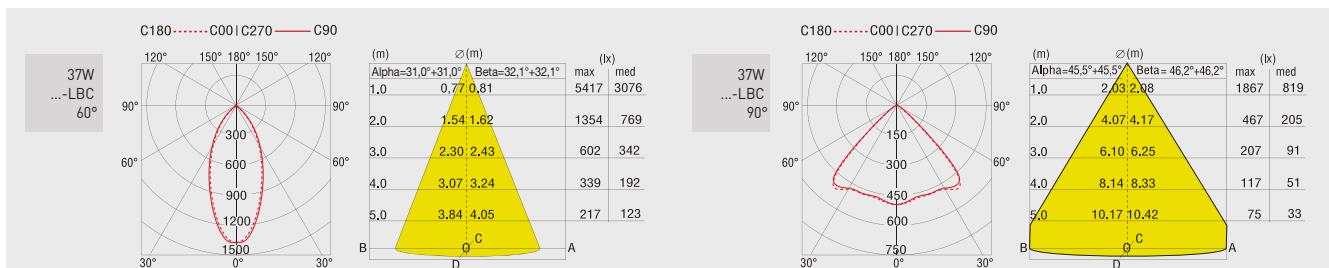
122 Anello di compensazione - Compensation ring



IP 20
IP 20

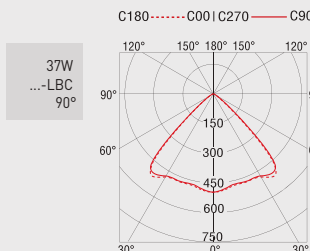


inside





IP 20
IP 20



(m)	∅ (m)	(lx)
1.0	2.03 2.08	max 1867 med 819
2.0	4.07 4.17	467 205
3.0	6.10 6.25	207 91
4.0	8.14 8.33	117 51
5.0	10.17 10.42	75 33

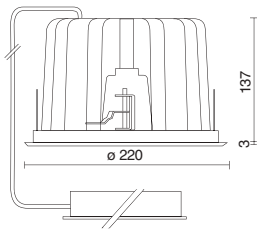


- Vano ottico in pressofusione di alluminio verniciato in polveri.
 - Vita 50.000 ore, resa cromatica >80, costanza cromatica <3MCE (T. max - 10°C + 40°C amb) - Norma riferimento EN 60598-1.
 - Riflettore in alluminio purissimo.
 - Raffreddamento Led passivo con dissipatore.
 - Schermo di protezione Led in policarbonato.
 - Lumen tipici aTp. 65°.
 - Led durata utile: 50.000 (h) L90 B50.
- Optic tray made of die-cast aluminium powder coated.
 - 50.000 hours life, chromatic efficiency >80, chromatic constancy <3MCE. (T. max - 10°C + 40°C amb) - Reference law EN 60598-1.
 - Reflector in pure aluminium.
 - Passive cooling Led with dissipator.
 - Polycarbonate screen protection Led.
 - Lumen typical values at Tp. 65°.
 - Led life: 50.000 (h) L90 B50.



205 mm Δ 0-30 mm

	LED	SISTEMA-SYSTEM		
		W	lm	lm/W
	Br 57570-LBC Ga 57571-LBC	24W	3365	111
	Br 57570-LBI Ga 57571-LBI	24W	3570	118
	Br 57572-LBC Ga 57573-LBC	37W	4740	103
	Br 57572-LBI Ga 57573-LBI	37W	4970	108
versione-version PLUS				
	Br 57575-LBC Ga 57576-LBC	43W	5280	101
	Br 57575-LBI Ga 57576-LBI	43W	5520	105
	Br 57570-LBC-DA Ga 57571-LBC-DA	24W	3365	111
	Br 57570-LBI-DA Ga 57571-LBI-DA	24W	3570	118
	Br 57572-LBC-DA Ga 57573-LBC-DA	37W	4740	103
	Br 57572-LBI-DA Ga 57573-LBI-DA	37W	4970	108
versione-version PLUS				
	Br 57575-LBC-DA Ga 57576-LBC-DA	43W	5280	101
	Br 57575-LBI-DA Ga 57576-LBI-DA	43W	5520	105



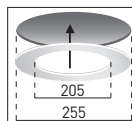
Kit 2,00

OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**



ACC. A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit
INV 1052 Kit 1h
INV 1052-3 Kit 3h

125 Anello di compensazione - Compensation ring



NET 15 NEW BASIC



- Anello e corpo in acciaio verniciato in polveri
 - Riflettore in alluminio anodizzato.
 - Vetro di protezione sabbiato.
 - Dissipatore passivo.
 - Driver integrato nel modulo Led.
 - Led durata utile: 35.000 (h) L70 B50 ON-OFF.
 - Led durata utile: 50.000 (h) L70 B50 DALI.
 - Costanza cromatica <5MCE.
- Body and ring tray made of die-cast aluminium powder coated.
 - Aluminium reflector.
 - Frosted protection glass.
 - Passive heatsink.
 - Led module with built-in driver.
 - Led life: 35.000 (h) L70 B50 ON-OFF.
 - Led life: 50.000 (h) L70 B50 DALI.
 - Chromatic constancy <5MCE .

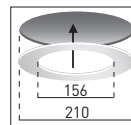


156 mm ∇ 5÷30 mm

	Bi	Ga	LED					SISTEMA-SYSTEM		
			W	lm	V	K	CRI	W	lm	lm/W
	57415-LBC	57416-LBC	18W	2000	220-240V	3000	>80	21W	1734	82
	57415-LBN	57416-LBN	18W	2000	220-240V	4000	>80	21W	1734	82
	57417-LBC	57418-LBC	27W	3000	220-240V	3000	>80	31W	2601	84
	57417-LBN	57418-LBN	27W	3000	220-240V	4000	>80	31W	2601	84
	57055-LBC-DA	57056-LBC-DA	18W	2000	220-240V	3000	>80	20W	1734	82
	57055-LBN-DA	57056-LBN-DA	18W	2000	220-240V	4000	>80	20W	1734	82
	57057-LBC-DA	57058-LBC-DA	27W	3000	220-240V	3000	>80	31W	2600	84
	57057-LBN-DA	57058-LBN-DA	27W	3000	220-240V	4000	>80	31W	2600	84

OP. A richiesta - On request: solo vano ottico IP44 - only IP44 optic

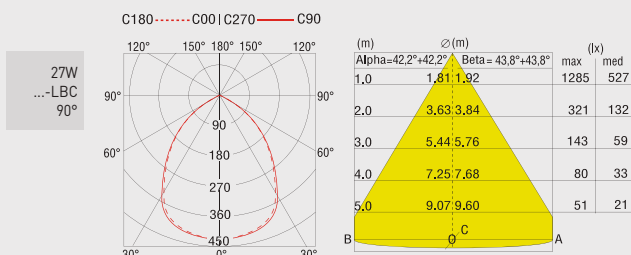
ACC. 122 Anello di compensazione - Compensation ring



IP 20



inside





NET 18 NEW BASIC

- Anello e corpo in acciaio verniciato in polveri
- Riflettore in alluminio anodizzato.
- Vetro di protezione sabbiato.
- Dissipatore passivo.
- Driver integrato nel modulo Led.
- Led durata utile: 35.000 (h) L70 B50 ON-OFF.
- Led durata utile: 50.000 (h) L70 B50 DALI.
- Costanza cromatica <5MCE.

- Body and ring tray made of die-cast aluminium powder coated.
- Aluminium reflector.
- Frosted protection glass.
- Passive heatsink.
- Led module with built-in driver.
- Led life: 35.000 (h) L70 B50 ON-OFF.
- Led life: 50.000 (h) L70 B50 DALI.
- Chromatic constancy <5MCE .



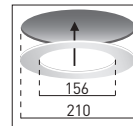
205 mm Δ 5±30 mm

	Bi	Ga	LED					SISTEMA-SYSTEM		
			W	lm	V	K	CRI	W	lm	lm/W
	57055-LBC	57056-LBC	18W	2000	220-240V	3000	>80	21W	1734	82
	57055-LBN	57056-LBN	18W	2000	220-240V	4000	>80	21W	1734	82
	57057-LBC	57058-LBC	27W	3000	220-240V	3000	>80	31W	2600	84
	57057-LBN	57058-LBN	27W	3000	220-240V	4000	>80	31W	2600	84
/PUSH	57415-LBC-DA	57416-LBC-DA	18W	2000	220-240V	3000	>80	20W	1734	89
	57415-LBN-DA	57416-LBN-DA	18W	2000	220-240V	4000	>80	20W	1734	89
	57417-LBC-DA	57418-LBC-DA	27W	3000	220-240V	3000	>80	31W	2601	86
	57417-LBN-DA	57418-LBN-DA	27W	3000	220-240V	4000	>80	31W	2601	86

OP. A richiesta - On request: solo vano ottico IP44 - only IP44 optic



ACC. 125 Anello di compensazione - Compensation ring

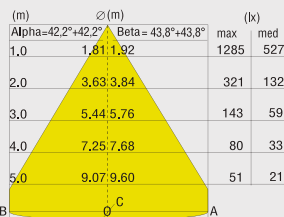
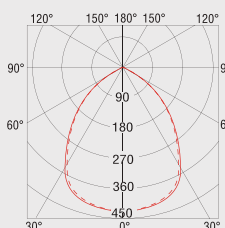


IP 20
IP 20



inside

C180-----C00 | C270-----C90



STEP 15



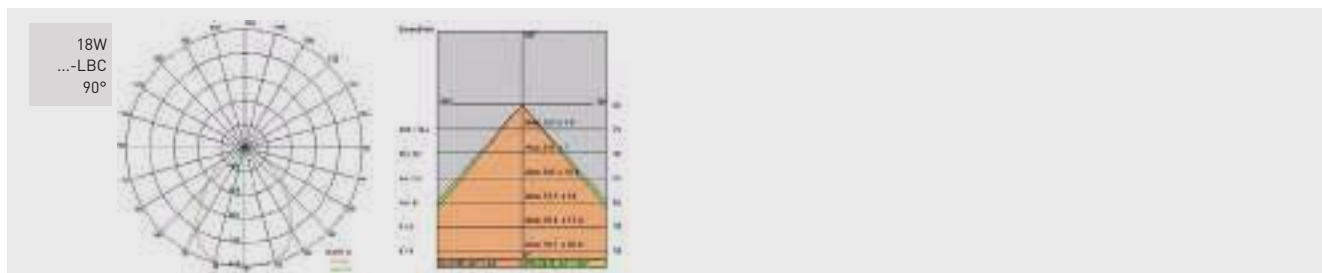
- Anello esterno ed interno in policarbonato.
- Riflettore in alluminio anodizzato.
- Diffusore in policarbonato sabbato.
- Dissipatore passivo.
- Driver integrato nel modulo Led.

- External and internal polycarbonate ring.
- Aluminium anodized reflector.
- Frosted polycarbonate diffuseur.
- Passive heatsink.
- Led module with built-in driver.



156 mm 5±30 mm

		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	Bi 57420-LBC 57420-LBN	18W	2000	220-240V	3000 4000	>80	21W	1734	83
	Bi 57421-LBC 57421-LBN	27W	3000	220-240V	3000 4000	>80	31W	2601	84
	Bi 57420-LBC-DA 57420-LBN-DA	18W	2000	220-240V	3000 4000	>80	21W	1734	83
	Bi 57421-LBC-DA 57421-LBN-DA	27W	3000	220-240V	3000 4000	>80	31W	2601	84



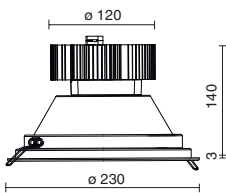


- Anello esterno ed interno in policarbonato.
- Riflettore in alluminio anodizzato.
- Diffusore in policarbonato sabbato.
- Dissipatore passivo.
- Driver integrato nel modulo Led.

- External and internal polycarbonate ring.
- Aluminium anodized reflector.
- Frosted polycarbonate diffuser.
- Passive heatsink.
- Led module with built-in driver.



205 mm 5-30 mm

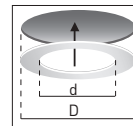


0,60 Kg

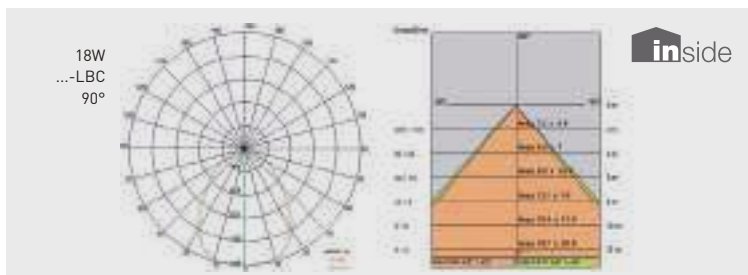
	Bi	57437-LBC 57437-LBN	LED				SISTEMA-SYSTEM			
			W	lm	V	K	CRI	W	lm	lm/W
	Bi	57438-LBC 57438-LBN	27W	3000	220-240V	3000 4000	>80	31W	2601	84
	Bi	57437-LBC-DA 57437-LBN-DA	18W	2000	220-240V	3000 4000	>80	21W	1734	83
	Bi	57438-LBC-DA 57438-LBN-DA	27W	3000	220-240V	3000 4000	>80	31W	2601	84

OP. A richiesta - On request:

- ACC. 125 Anello di compensazione - Compensation ring d=156 mm/D=210 mm
- 126 Anello di compensazione - Compensation ring d=205 mm/D=270 mm



IP 20 RGO





IP 20
IP 43

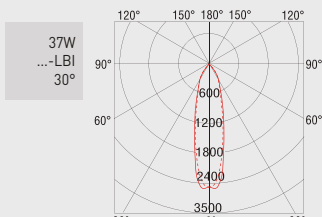


UGR < 19



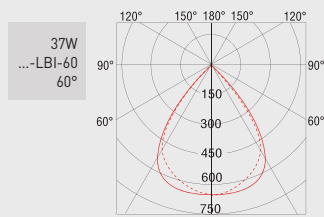
inside

C180 C00 | C270 — C90



(m)	∅ (m)	(lx)
		max med
1.0	0.46 0.49	7006 4468
2.0	0.91 0.98	1752 1117
3.0	1.36 1.48	778 496
4.0	1.82 1.97	438 279
5.0	2.27 2.46	280 179

C180 C00 | C270 — C90



(m)	∅ (m)	(lx)
		max med
1.0	1.40 1.47	1965 1023
2.0	2.81 2.93	491 256
3.0	4.21 4.40	218 114
4.0	5.61 5.87	123 64
5.0	7.02 7.33	79 41

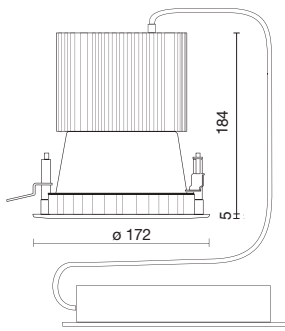


- Anello di finitura esterno in pressofusione di alluminio.
- Parabola in alluminio purissimo sfaccettata anti-iridescente.
- Vetro di protezione trasparente.
- Fissaggio a controsoffitto con staffe regolabili in lamiera zincata.
- Dissipatore lamellare passivo in alluminio estruso.
- Alimentatore elettronico esterno in dotazione.
- Led durata utile: 50.000 (h) L90 B50.

- Die-cast aluminium external finishing ring.
- Reflector in pure aluminium faceted anti-iridescent.
- Transparent protection glass.
- False-ceiling fixing with adjustable brackets made of galvanized sheet.
- Passive heatsink made of extruded laminated aluminium.
- External electronic driver supplied.
- Led life: 50.000 (h) L90 B50.



156 mm 0±30 mm



1,50 kg

versione-version
PLUS

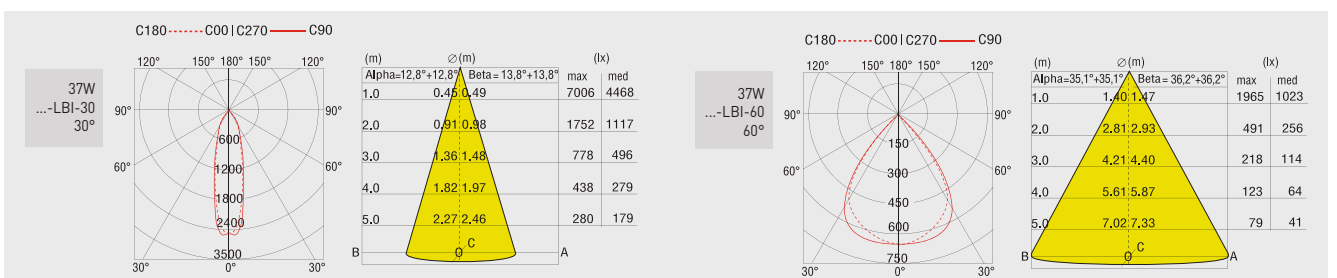
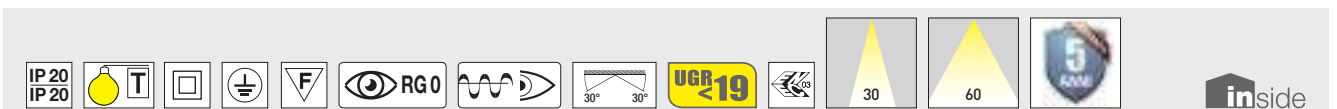


versione-version
PLUS

			LED					SISTEMA-SYSTEM		
			W	lm	V	K	CRI	W	lm	lm/W
□	Br 57550-LBC	57550-LBC-60	24W	3365	220-240V (700mA)	3000	>80	27W	3284	122
	Ga 57551-LBC	57551-LBC-60								
□	Br 57550-LBI	57550-LBI-60	24W	3570	220-240V (700mA)	4000	>80	27W	3484	129
	Ga 57551-LBI	57551-LBI-60								
□	Br 57552-LBC	57552-LBC-60	37W	4740	220-240V (1050mA)	3000	>80	41W	4626	113
	Ga 57553-LBC	57553-LBC-60								
□	Br 57552-LBI	57552-LBI-60	37W	4970	220-240V (1050mA)	4000	>80	41W	4851	118
	Ga 57553-LBI	57553-LBI-60								
⊕	Br 57580-LBC-30	57580-LBC-60	43W	5280	220-240V (1200mA)	3000	>80	47W	4896	104
	Ga 57581-LBC-30	57581-LBC-60								
⊕	Br 57580-LBI-30	57580-LBI-60	43W	5520	220-240V (1200mA)	4000	>80	47W	4983	106
	Ga 57581-LBI-30	57581-LBI-60								
□	Br 57550LBC-DA	57550LBC60-DA	24W	3365	220-240V (700mA)	3000	>80	27W	3116	115
	Ga 57551LBC-DA	57551LBC60-DA								
□	Br 57550LBI-DA	57550LBI60-DA	24W	3570	220-240V (700mA)	4000	>80	27W	3306	122
	Ga 57551LBI-DA	57551LBI60-DA								
□	Br 57552LBC-DA	57552LBC60-DA	37W	4740	220-240V (1050mA)	3000	>80	41W	4626	112
	Ga 57553LBC-DA	57553LBC60-DA								
□	Br 57552LBI-DA	57552LBI60-DA	37W	4970	220-240V (1050mA)	4000	>80	41W	4567	111
	Ga 57553LBI-DA	57553LBI60-DA								
⊕	Br 57580LBC30-DA	57580LBC60-DA	43W	5280	220-240V (1200mA)	3000	>80	47W	4852	103
	Ga 57581LBC30-DA	57581LBC60-DA								
⊕	Br 57580LBI30-DA	57580LBI60-DA	43W	5520	220-240V (1200mA)	4000	>80	47W	5073	108
	Ga 57581LBI30-DA	57581LBI60-DA								

OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

Versione in emergenza SA (sempre acceso): Autonomia 1h - Flusso luminoso 20%
Version for SA (always on): Working time 1h - Luminous flux 20%






NET MCL ORIENTABILE

- Anello di finitura esterno in pressofusione di alluminio.
- Parabola in alluminio purissimo sfaccettata anti-iridescente.
- Fissaggio a controsoffitto con staffe regolabili in lamiera zincata.
- Dissipatore lamellare passivo in alluminio estruso.
- Alimentatore elettronico esterno in dotazione.
- Gruppo ottico orientabile sull'asse verticale +/- 30°.
- Led durata utile: 50.000 (h) L90 B50.

- Die-cast aluminium external finishing ring.
- Reflector in pure aluminium faceted anti-iridescent.
- False-ceiling fixing with adjustable brackets made of galvanized sheet.
- Passive heatsink made of extruded laminated aluminium.
- External electronic driver supplied.
- Adjustable optics on the vertical axis +/- 30°.
- Led life: 50.000 (h) L90 B50.



156 mm 0±20 mm

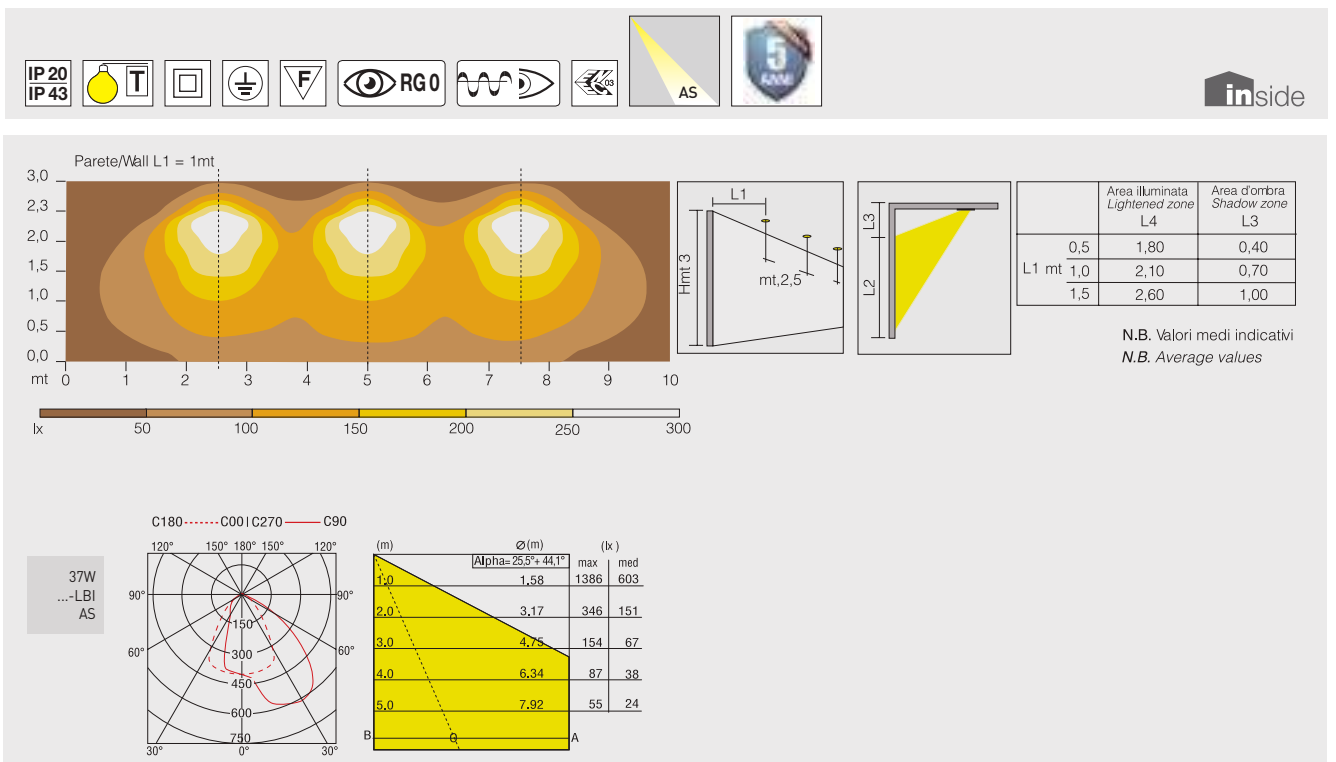
	Icona	30°	60°	LED		SISTEMA-SYSTEM					
				W	lm	V	K	CRI	W	lm	lm/W
□	Br	57554-LBC-30	57554-LBC-60	24W	3365	220-240V (700mA)	3000	>80	27W	2689	99
	Ga	57555-LBC-30	57555-LBC-60								
□	Br	57554-LBI-30	57554-LBI-60	24W	3570	220-240V (700mA)	4000	>80	27W	2852	106
	Ga	57555-LBI-30	57555-LBI-60								
□	Br	57556-LBC-30	57556-LBC-60	37W	4740	220-240V (1050mA)	3000	>80	41W	4304	105
	Ga	57557-LBC-30	57557-LBC-60								
□	Br	57556-LBI-30	57556-LBI-60	37W	4970	220-240V (1050mA)	4000	>80	41W	4513	110
	Ga	57557-LBI-30	57557-LBI-60								
versione-version PLUS											
□	Br	57585-LBC-30	57585-LBC-60	43W	5280	220-240V (1200mA)	3000	>80	47W	4896	104
	Ga	57586-LBC-30	57586-LBC-60								
□	Br	57585-LBI-30	57585-LBI-60	43W	5520	220-240V (1200mA)	4000	>80	47W	4982	106
	Ga	57586-LBI-30	57586-LBI-60								
											
□	Br	57554LBC30-DA	57554LBC60-DA	24W	3365	220-240V (700mA)	3000	>80	27W	3011	112
	Ga	57555LBC30-DA	57555LBC60-DA								
□	Br	57554LBI30-DA	57554LBI60-DA	24W	3570	220-240V (700mA)	4000	>80	27W	3194	118
	Ga	57555LBI30-DA	57555LBI60-DA								
□	Br	57556LBC30-DA	57556LBC60-DA	37W	4740	220-240V (1050mA)	3000	>80	41W	4241	103
	Ga	57557LBC30-DA	57557LBC60-DA								
□	Br	57556LBI30-DA	57556LBI60-DA	37W	4970	220-240V (1050mA)	4000	>80	41W	4447	108
	Ga	57557LBI30-DA	57557LBI60-DA								
versione-version PLUS											
□	Br	57585LBC30-DA	57585LBC60-DA	43W	5280	220-240V (1200mA)	3000	>80	47W	4510	96
	Ga	57586LBC30-DA	57586LBC60-DA								
□	Br	57585LBI30-DA	57585LBI60-DA	43W	5520	220-240V (1200mA)	4000	>80	47W	4715	100
	Ga	57586LBI30-DA	57586LBI60-DA								

OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

Versione in emergenza SA (sempre acceso): Autonomia 1h - Flusso luminoso 20%
Version for SA (always on): Working time 1h - Luminous flux 20%



ACC. A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit
INV 1052 Kit 1h
INV 1052-3 Kit 3h


















NET ASYMMETRIC MCL

- Anello di finitura esterno in pressofusione di alluminio.
- Parabola in materiale termoplastico.
- Vetro di protezione trasparente.
- Fissaggio a controsoffitto con staffe regolabili in lamiera zincata.
- Dissipatore lamellare passivo in alluminio estruso.
- Alimentatore elettronico esterno in dotazione.
- Led durata utile: 50.000 (h) L90 B50.

- Die-cast aluminium external finishing ring.
- Reflector made of thermoplastic material.
- Transparent protection glass.
- False-ceiling fixing with adjustable brackets made of galvanized sheet.
- Passive heatsink made of extruded laminated aluminium.
- External electronic driver supplied.
- Led life: 50.000 (h) L90 B50.



156 mm Δ 0±30 mm

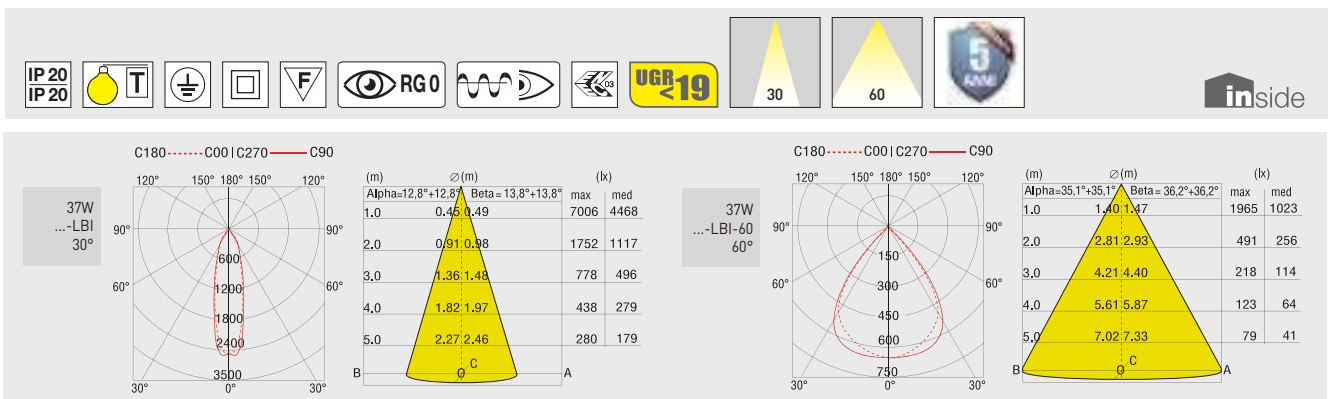
		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	Br 57550AS-LBC	24W	3365	220-240V (700mA)	3000	>80	27W	2608	96
	Ga 57551AS-LBC								
	Br 57550AS-LBI	24W	3570	220-240V (700mA)	4000	>80	27W	2767	102
	Ga 57551AS-LBI								
	Br 57552AS-LBC	37W	4740	220-240V (1050mA)	3000	>80	41W	3673	90
	Ga 57553AS-LBC								
	Br 57552AS-LBI	37W	4970	220-240V (1050mA)	4000	>80	41W	3851	94
	Ga 57553AS-LBI								
versione-version PLUS									
	Br 57580AS-LBC	43W	5280	220-240V (1200mA)	3000	>80	47W	4052	86
	Ga 57581AS-LBC								
	Br 57580AS-LBI	43W	5520	220-240V (1200mA)	4000	>80	47W	4039	86
	Ga 57581AS-LBI								
									
	Br 57550ASLBC-DA	24W	3365	220-240V (700mA)	3000	>80	27W	2608	96
	Ga 57551ASLBC-DA								
	Br 57550ASLBI-DA	24W	3590	220-240V (700mA)	4000	>80	27W	2767	102
	Ga 57551ASLBI-DA								
	Br 57552ASLBC-DA	37W	4740	220-240V (1050mA)	3000	>80	41W	3673	90
	Ga 57553ASLBC-DA								
	Br 57552ASLBI-DA	37W	4970	220-240V (1050mA)	4000	>80	41W	3851	94
	Ga 57553ASLBI-DA								
versione-version PLUS									
	Br 57580ASLBC-DA	43W	5280	220-240V (1200mA)	3000	>80	47W	4092	87
	Ga 57581ASLBC-DA								
	Br 57580ASLBI-DA	43W	5520	220-240V (1200mA)	4000	>80	47W	4278	91
	Ga 57581ASLBI-DA								

OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

Versione in emergenza SA (sempre acceso): Autonomia 1h - Flusso luminoso 20%
Version for SA (always on): Working time 1h - Luminous flux 20%



ACC. A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit
INV 1052 Kit 1h
INV 1052-3 Kit 3h



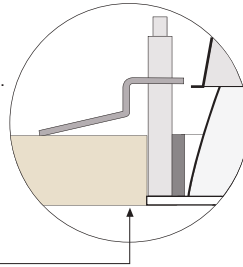


NET FLAT MCL

SENZA CORNICE - TRIMLESS

- Versione per installazione a rasamento per controsoffitti in cartongesso.
- Parabola in alluminio purissimo sfaccettata anti-iridescente.
- Fissaggio a controsoffitto con staffe regolabili in lamiera zincata.
- Dissipatore lamellare passivo in alluminio estruso.
- Alimentatore elettronico esterno in dotazione.
- Led durata utile: 50.000 (h) L90 B50.

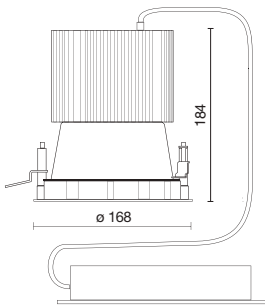
- Version for installation at the same level of the false-ceiling made of soft-wall.
- Reflector in pure aluminium faceted anti-iridescent.
- False-ceiling fixing with adjustable brackets made of galvanized sheet.
- Passive heatsink made of extruded laminated aluminium.
- External electronic driver supplied.
- Led life: 50.000 (h) L90 B50.



Controsoffitto in cartongesso
False-ceiling made of soft-wall



156 mm Δ 0±30 mm



1,85

			LED					SISTEMA-SYSTEM			
			W	lm	V	K	CRI	W	lm	lm/W	
□	Br	57550R-LBC	57550R-LBC-60	24W	3365 3570	220-240V (700mA)	3000 4000	>80	27W	3284 3484	129 122
		57550R-LBI	57550R-LBI-60								
□	Br	57552R-LBC	57552R-LBC-60	37W	4740 4970	220-240V (1050mA)	3000 4000	>80	41W	4262 4851	113 118
		57552R-LBI	57552R-LBI-60								
versione-version PLUS											
⊕	Br	57580R-LBC-30	57580R-LBC-60	43W	5280 5520	220-240V (1200mA)	3000 4000	>80	47W	4896 4982	104 106
		57580R-LBI-30	57580R-LBI-60								
DALI											
□	Br	57550RLBC-DA	57550RLBC60-DA	24W	3365 3570	220-240V (700mA)	3000 4000	>80	27W	3284 3484	129 122
		57550RLBI-DA	57550RLBI60-DA								
□	Br	57552RLBC-DA	57552RLBC60-DA	37W	4740 4970	220-240V (1050mA)	3000 4000	>80	41W	4262 4851	113 118
		57552RLBI-DA	57552RLBI60-DA								
versione-version PLUS											
⊕	Br	57580RLBC3-DA	57580RLBC6-DA	43W	5280 5520	220-240V (1200mA)	3000 4000	>80	47W	4896 4982	104 106
		57580RLBI3-DA	57580RLBI6-DA								

OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

Versione in emergenza SA (sempre acceso): Autonomia 1h - Flusso luminoso 20%
Version for SA (always on): Working time 1h - Luminous flux 20%



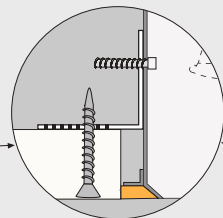
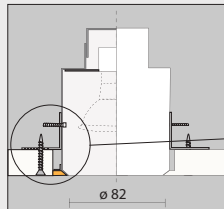
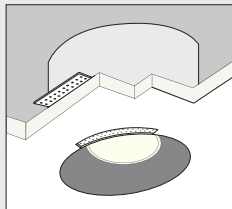
ACC. A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit

INV 1052 Kit 1h
INV 1052-3 Kit 3h

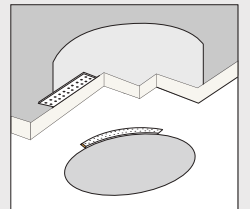
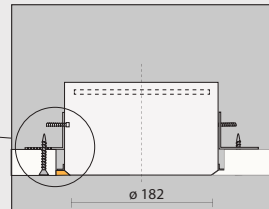


RASAMENTO A FILO CARTONGESSO - PLASTERBOARD FLAT FINISHING

NET XS



NET XL





NET SC

SENZA CORNICE - TRIMLESS

- Corpo in metallo verniciato.
- NET SC XS**
- Gruppo ottico orientabile +/- 20°.
- NET SC XL**
- Gruppo di alimentazione integrato.
- Diffusore in policarbonato opalino in dotazione.



NET SC XS



NET SC XL

- Housing of painted metal.
- NET SC XS**
- +/- 20° adjustable optic.
- NET SC XL**
- Built-in power supply unit.
- Opal polycarbonate diffuser supplied.

NET SC XS

Br	5695-MLBC-25	5695-MLBC-40	9W	830 900	500mA	3000 4000	>80
	5695-MLBN-25	5695-MLBN-40					

ALIMENTATORE CONSIGLIATO - DRIVER RECOMMENDED

645833	DIM T.F.	15W	IP20	230/240V	500mA
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⊕ 110 ⚡ 5÷30 mm

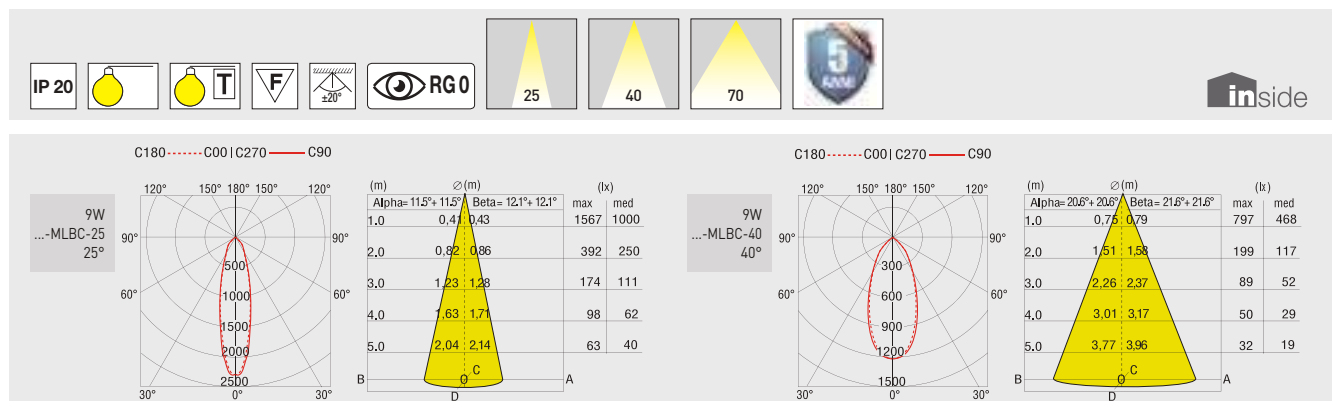
NET SC XL

LED	SISTEMA-SYSTEM		
	W	lm	lm/W
Br 5798-LBC	13W	1700	113
5798-LBN	1740	116	
	220-240V	3000	
	(700mA)	4000	
	>80		

ACC. A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit

INV 1052	Kit 1h
INV 1052-3	Kit 3h

⊕ 200 ⚡ 5÷30 mm



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color

FOCUS XS



- Anello di finitura in acciaio verniciato.
- Riflettore in alluminio purissimo.
- Fissaggio a controsoffitto con molle.
- Dissipatore lamellare passivo in alluminio estruso.
- Gruppo ottico orientabile 0-40°.
- Elevato comfort visivo grazie alla posizione arretrata della sorgente luminosa Led.
- Led durata utile: 50.000 (h) L90 B10.
- Costanza cromatica: 3 SDCM.



95 mm $\Delta = 0 \pm 25$ mm

UGR < 13 $UGR = 8 \log_{10} \left[\frac{0,25}{L_b} \sum \frac{L^2}{p^2} \right]$

- Finishing coated steel ring.
- Pure aluminium reflector.
- Fixing to false-ceiling with springs.
- Passive laminated aluminium extruded heatsink.
- Optical adjustable unit 0-40°.
- High visual comfort thanks to the backward position of the Led light source.
- Led life: 50.000 (h) L90 B10.
- Chromatic constancy: 3 SDCM.

	LED	SISTEMA-SYSTEM						
		(W)	(lm)	(lm/W)				
 TONDO - ROUND Br 67920-LBC Ne 67921-LBC Ga 67922-LBC 0,90	(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)
	11,5W	1840	350mA	3000	>80	11,5W	920	80
	11,5W	1950	350mA	4000	>80	11,5W	995	86

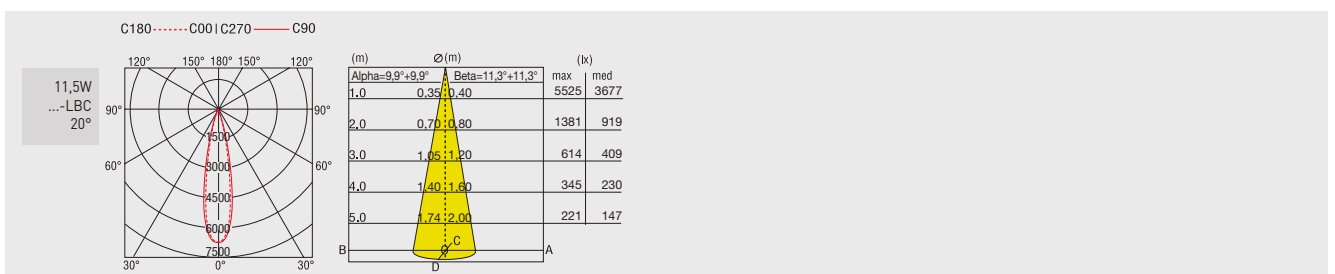
	LED	SISTEMA-SYSTEM						
		(W)	(lm)	(lm/W)				
 QUADRO - SQUARE Br 67923-LBC Ne 67924-LBC Ga 67925-LBC 0,90	(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)
	11,5W	1840	350mA	3000	>80	11,5W	920	80
	11,5W	1950	350mA	4000	>80	11,5W	995	86

ALIMENTATORI CONSIGLIATI (n. 1 per ogni faretto) - DRIVERS RECOMMENDED (n. 1 for each item)

644759-1 ON-OFF
 645938 DIM 1÷10V/PUSH MINI JOLLY 20 15W IP20 350mA
 645939 DIM DALI MINI JOLLY 20

OP. A richiesta - On request: **CRI > 90**

Versione IP44 - IP44 version
 Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**





FOCUS XL

- Anello di finitura in acciaio verniciato.
- Riflettore in alluminio purissimo.
- Fissaggio a controsoffitto con molle.
- Dissipatore lamellare passivo in alluminio estruso.
- Gruppo ottico orientabile 0-40°.
- Elevato comfort visivo grazie alla posizione arretrata della sorgente luminosa Led.
- Led durata utile: 50.000 (h) L90 B10.
- Costanza cromatica: 3 SDCM.




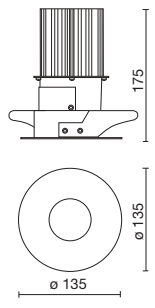
115 mm $\Delta = 0 \div 25$ mm

UGR < 13

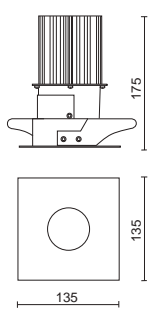
$$UGR = 8 \log_{10} \left[\frac{0,25}{L_b} \sum \frac{L^2 \sigma}{p^2} \right]$$

- Finishing coated steel ring.
- Pure aluminium reflector.
- Fixing to false-ceiling with springs.
- Passive laminated aluminium extruded heatsink.
- Optical adjustable unit 0-40°.
- High visual comfort thanks to the backward position of the Led light source.
- Led life: 50.000 (h) L90 B10.
- Chromatic constancy: 3 SDCM.

	LED					SISTEMA-SYSTEM		
	W	lm	V	K	CRI	W	lm	$\frac{lm}{W}$
 TONDO - ROUND Br 67926-LBC Ne 67927-LBC Ga 67928-LBC 1,40 kg	24W	3365	700mA	3000	>80	24W	1727	72
Br 67926-LBN Ne 67927-LBN Ga 67928-LBN	24W	3570	700mA	4000	>80	24W	1940	81




 QUADRO - SQUARE Br 67929-LBC Ne 67930-LBC Ga 67931-LBC 1,40 kg	24W	3365	700mA	3000	>80	24W	1727	72
Br 67929-LBN Ne 67930-LBN Ga 67931-LBN	24W	3570	700mA	4000	>80	24W	1940	81






ALIMENTATORI CONSIGLIATI (n. 1 per ogni faretto) - DRIVERS RECOMMENDED (n. 1 for each item)


645688	ON-OFF		700MA
645849-I	DIM DALI/PUSH	35W	IP20 350/900mA
644757-DA	DIM DALI		700mA
645940	DIM 1+ 10W/PUSH	JOLLY US 32	700mA


OP. A richiesta - On request: **CRI > 90**
 Versione IP44 - IP44 version
 Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

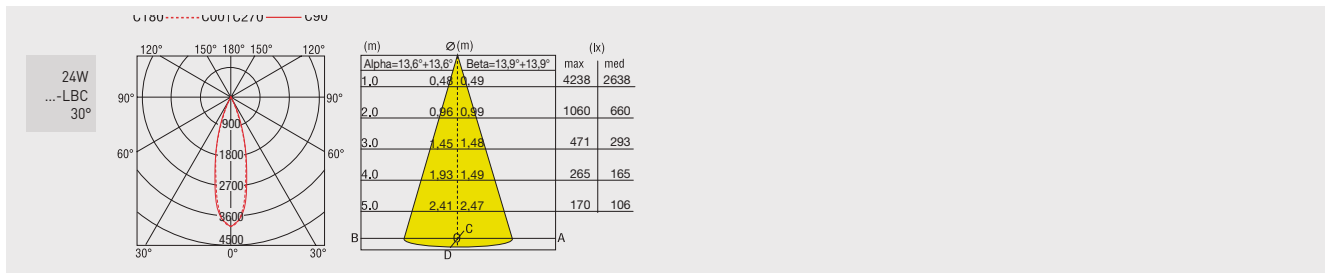








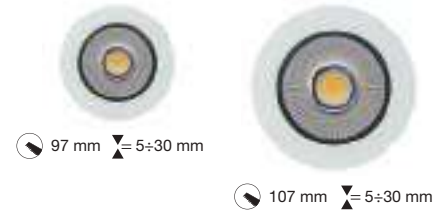




FOCUS XS/XL - SC

SENZA CORNICE - TRIMLESS

- Anello di finitura in acciaio verniciato.
- Riflettore in alluminio purissimo.
- Fissaggio a controsoffitto con molle.
- Dissipatore lamellare passivo in alluminio estruso.
- Gruppo ottico orientabile 0-40°.
- Elevato comfort visivo grazie alla posizione arretrata della sorgente luminosa Led.
- Versione SC adatta per controsoffitti a rasamento.
- Led durata utile: 50.000 (h) L90 B10.
- Costanza cromatica: 3 SDCM.



- Finishing coated steel ring.
- Pure aluminium reflector.
- Fixing to false-ceiling with springs.
- Passive laminated aluminium extruded heatsink.
- Optical adjustable unit 0-40°.
- High visual comfort thanks to the backward position of the Led light source.
- SC version suitable for shim false-ceiling.
- Led life: 50.000 (h) L90 B10.
- Chromatic constancy: 3 SDCM.



$$UGR = 8 \log_{10} \left[\frac{0,25}{L_b} \sum \frac{L^2 \omega}{p^3} \right]$$

	LED	SISTEMA-SYSTEM																								
		W	lm	lm/W																						
	<table border="1"> <thead> <tr> <th>W</th> <th>lm</th> <th>V</th> <th>K</th> <th>CRI</th> </tr> </thead> <tbody> <tr> <td>11,5W</td> <td>1840</td> <td>350mA</td> <td>3000</td> <td>>80</td> </tr> <tr> <td></td> <td>1950</td> <td>4000</td> <td></td> <td></td> </tr> </tbody> </table>	W	lm	V	K	CRI	11,5W	1840	350mA	3000	>80		1950	4000			<table border="1"> <thead> <tr> <th>W</th> <th>lm</th> <th>lm/W</th> </tr> </thead> <tbody> <tr> <td>11,5W</td> <td>920</td> <td>80</td> </tr> <tr> <td></td> <td>995</td> <td>86</td> </tr> </tbody> </table>	W	lm	lm/W	11,5W	920	80		995	86
W	lm	V	K	CRI																						
11,5W	1840	350mA	3000	>80																						
	1950	4000																								
W	lm	lm/W																								
11,5W	920	80																								
	995	86																								

ALIMENTATORI CONSIGLIATI (n. 1 per ogni faretto) - DRIVERS RECOMMENDED (n. 1 for each item)

644759-1	ON-OFF			
645938	DIM 1= 10V/PUSH	MINI JOLLY 20	15W	IP20 350mA
645939	DIM DALI	MINI JOLLY DALI 20		

OP. A richiesta - On request: **CRI > 90**

	LED	SISTEMA-SYSTEM																								
		W	lm	lm/W																						
	<table border="1"> <thead> <tr> <th>W</th> <th>lm</th> <th>V</th> <th>K</th> <th>CRI</th> </tr> </thead> <tbody> <tr> <td>24W</td> <td>3365</td> <td>700mA</td> <td>3000</td> <td>>80</td> </tr> <tr> <td></td> <td>3570</td> <td>4000</td> <td></td> <td></td> </tr> </tbody> </table>	W	lm	V	K	CRI	24W	3365	700mA	3000	>80		3570	4000			<table border="1"> <thead> <tr> <th>W</th> <th>lm</th> <th>lm/W</th> </tr> </thead> <tbody> <tr> <td>24W</td> <td>1727</td> <td>72</td> </tr> <tr> <td></td> <td>1940</td> <td>81</td> </tr> </tbody> </table>	W	lm	lm/W	24W	1727	72		1940	81
W	lm	V	K	CRI																						
24W	3365	700mA	3000	>80																						
	3570	4000																								
W	lm	lm/W																								
24W	1727	72																								
	1940	81																								

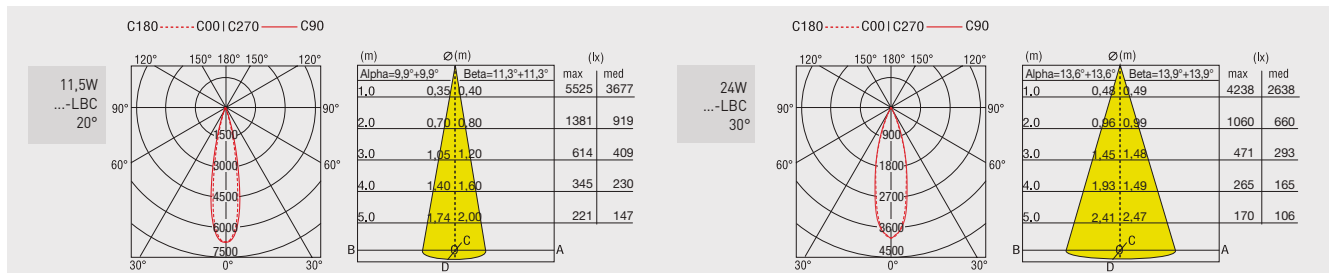
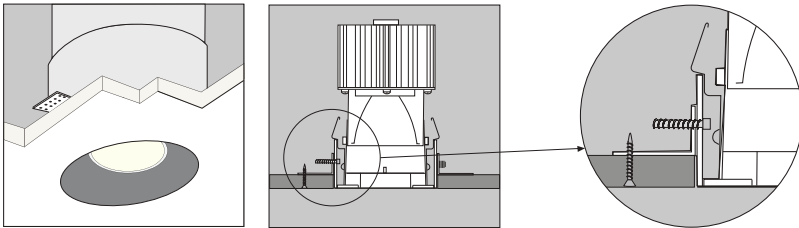
ALIMENTATORI CONSIGLIATI (n. 1 per ogni faretto) - DRIVERS RECOMMENDED (n. 1 for each item)

645688	ON-OFF		35W	IP20 700mA
645849-I	DIM DALI/PUSH		35W	IP20 350/900mA
644757-DA	DIM DALI		32W	IP20 700mA
645939	DIM DALI	MINI JOLLY DALI 20	20W	IP20 700mA

OP. A richiesta - On request: **CRI > 90**

Versione IP44 - IP44 version
Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

VERSIONE SENZA CORNICE RASAMENTO A FILO CARTONGESSO FRAMELESS VERSION FOR PLASTERBOARD FLAT FINISHING



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color



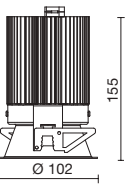


- Corpo in lamiera verniciatura a polvere.
- Dissipatore in estruso di alluminio.
- Schermo in policarbonato opale.
- Led durata utile: 50.000 (h) L90 B50.
- Costanza cromatica: 3 SDCM.

- Body made of sheet steel powder coated.
- Extruded aluminium heatsink.
- Opal polycarbonate screen.
- Led life: 50.000 (h) L90 B50.
- Chromatic constancy: 3 SDCM.



Ø 92 mm 5-30 mm

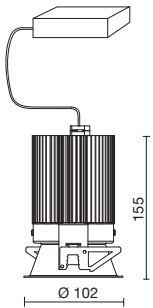


		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm
Bi 2865-LBC Ne 2866-LBC	0,75	24W	3365	700mA	3000	>80	24W	2592	108
		24W	3570	700mA	4000	>80	24W	2750	114



ALIMENTATORI - DRIVERS

644936	ON-OFF	IP40	25W	700mA
644757	DIMM 1÷10V	IP20	25W	700mA
644757-DA	DALI	IP20	32W	700mA



K I T

APPARECCHIO + ALIMENTATORE - FITTING + DRIVER

Bi KT2865-LBC Ne KT2866-LBC	0,85	24W	3365	700mA	3000	>80	27W	2592	96
		24W	3570	700mA	4000	>80	27W	2750	102

OP. A richiesta - On request: **CRI > 90**

Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**
disponibile - available



ACC. 152 Piastra di rinforzo per pannelli in mineralite
Reinforcing plate for mineralite panels

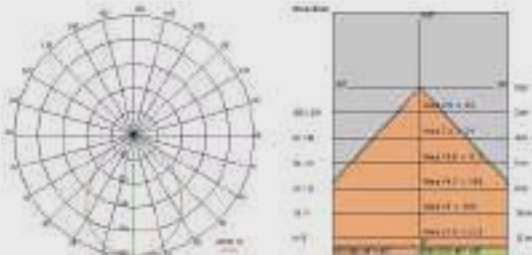


*Solo apparecchio - Only fitting

IP 20
IP 40



24W
...-LBC
90°







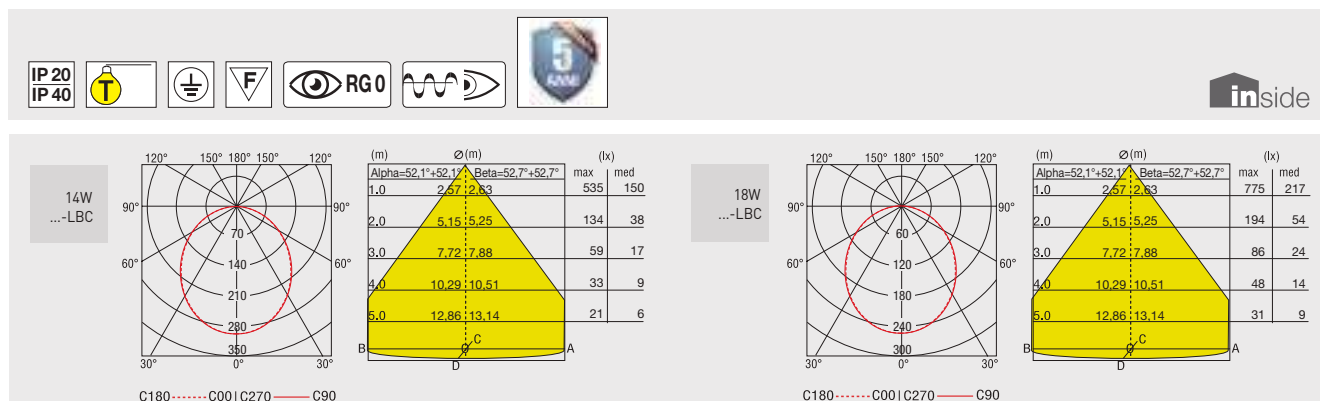
BIG INCASSO 290-380

- Anello da incassare in alluminio verniciato con polveri epossidiche.
- Disco fissaggio e dissipazione Led in alluminio.
- Diffusore in policarbonato opale anti UV microprismato lato in vista.
- Verniciatura per interni in polveri epossidiche.
- Morsetto ad innesto rapido per collegamento cavo di rete.
- Pressacavo in gomma siliconica.

- Aluminium recess ring painted with epoxy powder.
- Aluminium fixing disk and Led dissipation.
- Microprismatic opal anti-UV polycarbonate diffuser.
- Indoor epoxy powder painting.
- Quick connect terminal for connecting the network cable.
- Cable gland in silicon rubber.



		LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W	
<p>295 mm Δ = 5÷30 mm</p> <p>1,80 kg</p> <p>Sa</p> <p>DALI</p>	BIG INCASSO 290 ON-OFF Br 5508-LBC 5508-LBN	14W	1800 1950	220-240V (500mA)	3000 4000	>80	16W	1443 1563	90 98	
	DIM 1÷10V Br 5508-LBC-DIM 5508-LBN-DIM	14W	1800 1950	220-240V (500mA)	3000 4000	>80	16W	1443 1563	90 98	
	Sa emergenza - emergency Br 5508-LBC-EM1 1h 5508-LBN-EM1	14W	1800 1950	220-240V (500mA)	3000 4000	>80	16W	1443 1563	90 98	
	Br 5508-LBC-EM3 3h 5508-LBN-EM3	14W	1800 1950	220-240V (500mA)	3000 4000	>80	16W	1443 1563	90 98	
	DALI Br 5508-LBC-DA 5508-LBN-DA	14W	1800 1950	220-240V (500mA)	3000 4000	>80	16W	1443 1563	90 98	
	<p>390 mm Δ = 5÷30 mm</p> <p>2,50 kg</p> <p>Sa</p> <p>DALI</p>	BIG INCASSO 380 ON-OFF Br 5516-LBC 5516-LBN	18W	2600 2840	220-240V (700mA)	3000 4000	>80	21W	2089 2282	99 109
		DIM 1÷10V Br 5516-LBC-DIM 5516-LBN-DIM	18W	2600 2840	220-240V (700mA)	3000 4000	>80	21W	2089 2282	99 109
		Sa emergenza - emergency Br 5516-LBC-EM1 1h 5516-LBN-EM1	18W	2600 2840	220-240V (700mA)	3000 4000	>80	21W	2089 2282	99 109
		Br 5516-LBC-EM3 3h 5516-LBN-EM3	18W	2600 2840	220-240V (700mA)	3000 4000	>80	21W	2089 2282	99 109
		DALI Br 5516-LBC-DA 5516-LBN-DA	18W	2600 2840	220-240V (700mA)	3000 4000	>80	21W	2089 2282	99 109



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color

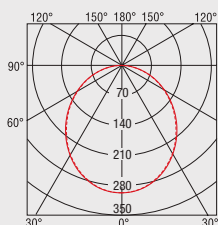


IP 20
IP 40



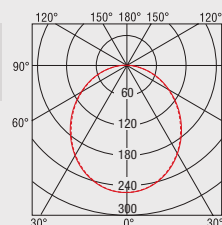
inside

42W
...-LBC



(m)	Ø(m)		(lx)	
	Alpha=52.1°+52.1°	Beta=52.7°+52.7°	max	med
1,0	2,57	2,63	1637	459
2,0	5,15	5,25	409	115
3,0	7,72	7,88	182	51
4,0	10,29	10,51	102	29
5,0	12,86	13,14	65	18

80W
...-LBC



(m)	Ø(m)		(lx)	
	Alpha=52.1°+52.1°	Beta=52.7°+52.7°	max	med
1,0	2,57	2,63	3181	892
2,0	5,15	5,25	795	223
3,0	7,72	7,88	353	99
4,0	10,29	10,51	199	56
5,0	12,86	13,14	127	36



- Anello da incassare in alluminio verniciato con polveri epossidiche.
- Disco fissaggio e dissipazione Led in alluminio.
- Diffusore in policarbonato opale anti UV microprismato lato in vista.
- Verniciatura per interni in polveri epossidiche.
- Morsetto ad innesto rapido per collegamento cavo di rete.
- Pressacavo in gomma siliconica.

- Aluminium recess ring painted with epoxy powder.
- Aluminium fixing disk and Led dissipation.
- Microprismatic opal anti-UV polycarbonate diffuser.
- Indoor epoxy powder painting.
- Quick connect terminal for connecting the network cable.
- Cable gland in silicon rubber.



	LED	SISTEMA-SYSTEM							
		W	lm	lm/W					
	BIG INCASSO 570 ON-OFF								
	Br 5503-LBC	42W	5500	220-240V (700mA)	3000	>80	46W	4411	96
	5503-LBN	5740	4000	>80	4651	101			
	DIM 1+10V								
	Br 5503-LBC-DIM	42W	5500	220-240V (700mA)	3000	>80	46W	4411	96
	5503-LBN-DIM	5740	4000	>80	4651	101			
	Sa emergenza - emergency								
	Br 5503-LBC-EM1 1h	42W	5500	220-240V (700mA)	3000	>80	46W	4411	96
	5503-LBN-EM1	5740	4000	>80	4651	101			
	Br 5503-LBC-EM3 3h	42W	5500	220-240V (700mA)	3000	>80	46W	4411	96
5503-LBN-EM3	5740	4000	>80	4651	101				
DALI									
Br 5503-LBC-DA	42W	5500	220-240V (700mA)	3000	>80	46W	4411	96	
5503-LBN-DA	5740	4000	>80	4651	101				

SEMPRE ACCESO: n. 4 schede Led funzionanti per tutta la superficie dello schermo del prodotto.
 EMERGENZA: n. 2 schede Led alternate funzionanti e n° 2 schede in OFF.
 ALWAYS ON: n. 4 Led cards switch on for the whole screen's surface.
 EMERGENCY MODE: n. 2 Led alternated cards switch on and n. 2 Led cards Switch OFF.

	LED	SISTEMA-SYSTEM							
		W	lm	lm/W					
	BIG INCASSO 770 ON-OFF								
	Br 5504-LBC	80W	11250	220-240V (700mA)	3000	>80	84W	8572	102
	5504-LBN	11490	4000	>80	8755	104			
	DIM 1+10V								
	Br 5504-LBC-DIM	80W	11250	220-240V (700mA)	3000	>80	84W	8572	102
	5504-LBN-DIM	11490	4000	>80	8755	104			
	Sa emergenza - emergency								
	Br 5504-LBC-EM1 1h	80W	11250	220-240V (700mA)	3000	>80	84W	8572	102
	5504-LBN-EM1	11490	4000	>80	8755	104			
	Br 5504-LBC-EM3 3h	80W	11250	220-240V (700mA)	3000	>80	84W	8572	102
5504-LBN-EM3	11490	4000	>80	8755	104				
DALI									
Br 5504-LBC-DA	80W	11250	220-240V (700mA)	3000	>80	84W	8572	102	
5504-LBN-DA	11490	4000	>80	8755	104				

SEMPRE ACCESO: n. 8 schede Led funzionanti per tutta la superficie dello schermo del prodotto.
 EMERGENZA: n. 4 schede Led alternate funzionanti e n° 4 schede in OFF.
 ALWAYS ON: n. 8 Led cards switch on for the whole screen's surface.
 EMERGENCY MODE: n. 4 Led alternated cards switch on and n. 4 Led cards Switch OFF.

INCASSI PER CONTROSOFFITTI • RECESSED FOR FALSE-CEILINGS





BEND XS ESTRAIBILE-ORIENTABILE

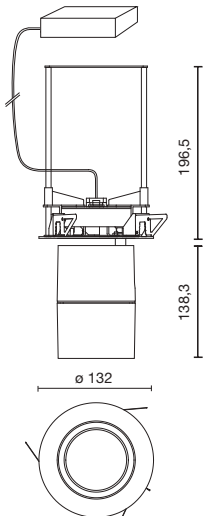
- Corpo a vano ottico in pressofusione di alluminio verniciato.
- Alimentatore elettronico.
- Vetro di protezione.
- Riflettore in alluminio purissimo, metallizzato in alto vuoto.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.

- Housing optic tray made of die-cast aluminium powder coated.
- Electronic driver.
- Protection glass.
- High purity aluminium reflector, high vacuum metallized.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.



125 mm Δ = 5+30 mm

	25	40	LED					SISTEMA-SYSTEM		
			W	lm	V	K	CRI	W	lm	lm/W
Br 68035-LBC-25	68035-LBC-40		24W	3365	220-240V (700mA)	3000	>80	27W	2793	103
Ne 68036-LBC-25	68036-LBC-40									
Gr 68037-LBC-25	68037-LBC-40									
Br 68035-LBN-25	68035-LBN-40		24W	3570	220-240V (700mA)	4000	>80	27W	2963	110
Ne 68036-LBN-25	68036-LBN-40									
Gr 68037-LBN-25	68037-LBN-40									
Br 68035LBC25-DA	68035LBC40-DA		24W	3365	220-240V (700mA)	3000	>80	27W	2793	103
Ne 68036LBC25-DA	68036LBC40-DA									
Gr 68037LBC25-DA	68037LBC40-DA									
Br 68035LBN25-DA	68035LBN40-DA		24W	3570	220-240V (700mA)	4000	>80	27W	2963	110
Ne 68036LBN25-DA	68036LBN40-DA									
Gr 68037LBN25-DA	68037LBN40-DA									



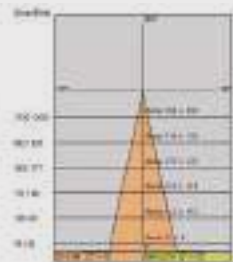
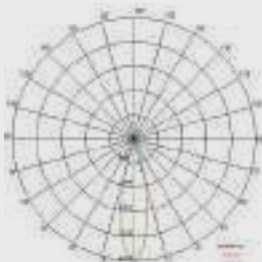
1,80 Kg



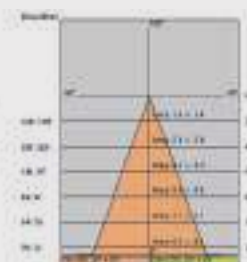
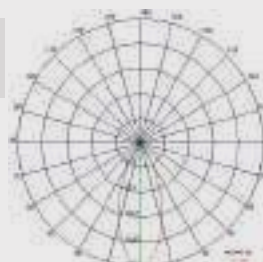
IP 20



24W
...-LBC
25°



24W
...-LBC
40°







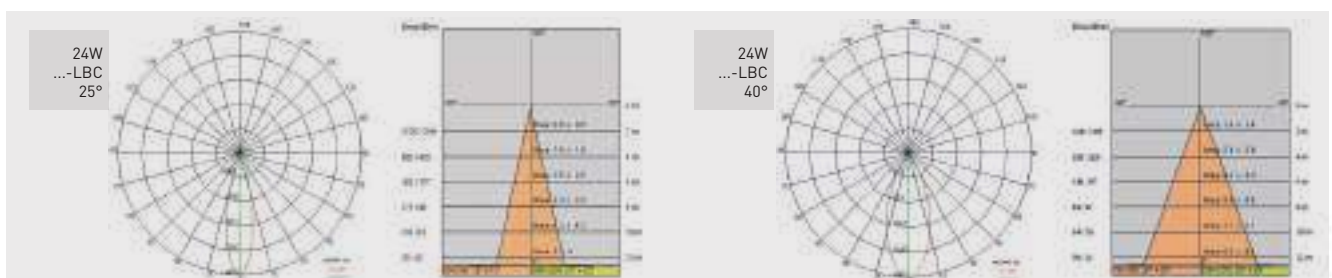
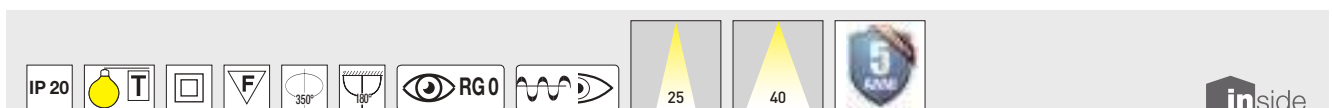
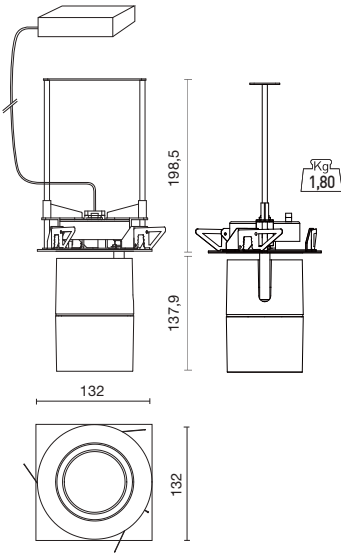
BEND XS ESTRAIBILE-ORIENTABILE FLANGIA QUADRATA

- Dimensione flangia quadrata: 132x132mm magnetica.
- Viti in dotazione.
- Corpo ottica in pressofusione di alluminio EN AB-47100, struttura in lamiera di acciaio.
- Verniciatura per interni in polvere poliester.
- Riflettore in alluminio purissimo 99,9% - ottica estraibile orientabile.
- Vetro temprato chiaro.
- Alimentatore integrato per diodi leds, uscita stabilizzata @700mA dc.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.

- Dimensions of the magnetic square flange: 132x132mm.
- Supplied screws.
- Optic body in EN AB-47100 die-cast aluminium, steel sheet structure.
- Polyester powder coating for indoor use.
- Reflector in pure aluminum 99.9% adjustable extractable optic.
- Clear tempered glass.
- Integrated power supply for LED diodes, stabilized output @700mA dc.
- Led service life: 50,000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.



	25	40	LED					SISTEMA-SYSTEM		
			W	lm	V	K	CRI	W	lm	lm/W
Br 68038-LBC-25	68038-LBC-40		24W	3365	220-240V (700mA)	3000	>80	27W	2793	103
Ne 68039-LBC-25	68039-LBC-40									
Gr 68040-LBC-25	68040-LBC-40									
Br 68038-LBN-25	68038-LBN-40		24W	3570	220-240V (700mA)	4000	>80	27W	2963	110
Ne 68039-LBN-25	68039-LBN-40									
Gr 68040-LBN-25	68040-LBN-40									
Br 68038LBC25-DA	68038LBC40-DA		24W	3365	220-240V (700mA)	3000	>80	27W	2793	103
Ne 68039LBC25-DA	68039LBC40-DA									
Gr 68040LBC25-DA	68040LBC40-DA									
Br 68038LBN25-DA	68038LBN40-DA		24W	3570	220-240V (700mA)	4000	>80	27W	2963	110
Ne 68039LBN25-DA	68039LBN40-DA									
Gr 68040LBN25-DA	68040LBN40-DA									







BEND XS ESTRAIBILE-ORIENTABILE FLANGIA RETTANGOLARE

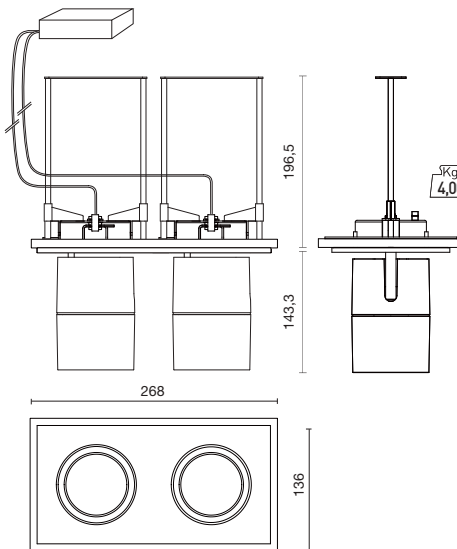
- Dimensione flangia rettangolare: 268x136x6mm magnetica.
- Viti in dotazione.
- Corpo ottica in pressofusione di alluminio EN AB-47100, struttura in lamiera di acciaio.
- Verniciatura per interni in polvere poliestere.
- Riflettore in alluminio purissimo. 99,9% - ottica estraibile orientabile.
- Vetro temprato chiaro.
- Alimentatore integrato per diodi leds, uscita stabilizzata @700mA dc.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.

- Dimensions of the magnetic rectangular flange: 268x136x6mm.
- Supplied screws.
- Optic body in EN AB-47100 die-cast aluminium, steel sheet structure.
- polyester powder coating for indoor use.
- Reflector in pure aluminum 99.9% adjustable extractable optic.
- Clear tempered glass.
- Integrated power supply for LED diodes, stabilized output @700mA dc.
- Led service life: 50,000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.



254x118 mm $\Delta = 5 \pm 30$ mm

	25	40	LED					SISTEMA-SYSTEM		
			W	lm	V	K	CRI	W	lm	lm/W
Br 68041-LBC-25	68041-LBC-40		2x24W	2x3365	220-240V (700mA)	3000	>80	51W	5586	110
Ne 68042-LBC-25	68042-LBC-40									
Gr 68043-LBC-25	68043-LBC-40									
Br 68041-LBN-25	68041-LBN-40		2x24W	2x3570	220-240V (700mA)	4000	>80	51W	5926	116
Ne 68042-LBN-25	68042-LBN-40									
Gr 68043-LBN-25	68043-LBN-40									
DALI										
Br 68041LBC25-DA	68041LBC40-DA		2x24W	2x3365	220-240V (700mA)	3000	>80	51W	5586	110
Ne 68042LBC25-DA	68042LBC40-DA									
Gr 68043LBC25-DA	68043LBC40-DA									
Br 68041LBN25-DA	68041LBN40-DA		2x 24W	2x3570	220-240V (700mA)	4000	>80	51W	5926	116
Ne 68042LBN25-DA	68042LBN40-DA									
Gr 68043LBN25-DA	68043LBN40-DA									



IP 20



T



F



350



100



RG0



25



40



5

5

5

5

5

5

5

5

5

5

5

5

5

5

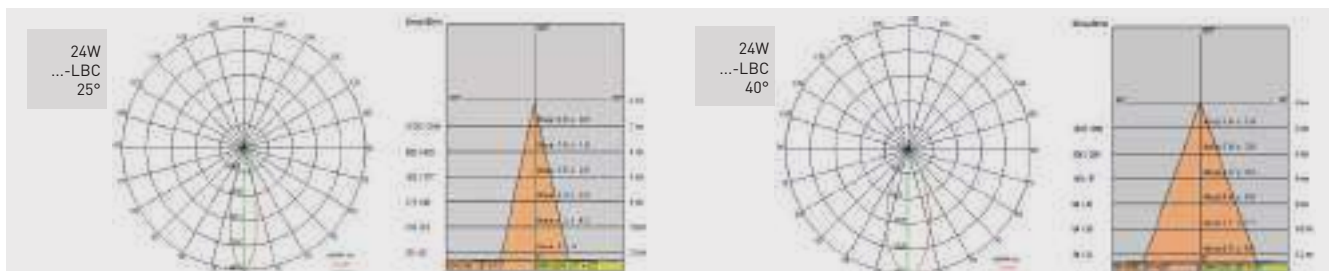
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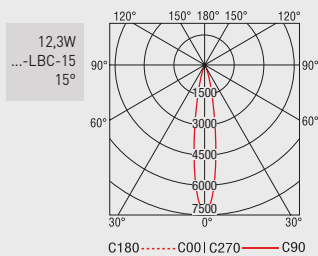
inside



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color

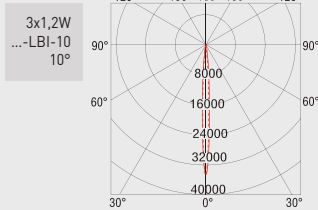


IP 20
IP 44

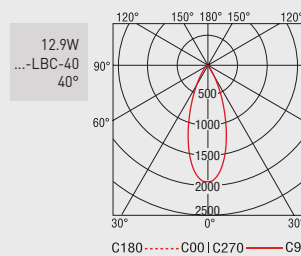


(m)	∅ (m)	(lx)	
		max	med
1,0	0,30	7426	4732
2,0	0,60	1856	1183
3,0	0,90	825	526
4,0	1,19	464	296
5,0	1,49	297	189

C180 C00 | C270 — C90

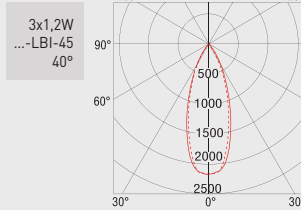


(m)	∅ (m)	(lx)	
		max	med
1,0	0,10 0,11	12963	7808
2,0	0,20 0,21	3241	1952
3,0	0,30 0,32	1440	868
4,0	0,40 0,42	810	488
5,0	0,50 0,53	519	312



(m)	∅ (m)	(lx)	
		max	med
1,0	0,67	2609	1560
2,0	1,33	652	390
3,0	2,00	290	173
4,0	2,67	163	97
5,0	3,33	104	62

C180 C00 | C270 — C90



(m)	∅ (m)	(lx)	
		max	med
1,0	0,57 0,63	618	381
2,0	1,14 1,26	155	95
3,0	1,71 1,89	69	42
4,0	2,27 2,52	39	24
5,0	2,84 3,15	25	15



SPRINT MINI

- Struttura in lamiera verniciata a polvere e molle di fissaggio a filo.
- Sorgente luminosa con n. 3 Led di potenza ad alta resa completo di dissipatore in alluminio verniciato.
- Painted steel powder coated body and lock spring at flat level.
- High efficiency n. 3 power Led lighting source with painted aluminium heatsink.



105 mm 0=30 mm

LED COB				(W)	(lm)	(V)	(K)	(A)	(CRI)
	Br	67915C-LBC-15	15	12,3W	1040	350mA	3000		>90
	Ne	67916C-LBC-15							
	Ga	67917C-LBC-15							
	Br	67915C-LBN-15	15	12,3W	1120	350mA	4000		>90
	Ne	67916C-LBN-15							
	Ga	67917C-LBN-15							
	Br	67915C-LBC-24	24	12,9W	1430	350mA	3000		>80
	Ne	67916C-LBC-24							
	Ga	67917C-LBC-24							
	Br	67915C-LBN-24	24	12,9W	1510	350mA	4000		>80
	Ne	67916C-LBN-24							
	Ga	67917C-LBN-24							
Br	67915C-LBC-40	40	12,9W	1360	350mA	3000		>80	
Ne	67916C-LBC-40								
Ga	67917C-LBC-40								
Br	67915C-LBN-40	40	12,9W	1430	350mA	4000		>80	
Ne	67916C-LBN-40								
Ga	67917C-LBN-40								



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644759-1	ON-OFF	15W	IP20	350mA
645984	ON-OFF	15W	IP40	350mA

					(W)	(lm)	(V)	(K)	(CRI)
	VERSIONE CON 3 LED - 3 LED VERSION								
	Br	67915-LBC-10	67915-LBC-30	67915-LBC-45	3x1,2W 3x2W	240 330	350mA 500mA	3000	>80
	Ne	67916-LBC-10	67916-LBC-30	67916-LBC-45					
	Ga	67917-LBC-10	67917-LBC-30	67917-LBC-45					
	Br	67915-LBI-10	67915-LBI-30	67915-LBI-45	3x1,2W 3x2W	300 420	350mA 500mA	6000	>80
	Ne	67916-LBI-10	67916-LBI-30	67916-LBI-45					
	Ga	67917-LBI-10	67917-LBI-30	67917-LBI-45					
	Br	67915-LBL-10	67915-LBL-30	67915-LBL-45	3x1,2W 3x2W	-	350mA 500mA	470nm	>80
	Ne	67916-LBL-10	67916-LBL-30	67916-LBL-45					
	Ga	67917-LBL-10	67917-LBL-30	67917-LBL-45					



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644758	ON-OFF	8W	IP20	350mA
644759-1	ON-OFF	15W	IP20	350mA
646427	ON-OFF	12W	IP20	350mA
645086	OF	20W	IP40	500mA
645833	DIM T.F.	15W	IP20	500mA





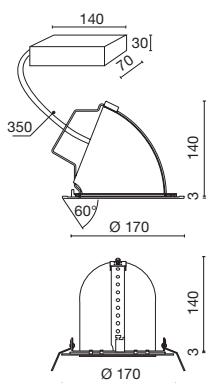
TOR 15 MCL ORIENTABILE

- Corpo in pressofusione di alluminio.
- Verniciatura per interni a polveri epossidiche.
- Vetro temperato trasparente extrachiaro.
- Housing and ring of die-cast aluminium.
- Epoxy powder coated for internal.
- Extra transparent glass tempered.



Ø 156 mm Δ 5÷30 mm

Icona	Modello	Descrizione	Luce	LED					SISTEMA-SYSTEM			
				W	lm	V	K	CRI	W	lm	lm/W	
	2929C-LBC-S	SPOT	▲5	31W	4665	220-240V (900mA)	3000	>80	35W	4145	118	(15°)
	2929C-LBC-FL	FLOOD	▲30							3965	113	(30°)
	2929C-LBC-WF	WIDE FLOOD	▲40							3920	112	(40°)
	2929C-LBN-S	SPOT	▲5	31W	4998	220-240V (900mA)	4000	>80	35W	4450	127	(15°)
	2929C-LBN-FL	FLOOD	▲30							4248	121	(30°)
	2929C-LBN-WF	WIDE FLOOD	▲40							4200	120	(40°)



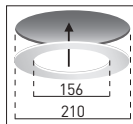
1,45 Kg

OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**
disponibile - available



ACC. A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit
INV 1052 Kit 1h
INV 1052-3 Kit 3h

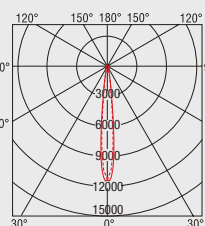
122 Anello di compensazione - Compensation ring



IP 20
IP 44

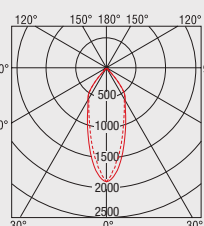


C180.....C00 | C270 — C90



(m)	Ø (m)	(lx)
1.0	0.19 / 0.21	max 42522 med 27574
2.0	0.37 / 0.42	10631 6894
3.0	0.56 / 0.63	4725 3064
4.0	0.74 / 0.84	2658 1723
5.0	0.93 / 1.05	1701 1103

C180.....C00 | C270 — C90



(m)	Ø (m)	(lx)
1.0	0.5 / 0.58	max 6729 med 4036
2.0	1.02 / 1.16	1682 1009
3.0	1.54 / 1.74	748 448
4.0	2.05 / 2.32	421 252
5.0	2.56 / 2.90	269 161





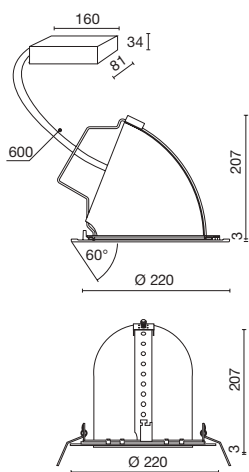
TOR 18 MCL ORIENTABILE

- Corpo in pressofusione di alluminio.
- Verniciatura per interni a polveri epossidiche.
- Parabola in alluminio purissimo al 99,8%.
- Vetro temperato trasparente extrachiaro.
- Housing and ring of die-cast aluminium.
- Epoxy powder coated for internal.
- Reflector of very pure aluminium 99,8%.
- Extra transparent glass tempered.



205 mm 5-30 mm

	Br	Nr	Gr	LED			SISTEMA-SYSTEM						
				W	Im	V	K	CRI	W	Im	Im/W		
	2985-LBC	2988-LBC	2991-LBC	24W	3365	220-240V (700mA)	3000	>80	27W	3095	115	[20°]	
	2986-LBC	2989-LBC	2992-LBC										[30°]
	2987-LBC	2990-LBC	2993-LBC										
	2985-LBN	2988-LBN	2991-LBN	24W	3570	220-240V (700mA)	4000	>80	27W	3285	121	[20°]	
	2986-LBN	2989-LBN	2992-LBN										[30°]
	2987-LBN	2990-LBN	2993-LBN										
	2985-LBC-DA	2988-LBC-DA	2991-LBC-DA	24W	3365	220-240V (700mA)	3000	>80	27W	3030	112	[20°]	
	2986-LBC-DA	2989-LBC-DA	2992-LBC-DA										[30°]
	2987-LBC-DA	2990-LBC-DA	2993-LBC-DA										
	2985-LBN-DA	2988-LBN-DA	2991-LBN-DA	24W	3570	220-240V (700mA)	4000	>80	27W	3210	118	[20°]	
	2986-LBN-DA	2989-LBN-DA	2992-LBN-DA										[30°]
	2987-LBN-DA	2990-LBN-DA	2993-LBN-DA										



STK 2,40

OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**
 disponibile - available

ACC. A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit
 INV 1052 Kit 1h
 INV 1052-3 Kit 3h

IP 20

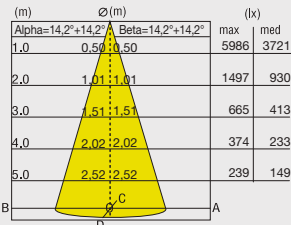
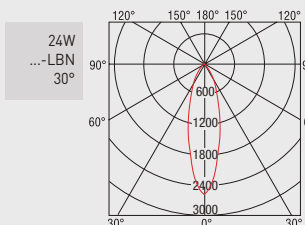


RG0



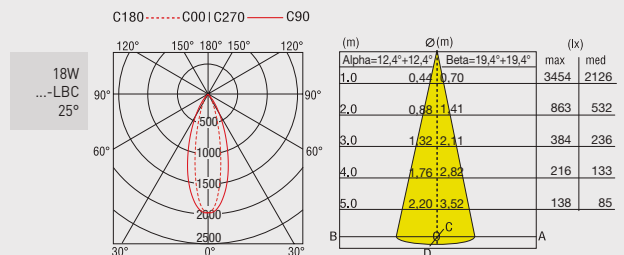
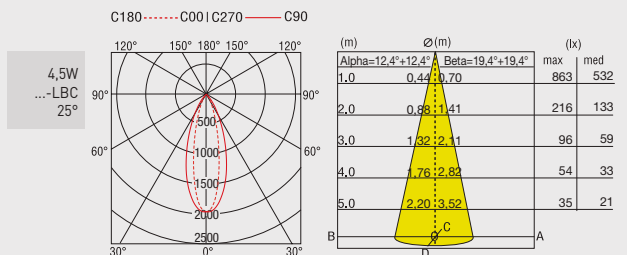
inside

C180.....C00|C270 — C90





IP 20





TRAIL INCASSO

- Corpo e testate in alluminio verniciato in polveri.
- Riflettore in policarbonato.
- Alimentatore in dotazione.

- Aluminium powder coated body and end caps.
- Polycarbonate reflector.
- Driver included.



	SKG-L	Br	LED				SISTEMA-SYSTEM		
			W	lm	V	K	CRI	W	lm
1 LED 36x38,5 mm ▲= 5÷30 mm	0,120		3710-LBC 3710-LBN	2W 150 160	220-240V (500mA)	3000 4000	>80	3W 120 130	40 43
3 LED 36x86,5 mm ▲= 5÷30 mm	0,135		3716-LBC 3716-LBN	4,5W 480 530	220-240V (500mA)	3000 4000	>80	5,5W 352 389	64 70
6 LED 36x162,5 mm ▲= 5÷30 mm	0,27		3719-LBC 3719-LBN	9W 960 1056	220-240V (500mA)	3000 4000	>80	10W 770 880	77 85
9 LED 36x236,5 mm ▲= 5÷30 mm	0,40		3722-LBC 3722-LBN	13,5W 1440 1584	220-240V (500mA)	3000 4000	>80	15,5W 1035 1150	68 74
12 LED 36x314 mm ▲= 5÷30 mm	0,65		3725-LBC 3725-LBN	18W 1920 2412	220-240V (500mA)	3000 4000	>80	21W 1410 1540	67 73
OP. A richiesta - On request: disponibile - available multipli di 3 LED - multiples of 3 LED									

UGR <13

$$UGR = 8 \log_{10} \left[\frac{0,25}{L_b} \sum \frac{L^2 \omega}{p^2} \right]$$



SINDI 60



- Corpo in pressofusione di alluminio verniciato in polveri.
- Schermo di protezione in policarbonato.
- Led durata utile: 50.000 (h) L80 B10.

- Body made of die-cast aluminium powder coated.
- Protection screen in polycarbonate.
- Led life: 50.000 (h) L80 B10.



54x54 mm ∇ 0±20 mm

				(W)	(lm)	(V)	(K)	(CRI)
	Br	2868-LBC						
	Ne	2869-LBC		7W	890	200mA	3000	>80
	Ga	2870-LBC						
	Br	2868-LBN						
	Ne	2869-LBN		7W	960	200mA	4000	>80
	Ga	2870-LBN						
ALIMENTATORE - DRIVER 646312 ON-OFF				8W	IP20	200mA		

	K I T	APPARECCHIO + ALIMENTATORE - FITTING + DRIVER						
	Br	KT2868-LBC	ON-OFF	8W	890	200mA	3000	>80
	Ne	KT2869-LBC						
	Br	KT2868-LBN	ON-OFF	8W	960	200mA	4000	>80
	Ne	KT2869-LBN						

OP. A richiesta - On request: **CRI > 90**

Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

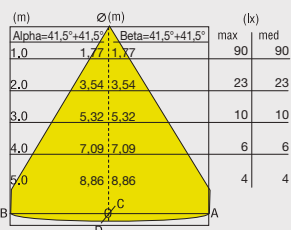
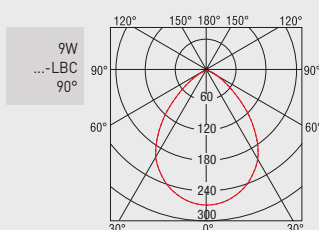
disponibile - available



*Solo apparecchio - Only fitting



C180 - - - - C00 | C270 - - - - C90





SINDI 100

- Corpo in pressofusione di alluminio verniciato in polveri.
- Schermo di protezione in policarbonato.
- Led durata utile: 50.000 (h) L80 B20.

- Body made of die-cast aluminium powder coated.
- Protection screen in polycarbonate.
- Led life: 50.000 (h) L80 B20.

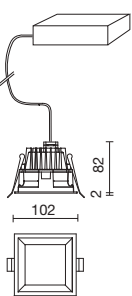


93x93 mm ∇ 1÷30 mm

		W	lm	I	K	(CRI)
 	Br 2860-LBC					
	Ne 2861-LBC	11,5W	1840	350mA	3000	>80
	Ga 2862-LBC					
 	Br 2860-LBN					
	Ne 2861-LBN	11,5W	1950	350mA	4000	>80
	Ga 2862-LBN					

ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644759-1	15W	IP20	350mA
645673	18W	IP65	350mA



KIT		APPARECCHIO + ALIMENTATORE - FITTING + DRIVER					
 	Br KT2860-LBC	ON-OFF	13,5W	1840	220-240V [350mA]	3000	>80
	Ne KT2861-LBC						
 	Br KT2860-LBN	ON-OFF	13,5W	1950	220-240V [350mA]	4000	>80
	Ne KT2861-LBN						

OP. A richiesta - On request: **CRI > 90**
 Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**
 disponibile - available

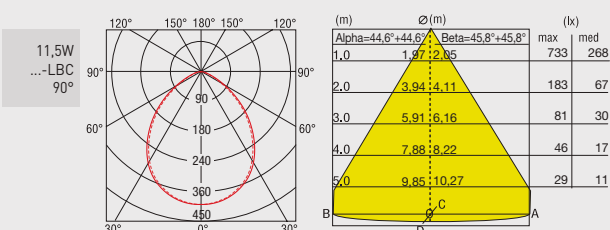
ACC.	148-Q	Contenitore per solette in calcestruzzo - Container for concrete slabs

*Solo apparecchio - Only fitting



inside outside

C180.....C00 | C270 — C90



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color





SINDI 140

- Corpo in pressofusione di alluminio verniciato in polveri.
- Schermo di protezione in policarbonato.
- Led durata utile: 50.000 (h) L80 B10.
- Costanza cromatica: 3 SDCM.

- Body made of die-cast aluminium powder coated.
- Protection screen in polycarbonate.
- Led life: 50.000 (h) L80 B10.
- Chromatic constancy: 3 SDCM.



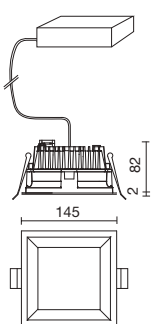
136x136 mm ∇ 0±20 mm

		W	lm	V	K	CRI
	Br 2875-LBC					
	Ne 2876-LBC	24W	3365	700mA	3000	>80
	Ga 2877-LBC					
	Br 2875-LBN					
	Ne 2876-LBN	24W	3570	700mA	4000	>80
	Ga 2877-LBN					



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644936	ON-OFF	25W	IP40	700mA
644757	PUSH 1± 10V	35W	IP20	350/900mA
644757-DA	DIM DALI	35W	IP20	700mA



K I T APPARECCHIO + ALIMENTATORE - FITTING + DRIVER

	Br KT2875-LBC	ON-OFF	27W	3365	220-240V (700mA)	3000	>80
	Ne KT2876-LBC						
	Br KT2875-LBN	ON-OFF	27W	3570	220-240V (700mA)	4000	>80
	Ne KT2876-LBN						

OP. A richiesta - On request: **CRI > 90**

Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

disponibile - available



*Solo apparecchio - Only fitting

IP54

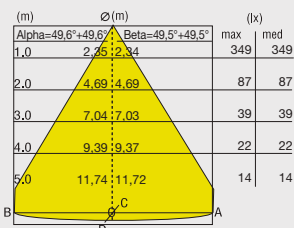
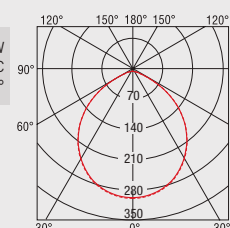


*



inside outside

C180 C00 | C270 C90







QUICK

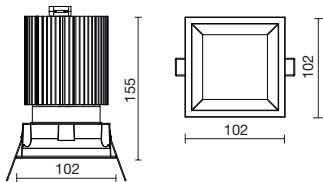
- Vano ottico in pressofusione di alluminio.
- Verniciatura a polvere.
- Dissipatore in estruso di alluminio.
- Schermo in policarbonato opale.
- Led durata utile: 50.000 (h) L90 B50
- Costanza cromatica: 3 SDCM.

- Optic tray made of die-cast aluminium.
- Powder coated.
- Extruded aluminium heatsink.
- Opal polycarbonate screen.
- Led life: 50.000 (h) L90 B50.
- Chromatic constancy: 3 SDCM.



93x93 mm 1÷30 mm

	Bi	Ne	LED					SISTEMA-SYSTEM		
			W	lm	V	K	CRI	W	lm	lm/W
	2865Q-LBC	2866Q-LBC	24W	3365	700mA	3000	>80	24W	2592	96
	2865Q-LBN	2866Q-LBN	24W	3570	700mA	4000	>80	24W	2750	102



0,75 kg



ALIMENTATORI - DRIVERS

644936	ON-OFF	IP40	25W	700mA
644757	DIMM 1÷10V	IP20	25W	700mA
644757-DA	DALI	IP20	32W	700mA

OP.

A richiesta - On request: Led con temperatura di COLORE 2700K - Temperature Led COLOUR 2700K

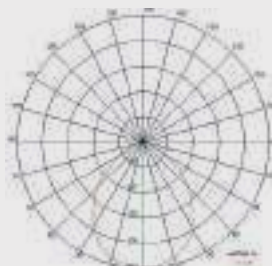
CRI > 90

IP 20
IP 40



inside

24W
...-LBC
90°



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color





MATRIX MICRO COB - MATRIX MICRO 3 LED

- Corpo in metallo verniciato.
- Housing of painted metal.



82x82 mm ∇ 0÷30 mm

MATRIX MICRO COB



(W) (lm) (V) (K) (CRI)

Bi	71106C-LBC-15	▲15	12,3W	1040	350mA	3000	>90
Ga	71105C-LBC-15						
Bi	71106C-LBN-15	▲15	12,3W	1120	350mA	4000	>90
Ga	71105C-LBN-15						
Bi	71106C-LBC-24	▲24	12,9W	1430	350mA	3000	>80
Ga	71105C-LBC-24						
Bi	71106C-LBN-24	▲24	12,9W	1510	350mA	4000	>80
Ga	71105C-LBN-24						
Bi	71106C-LBC-40	▲40	12,9W	1360	350mA	3000	>80
Ga	71105C-LBC-40						
Bi	71106C-LBN-40	▲40	12,9W	1430	350mA	4000	>80
Ga	71105C-LBN-40						

0,70



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644759-1	ON-OFF	15W	IP20	350mA
645984	ON-OFF	15W	IP40	350mA

MATRIX MICRO 3 LED



(W) (lm) (V) (K) (CRI)

Bi	71106-LBC-10		3x1,2W	240	350mA	3000	>80
Ga	71105-LBC-10		3x2,5W	410	700mA		
Bi	71106-LBI-10		3x1,2W	300	350mA	6000	>80
Ga	71105-LBI-10		3x2,5W	510	700mA		
Bi	71106-LBL-10		3x1,2W	-	350mA	470nm	>80
Ga	71105-LBL-10		3x2,5W	-	700mA		

0,70



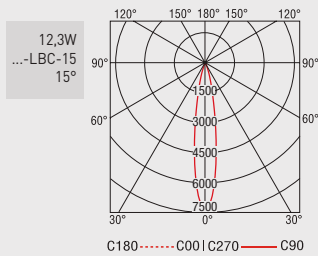
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644758	ON-OFF	8W	IP20	350mA
644759-1	ON-OFF	15W	IP20	350mA
644627	ON-OFF	12W	IP20	350mA
644936	ON-OFF	IP40	25W	700mA

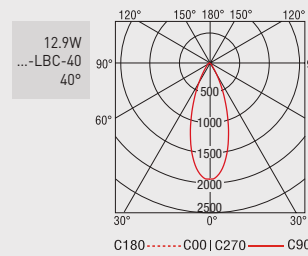
OP.

*A richiesta - On request: apertura fascio - light beam ▲25 ▲40

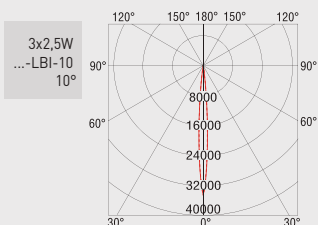
IP 20



(m)	∅(m)	(lx)
1.0	0.30	max 7426 med 4732
2.0	0.60	1856 1183
3.0	0.90	825 526
4.0	1.19	464 296
5.0	1.49	297 189



(m)	∅(m)	(lx)
1.0	0.67	max 2609 med 1560
2.0	1.33	652 390
3.0	2.00	290 173
4.0	2.67	163 97
5.0	3.33	104 62



(m)	∅(m)	(lx)
1.0	0.10	max 21053 med 12681
2.0	0.20	5263 3170
3.0	0.30	2339 1409
4.0	0.40	1316 793
5.0	0.50	842 507





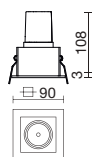
MATRIX MICRO EMME

- Corpo in metallo verniciato.
- Housing of painted metal.



82x82 mm ∇ 0:30 mm

			(W)	(lm)	(V)	(K)	(CRI)
Bi 71104-MLBC-25	71104-MLBC-40		6,2W	770	350mA	3000	>80
Ga 71105-MLBC-25	71105-MLBC-40						
Bi 71104-MLBN-25	71104-MLBN-40		6,2W	860	350mA	4000	>80
Ga 71105-MLBN-25	71105-MLBN-40						

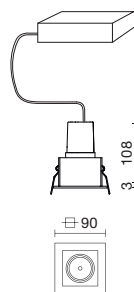


OP. A richiesta - On request: disponibile - available



MODULO LED DI RICAMBIO - LED MODULE REPLACEMENT

645646-BC	Modulo-Module Led COB	830lm	3000K	25°
645646-BN	Modulo-Module Led COB	900lm	4000K	25°
645646-BI	Modulo-Module Led COB	1100lm	5600K	25°
645647-BC	Modulo-Module Led COB	830lm	3000K	40°
645647-BN	Modulo-Module Led COB	900lm	4000K	40°
645647-BI	Modulo-Module Led COB	1100lm	5600K	40°

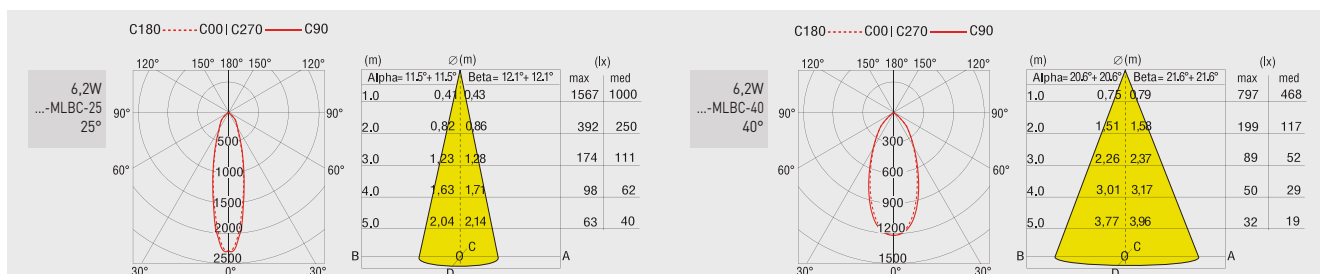
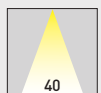
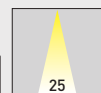


KIT APPARECCHIO + ALIMENTATORE - FITTING + DRIVER

Bi KT71104MLBC25	KT71104MLBC40	7,2W	770	220-240V 350mA	3000	>80
Ga KT71105MLBC25	KT71105MLBC40					
Bi KT71104MLBN25	KT71104MLBN40	7,2W	860	220-240V 350mA	4000	>80
Ga KT71105MLBN25	KT71105MLBN40					

*Solo apparecchio - Only fitting

IP 20







MATRIX MICRO SC

SENZA CORNICE - TRIMLESS

- Corpo in metallo verniciato.
- Gruppo ottico orientabile +/- 20°.
- Housing of painted metal.
- +/- 20° adjustable optic.

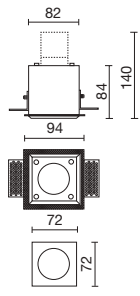


MATRIX MICRO SC XS



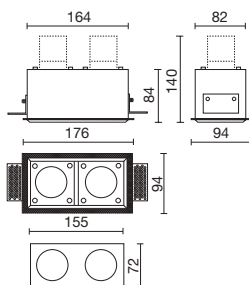
MATRIX MICRO SC XL

	25	40	W	lm	V	K	CRI
0,60 Br	71106-MLBC-25 71106-MLBN-25	71106-MLBC-40 71106-MLBN-40	1x6,2W	770 860	500mA	3000 4000	>80
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED							
645086	OF	20W	IP40	500mA			
645833	DIM T.F.	15W	IP20	500mA			



98x98 mm 5±30 mm

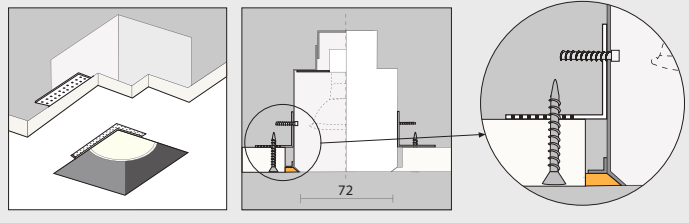
	25	40	W	lm	V	K	CRI
0,94 Br	71111-MLBC-25 71111-MLBN-25	71111-MLBC-40 71111-MLBN-40	2x6,2W	2x770 2x860	500mA	3000 4000	>80
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED							
645086	OF	20W	IP40	500mA			
645833	DIM T.F.	15W	IP20	500mA			



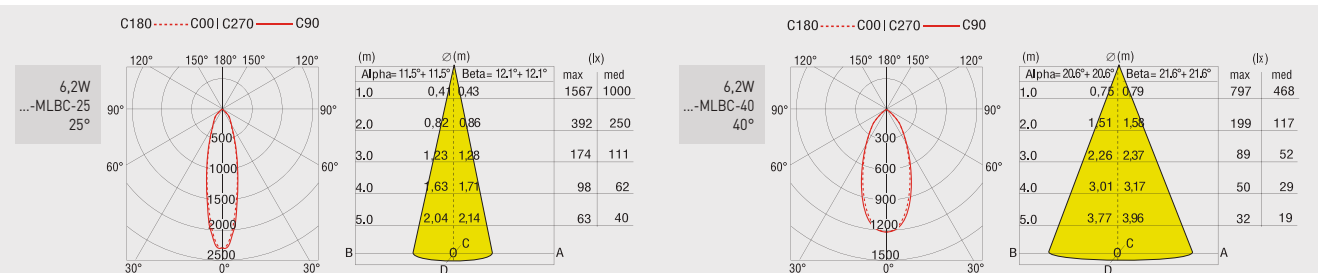
98x180 mm 5±30 mm

ACC.	Code	Description
	3035	Diffusore in vetro per monolampada - Glass diffuser one lamp
	3036	Diffusore in vetro per bilampada - Glass diffuser double lamp

RASAMENTO A FILO CARTONGESSO - PLASTERBOARD FLAT FINISHING



IP 20

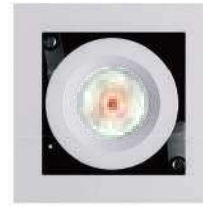


ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color

MATRIX MINI



- Corpo in metallo verniciato.
- Gruppo ottico estraibile ed orientabile +/- 20°.
- Housing of painted metal.
- +/- 20° adjustable and extractable optic.

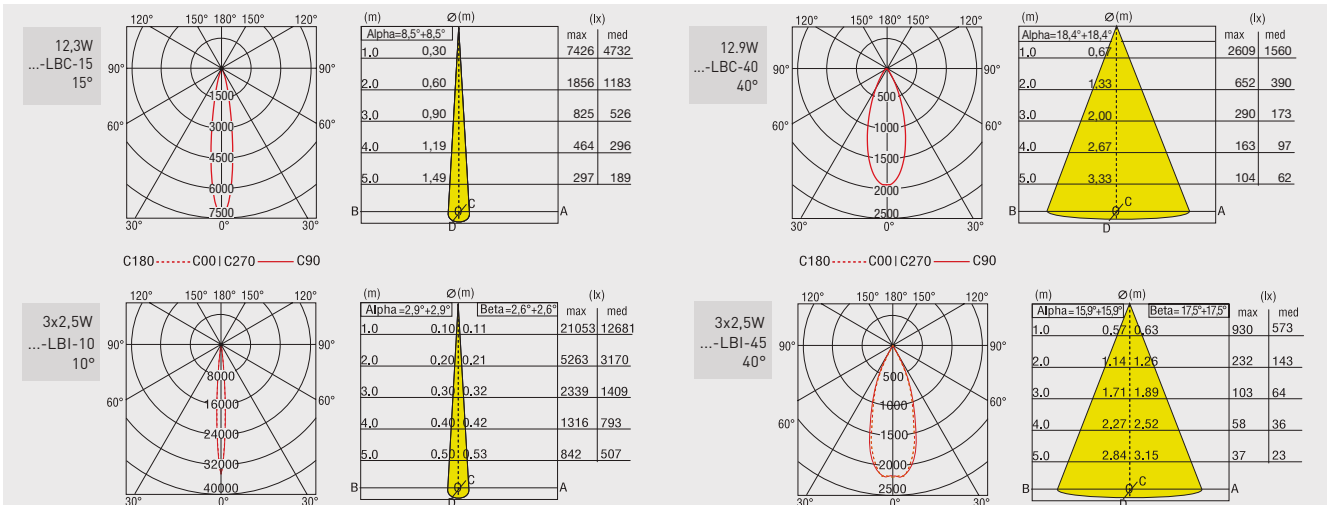


LED COB				(W)	(lm)	(V)	(K)		(CRI)
<p>118x118 mm Δ 0±30 mm</p>	Bi	71131C-LBC-15	▲15	12,3W	1040	350mA	3000		>90
	Ga	71130C-LBC-15	▲15						
	Bi	71131C-LBN-15	▲15	12,3W	1120	350mA	4000		>90
	Ga	71130C-LBN-15	▲15						
	Bi	71131C-LBC-24	▲24	12,9W	1430	350mA	3000		>80
	Ga	71130C-LBC-24	▲24						
<p>210x118 mm Δ 0±30 mm</p>	Bi	71131C-LBN-24	▲24	12,9W	1510	350mA	4000		>80
	Ga	71130C-LBN-24	▲24						
	Bi	71131C-LBC-40	▲40	12,9W	1360	350mA	3000		>80
	Ga	71130C-LBC-40	▲40						
	Bi	71131C-LBN-40	▲40	12,9W	1430	350mA	4000		>80
	Ga	71130C-LBN-40	▲40						
<p>210x118 mm Δ 0±30 mm</p>	Bi	71136C-LBC-15	▲15	2x12,3W	2080	350mA	3000		>90
	Ga	71135C-LBC-15	▲15						
	Bi	71136C-LBN-15	▲15	2x12,3W	2240	350mA	4000		>90
	Ga	71135C-LBN-15	▲15						
	Bi	71136C-LBC-24	▲24	2x12,9W	2860	350mA	3000		>80
	Ga	71135C-LBC-24	▲24						
<p>210x118 mm Δ 0±30 mm</p>	Bi	71136C-LBN-24	▲24	2x12,9W	3020	350mA	4000		>80
	Ga	71135C-LBN-24	▲24						
	Bi	71136C-LBC-40	▲40	2x12,9W	1360	350mA	3000		>80
	Ga	71135C-LBC-40	▲40						
	Bi	71136C-LBN-40	▲40	2x12,9W	2860	350mA	4000		>80
	Ga	71135C-LBN-40	▲40						




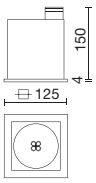


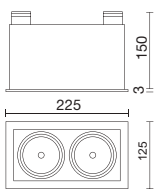






ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644759-1	ON-OFF	15W	IP20	350mA
645984	ON-OFF	15W	IP40	350mA





				(W)	(lm)	(V)	(K)	(CRI)
 <p>118x118 mm Δ = 0÷30 mm</p>								
	Ga	71130-LBC-10		3x1,2W	240	350mA	3000	>80
	Bi	71131-LBC-10		3x2,5W	410	700mA		
	Ga	71130-LBI-10		3x1,2W	300	350mA	6000	>80
	Bi	71131-LBI-10		3x2,5W	510	700mA		
	Ga	71130-LBL-10	 0,70		3x1,2W	-	350mA	470nm
	Bi	71131-LBL-10		3x2,5W	-	700mA		
	Ga	71130-RGB-10		3x1,2W	-	350mA		-
	Bi	71131-RGB-10						
 <p>210x118 mm Δ = 0÷30 mm</p>								
	Ga	71135-LBC-10		6x1,2W	2x240	350mA	3000	>80
	Bi	71136-LBC-10		6x2,5W	2x410	700mA		
	Ga	71135-LBI-10		6x1,2W	2x300	350mA	6000	>80
	Bi	71136-LBI-10		6x2,5W	2x510	700mA		
	Ga	71135-LBL-10	 1,40		6x1,2W	-	350mA	470nm
	Bi	71136-LBL-10		6x2,5W	-	700mA		
	Ga	71135-RGB-10		6x1,2W	-	350mA		-
	Bi	71136-RGB-10						
								
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED								
644758	ON-OFF	8W	IP20	350mA				
644759-1	ON-OFF	15W	IP20	350mA				
644627	ON-OFF	12W	IP20	350mA				
644940	ON-OFF	12W	IP40	700mA				
644936	ON-OFF	25W	IP40	700mA				

OP. *A richiesta - On request: apertura fascio - light beam ...-30  25-45  40

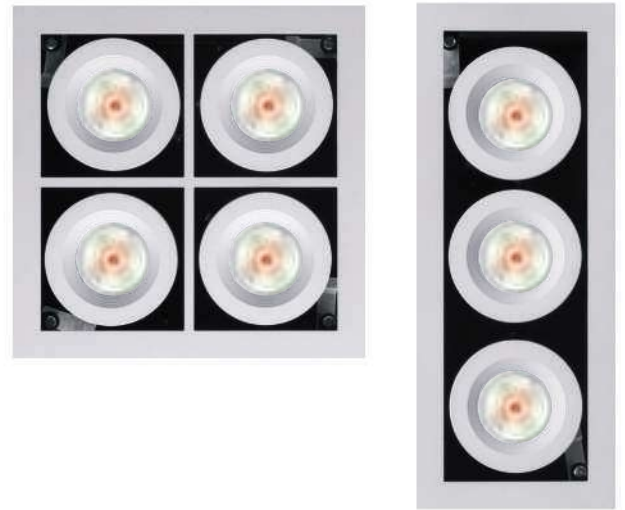


ACC. A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit
 INV 1052 Kit 1h
 INV 1052-3 Kit 3h

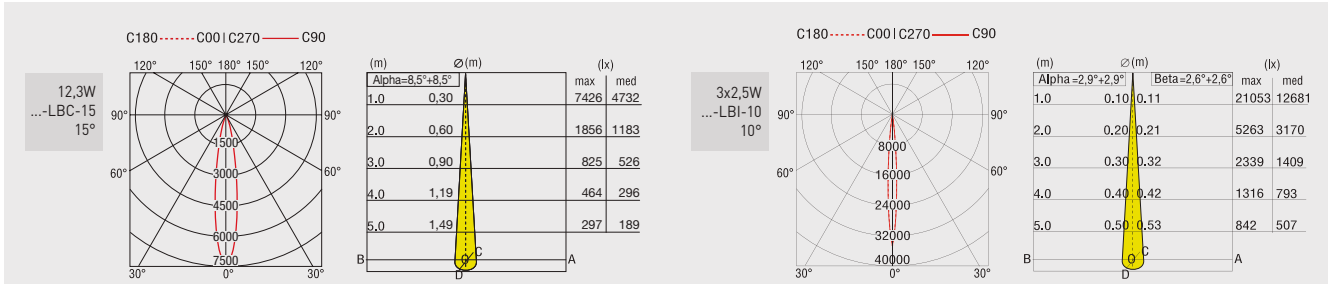
MATRIX MINI






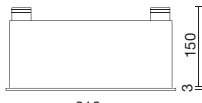
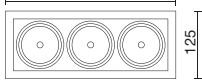
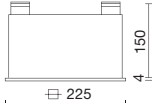
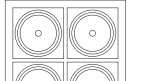






- Corpo in metallo verniciato.
- Gruppo ottico estraibile ed orientabile +/- 20°.
- Housing of painted metal.
- +/- 20° adjustable and extractable optic.



LED COB		(W)	(lm)	(V)	(K)	(CRI)
	Bi 71116C-LBC-15	3x12,3W	3x1040	350mA	3000	>90
	Ga 71115C-LBC-15					
	Bi 71116C-LBN-15	3x12,3W	3x1120	350mA	4000	>90
	Ga 71115C-LBN-15					
	Bi 71116C-LBC-24	3x12,9W	3x1430	350mA	3000	>80
	Ga 71115C-LBC-24					
	Bi 71116C-LBN-24	3x12,9W	3x1510	350mA	4000	>80
	Ga 71115C-LBN-24					
	Bi 71116C-LBC-40	3x12,9W	3x1360	350mA	3000	>80
	Ga 71115C-LBC-40					
	Bi 71116C-LBN-40	3x12,9W	3x1430	350mA	4000	>80
	Ga 71115C-LBN-40					
	Bi 71121C-LBC-15	4x12,3W	4x1040	350mA	3000	>90
	Ga 71120C-LBC-15					
	Bi 71121C-LBN-15	4x12,3W	4x1120	350mA	4000	>90
	Ga 71120C-LBN-15					
	Bi 71121C-LBC-24	4x12,9W	4x1430	350mA	3000	>80
	Ga 71120C-LBC-24					
	Bi 71121C-LBN-24	4x12,9W	4x1510	350mA	4000	>80
	Ga 71120C-LBN-24					
	Bi 71121C-LBC-40	4x12,9W	4x1360	350mA	3000	>80
	Ga 71120C-LBC-40					
	Bi 71121C-LBN-40	4x12,9W	4x1430	350mA	4000	>80
	Ga 71120C-LBN-40					
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED						
644759-1	ON-OFF	15W	IP20	350mA		
645984	ON-OFF	15W	IP40	350mA		
645658	ON-OFF	35W	IP20	350mA		





				(W)	(lm)	(V)	(K)	(CRI)
  295x118 mm $\Delta = 0 \div 30$ mm	Ga	71115-LBC-10		9x1,2W	3x240	350mA	3000	>80
	Bi	71116-LBC-10		9x2,5W	3x410	700mA	3000	>80
  210x118 mm $\Delta = 0 \div 30$ mm	Ga	71115-LBI-10		9x1,2W	3x300	350mA	6000	>80
	Bi	71116-LBI-10		9x2,5W	3x510	700mA	6000	>80
	Ga	71115-LBL-10		9x1,2W	-	350mA	470nm	-
	Bi	71116-LBL-10		9x2,5W	-	700mA	470nm	-
	Ga	71115-RGB-10		9x1,2W	-	350mA		-
	Bi	71116-RGB-10		9x1,2W	-	350mA		-
	Ga	71120-LBC-10		12x1,2W	4x240	350mA	3000	>80
	Bi	71121-LBC-10		12x2,5W	4x410	700mA	3000	>80
	Ga	71120-LBI-10		12x1,2W	4x300	350mA	6000	>80
	Bi	71121-LBI-10		12x2,5W	4x510	700mA	6000	>80
	Ga	71120-LBL-10		12x1,2W	-	350mA	470nm	-
	Bi	71121-LBL-10		12x2,5W	-	700mA	470nm	-
	Ga	71120-RGB-10		12x1,2W	-	350mA		-
	Bi	71121-RGB-10		12x1,2W	-	350mA		-
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED								
644758	ON-OFF	8W	IP20	350mA				
644759-1	ON-OFF	15W	IP20	350mA				
646427	ON-OFF	12W	IP20	350mA				
644940	ON-OFF	12W	IP40	700mA				
644936	ON-OFF	25W	IP40	700mA				

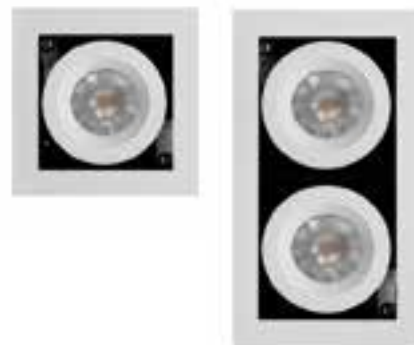
OP. *A richiesta - On request: apertura fascio - light beam ...-30  25 ...-45  40

ACC. A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit
 INV 1052 Kit 1h
 INV 1052-3 Kit 3h

MATRIX MINI EMME



- Corpo in metallo verniciato.
- Modulo Led COB in dotazione con schermo opale e dissipatore in alluminio anodizzato.
- Gruppo ottico estraibile ed orientabile +/- 20°.



- Housing of painted metal.
- Supplied COB Led module with opal screen and anodized aluminium heatsink.
- +/- 20° adjustable and extractable optic.

LED COB				(W)	(lm)	(V)	(K)	(CRI)
	Ga	71130-MLBC-25	71130-MLBC-40	1x6,2W	770	350mA	3000	>80
	Bi	71131-MLBC-25	71131-MLBC-40					
	Ga	71130-MLBN-25	71130-MLBN-40	1x6,2W	860	350mA	4000	>80
	Bi	71131-MLBN-25	71131-MLBN-40					
	Ga	71130-MLBI-25	71130-MLBI-40	1x6,2W	960	350mA	5600	>80
	Bi	71131-MLBI-25	71131-MLBI-40					

118x118 mm Δ = 0±30 mm

	Ga	71135-MLBC-25	71135-MLBC-40	2x6,2W	2x770	350mA	3000	>80
	Bi	71136-MLBC-25	71136-MLBC-40					
	Ga	71135-MLBN-25	71135-MLBN-40	2x6,2W	2x860	350mA	4000	>80
	Bi	71136-MLBN-25	71136-MLBN-40					
	Ga	71135-MLBI-25	71135-MLBI-40	2x6,2W	2x960	350mA	5600	>80
	Bi	71136-MLBI-25	71136-MLBI-40					

210x118 mm Δ = 0±30 mm



MODULO LED DI RICAMBIO - LED MODULE REPLACEMENT

645646-BC	Modulo-Module Led COB	830lm	3000K	25°
645646-BN	Modulo-Module Led COB	900lm	4000K	25°
645646-BI	Modulo-Module Led COB	1100lm	5600K	25°
645647-BC	Modulo-Module Led COB	830lm	3000K	40°
645647-BN	Modulo-Module Led COB	900lm	4000K	40°
645647-BI	Modulo-Module Led COB	1100lm	5600K	40°



ACC. A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit
 INV 1052 Kit 1h
 INV 1052-3 Kit 3h



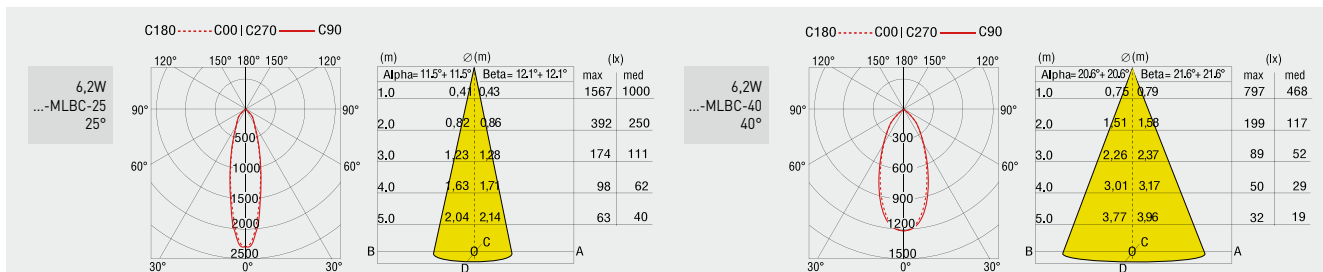
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644759-1	ON-OFF	15W	IP20	350mA
646427	ON-OFF	12W	IP20	350mA

IP 20
IP 20



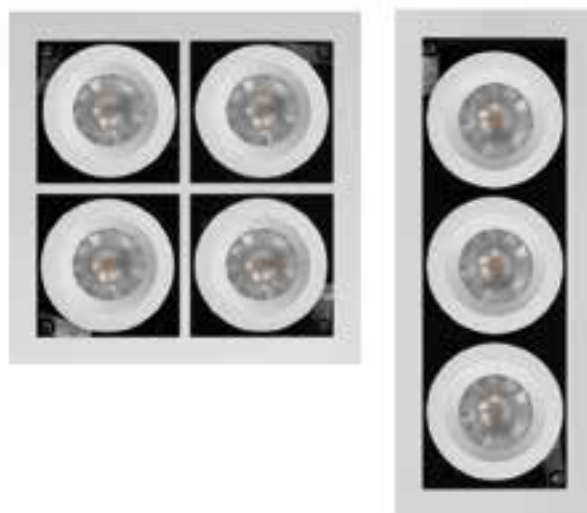
inside





- Corpo in metallo verniciato.
- Modulo Led COB in dotazione con schermo opale e dissipatore in alluminio anodizzato.
- Gruppo ottico estraibile ed orientabile +/- 20°.

- Housing of painted metal.
- Supplied COB Led module with opal screen and anodized aluminium heatsink.
- +/- 20° adjustable and extractable optic.



LED COB				W	lm	V	K	CRI
 310 150 3	Ga	71115-MLBC-25	71115-MLBC-40	3x6,2W	3x770	350mA	3000	>80
	Bi	71116-MLBC-25	71116-MLBC-40					
 310 125	Ga	71115-MLBN-25	71115-MLBN-40	3x6,2W	3x860	350mA	4000	>80
	Bi	71116-MLBN-25	71116-MLBN-40					
 310 125	Ga	71115-MLBI-25	71115-MLBI-40	3x6,2W	3x960	350mA	5600	>80
	Bi	71116-MLBI-25	71116-MLBI-40					

295x118 mm $\Delta = 0 \div 30$ mm

 225 150 4	Ga	71120-MLBC-25	71120-MLBC-40	4x6,2W	4x770	350mA	3000	>80
	Bi	71121-MLBC-25	71121-MLBC-40					
 225 150	Ga	71120-MLBN-25	71120-MLBN-40	4x6,2W	4x860	350mA	4000	>80
	Bi	71121-MLBN-25	71121-MLBN-40					
 225 150	Ga	71120-MLBI-25	71120-MLBI-40	4x6,2W	4x960	350mA	5600	>80
	Bi	71121-MLBI-25	71121-MLBI-40					

210x118 mm $\Delta = 0 \div 30$ mm



MODULO LED DI RICAMBIO - LED MODULE REPLACEMENT

645646-BC	Modulo-Module Led COB	830lm	3000K	25°
645646-BN	Modulo-Module Led COB	900lm	4000K	25°
645646-BI	Modulo-Module Led COB	1100lm	5600K	25°
645647-BC	Modulo-Module Led COB	830lm	3000K	40°
645647-BN	Modulo-Module Led COB	900lm	4000K	40°
645647-BI	Modulo-Module Led COB	1100lm	5600K	40°



ACC. A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit
 INV 1052 Kit 1h
 INV 1052-3 Kit 3h

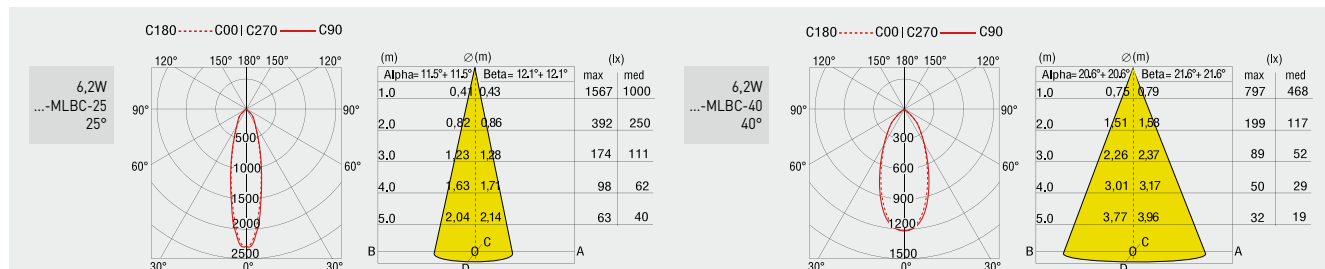


ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED				
644759-1	ON-OFF	15W	IP20	350mA
646427	ON-OFF	12W	IP20	350mA

IP 20
IP 20




inside





* Lampada Dimmerabile - Dimmable lamp

L Lampade Led111 Led111 Lamps										T Alimentatori consigliati Recommended drivers			
Marca Brand	Codice Code	Watt	Volt mA	Attacco Socket	Fascio Beam	Lumen	Cd*	Kelvin	Vita Media Average Life	Codice Code	Watt		n° max lamp
OSRAM 	646338-830	26W	700mA	-	15°	2800	-	3000K	-	646349-I	30W		1
	646338-840	26W	700mA	-	15°	2800	-	4000K	-				
	646339-830	26W	700mA	-	24°	2300	-	3000K	-				
	646339-840	26W	700mA	-	24°	2500	-	4000K	-				
	646340-830	26W	700mA	-	40°	2300	-	3000K	-				
	646340-840	26W	700mA	-	40°	2500	-	4000K	-	646168-I	40W		1
	646347-830	37W	1050mA	-	24°	3300	-	3000K	-				
	646347-840	37W	1050mA	-	24°	3600	-	4000K	-				
	646348-830	37W	1050mA	-	40°	3300	-	3000K	-				
	646348-840	37W	1050mA	-	40°	3600	-	4000K	-				



- Corpo, staffe e cornice in metallo verniciato, ghiera in alluminio pressofuso.
- Gruppo ottico orientabile.
- Housing, bracket and frame of painted metal, trim of die-cast aluminium.
- Adjustable optics.

	Gr	70100	LED 111	1x	G53
1,10	Bi	70101			



	Gr	70200	LED 111	2x	G53
2,60	Bi	70201			



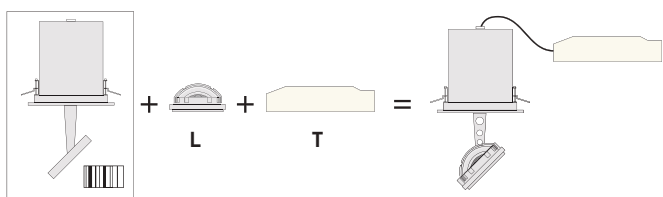
	Gr	70300	LED 111	3x	G53
3,00	Bi	70301			



	Gr	70410	LED 111	4x	G53
3,80	Bi	70411			



Gli apparecchi non sono muniti nè di lampada nè di alimentatore indipendente che potranno essere ordinati a SIDE a seconda del tipo di fascio e di potenza desiderata. The fittings are not equipped with led lamp neither independent driver. Both of them can be ordered to SIDE depending on the type of beam and the required power.




	L LAMPADE LED CONSIGLIATE - RECOMMENDED LED LAMPS			
	646339-830	26W	700mA	3000K
	646347-830	37W	1050mA	3000K
	T ALIMENTATORI CONSIGLIATI - RECOMMENDED DRIVERS			
	646349-I	30W		
	646168-I	40W		





* Lampada Dimmerabile - Dimmable lamp

L Lampade Led111 Led111 Lamps										T Alimentatori consigliati Recommended drivers				
Marca Brand	Codice Code	Watt	Volt mA	Attacco Socket	Fascio Beam	Lumen	Cd*	Kelvin	Vita Media Average Life		Codice Code	Watt		n° max lamp
OSRAM 	646338-830	26W	700mA	-	15°	2800	-	3000K	-		646349-I	30W		1
	646338-840	26W	700mA	-	15°	2800	-	4000K	-					
	646339-830	26W	700mA	-	24°	2300	-	3000K	-					
	646339-840	26W	700mA	-	24°	2500	-	4000K	-					
	646340-830	26W	700mA	-	40°	2300	-	3000K	-					
	646340-840	26W	700mA	-	40°	2500	-	4000K	-					
	646347-830	37W	1050mA	-	24°	3300	-	3000K	-		646168-I	40W		1
	646347-840	37W	1050mA	-	24°	3600	-	4000K	-					
	646348-830	37W	1050mA	-	40°	3300	-	3000K	-					
	646348-840	37W	1050mA	-	40°	3600	-	4000K	-					



	Gr 70100-SC	LED 111	1x	G53
	Bi 70101-SC			

155x155 mm Δ 0÷50 mm



	Gr 70200-SC	LED 111	2x	G53
	Bi 70201-SC			

285x155 mm Δ 0÷50 mm



	Gr 70300-SC	LED 111	3x	G53
	Bi 70301-SC			

430x155 mm Δ 0÷50 mm

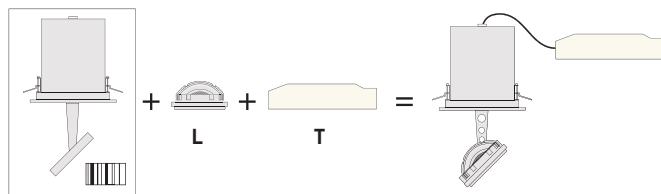


	Gr 70410-SC	LED 111	4x	G53
	Bi 70411-SC			

285x255 mm Δ 0÷50 mm



Gli apparecchi non sono muniti né di lampada né di alimentatore indipendente che potranno essere ordinati a SIDE a seconda del tipo di fascio e di potenza desiderata. The fittings are not equipped with led lamp neither independent driver. Both of them can be ordered to SIDE depending on the type of beam and the required power.



- | | | | | |
|--|--|-----|--------|-------|
| | L LAMPADE LED CONSIGLIATE - RECOMMENDED LED LAMPS | | | |
| | 646339-830 | 26W | 700mA | 3000K |
| | 646347-830 | 37W | 1050mA | 3000K |
| | T ALIMENTATORI CONSIGLIATI - RECOMMENDED DRIVERS | | | |
| | 646349-I | 30W | | |
| | 646168-I | 40W | | |



MATRIX MCL



- Corpo e cornice in metallo verniciato.
- Ghiera e snodo cardanico in alluminio pressofuso.
- Fissaggio a controsoffitto con staffe regolabili.
- Gruppo ottico orientabile +/- 30° su asse orizzontale e verticale.
- Parabola in alluminio purissimo ossidata.
- Raffreddamento Led passivo con dissipatore.

- Body and frame in painted metal.
- Trim and cardan junction in die-cast aluminium.
- False-ceiling fixing with adjustable brackets.
- Optic group adjustable +/- 30° on both horizontal-vertical axes.
- Pure oxidized aluminium reflector.
- Passive cooling Led with dissipator.



180x180 mm $\Delta = 0 \pm 30$ mm



180x339 mm $\Delta = 0 \pm 30$ mm

				LED					SISTEMA-SYSTEM			
				(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)	
	Ga	70500-LBC-30	70500-LBC-60	1x24W	3365	220-240V (700mA)	3000	>80	27W	2689	99	
	Br	70501-LBC-30	70501-LBC-60									
	Ga	70500-LBI-30	70500-LBI-60	1x24W	3570	220-240V (700mA)	4000	>80	27W	2852	106	
	Br	70501-LBI-30	70501-LBI-60									
	Ga	70505-LBC-30	70505-LBC-60	1x37W	4740	220-240V (1050mA)	3000	>80	41W	4304	105	
	Br	70506-LBC-30	70506-LBC-60									
	Ga	70505-LBI-30	70505-LBI-60	1x37W	4970	220-240V (1050mA)	4000	>80	41W	4513	110	
	Br	70506-LBI-30	70506-LBI-60									
versione-version PLUS												
	Br	70510-LBC-30	70510-LBC-60	1x43W	5280	220-240V (1200mA)	3000	>80	47W	4510	96	
	Ga	70511-LBC-30	70511-LBC-60									
	Br	70510-LBI-30	70510-LBI-60	1x43W	5520	220-240V (1200mA)	4000	>80	47W	4673	99	
	Ga	70511-LBI-30	70511-LBI-60									
	Ga	70600-LBC-30	70600-LBC-60	2x24W	2x3365	220-240V (700mA)	3000	>80	2x27W	5377	99	
	Br	70601-LBC-30	70601-LBC-60									
	Ga	70600-LBI-30	70600-LBI-60	2x24W	2x3570	220-240V (700mA)	4000	>80	2x27W	5705	106	
	Br	70601-LBI-30	70601-LBI-60									
	Ga	70605-LBC-30	70605-LBC-60	2x37W	2x4740	220-240V (1050mA)	3000	>80	2x41W	8608	105	
	Br	70606-LBC-30	70606-LBC-60									
	Ga	70605-LBI-30	70605-LBI-60	2x37W	2x4970	220-240V (1050mA)	4000	>80	2x41W	9026	110	
	Br	70606-LBI-30	70606-LBI-60									
versione-version PLUS												
	Br	70615-LBC-30	70615-LBC-60	2x43W	2x5280	220-240V (1200mA)	3000	>80	2x47W	9020	96	
	Ga	70616-LBC-30	70616-LBC-60									
	Br	70615-LBI-30	70615-LBI-60	2x43W	2x5520	220-240V (1200mA)	4000	>80	2x47W	9346	99	
	Ga	70616-LBI-30	70616-LBI-60									

OP. Versione in emergenza SA [sempre acceso] solo per modello da 2000 lumen - Autonomia 1h - Flusso luminoso 20%
Version for SA [always on] emergency for 2000 lumen fitting - Working time 1h - Luminous flux 20%

A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**



ACC. A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit

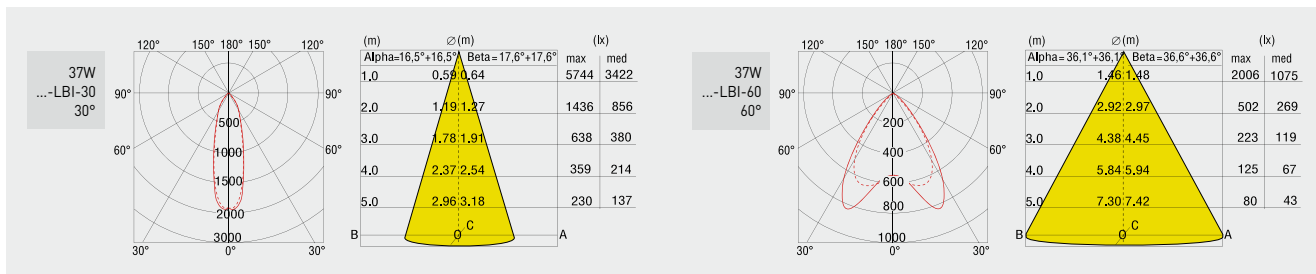
INV 1052 Kit 1h
INV 1052-3 Kit 3h





	LED		SISTEMA-SYSTEM						
	W	lm	V	K	CR1	W	lm	lm/W	
	DALI								
Ga 70500LBC30-DA	70500LBC60-DA	24W	3365	220-240V	3000	>80	27W	2689	99
Br 70501LBC30-DA	70501LBC60-DA			(700mA)					
Ga 70500LBI30-DA	70500LBI60-DA	24W	3570	220-240V	4000	>80	27W	2852	106
Br 70501LBI30-DA	70501LBI60-DA			(700mA)					
Ga 70505LBC30-DA	70505LBC60-DA	37W	4740	220-240V	3000	>80	41W	4241	103
Br 70506LBC30-DA	70506LBC60-DA			(1050mA)					
Ga 70505LBI30-DA	70505LBI60-DA	37W	4970	220-240V	4000	>80	41W	4447	108
Br 70506LBI30-DA	70506LBI60-DA			(1050mA)					
versione-version PLUS									
Ga 70510LBC30-DA	70510LBC60-DA	43W	5280	220-240V	3000	>80	47W	4510	96
Br 70511LBC30-DA	70511LBC60-DA			(1200mA)					
Ga 70510LBI30-DA	70510LBI60-DA	43W	5520	220-240V	4000	>80	47W	4715	100
Br 70511LBI30-DA	70511LBI60-DA			(1200mA)					
	DALI								
Ga 70600LBC30-DA	70600LBC60-DA	2x24W	2x3365	220-240V	3000	>80	2x27W	6021	112
Br 70601LBC30-DA	70601LBC60-DA			(700mA)					
Ga 70600LBI30-DA	70600LBI60-DA	2x24W	2x3570	220-240V	4000	>80	2x27W	6388	118
Br 70601LBI30-DA	70601LBI60-DA			(700mA)					
Ga 70605LBC30-DA	70605LBC60-DA	2x37W	2x4740	220-240V	3000	>80	2x41W	8482	103
Br 70606LBC30-DA	70606LBC60-DA			(1050mA)					
Ga 70605LBI30-DA	70605LBI60-DA	2x37W	2x4970	220-240V	4000	>80	2x41W	8893	108
Br 70606LBI30-DA	70606LBI60-DA			(1050mA)					
versione-version PLUS									
Ga 70615LBC30-DA	70615LBC60-DA	2x43W	2x5280	220-240V	3000	>80	2x47W	9020	96
Br 70616LBC30-DA	70616LBC60-DA			(1200mA)					
Ga 70615LBI30-DA	70615LBI60-DA	2x43W	2x5520	220-240V	4000	>80	2x47W	9346	99
Br 70616LBI30-DA	70616LBI60-DA			(1200mA)					

OP. A richiesta - On request: Led con temperatura di COLORE 2700K - Temperature Led COLOUR 2700K









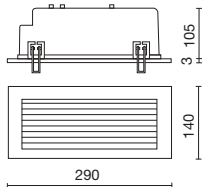
- Corpo in materiale termoplastico.
- Vano ottico in alluminio EN AB-47100.
- Verniciatura per interni in polveri epossidiche.
- Schermo diffusore in policarbonato.
- Riflettore in alluminio purissimo 99,8%.
- Fermacavo in nylon 66.
- Molle a filo in acciaio.
- Durata nominale: 50000 (h) L80 B20.
- Costanza cromatica: 3 SDCM.



260x125 mm $\Delta=1\pm 30$ mm

- Body in thermoplastic material.
- Optic tray in aluminium EN AB-47100.
- Indoor epoxy powder painting.
- Polycarbonate screen diffuser.
- Pure aluminium 99,8% reflector.
- Cable clamp in nylon 66.
- Springs steel wire.
- Led life: 50.000 (h) L90 B50.
- Chromatic constancy: 3 SDCM.

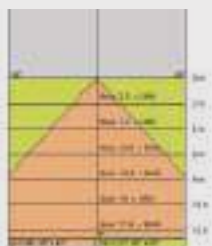
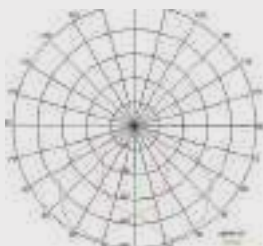
	Bi	Ne	LED					SISTEMA-SYSTEM		
			(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)
 	60110-LBC	60111-LBC	12,5W	1630	220-240V (500mA)	3000	>80	14,5W	1190	82
	60110-LBN	60111-LBN	12,5W	1760	220-240V (500mA)	4000	>80	14,5W	1285	87



IP 20
IP 44



12,5W
...-LBC



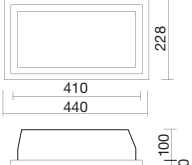






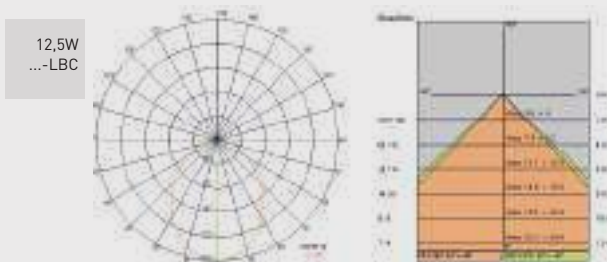
- Incasso fisso rettangolare per controsoffitti.
- Corpo e struttura in lamiera verniciata.
- Vetro di protezione opalino.
- Verniciatura per interni in polveri epossidiche.
- Fixed recessed fitting for false-ceilings.
- Body and housing made of painted sheet metal.
- Opal protection glass.
- Indoor epoxy powder coated.



420x208 mm 0-50 mm

		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	Bi RL4200-LBC	tot. 35W SMD	3150	220-240V (700mA)	3000	>80	39W	2033	52
	Gi RL4201-LBC								
	Bi RL4200-LBN	tot. 35W SMD	3500	220-240V (700mA)	4000	>80	39W	2236	57
	Gi RL4201-LBN								
	Bi RL4200-LBI	tot. 35W SMD	3500	220-240V (700mA)	6000	>80	39W	2236	57
	Gi RL4201-LBI								

ACC.  A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit
 INV 1052 Kit 1h
 INV 1052-3 Kit 3h







DOMINO BASIC



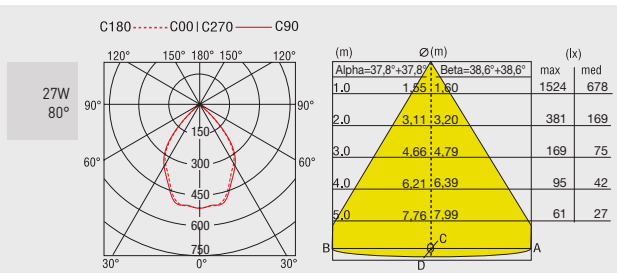
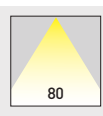
- Anello e telaio reggivetri in pressofusione di alluminio verniciato in polveri.
- Riflettore in alluminio purissimo.
- Vetro di protezione trasparente, dissipatore alettato in alluminio.
- Luce bianca 4000°K, bianco caldo 3000°K senza emissione IR o UV.
- Led durata utile: 35.000 (h) L70 B50 ON-OFF.
- Led durata utile: 50.000 (h) L70 B50 DALI.
- Costanza cromatica <5MCE .

- Ring and glass-holder frame made of die-cast aluminium, powder painted.
- Pure aluminium reflector.
- Transparent protection glass, aluminium heatsink.
- White light 4000°K, warm white 3000°K without IR or UV emission.
- Led life: 35.000 (h) L70 B50 ON-OFF.
- Led life: 50.000 (h) L70 B50 DALI.
- Chromatic constancy <5MCE .

225x225 mm 5÷30 mm

		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	Br 4194	16,9W	2000	220-240V	3000	>80	18,9W	1493	79
	Ga 4195								
	Br 4196	16,9W	2000	220-240V	4000	>80	18,9W	1493	79
	Ga 4197								
	Br 4200	27W	3000	220-240V	3000	>80	31W	2239	72
	Ga 4201								
	Br 4198	27W	3000	220-240V	4000	>80	31W	2239	72
	Ga 4199								
	Br 4194-DA	16,9W	2000	220-240V	3000	>80	18,9W	1493	79
	Ga 4195-DA								
	Br 4196-DA	16,9W	2000	220-240V	4000	>80	18,9W	1493	79
	Ga 4197-DA								
	Br 4200-DA	27W	3000	220-240V	3000	>80	31W	2239	72
	Ga 4201-DA								
	Br 4198-DA	27W	3000	220-240V	4000	>80	31W	2239	72
	Ga 4199-DA								

2,90 Kg





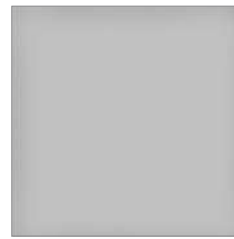


DOMINO SC

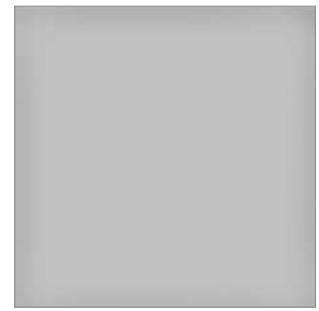
SENZA CORNICE - TRIMLESS

- Corpo in metallo verniciato.
- Gruppo di alimentazione integrato.
- Diffusore in policarbonato opalino in dotazione.

- Housing of painted metal.
- Built-in power supply unit.
- Opal polycarbonate diffuser supplied.

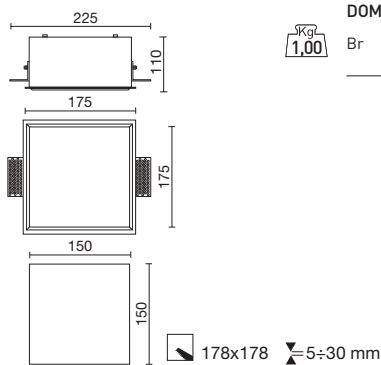


DOMINO SC XS

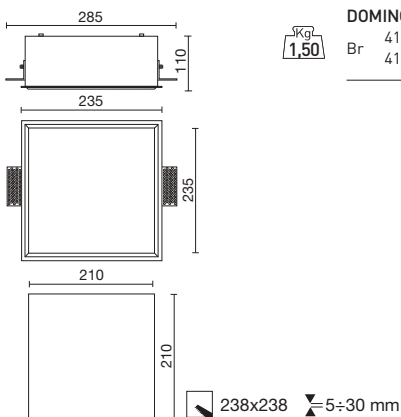


DOMINO SC XL

	LED					SISTEMA-SYSTEM		
	W	lm	V	K	CRI	W	lm	lm/W
DOMINO SC XS Br 4152-LBC 4152-LBN	13W	1700 1740	220-240V (700mA)	3000 4000	>80	15W	1359 1477	90 98

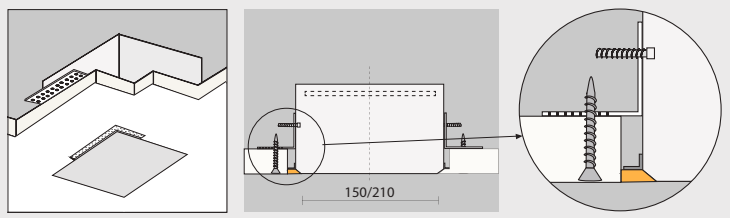


	LED					SISTEMA-SYSTEM		
	W	lm	V	K	CRI	W	lm	lm/W
DOMINO SC XL Br 4162-LBC 4162-LBN	19,4W	2320 2440	220-240V (700mA)	3000 4000	>80	22,4W	1456 1549	65 69



ACC. A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit
 INV 1052 Kit 1h
 INV 1052-3 Kit 3h

RASAMENTO A FILO CARTONGESSO - PLASTERBOARD FLAT FINISHING







BINARI • TRACKS



160
BEND BASIC
XS-M-XL



165
BEND MINI
SLIM



166
BEND SLIM
XS-M-XL



171
BEND XS ECO



173
BEND
XS-M-XL



179
SHORT
XS-M



183
SIRIUS MCL/
PLUS



185
LUXOR XS



186
LUXOR XL/
PLUS



189
LENS



191
BIG BINARIO
270-360



193
VEGA XS-XL
BINARIO



194
SOLARIS MINI
MCL BINARIO



195
SOLARIS MCL
BINARIO



197
MAGNET SYSTEM



208
SITRACK 230V



212
SITRACK DALI

BEND BASIC XS

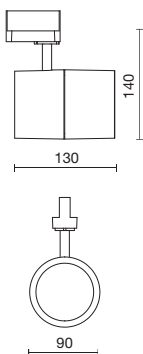


- Corpo e vano ottico in pressofusione di alluminio verniciato.
- Modulo Led con driver integrato.
- Adattatore elettrico trifase.
- Vetro di protezione extrachiario.
- Riflettore in alluminio purissimo, metallizzato in alto vuoto.
- Led durata utile: 40.000 (h) L70 B30.
- Costanza cromatica: 4 SDCM.



- Body and optic tray made of die-cast aluminium powder coated.
- Led module with integrated driver.
- Three-phase track adapter.
- Extra light protection glass.
- High purity aluminium reflector, high vacuum metallized.
- Led life: 40.000 (h) L70 B30.
- Chromatic constancy: 4 SDCM.

	Br	Ne	Ga	LED			SISTEMA-SYSTEM			[25°] [40°]		
				W	lm	V	K	CRI	W		lm	lm
BINARIO 3 FASI - 3 PHASE TRACK	67330-LBC-25	67330-LBC-40		17W	2000	220-240V	3000	>80	20W	1740	87	[25°] [40°]
	67331B-LBC-25	67331B-LBC-40										
	67332-LBC-25	67332-LBC-40										
	67330-LBN-25	67330-LBN-40		17W	2000	220-240V	4000	>80	20W	1740	87	[25°] [40°]
	67331B-LBN-25	67331B-LBN-40										
	67332-LBN-25	67332-LBN-40										

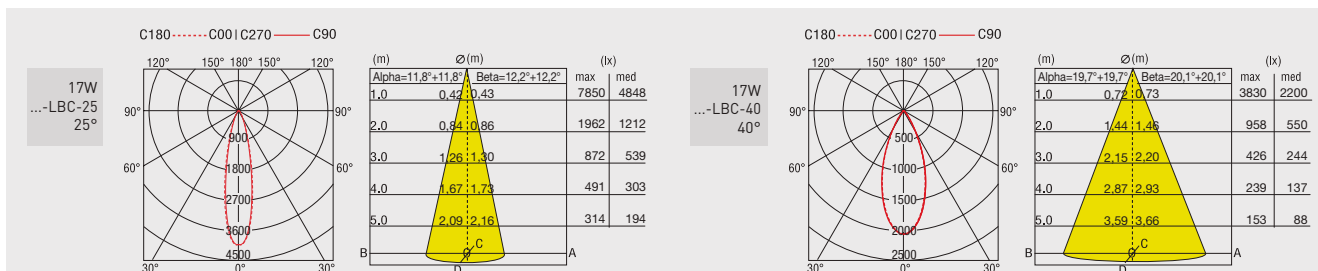


	Br	Ne	Ga	LED			SISTEMA-SYSTEM			[25°] [40°]		
				W	lm	V	K	CRI	W		lm	lm
BASSETTA TONDA - ROUND BASE	67330B-LBC-25	67330B-LBC-40		17W	2000	220-240V	3000	>80	20W	1740	87	[25°] [40°]
	67331B-LBC-25	67331B-LBC-40										
	67332B-LBC-25	67332B-LBC-40										
	67330B-LBN-25	67330B-LBN-40		17W	2000	220-240V	4000	>80	20W	1740	87	[25°] [40°]
	67331B-LBN-25	67331B-LBN-40										
	67332B-LBN-25	67332B-LBN-40										



ACC.	Br	Ne	Ga	Description	Image
	3014-BR	3014-NE	3014-GA	Alette direzionali - Directional flaps	
	3079			Griglia alveolare - Alveolar grid	
	3079-1	3079-2	3079-3	Schermo asimmetrico con vetro prismatico - Asymmetrical screen with prismatic glass	

*In fase di approvazione - Under approval

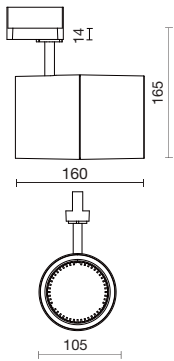




- Corpo e vano ottico in pressofusione di alluminio verniciato.
 - Modulo Led con driver integrato.
 - Adattatore elettrico trifase.
 - Vetro di protezione extrachiaro.
 - Riflettore in alluminio purissimo, metallizzato in alto vuoto.
 - Led durata utile: 50.000 (h) L70 B30.
 - Costanza cromatica: 4 SDCM.
- Body and optic tray made of die-cast aluminium powder coated.
 - Led module with integrated driver.
 - Three-phase track adapter.
 - Extra light protection glass.
 - High purity aluminium reflector, high vacuum metallized.
 - Led life: 50.000 (h) L70 B30.
 - Chromatic constancy: 4 SDCM.



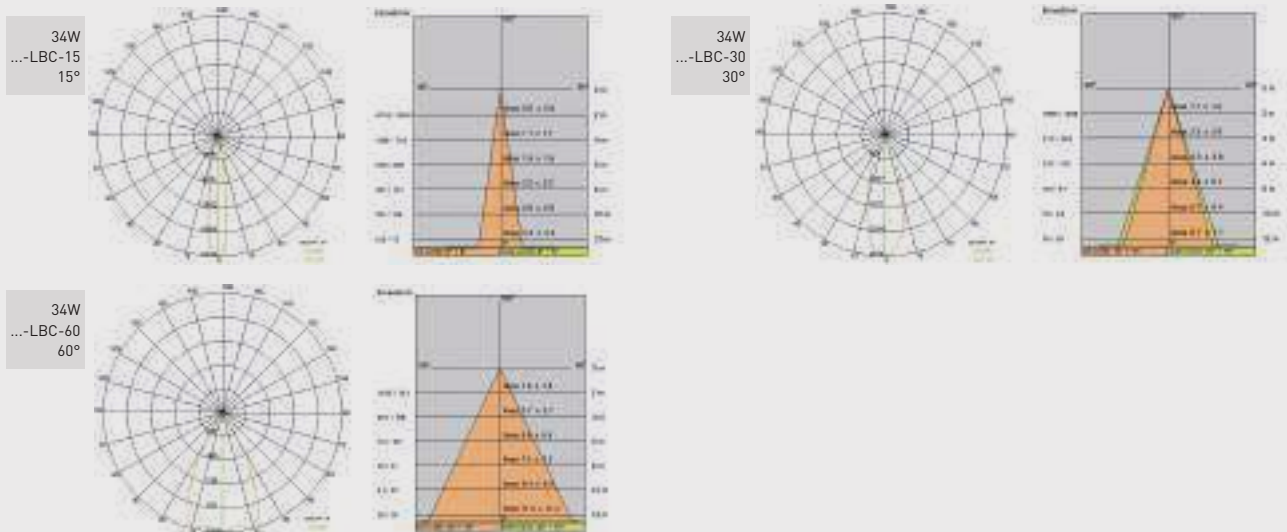
		LED			SISTEMA-SYSTEM								
		W	lm	V	K	CRI	W	lm	lm/W				
BINARIO 3 FASI - 3 PHASE TRACK	Br	67345-LBC-15	67345-LBC-30	67345-LBC-60	26W	3000	220-240V	3000	>80	30W	2610	87	(15°)
	Ne	67346-LBC-15	67346-LBC-30	67346-LBC-60									
	Ga	67347-LBC-15	67347-LBC-30	67347-LBC-60									
	Br	67345-LBN-15	67345-LBN-30	67345-LBN-60	26W	3000	220-240V	4000	>80	30W	2610	87	(15°)
	Ne	67346-LBN-15	67346-LBN-30	67346-LBN-60									
	Ga	67347-LBN-15	67347-LBN-30	67347-LBN-60									



		LED			SISTEMA-SYSTEM								
		W	lm	V	K	CRI	W	lm	lm/W				
BASSETTA TONDA - ROUND BASE	Br	67345B-LBC-15	67345B-LBC-30	67345B-LBC-60	26W	3000	220-240V	3000	>80	30W	2610	87	(15°)
	Ne	67346B-LBC-15	67346B-LBC-30	67346B-LBC-60									
	Ga	67347B-LBC-15	67347B-LBC-30	67347B-LBC-60									
	Br	67345B-LBN-15	67345B-LBN-30	67345B-LBN-60	26W	3000	220-240V	4000	>80	30W	2610	87	(15°)
	Ne	67346B-LBN-15	67346B-LBN-30	67346B-LBN-60									
	Ga	67347B-LBN-15	67347B-LBN-30	67347B-LBN-60									



*In fase di approvazione - Under approval

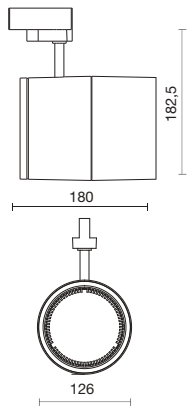






- Corpo e vano ottico in pressofusione di alluminio verniciato.
 - Modulo Led con driver integrato.
 - Adattatore elettrico trifase.
 - Vetro di protezione extrachiario.
 - Riflettore in alluminio purissimo, metallizzato in alto vuoto.
 - Led durata utile: L70 B30.
 - Costanza cromatica: 4 SDCM.
- Body and optic tray made of die-cast aluminium powder coated.
 - Led module with integrated driver.
 - Three-phase track adapter.
 - Extra light protection glass.
 - High purity aluminium reflector, high vacuum metallized.
 - Led life: 50.000 (h) L70 B30.
 - Chromatic constancy: 4 SDCM.

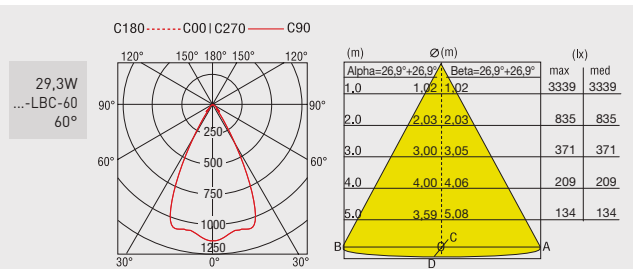
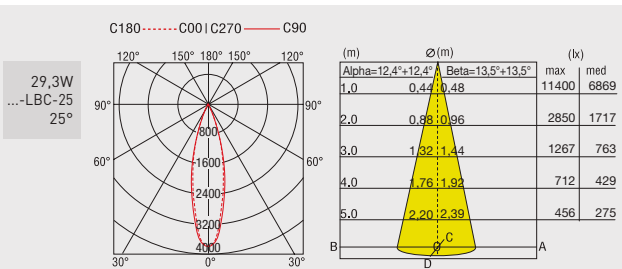
	25°	60°	LED					SISTEMA-SYSTEM			
			W	lm	V	K	CRI	W	lm	lm/W	
BINARIO 3 FASI - 3 PHASE TRACK	Br 67340-LBC-25	67340-LBC-60	26W	3000	220-240V	3000	>80	30W	2700	90	[25°] [60°]
	Ne 67341-LBC-25	67341-LBC-60									
	Ga 67342-LBC-25	67342-LBC-60									
	Br 67340-LBN-25	67340-LBN-60	26W	3000	220-240V	4000	>80	30W	2700	90	[25°] [60°]
	Ne 67341-LBN-25	67341-LBN-60									
	Ga 67342-LBN-25	67342-LBN-60									



	25°	60°	LED					SISTEMA-SYSTEM			
			W	lm	V	K	CRI	W	lm	lm/W	
BASETTA TONDA - ROUND BASE	Br 67340B-LBC-25	67340B-LBC-60	26W	3000	220-240V	3000	>80	30W	2700	90	[25°] [60°]
	Ne 67341B-LBC-25	67341B-LBC-60									
	Ga 67342B-LBC-25	67342B-LBC-60									
	Br 67340B-LBN-25	67340B-LBN-60	26W	3000	220-240V	4000	>80	30W	2700	90	[25°] [60°]
	Ne 67341B-LBN-25	67341B-LBN-60									
	Ga 67342B-LBN-25	67342B-LBN-60									



*In fase di approvazione - Under approval







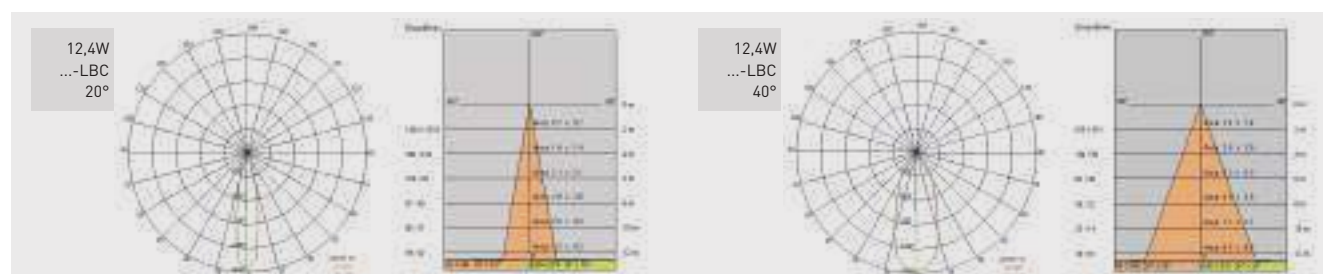
BEND MINI SLIM

- Corpo a vano ottico in pressofusione di alluminio verniciato.
 - Adattatore elettrico trifase con drivers incorporato.
 - Riflettore in policarbonato metallizzato a specchio.
 - Led durata utile: 50.000 (h) L80 B20.
 - Costanza cromatica: 3 SDCM.
- Housing optic tray made of die-cast aluminium powder coated.
 - Triphase electric adaptor with built-in driver.
 - Polycarbonate reflector mirrored metallized.
 - Led life: 50.000 (h) L80 B20.
 - Chromatic constancy: 3 SDCM.



			LED					SISTEMA-SYSTEM				
			W	lm	V	K	CRI	W	lm	lm/W		
		Br 67395-LBC-20	67395-LBC-40	12,4W	1580	220-240V (350mA)	3000	>80	14,4W	1390	97	[20°]
		Ne 67396-LBC-20	67396-LBC-40									
		Br 67395-LBN-20	67395-LBN-40	12,4W	1650	220-240V (350mA)	4000	>80	14,4W	1450	97	[20°]
		Ne 67396-LBN-20	67396-LBN-40									

*In fase di approvazione - Under approval



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color

BEND SLIM XS



- Corpo a vano ottico in pressofusione di alluminio verniciato.
- Adattatore elettrico trifase con drivers.
- Vetro di protezione.
- Raffreddamento Led passivo.
- Riflettore in alluminio purissimo, metallizzato in alto vuoto.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.
- Fattore di potenza: 0,97.
- Isolamento SELV.
- Armoniche corrente emesse: secondo EN 61000-3-2.
- Inrush current: 5A 50us
- Temperatura ambiente: -20 +50°C.



- Housing optic tray made of die-cast aluminium powder coated.
- Triphase electric adaptor with driver.
- Protection glass.
- Passive cooling Led.
- High purity aluminium reflector, high vacuum metallized.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.
- Power factor: 0,97.
- SELV safety-isolation.
- Limits for harmonic current emissions as EN 61000-3-2.
- Inrush current: 5A 50us
- Working temperature: -20 +50°C.

	Br	Ne	15	25	40	LED					SISTEMA-SYSTEM		
						W	lm	V	K	CRI	W	lm	lm/W
	67335-LBC-15	67335-LBC-25	67335-LBC-40	24W	3365	220-240V (700mA)	3000	>80	27W	2955	109	(15°)	
	67336-LBC-15	67336-LBC-25	67336-LBC-40	24W	3365	220-240V (700mA)	3000	>80	27W	2790	103	(25°)	
	67335-LBN-15	67335-LBN-25	67335-LBN-40	24W	3570	220-240V (700mA)	4000	>80	27W	3136	116	(15°)	
	67336-LBN-15	67336-LBN-25	67336-LBN-40	24W	3570	220-240V (700mA)	4000	>80	27W	2960	110	(25°)	
versione-version PLUS													
	67335P-LBC-15	67335P-LBC-25	67335P-LBC-40	31W	4170	220-240V (900mA)	3000	>80	35W	3663	105	(15°)	
	67336P-LBC-15	67336P-LBC-25	67336P-LBC-40	31W	4170	220-240V (900mA)	3000	>80	35W	3466	99	(25°)	
	67335P-LBN-15	67335P-LBN-25	67335P-LBN-40	31W	4395	220-240V (900mA)	4000	>80	35W	3860	110	(15°)	
	67336P-LBN-15	67336P-LBN-25	67336P-LBN-40	31W	4395	220-240V (900mA)	4000	>80	35W	3660	105	(25°)	
										3446	98	(40°)	
										3652	104	(40°)	

OP. A richiesta - On request: **CRI > 90**
Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

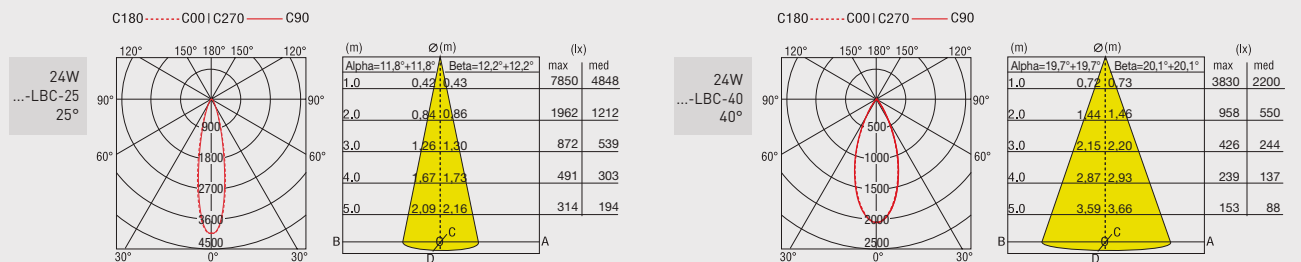
ACC. Br 3014-BR Alette direzionali - Directional flaps
Ne 3014-NE

ACCESSORI GIÀ MONTATI - ALREADY ASSEMBLED ACCESSORIES

3079 Griglia alveolare - Alveolar grid

Br 3079-1 Schermo asimmetrico con vetro prismatico
Ne 3079-2 Asymmetrical screen with prismatic glass

*In fase di approvazione - Under approval

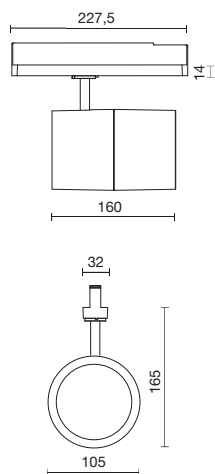




- Corpo a vano ottico in pressofusione di alluminio verniciato.
- Adattatore elettrico trifase con drivers.
- Vetro di protezione.
- Raffreddamento Led passivo.
- Riflettore in alluminio purissimo, metallizzato in alto vuoto.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.
- Fattore di potenza: 0,97.
- Isolamento SELV.
- Armoniche corrente emesse: secondo EN 61000-3-2.
- Inrush current: 5A 50us
- Temperatura ambiente: -20 +50°C.



- Housing optic tray made of die-cast aluminium powder coated.
- Triphase electric adaptor with driver.
- Protection glass.
- Passive cooling Led.
- High purity aluminium reflector, high vacuum metallized.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.
- Power factor: 0,97.
- SELV safety-isolation.
- Limits for harmonic current emissions as EN 61000-3-2.
- Inrush current: 5A 50us
- Working temperature: -20 +50°C.



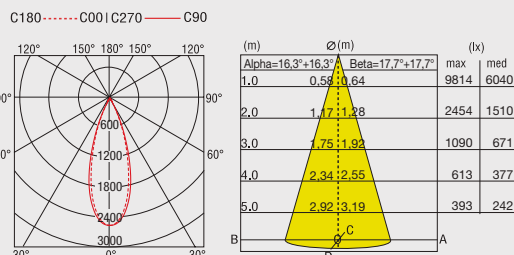
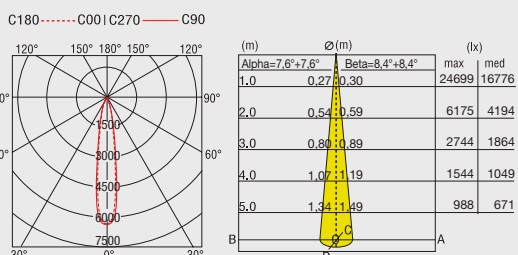
	15°	30°	60°	LED		V	K	CRI	SISTEMA-SYSTEM			
				W	lm				W	lm	lm/W	
Br 67355-LBC-15	67355-LBC-30	67355-LBC-60		37W	4740	220-240V (1050mA)	3000	>80	41W	4120	101	[15°]
Ne 67356-LBC-15	67356-LBC-30	67356-LBC-60							41W	4170	102	[30°]
Gr 67357-LBC-15	67357-LBC-30	67357-LBC-60							41W	4120	101	[60°]
Br 67355-LBN-15	67355-LBN-30	67355-LBN-60		37W	4970	220-240V (1050mA)	4000	>80	41W	4320	106	[15°]
Ne 67356-LBN-15	67356-LBN-30	67356-LBN-60							41W	4370	107	[30°]
Gr 67357-LBN-15	67357-LBN-30	67357-LBN-60							41W	4320	106	[60°]

OP. A richiesta - On request: **CRI > 90**
Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

ACC. Br 3031-BR
Ne 3031-NE Alette direzionali - Directional flaps
Ga 3031-GA



*In fase di approvazione - Under approval





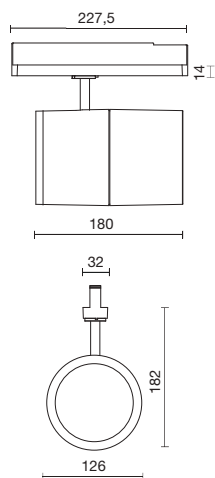


- Corpo a vano ottico in pressofusione di alluminio verniciato.
- Adattatore elettrico trifase con drivers.
- Vetro di protezione.
- Raffreddamento Led passivo.
- Riflettore in alluminio purissimo, metallizzato in alto vuoto.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.
- Fattore di potenza: 0,97.
- Isolamento SELV.
- Armoniche corrente emesse: secondo EN 61000-3-2.
- Inrush current: 5A 50us
- Temperatura ambiente: -20 +50°C.



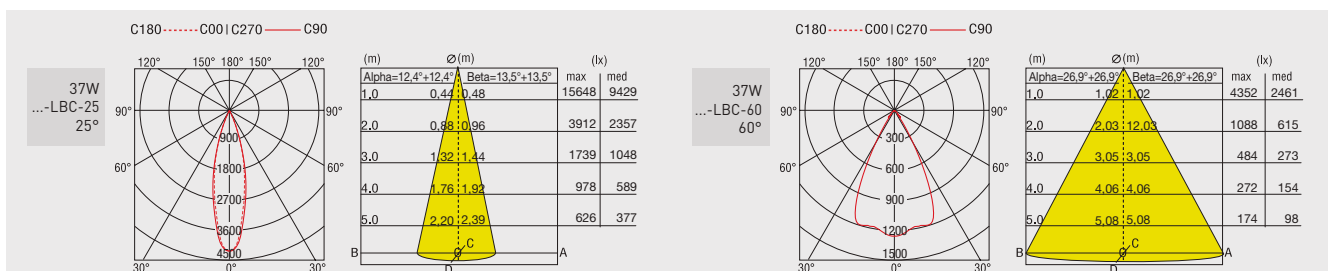
- Housing optic tray made of die-cast aluminium powder coated.
- Triphase electric adaptor with driver.
- Protection glass.
- Passive cooling Led.
- High purity aluminium reflector, high vacuum metallized.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.
- Power factor: 0,97.
- SELV safety-isolation.
- Limits for harmonic current emissions as EN 61000-3-2.
- Inrush current: 5A 50us
- Working temperature: -20 +50°C.

		LED					SISTEMA-SYSTEM				
		W	lm	V	K	CRI	W	lm	lm/W		
	Br 67305K-LBC-25	67305K-LBC-60	37W	4740	220-240V (1050mA)	3000	>80	41W	4062	99	(25°)
	Ne 67306K-LBC-25	67306K-LBC-60						3980	97		(60°)
	Br 67305K-LBN-25	67305K-LBN-60	37W	4970	220-240V (1050mA)	4000	>80	41W	4359	106	(25°)
	Ne 67306K-LBN-25	67306K-LBN-60						4175	102		(60°)



OP. A richiesta - On request: Versione con basetta tonda ø 100mm per plafone - Version with round base ø 100mm only ceiling
CRI >90
 Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

*In fase di approvazione - Under approval



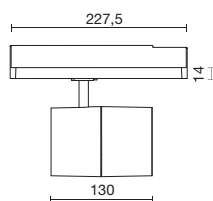




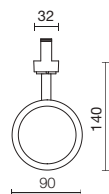
- Box e coperchio in acciaio verniciato.
 - Corpo a vano ottico in pressofusione di alluminio verniciato.
 - Alimentatore elettronico.
 - Adattatore elettrico trifase.
 - Vetro di protezione.
 - Raffreddamento Led passivo.
 - Riflettore in alluminio purissimo, metallizzato in alto vuoto.
 - Led durata utile: 50.000 (h) L80 B20.
 - Costanza cromatica: 3 SDCM.
- Painted steel box and cap.
 - Housing optic tray made of die-cast aluminium powder coated.
 - Electronic driver.
 - Triphase electric adaptor.
 - Protection glass.
 - Passive cooling Led.
 - High purity aluminium reflector, high vacuum metallized.
 - Led life: 50.000 (h) L80 B20.
 - Chromatic constancy: 3 SDCM.



	25°	40°	LED					SISTEMA-SYSTEM			
			W	lm	V	K	CRI	W	lm	lm/W	
Br 67300EC-LBC25	67300EC-LBC40		24,8W	3590	220-240V (700mA)	3000	>80	27,8W	3123	112	(25°)
Ne 67301EC-LBC25	67301EC-LBC40										
Ga 67302EC-LBC25	67302EC-LBC40										
Br 67300EC-LBN25	67300EC-LBN40		24,8W	3790	220-240V (700mA)	4000	>80	27,8W	3297	118	(25°)
Ne 67301EC-LBN25	67301EC-LBN40										
Ga 67302EC-LBN25	67302EC-LBN40										



1,35 kg



Flusso luminoso - luminous flux @ 25° C

OP. A richiesta - On request: Versione con basetta tonda ø 100mm per plafone - Version with round base ø 100mm only ceiling

CRI >90

Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**



Versione - verion **BEND ECO SLIM**



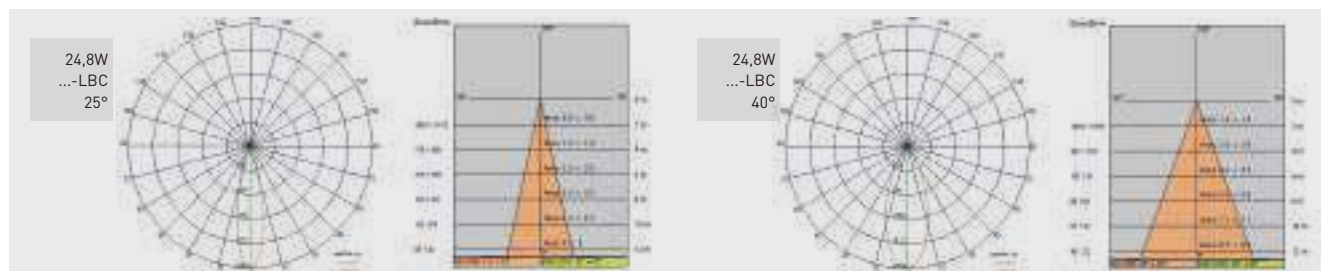
ACC.	Br	Ne	Ga	
	3014-BR	3014-NE	3014-GA	Alette direzionali - Directional flaps



ACCESSORI GIÀ MONTATI - ALREADY ASSEMBLED ACCESSORIES

Br	3079	Griglia alveolare - Alveolar grid	
Br	3079-1	Schermo asimmetrico con vetro prismatico Asymmetrical screen with prismatic glass	
Ne	3079-2		
Ga	3079-3		

*In fase di approvazione - Under approval



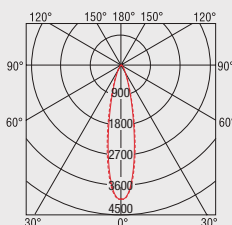


*In fase di approvazione - Under approval



C180 C00 | C270 — C90

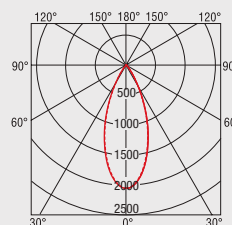
31W
...-LBC-25
25°



(m)	∅ (m)	(lx)
Alpha=11,8°+11,8° Beta=12,2°+12,2°		
1.0	0.42; 0.43	max 7850 med 4848
2.0	0.84; 0.86	1962 1212
3.0	1.26; 1.30	872 539
4.0	1.67; 1.73	491 303
5.0	2.09; 2.16	314 194

C180 C00 | C270 — C90

31W
...-LBC-40
40°



(m)	∅ (m)	(lx)
Alpha=19,7°+19,7° Beta=20,1°+20,1°		
1.0	0.72; 0.73	max 3830 med 2200
2.0	1.44; 1.46	958 550
3.0	2.15; 2.20	426 244
4.0	2.87; 2.93	239 137
5.0	3.59; 3.66	153 88

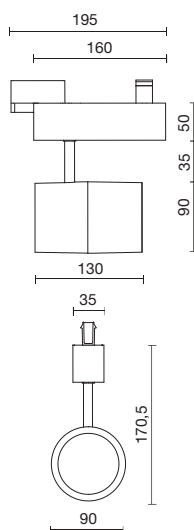


- Box e coperchio in acciaio verniciato.
- Corpo a vano ottico in pressofusione di alluminio verniciato.
- Alimentatore elettronico.
- Adattatore elettrico trifase.
- Vetro di protezione.
- Raffreddamento Led passivo.
- Riflettore in alluminio purissimo, metallizzato in alto vuoto.
- Led durata utile: 50.000 (h) L90 B50.
- Costanza cromatica: 3 SDCM.

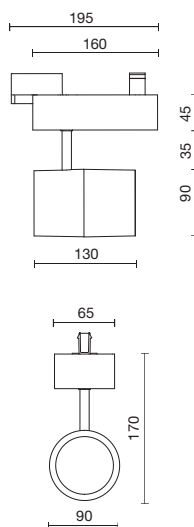
- Painted steel box and cap.
- Housing optic tray made of die-cast aluminium powder coated.
- Electronic driver.
- Triphase electric adaptor.
- Protection glass.
- Passive cooling Led.
- High purity aluminium reflector, high vacuum metallized.
- Led life: 50.000 (h) L90 B50.
- Chromatic constancy: 3 SDCM.



	15	25	40	LED					SISTEMA-SYSTEM			
				W	lm	V	K	CRI	W	lm	lm/W	
Br	67300-LBC-15	67300-LBC-25	67300-LBC-40	31W	4170	220-240V (900mA)	3000	>80	35W	3663	105	[15°]
Ne	67301-LBC-15	67301-LBC-25	67301-LBC-40									
Gr	67302-LBC-15	67302-LBC-25	67302-LBC-40									
Br	67300-LBN-15	67300-LBN-25	67300-LBN-40	31W	4395	220-240V (900mA)	4000	>80	35W	3860	99	[15°]
Ne	67301-LBN-15	67301-LBN-25	67301-LBN-40									
Gr	67302-LBN-15	67302-LBN-25	67302-LBN-40									



JKg
1,35



JKg
1,35

	25	40	LED					SISTEMA-SYSTEM			
			W	lm	V	K	CRI	W	lm	lm/W	
Br	67300-LBC-25-DA	67300-LBC-40-DA	31W	4170	220-240V (900mA)	3000	>80	35W	3460	99	[25°]
Ne	67301-LBC-25-DA	67301-LBC-40-DA									
Gr	67302-LBC-25-DA	67302-LBC-40-DA									
Br	67300-LBN-25-DA	67300-LBN-40-DA	31W	4395	220-240V (900mA)	4000	>80	35W	3645	104	[25°]
Ne	67301-LBN-25-DA	67301-LBN-40-DA									
Gr	67302-LBN-25-DA	67302-LBN-40-DA									



OP. A richiesta - On request: Versione con basetta tonda ø 100mm per plafone - Version with round base ø 100mm only ceiling
CRI >90
 Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

ACC.	Br	Ne	Ga	
	3014-BR			Alette direzionali - Directional flaps
	3014-NE			
	3014-GA			



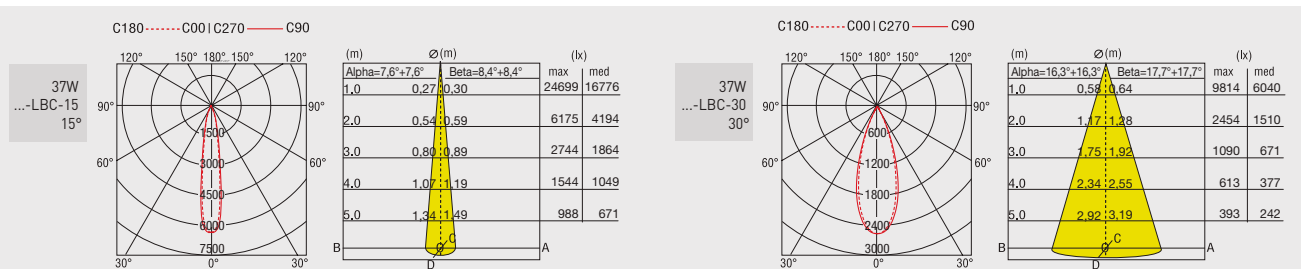
ACCESSORI GIÀ MONTATI - ALREADY ASSEMBLED ACCESSORIES
 3079 Griglia alveolare - Alveolar grid

Br 3079-1
 Ne 3079-2
 Ga 3079-3
 Schermo asimmetrico con vetro prismatico
 Asymmetrical screen with prismatic glass





*In fase di approvazione - Under approval



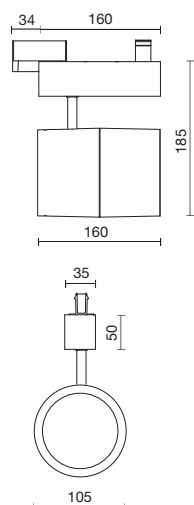


- Box e coperchio in acciaio verniciato.
- Corpo a vano ottico in pressofusione di alluminio verniciato.
- Alimentatore elettronico.
- Adattatore elettrico trifase.
- Vetro di protezione.
- Raffreddamento Led passivo.
- Riflettore in alluminio purissimo, metallizzato in alto vuoto.
- Led durata utile: 50.000 (h) L90 B50.
- Costanza cromatica: 3 SDCM.

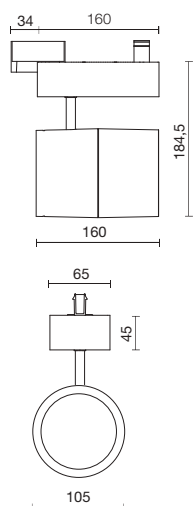
- Painted steel box and cap.
- Housing optic tray made of die-cast aluminium powder coated.
- Electronic driver.
- Triphase electric adaptor.
- Protection glass.
- Passive cooling Led.
- High purity aluminium reflector, high vacuum metallized.
- Led life: 50.000 (h) L90 B50.
- Chromatic constancy: 3 SDCM.



	15	30	60	LED			SISTEMA-SYSTEM				
				W	lm	V	K	CRI	W	lm	lm/W
Br 67350-LBC-15	67350-LBC-30	67350-LBC-60									
Ne 67351-LBC-15	67351-LBC-30	67351-LBC-60	37W	4740	220-240V (1050mA)	3000	>80	41W	4170	101	(15°) (30°) (60°)
Gr 67352-LBC-15	67352-LBC-30	67352-LBC-60						4120	4120	100	
Br 67350-LBN-15	67350-LBN-30	67350-LBN-60									
Ne 67351-LBN-15	67351-LBN-30	67351-LBN-60	37W	4970	220-240V (1050mA)	4000	>80	41W	4320	105	(15°) (30°) (60°)
Gr 67352-LBN-15	67352-LBN-30	67352-LBN-60						41W	4370	106	
								4320	4320	105	
Br 67350-LBC15US	67350-LBC30US	67350-LBC60US									
Ne 67351-LBC15US	67351-LBC30US	67351-LBC60US	31W	4170	110V (900mA)	3000	>80	35W	3630	104	(15°) (30°) (60°)
Gr 67352-LBC15US	67352-LBC30US	67352-LBC60US						35W	3670	105	
								3630	3630	104	



	DALI										
	W	lm	V	K	CRI	W	lm	lm/W			
Br 67350LBC15-DA	67350LBC30-DA	67350LBC60-DA									
Ne 67351LBC15-DA	67351LBC30-DA	67351LBC60-DA	37W	4740	220-240V (1050mA)	3000	>80	41W	4170	101	(15°) (30°) (60°)
Gr 67352LBC15-DA	67352LBC30-DA	67352LBC60-DA						4120	4120	100	
Br 67350LBN15-DA	67350LBN30-DA	67350LBN60-DA									
Ne 67351LBN15-DA	67351LBN30-DA	67351LBN60-DA	37W	4970	220-240V (1050mA)	4000	>80	41W	4320	105	(15°) (30°) (60°)
Gr 67352LBN15-DA	67352LBN30-DA	67352LBN60-DA						41W	4370	106	
								4320	4320	105	



OP. A richiesta - On request: **CRI > 90**
 Versione con basetta tonda ø 100mm per plafone - Version with round base ø 100mm only ceiling
 Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

ACC.	Br	Ne	Ga	
	3031-BR	3031-NE	3031-GA	Alette direzionali - Directional flaps



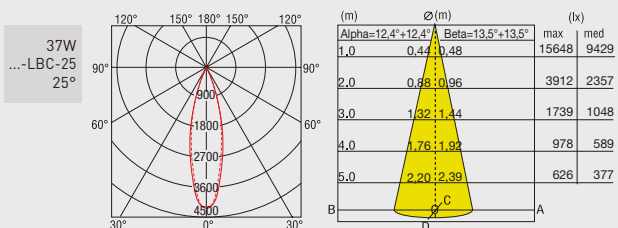


*In fase di approvazione - Under approval

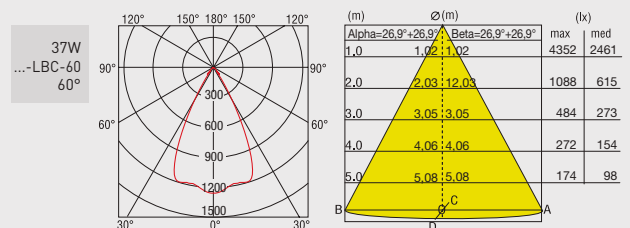
IP 20



C180.....C00 | C270 — C90



C180.....C00 | C270 — C90





BEND XL

- Box e coperchio in acciaio verniciato.
 - Corpo e vano ottico in pressofusione di alluminio verniciato.
 - Alimentatore elettronico.
 - Adattatore elettrico trifase.
 - Vetro di protezione.
 - Raffreddamento Led passivo.
 - Riflettore in alluminio purissimo, metallizzato in alto vuoto.
 - Led durata utile: 50.000 (h) L90 B50.
 - Costanza cromatica: 3 SDCM.
- Painted steel box and cap.
 - Housing optic tray made of die-cast aluminium powder coated.
 - Electronic driver.
 - Triphase electric adaptor.
 - Protection glass.
 - Passive cooling Led.
 - High purity aluminium reflector, high vacuum metallized.
 - Led life: 50.000 (h) L90 B50.
 - Chromatic constancy: 3 SDCM.



			LED					SISTEMA-SYSTEM				
			W	lm	V	K	CRI	W	lm	lm/W		
		Br 67305-LBC-25	67305-LBC-60	37W	4740	220-240V (1050mA)	3000	>80	41W	4062	99	[25°]
		Ne 67306-LBC-25	67306-LBC-60									
		Gr 67307-LBC-25	67307-LBC-60									
		Br 67305-LBN-25	67305-LBN-60	37W	4970	220-240V (1050mA)	4000	>80	41W	4359	106	[25°]
		Ne 67306-LBN-25	67306-LBN-60									
		Gr 67307-LBN-25	67307-LBN-60									

OP. A richiesta - On request: Versione con basetta tonda ø 100mm per plafone - Version with round base ø 100mm only ceiling
CRI >90
 Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

			LED					SISTEMA-SYSTEM				
			W	lm	V	K	CRI	W	lm	lm/W		
		Br 67305LBC25-DA	67305LBC60-DA	37W	4740	220-240V (1050mA)	3000	>80	41W	4062	99	[25°]
		Ne 67306LBC25-DA	67306LBC60-DA									
		Gr 67307LBC25-DA	67307LBC60-DA									
		Br 67305LBN25-DA	67305LBN60-DA	37W	4970	220-240V (1050mA)	4000	>80	41W	4359	106	[25°]
		Ne 67306LBN25-DA	67306LBN60-DA									
		Gr 67307LBN25-DA	67307LBN60-DA									

OP. A richiesta - On request: **CRI >90**
 Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**



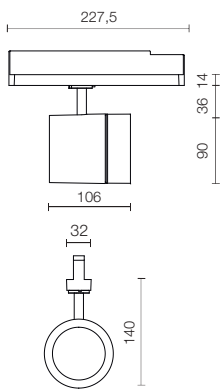


- Corpo in pressofusione di alluminio verniciato.
- Adattatore elettrico trifase con driver 850 mA.
- Lente in PMMA.
- Raffreddamento Led passivo.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.



- Body made of die-cast aluminium powder coated.
- Triphase electric adaptor with driver.
- Lenses in PMMA.
- Passive cooling Led.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.

				LED					SISTEMA-SYSTEM				
				W	lm	V	K	CRI	W	lm	lm/W		
	Br	67325-LBC12AG	67325-LBC25AG	67325-LBC40AG	29,5W	3970	220-240V (1050mA)	3000	>80	33,5W	3058	91	(12°)
	Ne	67326-LBC12AG	67326-LBC25AG	67326-LBC40AG						2840	85	(24°)	
	Br	67325-LBN12AG	67325-LBN25AG	67325-LBN40AG	29,5W	4195	220-240V (1050mA)	4000	>80	33,5W	3230	96	(12°)
	Ne	67326-LBN12AG	67326-LBN25AG	67326-LBN40AG						3020	90	(24°)	
	Br	67325-LBN12AG	67325-LBN25AG	67325-LBN40AG	29,5W	4195	220-240V (1050mA)	4000	>80	33,5W	2900	87	(40°)
	Ne	67326-LBN12AG	67326-LBN25AG	67326-LBN40AG									



JKG 1,00

OP. *A richiesta - On request: apertura fascio - light beam

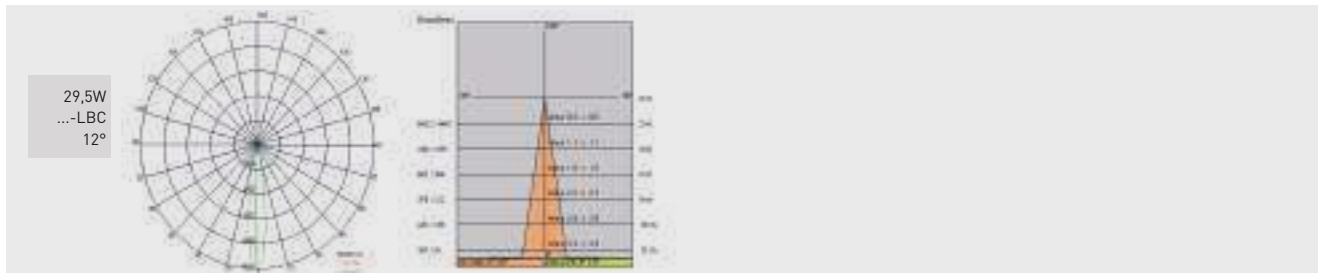
A richiesta - On request: disponibile - available

ACC. Br 3014-BR Alette direzionali - Directional flaps
 Ne 3014-NE

Br 3079-5 Anello antiabbagliamento - Antiglare ring
 Ne 3080-5



*In fase di approvazione - Under approval





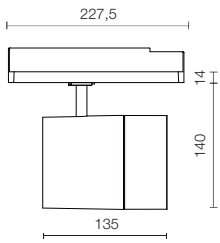


- Corpo in pressofusione di alluminio verniciato.
- Box e coperchio in acciaio verniciato
- Alimentatore elettronico.
- Adattatore elettrico trifase
- Lente in PMMA.
- Raffreddamento Led passivo.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.

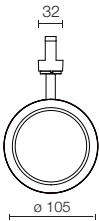
- Body made of die-cast aluminium powder coated.
- Painted steel box and cap.
- Electronic driver.
- Triphase electric adaptor.
- Lenses in PMMA.
- Passive cooling Led.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.



	12	24	40	LED					SISTEMA-SYSTEM			
				W	lm	V	K	CRI	W	lm	lm/W	
Br 67397-LBC12AG				37W	4740	220-240V (1050mA)	3000	>80	41W	3650	89	(12°)
Ne 67398-LBC12AG										3416	83	(24°)
Br 67397-LBN12AG				37W	4970	220-240V (1050mA)	4000	>80	41W	3828	93	(12°)
Ne 67398-LBN12AG										3581	87	(24°)
Br 67397-LBC25AG				37W	4740	220-240V (1050mA)	3000	>80	41W	3650	89	(12°)
Ne 67398-LBC25AG										3416	83	(24°)
Br 67397-LBN25AG				37W	4970	220-240V (1050mA)	4000	>80	41W	3828	93	(12°)
Ne 67398-LBN25AG										3581	87	(24°)
Br 67397-LBC40AG				37W	4740	220-240V (1050mA)	3000	>80	41W	3650	89	(12°)
Ne 67398-LBC40AG										3416	83	(24°)
Br 67397-LBN40AG				37W	4970	220-240V (1050mA)	4000	>80	41W	3828	93	(12°)
Ne 67398-LBN40AG										3581	87	(24°)

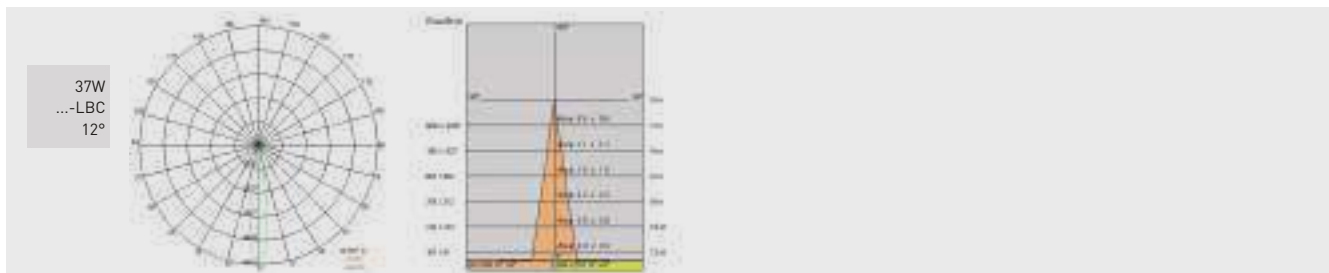


1,70 kg



OP.	*A richiesta - On request: apertura fascio - light beam
	A richiesta - On request: disponibile - available
ACC.	Br 3031-BR Alette direzionali - Directional flaps
	Ne 3031-NE
	Br 3079-6 Anello antiabbagliamento - Antiglear ring
	Ne 3080-6

IP 20





adidas®

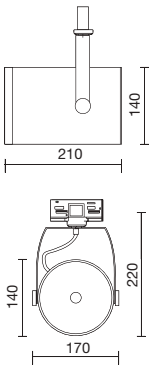


- Corpo in estruso di alluminio.
- Staffa in acciaio verniciato.
- Riflettori in alluminio.
- Vetro di protezione trasparente.
- Verniciatura in polveri epossidiche.
- Led durata utile: 50.000 (h) L90 B50.

- Body made of extruded aluminium.
- Coated steel support.
- Aluminium reflector.
- Transparent protection glass.
- Epoxy powder coated.
- Led life: 50.000 (h) L90 B50.

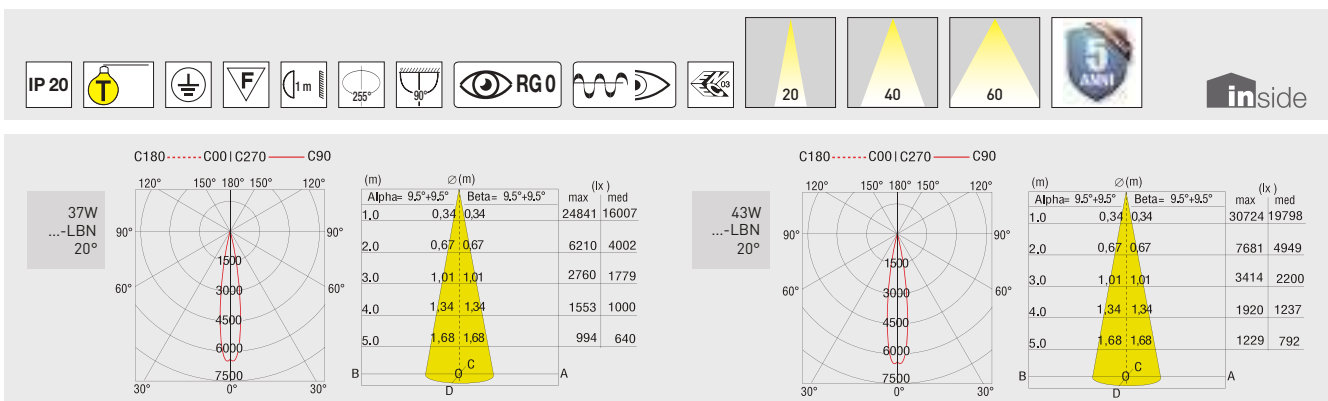


	LED			SISTEMA-SYSTEM							
	W	lm	V	K	CRI	W	lm	lm/W			
Br 67191-LBC	67191-LBC-40	67191-LBC-60	37W	4740	220-240V (1050mA)	3000	>80	41W	4313	105	(20°)
Ne 67192-LBC	67192-LBC-40	67192-LBC-60							4082	100	(40°)
Ga 67193-LBC	67193-LBC-40	67193-LBC-60							4598	112	(60°)
Br 67191-LBN	67191-LBN-40	67191-LBN-60	37W	4970	220-240V (1050mA)	4000	>80	41W	4524	110	(20°)
Ne 67192-LBN	67192-LBN-40	67192-LBN-60							4257	104	(40°)
Ga 67193-LBN	67193-LBN-40	67193-LBN-60							4821	117	(60°)
versione-version PLUS											
Br 67194-LBC	67194-LBC-40	67194-LBC-60	43W	5280	220-240V (1200mA)	3000	>80	47W	4612	98	(20°)
Ne 67195-LBC	67195-LBC-40	67195-LBC-60							4531	96	(40°)
Ga 67196-LBC	67196-LBC-40	67196-LBC-60							5122	109	(60°)
Br 67194-LBN	67194-LBN-40	67194-LBN-60	43W	5520	220-240V (1200mA)	4000	>80	47W	4764	101	(20°)
Ne 67195-LBN	67195-LBN-40	67195-LBN-60							4712	100	(40°)
Ga 67196-LBN	67196-LBN-40	67196-LBN-60							5354	114	(60°)
DALI											
Br 67191LBC-DA	67191LBC40-DA	67191LBC60-DA	37W	4740	220-240V (1050mA)	3000	>80	41W	4415	105	(20°)
Ne 67192LBC-DA	67192LBC40-DA	67192LBC60-DA							4535	110	(40°)
Ga 67193LBC-DA	67193LBC40-DA	67193LBC60-DA							4598	112	(60°)
Br 67191LBN-DA	67191LBN40-DA	67191LBN60-DA	37W	4970	220-240V (1050mA)	4000	>80	41W	4524	110	(20°)
Ne 67192LBN-DA	67192LBN40-DA	67192LBN60-DA							4755	116	(40°)
Ga 67193LBN-DA	67193LBN40-DA	67193LBN60-DA							4821	117	(60°)
versione-version PLUS											
Br 67194LBC-DA	67194LBC40-DA	67194LBC60-DA	43W	5280	220-240V (1200mA)	3000	>80	47W	5280	112	(20°)
Ne 67195LBC-DA	67195LBC40-DA	67195LBC60-DA							5552	107	(40°)
Ga 67196LBC-DA	67196LBC40-DA	67196LBC60-DA							5122	109	(60°)
Br 67194LBN-DA	67194LBN40-DA	67194LBN60-DA	43W	5520	220-240V (1200mA)	4000	>80	47W	5520	117	(20°)
Ne 67195LBN-DA	67195LBN40-DA	67195LBN60-DA							5281	112	(40°)
Ga 67196LBN-DA	67196LBN40-DA	67196LBN60-DA							5354	114	(60°)



JKGL 2,80

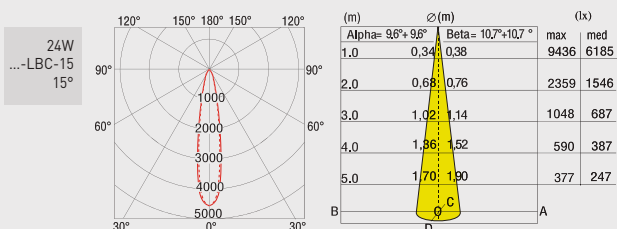
OP. A richiesta - On request: Led con temperatura di COLORE 2700K - Temperature Led COLOUR 2700K
Versione con basetta tonda ø 100mm per plafone - Version with round base ø 100mm only ceiling



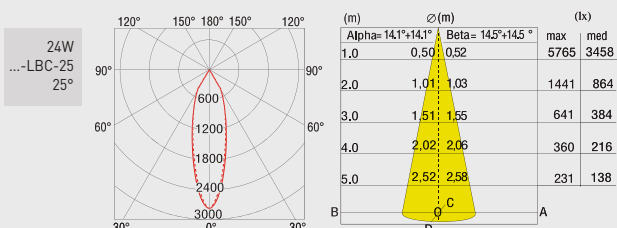


*In fase di approvazione - Under approval

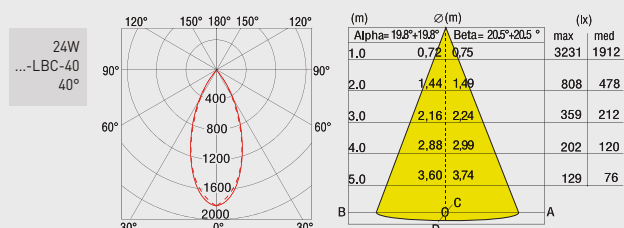
IP 20



C180-----C00 | C270 — C90



C180-----C00 | C270 — C90





- Vano ottico e contenitore driver in pressofusione di alluminio verniciato in polveri.
- Adattatore elettrico trifase.
- Parabola sfaccettata in alluminio purissimo.
- Raffreddamento Led passivo con dissipatore.
- Vetro di protezione.
- Led durata utile: 50.000 (h) L90 B50.

- Optic tray and driver made of die-cast aluminium powder coated.
- Triphase electric adaptor.
- Reflector in pure aluminium.
- Passive heatsink.
- Protection glass.
- Led life: 50.000 (h) L90 B50.



	15	25	40	LED					SISTEMA-SYSTEM				
				W	lm	V	K	CRI	W	lm	lm/°		
											ORIZZONTALE PER BINARIO - HORIZONTAL FOR TRACK		
Br	67770-LBC-15	67770-LBC-25	67770-LBC-40	31W	4170	220-240V (900mA)	3000	>80	35W	3761	107 (15°)		
Ne	67771-LBC-15	67771-LBC-25	67771-LBC-40						3822	109 (25°)			
Ga	67772-LBC-15	67772-LBC-25	67772-LBC-40						3761	107 (40°)			
Br	67770-LBI-15	67770-LBI-25	67770-LBI-40	31W	4395	220-240V (900mA)	4000	>80	35W	3964	113 (15°)		
Ne	67771-LBI-15	67771-LBI-25	67771-LBI-40						4029	115 (25°)			
Ga	67772-LBI-15	67772-LBI-25	67772-LBI-40						3964	117 (40°)			
Br	67770LBC15-DA	67770LBC25-DA	67770LBC40-DA	31W	4170	220-240V (900mA)	3000	>80	35W	3761	107 (15°)		
Ne	67771LBC15-DA	67771LBC25-DA	67771LBC40-DA						3822	109 (25°)			
Ga	67772LBC15-DA	67772LBC25-DA	67772LBC40-DA						3761	107 (40°)			
Br	67770LBI15-DA	67770LBI25-DA	67770LBI40-DA	31W	4395	220-240V (900mA)	4000	>80	35W	3964	113 (15°)		
Ne	67771LBI15-DA	67771LBI25-DA	67771LBI40-DA						4029	115 (25°)			
Ga	67772LBI15-DA	67772LBI25-DA	67772LBI40-DA						3964	113 (40°)			
VERTICALE PER BINARIO - VERTICAL FOR TRACK													
Br	67773-LBC-15	67773-LBC-25	67773-LBC-40	31W	4170	220-240V (900mA)	3000	>80	35W	3761	107 (15°)		
Ne	67774-LBC-15	67774-LBC-25	67774-LBC-40						3822	109 (25°)			
Ga	67775-LBC-15	67775-LBC-25	67775-LBC-40						3761	107 (40°)			
Br	67773-LBI-15	67773-LBI-25	67773-LBI-40	31W	4395	220-240V (900mA)	4000	>80	35W	3964	113 (15°)		
Ne	67774-LBI-15	67774-LBI-25	67774-LBI-40						4029	115 (25°)			
Ga	67775-LBI-15	67775-LBI-25	67775-LBI-40						3761	113 (40°)			
Br	67773LBC15-DA	67773LBC25-DA	67773LBC40-DA	31W	4170	220-240V (900mA)	3000	>80	35W	3761	107 (15°)		
Ne	67774LBC15-DA	67774LBC25-DA	67774LBC40-DA						3822	109 (25°)			
Ga	67775LBC15-DA	67775LBC25-DA	67775LBC40-DA						3761	107 (40°)			
Br	67773LBI15-DA	67773LBI25-DA	67773LBI40-DA	31W	4395	220-240V (900mA)	4000	>80	35W	3964	113 (15°)		
Ne	67774LBI15-DA	67774LBI25-DA	67774LBI40-DA						4029	115 (25°)			
Ga	67775LBI15-DA	67775LBI25-DA	67775LBI40-DA						3964	113 (40°)			

OP. A richiesta - On request: **CRI >90**

Versione con basetta tonda ø 100mm per plafone - Version with round base ø 100mm only ceiling

Vetro sabbato - Frosted glass

Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

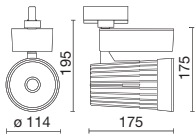


- Vano ottico e contenitore driver in pressofusione di alluminio verniciato in polveri.
- Adattatore elettrico trifase.
- Parabola sfaccettata in alluminio purissimo.
- Raffreddamento Led passivo con dissipatore.
- Vetro di protezione.
- Led durata utile: 50.000 (h) L90 B50.

- Optic tray and driver made of die-cast aluminium powder coated.
- Triphase electric adaptor.
- Reflector in pure aluminium.
- Passive heatsink.
- Protection glass.
- Led life: 50.000 (h) L90 B50.



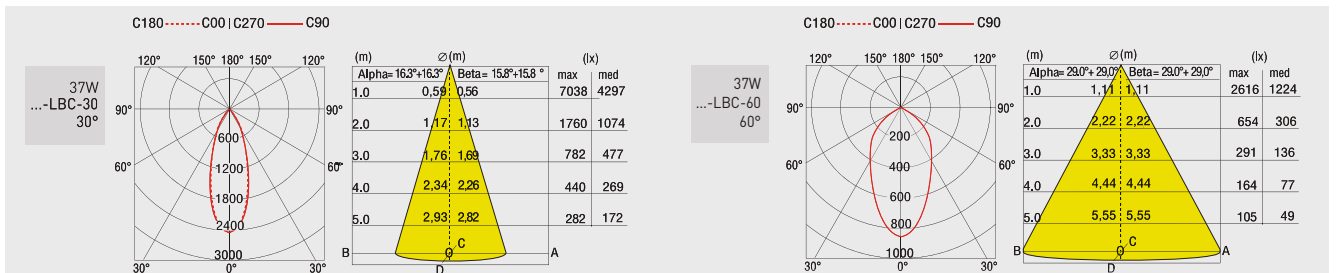
	LED		SISTEMA-SYSTEM							
	W	lm	V	K	CRI	W	lm	lm/W		
ORIZZONTALE PER BINARIO - HORIZONTAL FOR TRACK										
Br 67776-LBC-30	67776-LBC-60	37W	4740	220-240V (1050mA)	3000	>80	41W	4304	105	(30°)
Ne 67777-LBC-30	67777-LBC-60									(60°)
Ga 67778-LBC-30	67778-LBC-60									
Br 67776-LBI-30	67776-LBI-60	37W	4970	220-240V (1050mA)	4000	>80	41W	4513	110	(30°)
Ne 67777-LBI-30	67777-LBI-60									(60°)
Ga 67778-LBI-30	67778-LBI-60									
versione-version PLUS										
Br 67805-LBC-30	67805-LBC-60	43W	5280	220-240V (1200mA)	3000	>80	47W	4794	102	(30°)
Ne 67806-LBC-30	67806-LBC-60									(60°)
Ga 67807-LBC-30	67807-LBC-60									
Br 67805-LBI-30	67805-LBI-60	43W	5520	220-240V (1200mA)	4000	>80	47W	5012	107	(30°)
Ne 67806-LBI-30	67806-LBI-60									(60°)
Ga 67807-LBI-30	67807-LBI-60									
versione-version PLUS										
Br 67776LBC30-DA	67776LBC60-DA	37W	4740	220-240V (1050mA)	3000	>80	41W	4304	105	(30°)
Ne 67777LBC30-DA	67777LBC60-DA									(60°)
Ga 67778LBC30-DA	67778LBC60-DA									
Br 67776LBI30-DA	67776LBI60-DA	37W	4970	220-240V (1050mA)	4000	>80	41W	4513	110	(30°)
Ne 67777LBI30-DA	67777LBI60-DA									(60°)
Ga 67778LBI30-DA	67778LBI60-DA									
versione-version PLUS										
Br 67805LBC30-DA	67805LBC60-DA	43W	5280	220-240V (1200mA)	3000	>80	47W	4794	102	(30°)
Ne 67806LBC30-DA	67806LBC60-DA									(60°)
Ga 67807LBC30-DA	67807LBC60-DA									
Br 67805LBI30-DA	67805LBI60-DA	43W	5520	220-240V (1200mA)	4000	>80	47W	5012	107	(30°)
Ne 67806LBI30-DA	67806LBI60-DA									(60°)
Ga 67807LBI30-DA	67807LBI60-DA									



2,15



IP 20, T, F, Im, 350, 180, RGO, 30, 60, 5 AMV, inside





	LED					SISTEMA-SYSTEM			
	W	lm	V	K	CRI	W	lm	lm/W	
VERTICALE PER BINARIO - VERTICAL FOR TRACK									
Br	67800-LBC-30	67800-LBC-60	220-240V (1050mA)	3000	>80	41W	4304	105	(30°)
Ne	67801-LBC-30	67801-LBC-60					4318	105	(60°)
Ga	67802-LBC-30	67802-LBC-60							
Br	67800-LBI-30	67800-LBI-60	220-240V (1050mA)	4000	>80	41W	4513	110	(30°)
Ne	67801-LBI-30	67801-LBI-60					4528	110	(60°)
Ga	67802-LBI-30	67802-LBI-60							
versione-version PLUS									
Br	67808-LBC-30	67808-LBC-60	220-240V (1200mA)	3000	>80	47W	4794	102	(30°)
Ne	67809-LBC-30	67809-LBC-60					4810	102	(60°)
Ga	67810-LBC-30	67810-LBC-60							
Br	67808-LBI-30	67808-LBI-60	220-240V (1200mA)	4000	>80	47W	5012	107	(30°)
Ne	67809-LBI-30	67809-LBI-60					5029	107	(60°)
Ga	67810-LBI-30	67810-LBI-60							
Br	67800LBC30-DA	67800LBC60-DA	220-240V (1050mA)	3000	>80	41W	4304	105	(30°)
Ne	67801LBC30-DA	67801LBC60-DA					4318	105	(60°)
Ga	67802LBC30-DA	67802LBC60-DA							
Br	67800LBI30-DA	67800LBI60-DA	220-240V (1050mA)	4000	>80	41W	4513	110	(30°)
Ne	67801LBI30-DA	67801LBI60-DA					4528	110	(60°)
Ga	67802LBI30-DA	67802LBI60-DA							
versione-version PLUS									
Br	67808LBC30-DA	67808LBC60-DA	220-240V (1200mA)	3000	>80	47W	4794	102	(30°)
Ne	67809LBC30-DA	67809LBC60-DA					5029	107	(60°)
Ga	67810LBC30-DA	67810LBC60-DA							
Br	67808LBI30-DA	67808LBI60-DA	220-240V (1200mA)	4000	>80	47W	5012	107	(30°)
Ne	67809LBI30-DA	67809LBI60-DA					5029	107	(60°)
Ga	67810LBI30-DA	67810LBI60-DA							

2,15 kg

OP. A richiesta - On request: **CRI >90**

Versione verticale con basetta tonda ø 100mm per plafone - Vertical version with round base ø 100mm only ceiling

Vetro sabbato - Frosted glass

Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**



IP 20

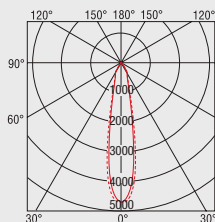


RG 0



inside

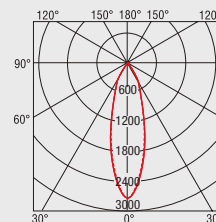
25W
...-LBC-15
15°



(m)	Ø (m)		(lx)	
	Alpha=9.6°+9.6°	Beta=10.7°+10.7°	max	med
1.0	0.34	0.38	9205	6033
2.0	0.68	0.76	2301	1508
3.0	1.02	1.14	1023	670
4.0	1.36	1.52	575	377
5.0	1.70	1.90	368	241

C180 - - - - C00 | C270 - - - - C90

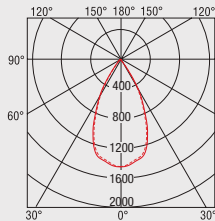
25W
...-LBC-25
25°



(m)	Ø (m)		(lx)	
	Alpha=14.1°+14.1°	Beta=14.5°+14.5°	max	med
1.0	0.50	0.52	5616	3368
2.0	1.01	1.03	1404	842
3.0	1.51	1.55	624	374
4.0	2.02	2.06	351	211
5.0	2.52	2.58	225	135

C180 - - - - C00 | C270 - - - - C90

25W
...-LBC-40
40°



(m)	Ø (m)		(lx)	
	Alpha=25.3°+25.3°	Beta=26.0°+26.0°	max	med
1.0	0.94	0.98	2862	2862
2.0	1.89	1.95	716	716
3.0	2.83	2.93	318	184
4.0	3.78	3.91	179	104
5.0	4.72	4.89	114	66

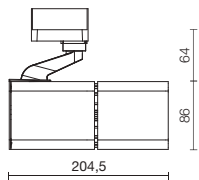


- Vano ottico e contenitore driver di alluminio verniciato in polveri.
- Adattatore elettrico trifase.
- Parabola sfaccettata in alluminio purissimo.
- Raffreddamento Led passivo.
- Vetro di protezione.
- Driver integrato.
- Led durata utile: 50.000 (h) L90 B50.

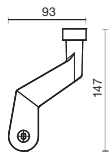
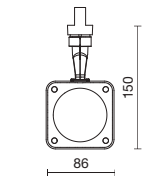
- Optic tray and driver made of aluminium powder coated.
- Triphase electric adaptor.
- Reflector in pure aluminium.
- Passive heatsink.
- Protection glass.
- Built-in driver.
- Led life: 50.000 (h) L90 B50.



	Br	Ne	Ga	LED		SISTEMA-SYSTEM						
				W	lm	V	K	CRI	W	lm	lm/W	
	67320-LBC-15	67320-LBC-25	67320-LBC-40	25W	3365	220-240V (700mA)	3000	>80	27W	3085	114	(15°)
	67321-LBN-15	67321-LBN-25	67321-LBN-40	25W	3370	220-240V (700mA)	4000	>80	27W	3273	121	(25°)



1,30



In dotazione staffa h 90 mm. - Bracket included h 90 mm.

A richiesta staffa h 147 mm. ordinare il codice-L - On request bracket h 147 mm. order code-L

OP. A richiesta - On request: **CRI >90**

Versione basetta - Version base

Versione con basetta tonda ø 100mm per plafone - Version with round base ø 100mm only ceiling

Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**



3ª PEÇA
GRÁTIS

CALÇ. & JEANS

3ª PEÇA
GRÁTIS



- Verniciatura per interni in polveri epossidiche.
- Disco fissaggio e dissipazione Led in alluminio.
- Diffusore in metacrilato bi-satinato.
- Morsetto ad innesto rapido per collegamento cavo di rete.
- Schermo diffusore in metacrilato bi-satinato.
- Struttura interna in lamiera di acciaio pre-zincata.
- Pressacavo in gomma siliconica.
- Braccio orientabile regolabile 90°.
- Adattatore universale da binario.
- Led durata utile: 50.000 (h) L70 B10.
- **UGR <19 su richiesta.**



- Indoor epoxy powder painting.
- Aluminium fixing disk and Led dissipation.
- Bi-satin methacrylate diffuser.
- Quick connect terminal for connecting the network cable.
- Bi-satin methacrylate lower diffuser.
- Indoor pre galvanized steel sheet structure.
- Cable gland in silicon rubber.
- 90° adjustable.
- Universal track adaptor.
- Led life: 50.000 (h) L70 B10.
- **UGR <19 on request.**

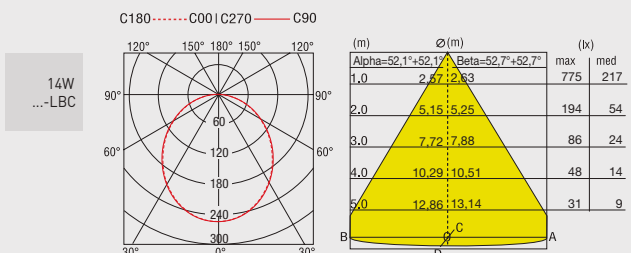
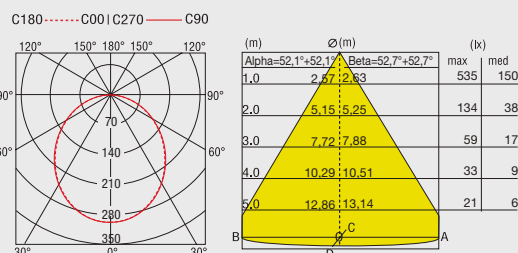
	LED	SISTEMA-SYSTEM						
		W	lm	lm/W				
<p>BIG BINARIO 270 Br 5505EU-LBC Ne 5506EU-LBC Gr 5507EU-LBC</p> <p>JKG 2,80</p>	14W	1800	220-240V (500mA)	3000	>80	16W	1442	90
<p>Br 5505EU-LBN Ne 5506EU-LBN Gr 5507EU-LBN</p>	14W	1950	220-240V (500mA)	4000	>80	16W	1563	98
<p>BIG BINARIO 360 Br 5513EU-LBC Ne 5514EU-LBC Gr 5515EU-LBC</p> <p>JKG 3,50</p>	18W	2600	220-240V (700mA)	3000	>80	21W	2089	99
<p>Br 5513EU-LBN Ne 5514EU-LBN Gr 5515EU-LBN</p>	18W	2840	220-240V (700mA)	4000	>80	21W	2282	109



OP. A richiesta - On request: disponibile versione UGR<19 - Available version UGR<19



ACC. 409600 Schermo DIAMOND PRISM per versione UGR - DIAMOND PRISM diffuser for UGR version

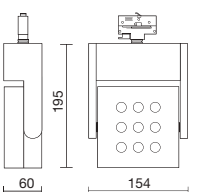




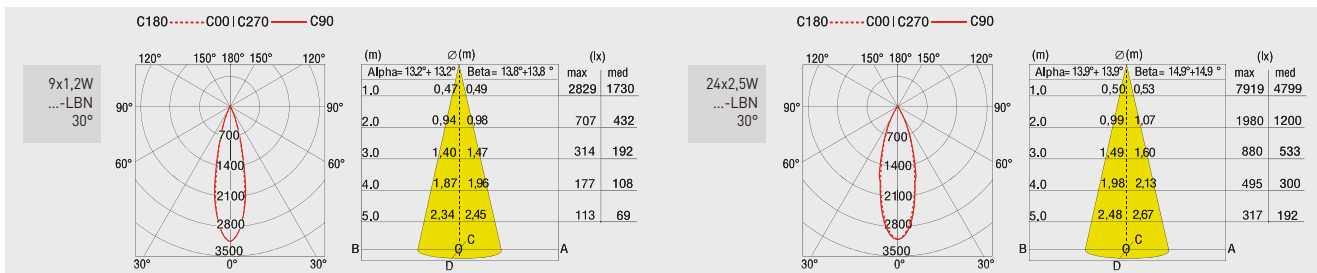
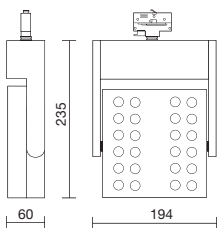


- Corpo e struttura in estruso di alluminio verniciato in polveri epossidiche.
 - Vano ottico in pressofusione di alluminio verniciato in polveri.
 - Adattatore elettrico trifase.
 - Dissipatore passivo in estruso di alluminio ossidato nero.
 - Ottica orientabile con lenti in metacrilato.
 - Led durata utile: 50.000 (h) L80 B50.
- Housing and structure made of extruded aluminium painted in epoxy powder.
 - Die-cast aluminium optic.
 - Triphase electric adaptor.
 - Passive heatsink made of extruded aluminium.
 - Adjustable optic with methacrylate lens.
 - Led life: 50.000 (h) L80 B50.

		LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W	
		VEGA XS BINARIO								
Br	67780-LBC 67780-LBC-60	9x1,2W	970	220-240V [350mA]	3000	>80	11W	968	88	[30°]
Ne	67781-LBC 67781-LBC-60									
Gr	67782-LBC 67782-LBC-60									
Br	67780-LBN 67780-LBN-60	9x1,2W	970	220-240V [350mA]	4000	>80	11W	968	88	[30°]
Ne	67781-LBN 67781-LBN-60									
Gr	67782-LBN 67782-LBN-60									



		LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W	
		VEGA XL BINARIO								
Br	67790-LBC 67790-LBC-60	24x2,5W	2600	220-240V [700mA]	3000	>80	64W	2596	41	[30°]
Ne	67791-LBC 67791-LBC-60									
Gr	67792-LBC 67792-LBC-60									
Br	67790-LBN 67790-LBN-60	24x2,5W	2600	220-240V [700mA]	4000	>80	64W	2596	41	[30°]
Ne	67791-LBN 67791-LBN-60									
Gr	67792-LBN 67792-LBN-60									






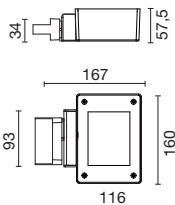

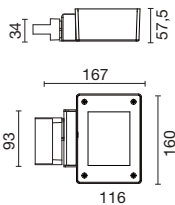
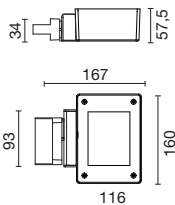
SOLARIS MINI MCL BINARIO



- Corpo in pressofusione di alluminio.
- Verniciatura in polveri epossidiche con trattamento speciale per esterni.
- Riflettore in alluminio purissimo, finitura PVD.
- Vetro di protezione chiaro serigrafato temprato.
- Guarnizioni e passacavo in gomma siliconica.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.



- Body in die-cast aluminium.
- Epoxy powder coated painting with special treatment for outdoors.
- Pure aluminium reflector, PVD finish.
- Tempered light protection glass.
- Silicon rubber gaskets and cable gland.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.

	  		LED					SISTEMA-SYSTEM			
			W	lm	V	K	CRI	W	lm	lm/W	
	Br	67963-LBC	67969-LBC	11,5W	1840	220-240V (350mA)	3000	>80	13,5W	1370	101
	Ne	67964-LBC	67970-LBC								
	Gr	67965-LBC	67971-LBC								
 /PUSH	Br	67963-LBN	67969-LBN	11,5W	1950	220-240V (350mA)	4000	>80	13,5W	1380	102
	Ne	67964-LBN	67970-LBN								
	Gr	67965-LBN	67971-LBN								
	Br	67963-LBC-DA	67969-LBC-DA	11,5W	1840	220-240V (350mA)	3000	>80	13,5W	1370	101
	Ne	67964-LBC-DA	67970-LBC-DA								
	Gr	67965-LBC-DA	67971-LBC-DA								
	Br	67963-LBN-DA	67969-LBN-DA	11,5W	1950	220-240V (350mA)	4000	>80	13,5W	1380	102
	Ne	67964-LBN-DA	67970-LBN-DA								
	Gr	67965-LBN-DA	67971-LBN-DA								




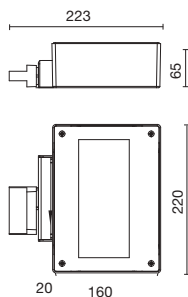





- Corpo in pressofusione di alluminio.
- Verniciatura in polveri epossidiche con trattamento speciale per esterni.
- Riflettore in alluminio purissimo, finitura PVD.
- Vetro di protezione chiaro serigrafato temprato.
- Guarnizioni e passacavo in gomma silconica.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.

- Body in die-cast aluminium.
- Epoxy powder coated painting with special treatment for outdoors.
- Pure aluminium reflector, PVD finish.
- Tempered light protection glass.
- Silicon rubber gaskets and cable gland.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.



	  	LED				SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W
	Br 67953-LBC Ne 67954-LBC Gr 67955-LBC	40W	5880	220-240V (600mA)	3000	>80	44W	5350	121
	Br 67953-LBN Ne 67954-LBN Gr 67955-LBN	40W	6260	220-240V (600mA)	4000	>80	44W	5630	128
	 /PUSH								
	Br 67953-LBC-DA Ne 67954-LBC-DA Gr 67955-LBC-DA	40W	5880	220-240V (600mA)	3000	>80	44W	5350	121
	Br 67953-LBN-DA Ne 67954-LBN-DA Gr 67955-LBN-DA	40W	6260	220-240V (600mA)	4000	>80	44W	5630	128

3,00

OP. A richiesta - On request: **CRI > 90**

classe - class

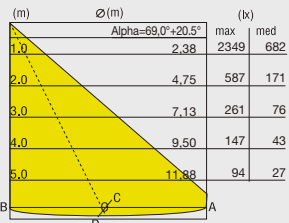
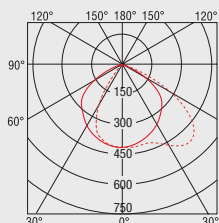
disponibile - available **DIM 1+ 10V**

IP 65
IK 06

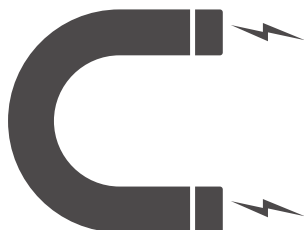


inside outside

C180.....C00|C270 — C90







MAGNETsystem



Gamma di binari magnetici elettrificati a bassa tensione dal design minimal ed elegante.

Le dimensioni ridotte li rendono quasi invisibili e particolarmente adatti ai vari progetti di illuminazione il cui obiettivo è focalizzare l'attenzione sull'oggetto illuminato.

Magnet system consente una fusione totale con l'architettura.

Gli elementi calamitati consentono facilità e versatilità nell'installazione.

I binari magnetici a bassissima tensione consentono di posizionare, rimuovere e spostare gli apparecchi da accesi (in tensione) e quindi, di variare la configurazione in qualsiasi momento.

Tutto ciò comporta una versatilità estrema, velocità di intervento e sicurezza in fase di posizionamento dei corpi luminosi.

Series of electrified low voltage tracks with minimal and elegant design.

The small sizes make them almost invisible and particularly suitable for various lighting projects whose aim is to focus the attention on the illuminated object.

Magnet system allows a total merger with the architecture.

The magnetized elements allow an ease and versatile installation.



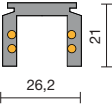
The very low voltage magnetic tracks allow to position, remove and move the switched fittings (under tension) and therefore to change the configuration at any time.



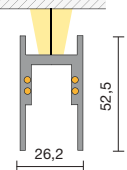
It means extreme versatility, speed of intervention and safety during the placement of the products.


BINARI - TRACKS


- Binario da incasso a bassissima tensione max 60Vdc 15A.
- Estruso in alluminio ossidato colore bianco o nero.
- Recessed track with low voltage max 60Vdc 15A.
- Structure in white or black oxidized aluminum.





48 Vdc			L (mm)	(A)
BINARIO ST1 TRACK ST1				
	Bi	M-25101	1000	15A
	Ne	M-25102		
	Bi	M-25201	2000	15A
	Ne	M-25202		
	Bi	M-25301	3000	15A
	Ne	M-25302		


48 Vdc			L (mm)	(A)
BINARIO ST2 TRACK ST2				
	Bi	M-25101H	1000	15A
	Ne	M-25102H		
	Bi	M-25201H	2000	15A
	Ne	M-25202H		
	Bi	M-25301H	3000	15A
	Ne	M-25302H		


TESTATA DI CHIUSURA ST1 END CAP ST1		Bi	M-99057
		Ne	M-99058

TESTATA DI CHIUSURA ST2 END CAP ST2		Bi	M-99051
		Ne	M-99052

TESTATA DI CHIUSURA CON FORO ST1 END CAP ST1 WITH HOLE FOR CABLE		Bi	M-99059
		Ne	M-99060

TESTATA DI CHIUSURA CON FORO ST2 END CAP ST2 WITH HOLE FOR CABLE		Bi	M-99053
		Ne	M-99054

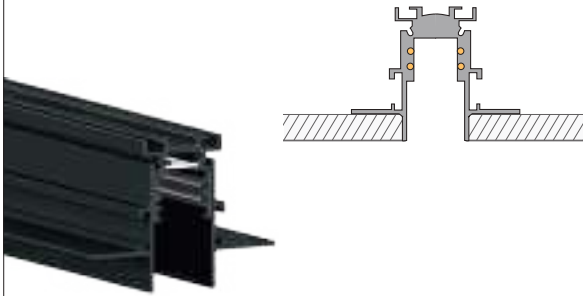
STAFFA FISSAGGIO MECCANICO PER SOSPENSIONE MECHANICAL FIXING BRACKET FOR SUSPENSION		Bi	M-99061
		Ne	M-99062

STAFFA FISSAGGIO MECCANICO PER SOSPENSIONE ST2 MECHANICAL FIXING BRACKET ST2 FOR SUSPENSION		Als	M-99055
			

STAFFA PER SOSPENSIONE CON TENDITORE BRACKET FOR SUSPENSION WITH GRIPPER		Bi	M-99063
		Ne	M-99064

STAFFA PER SOSPENSIONE CON TENDITORE ST2 BRACKET FOR SUSPENSION ST2 WITH GRIPPER		Als	M-99056
			

**BINARIO AD INCASSO
RECESSED TRACK**



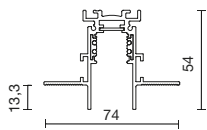
48 Vdc



L (mm)



**BINARIO DA INCASSO ST5
RECESSED TRACK ST5**



Ne	M-26102	1000	15A
Ne	M-26202	2000	15A
Ne	M-26302	3000	15A

**TESTATA DI CHIUSURA ST2 - ST5
END CAP ST2 - ST5**



Ne M-99052

**CLIP CON TENDITORE AUTOMATICO
CLAMP WITH AUTOMATIC GRIPPER**



Als M-99076

**STAFFA, BARRA FILETTATA M6
E DADO PER FISSAGGIO A SOFFITTO PER SOSPENSIONE
BRACKET, M6 THREADED BAR AND NUT FOR CEILING MOUNTING**



Als M-99077

**STAFFA DI RINFORZO PER GIUNTO DIRETTO
REINFORCED BRACKET FOR DIRECT JOINTING**



Als M-99075













ACCESSORI - ACCESSORIES



- Accessori polarizzati per connessioni su binario magnetico a bassissima tensione max 60Vdc 15A.

- Polarized accessories for connection on magnetic track with low voltage max 60Vdc 15A.



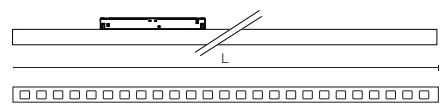





				
	Bi	M-99040		TESTATA DI ALIMENTAZIONE SX - CHIAVE DI MONTAGGIO SX
	Ne	M-99041		PER BINARIO ST1 - ST2 - ST5 END FEED LEFT - LEFT MOUNTING KEY FOR ST1 - ST2 - ST5 TRACK
NB. Collegare la testata di alimentazione a uno degli alimentatori consigliati. Connect the live end to one of the recommended drivers.				
	Bi	M-99042		TESTATA DI ALIMENTAZIONE DX - CHIAVE DI MONTAGGIO DX
	Ne	M-99043		PER BINARIO ST1 - ST2 - ST5 END FEED RIGHT - RIGHT MOUNTING KEY FOR ST1 - ST2 - ST5 TRACK
NB. Collegare la testata di alimentazione a uno degli alimentatori consigliati. Connect the live end to one of the recommended drivers.				
	Bi	M-99044		GIUNTO PASSANTE PER BINARIO ST1 - ST2 - ST5
	Ne	M-99045		JOIN TING CONNECTOR FOR ST1 - ST2 - ST5 TRACK
	Bi	M-99046		GIUNTO A L ESTERNO - CHIAVE DI MONTAGGIO ESTERNA
	Ne	M-99047		PER BINARIO ST1 - ST2 - ST5 EXTERNAL L JOINT - EXTERNAL MOUNTING KEY FOR ST1 - ST2 - ST5 TRACK
	Bi	M-99073		GIUNTO A L INTERNO - CHIAVE DI MONTAGGIO INTERNA
	Ne	M-99074		PER BINARIO ST1 - ST2 - ST5 INTERNAL L JOINT - INTERNAL MOUNTING KEY FOR ST1 - ST2 - ST5 TRACK
	Bi	M-99048		COPERTURA PER GIUNTO A L PER BINARIO ST2
	Ne	M-99049		COVER FOR L JOINT FOR ST2 TRACK
	acciaio	M-99050		STAFFA A L PER GIUNTI ANGOLARI
				L BRACKET FOR ANGLES

			
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED			
646433	50W	IP20	48 Vdc
646434	75W	IP20	48 Vdc
646435	120W	IP20	48 Vdc

APPARECCHI LINEARI MAGNETICI - MAGNETIC LINEAR PRODUCTS



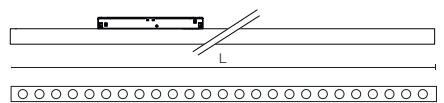





- Corpo e vano ottico in pressofusione di alluminio verniciato in polvere.
- Riflettore in policarbonato metallizzato in alto vuoto.
- Alimentatore elettronico.
- Led durata utile: 50.000 (h) L90 B5.
- Costanza cromatica: 3 SDCM.
- Body and optic in die-cast aluminum powder coated.
- High vacuum metallized polycarbonate reflector.
- Electronic driver.
- Led life: 50.000 (h) L90 B5.
- Chromatic constancy: 3 SDCM.

ESTRUSO LINEARE CON OTTICA QUADRATA UGR <19 ALUMINUM LINEAR STRUCTURE WITH SQUARE OPTIC UGR <19

48 Vdc			L (mm)	LED					SISTEMA-SYSTEM			
				W	lm	V	K	(CRI)	W	lm	$\frac{lm}{W}$	
			Ne M-6005-LBC	567	10,2W	1159	48Vdc	3000	>90	10,2W	1021	100
			Ne M-6005-LBN	567	10,2W	1241	48Vdc	4000	>90	10,2W	1093	107
			Ne M-6007-LBC	1128	18,2W	2087	48Vdc	3000	>90	18,2W	1838	100
			Ne M-6007-LBN	1128	18,2W	2235	48Vdc	4000	>90	18,2W	1968	108




ESTRUSO LINEARE CON LENTI TONDE ALUMINUM LINEAR STRUCTURE WITH ROUND LENSES

48 Vdc			L (mm)	LED					SISTEMA-SYSTEM			
				W	lm	V	K	(CRI)	W	lm	$\frac{lm}{W}$	
			Ne M-6001-LBC	567	10,2W	1159	48Vdc	3000	>90	10,2W	1064	100
			Ne M-6001-LBN	567	10,2W	1241	48Vdc	4000	>90	10,2W	1113	109
			Ne M-6003-LBC	1128	18,2W	2087	48Vdc	3000	>90	18,2W	1890	104
			Ne M-6003-LBN	1128	18,2W	2235	48Vdc	4000	>90	18,2W	2004	110



OP.

*A richiesta - On request: apertura fascio - light beam  - 26x42° ellittico - elliptical

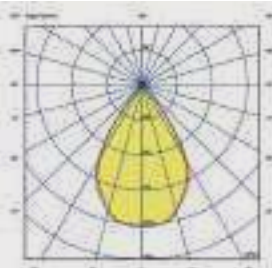
A richiesta - On request: Led con temperatura di COLORE 2700K - Temperature Led COLOUR 2700K disponibile - available DIM 1+ 10V 

IP 20

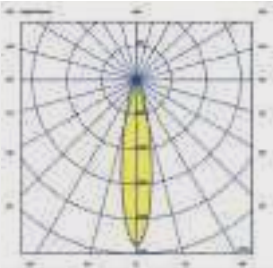


inside

18,2W
...-LBC
60°



18,2W
...-LBC
20°









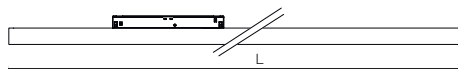



- Corpo e vano ottico in pressofusione di alluminio verniciato in polvere.
- Schermo in policarbonato opale.
- Alimentatore elettronico.
- Led durata utile: 50.000 (h) L90 B5.
- Costanza cromatica: 3 SDCM.

- Body and optic in die-cast aluminum powder coated.
- Polycarbonate opal screen.
- Electronic driver.
- Led life: 50.000 (h) L90 B5.
- Chromatic constancy: 3 SDCM.

ESTRUSO LINEARE CON SCHERMO OPALE IN DIVERSE LUNGHEZZE PER LINEA CONTINUA LUMINOSA
ALUMINUM LINEAR STRUCTURE WITH OPALE SCREEN FOR CONTINUOUS BRIGHT LINE

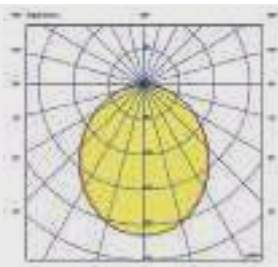
48 Vdc	  	L (mm)	LED					SISTEMA-SYSTEM		
			W	lm	V	K	(CRI)	W	lm	$\frac{lm}{W}$
	Ne M-6002-LBC	567	11,9W	1488	48Vdc	3000	>90	11,9W	1005	85
	Ne M-6002-LBN	567	11,9W	1620	48Vdc	4000	>90	11,9W	1078	90
	Ne M-6004-LBC	1128	23,8W	2976	48Vdc	3000	>90	23,8W	2011	85
	Ne M-6004-LBN	1128	23,8W	3240	48Vdc	4000	>90	23,8W	2153	90
	Ne M-6006-LBC	1408	29,8W	3720	48Vdc	3000	>90	29,8W	2514	85
	Ne M-6006-LBN	1408	29,8W	4050	48Vdc	4000	>90	29,8W	2692	90



OP. A richiesta - On request: schermo microprismatico - microprismatic screen
 disponibile - available DIM 1+ 10V 







23,8W
 ...-LBC
 120°

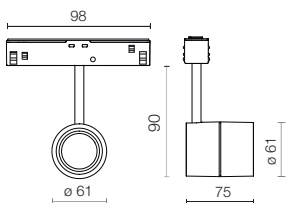


APPARECCHI SPOT MAGNETICI - MAGNETIC SPOT PRODUCTS





- Corpo e vano ottico in pressofusione di alluminio verniciato in polvere.
- Riflettore in policarbonato metallizzato in alto vuoto.
- Alimentatore elettronico.
- Led durata utile: 50.000 (h) L80 B20.
- Costanza cromatica: 3 SDCM.
- Body and optic in die-cast aluminum powder coated.
- High vacuum metallized polycarbonate reflector.
- Electronic driver.
- Led life: 50.000 (h) L80 B20.
- Chromatic constancy: 3 SDCM.

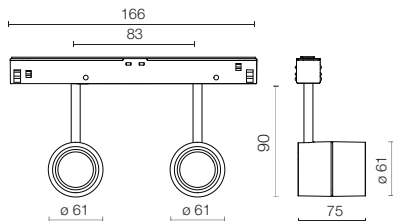
SPOT SINGOLO CON ADATTATORE MAGNETICO POLARIZZATO SINGLE SPOT WITH POLARIZED MAGNETIC ADAPTER

	   20	LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	$\frac{lm}{W}$
Bi M-67383-LBC20	 0,155	12,4W	1580	24/48Vdc	3000	>80	13W	1390	107
Ne M-67384-LBC20		12,4W	1550	24/48Vdc	3000	>80	13W	1450	112




SPOT DOPPIO CON ADATTATORE MAGNETICO POLARIZZATO DOUBLE SPOT WITH POLARIZED MAGNETIC ADAPTER

	   20	LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	$\frac{lm}{W}$
Bi M-67386-LBC	 0,31	24,8W	3160	24/48Vdc	3000	>80	26W	2780	107
Ne M-67387-LBC		24,8W	3300	24/48Vdc	4000	>80	26W	2900	112



OP.

*A richiesta - On request: apertura fascio - light beam  40

A richiesta - On request: disponibile - available

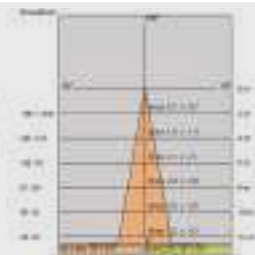
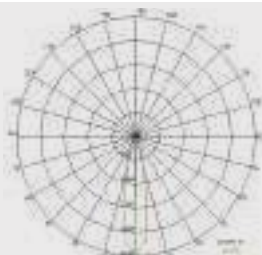


IP 20

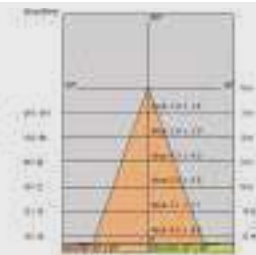
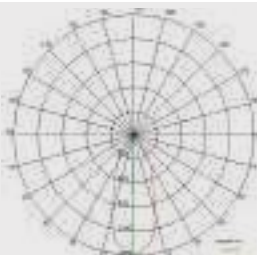


inside

12,4W
...-LBC
20°



12,4W
...-LBC
40°





- Corpo in estruso di alluminio verniciato, lunghezza 300 mm.
- Gruppo di alimentazione integrato.
- Led durata utile: 50.000 (h) L 80 B20
- Costanza cromatica: 3 SDCM.

- Main body made of extruded aluminum, length 300 mm.
- Built-in power supply unit.
- Led life: 50.000 (h) L80 B20
- Cromatic constancy: 3 SDCM.

DROP 30S XS

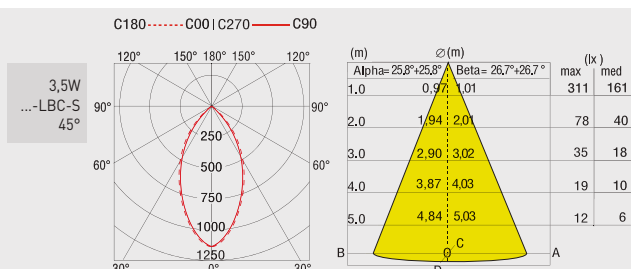
	LED	SISTEMA-SYSTEM					
		W	lm	lm/W			
Br M-D2210-LBC-S	3,5W 285	24/48Vdc	3000	>80	4,5W	257	57
Ne M-D2211-LBC-S	3,5W 300	24/48Vdc	4000	>80	4,5W	287	64



0,38 kg



OP. A richiesta - On request: disponibile - available



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color



I PLUS DEI BINARI SITRACK

I binari elettrificati trifase SIDE S.P.A. offrono un'infrastruttura flessibile per apparecchi con diverse caratteristiche illuminotecniche che possono essere spostati o scambiati senza problemi. I singoli binari possono essere collegati tra loro tramite gli accessori per creare svariate forme.

Possono essere realizzati anche nella versione DALI.

I binari Sitrack grazie alla gamma di accessori consentono il montaggio in diverse situazioni:

le versioni da incasso, a plafone e quella per la sospensione con funi o tiges.

Binario a 5 conduttori con tre circuiti ad accensioni separate. È costituito da un profilo estruso in alluminio EN AB-47100 verniciato per interni in polveri epossidiche, che funziona anche da terra, e da un inserto in plastica che alloggia n.4 conduttori di rame a sezione piatta di 3,3 mm² in coestrusione con isolamento in materiale termoplastico.

Il binario può essere tagliato sul posto di lavoro nelle dimensioni desiderate.

Non è necessario tagliare o piegare i conduttori di rame ed ha dei fori predisposti per il fissaggio.

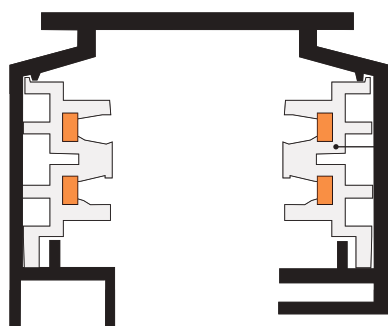
THE ADVANTAGES OF SITRACK TRACKS

SIDE S.P.A. three-phase electrified tracks provide a flexible infrastructure for lightning equipment with different characteristics that can be moved or swapped smoothly. Individual tracks can be connected to each other through the accessories to create various shapes.

They can also be produced in the DALI version. Sitracks tracks, thanks to the accessories range, allow their installation in different situations: recessed, ceiling mounted and suspended cables with cable or tiges.

5 track conductors with three separate ignition circuits. It consists of an extruded aluminum profile EN AB-47100 painted with epoxy powder for indoor usage, which also works on the floor, and a plastic insert that houses 4 flat copper conductors of 3.3mm² in co-extrusion with insulation in thermoplastic material. The track can be cut in the workplace in the sizes that you desire.

It is not necessary to cut or bend the copper conductors and there are holes for fastening.



Inserto in plastica che alloggia n.4 conduttori di rame a sezione piatta di 3,3mm² in coestrusione con isolamento PVC. La coestrusione permette che in fase di taglio dei binari non avvenga il distacco dei conduttori dal materiale termoplastico.

Plastic insert that houses 4 flat section copper conductors of 3.3 mm² co-extruded with PVC insulation. The extrusion prevents the detachment of plastic and conductors while cutting the tracks.

SITRACK 230V Binario per montaggio a plafone - Track for ceiling mounting

• Binario a 5 conduttori con tre circuiti ad accensioni separate. È costituito da un profilo di alluminio estruso, che funziona anche da terra, e da un inserto in plastica che alloggia 4 conduttori in rame di 3 mm². Il binario può essere tagliato sul posto di lavoro nelle dimensioni desiderate. Non è necessario tagliare o piegare i conduttori di rame. Il binario ha dei fori predisposti per il fissaggio.

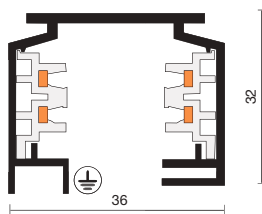
• A 5 conductor track with three separately switchable circuits. It consists of an extruded aluminium profile, which also functions as earth, and an inserted bent profile carrying 4 embedded 3 cm. copper conductors. The track can be cut to length at site. It is not necessary to cut or bend back the copper wire. The track has pre-punched holes for fixation.



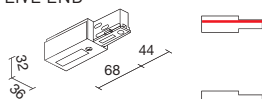
BINARIO TRIFASE 3 CIRCUIT TRACK



Br	25101	Lunghezza 1 m. Length 1 m.
Ne	25102	
Gr	25103	
Br	25201	Lunghezza 2 m. Length 2 m.
Ne	25202	
Gr	25203	
Br	25301	Lunghezza 3 m. Length 3 m.
Ne	25302	
Gr	25303	
Br	25401	Lunghezza 4 m. Length 4 m.
Ne	25402	
Gr	25403	

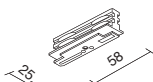


TESTATA DI ALIMENTAZIONE LIVE END



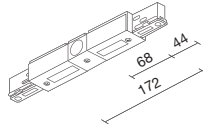
Bi	990241	Contatto sinistro di messa a terra Left earth contact
Ne	990242	
Bi	990251	Contatto destro di messa a terra Right earth contact
Ne	990252	

CONGIUNZIONE RETTILINEA STRAIGHT COUPLER



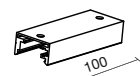
Bi	990371
Ne	990372

ALIMENTATORE CENTRALE STRAIGHT COUPLER FOR CENTRAL FEEDING



Bi	990781
Ne	990782

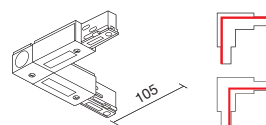
STAFFA DI FISSAGGIO MECCANICO MECHANICAL FIXING CLIP



Bi	990741
Ne	990742

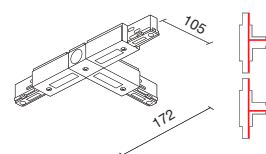


CONGIUNZIONE A 90° 90° COUPLER



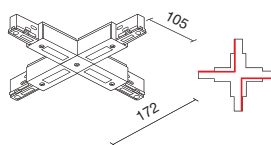
Bi	990791	Contatto di terra esterno Outside earth contact
Ne	990792	
Bi	990271	Contatto di terra interno Inside earth contact
Ne	990272	

CONGIUNZIONE A T T COUPLER FOR SURFACE



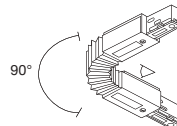
Bi	990289	Contatto di terra destro esterno Right outside earth contact
Ne	990290	
Bi	990293	Contatto di terra sinistro esterno Left outside earth contact
Ne	990294	
Bi	990291	Contatto di terra destro interno Right inside earth contact
Ne	990292	
Bi	990301	Contatto di terra sinistro interno Left inside earth contact
Ne	990302	

CONGIUNZIONE A X X COUPLER FOR SURFACE



Bi	990311
Ne	990312

CURVA FLESSIBILE FLEXIBLE CURVE



Bi	990331
Ne	990332

COPRIBINARIO TRACK COVER



Bi	990341	Lunghezza 1 m. Length 1 m.
Ne	990342	



Binario per montaggio a plafone - Track for ceiling mounting - SITRACK 230V

• Binario a 5 conduttori con tre circuiti ad accensioni separate. È costituito da un profilo di alluminio estruso, che funziona anche da terra, e da un inserto in plastica che alloggia 4 conduttori in rame di 3 mm². Il binario può essere tagliato sul posto di lavoro nelle dimensioni desiderate. Non è necessario tagliare o piegare i conduttori di rame. Il binario ha dei fori predisposti per il fissaggio.

• A 5 conductor track with three separately switchable circuits. It consists of an extruded aluminium profile, which also functions as earth, and an inserted bent profile carrying 4 embedded 3 cm. copper conductors. The track can be cut to length at site. It is not necessary to cut or bend back the copper wire. The track has pre-punched holes for fixation.



BINARI • TRACKS



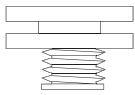
TESTATA DI CHIUSURA END CAP

Bi 990351
Ne 990352



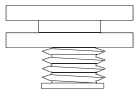
RACCORDO PER ADATTATORE 100N NIPPLE FOR ADAPTOR 100N

588123 M13X1
588223 M10X1



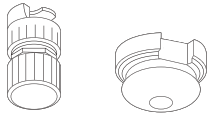
RACCORDO PER ADATTATORE 50N NIPPLE FOR ADAPTOR 50N

Bi 644579 M10X1
Ne 644580 M13X1



ADATTATORE 100N ADAPTOR 100N

Bi 990991 Adattatore meccanico
Ne 990992 universale
Universal mechanical
adaptor

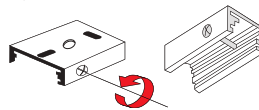


Bi 990831 Bloccacavo per adattatore
Ne 990832 Cabla clamp for adaptor



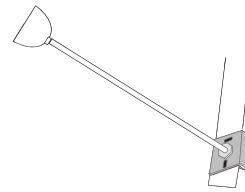
STAFFA CLIP

Bi 990751 Staffa per montaggio
Ne 990752 a soffitto o a sospensione
Clip for surface or
pendant mounting



TIGES

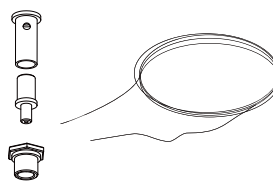
Bi 999051 Tiges con rosone per
Ne 999052 montaggio a sospensione
L 600 mm.
Tiges for pendant mounting
L 600 mm



Bi 999061 Tiges con rosone per
Ne 999062 montaggio a sospensione
L 1200 mm.
Tiges for pendant mounting
L 1200 mm

KIT

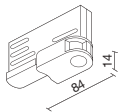
Bi 7011 Kit sospensione a filo
L 3 m. per sospensione
ordinare anche staffa
codice 990751-990752
Wire suspension kit L 3 m
for suspension, you should
order also art. 990751-990752



N.B: Cavetto acciaio - sez. 1,76 mm² - portata max 50 Kg. Carico di rottura 290 Kg.
NOTE: Steel cable - section 1,76 mm² - maximum capacity of 50 Kg. Actual breaking load 290 Kg.

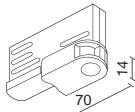
ADATTATORE 100N ADAPTOR 100N

Bi 990921-1
Ne 990922-1



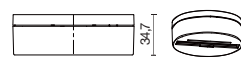
ADATTATORE 50N ADAPTOR 50N

Bi 644522
Ne 644523



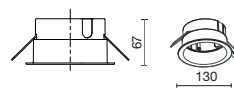
BASSETTA PLAFONE PER ADATTATORE CEILING BASE FOR ADAPTOR

Bi 990925
Ne 990926

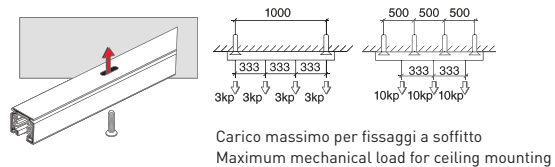
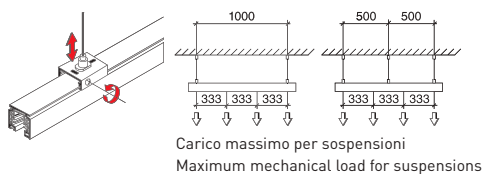


ADATTATORE INCASSO BASSETTA RECESSED BASE ADAPTOR

Bi 990930
Ne 990931



N.B: Per applicazione ad incasso ordinare (Es.) codice 990925 + 990930
NOTE: For recessed application order (Ex) code 990925 + 990930



IP 20





Binario per montaggio ad incasso - Track for recessed mounting - SITRACK 230V

• Binario a 5 conduttori con tre circuiti ad accensioni separate. È costituito da un profilo in alluminio estruso, che funziona anche da terra, e da un inserto in plastica che alloggia 4 conduttori in rame di 3 mm². Il binario può essere tagliato sul posto di lavoro nelle dimensioni desiderate. Non è necessario tagliare o piegare i conduttori di rame. Il binario ha dei fori predisposti per il fissaggio. Se vengono utilizzate le testate di chiusura a incasso è necessario accorciare i conduttori di rame e il profilo in plastica di una lunghezza pari allo spessore delle testate stesse.

• A 5 conductor track with three separately switchable circuits. It consists of an extruded aluminium profile, which also functions as earth, and an inserted bent profile carrying 4 embedded 3 cm. copper conductors. The track can be cut to length at site. It is not necessary to cut or bend back the copper wire. The track has pre-punched holes for fixation. In case of use of the recessed end caps, it is necessary to cut the copper conductors and the plastic profile at a length equal to the thickness of these end caps.



**BINARIO TRIFASE
3 CIRCUIT TRACK**

Br	26101	Lunghezza 1 m. Lenght 1 m.
Br	26201	Lunghezza 2 m. Lenght 2 m.
Br	26301	Lunghezza 3 m. Lenght 3 m.
Br	26401	Lunghezza 4 m. Lenght 4m

**CONGIUNZIONE RETTILINEA
STRAIGHT COUPLER**

Bi	990381	Per montaggio da incasso
Ne	990382	For recessed mounting

**ALIMENTAZIONE CENTRALE
STRAIGHT COUPLER FOR
CENTRAL FEEDING**

Bi	555252031	Per montaggio da incasso For recessed mounting
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**TESTATA DI CHIUSURA
END CAP**

Bi	993381	Per incasso
Ne	993382	For mounting

**MOLLA
SNAP**

Bi	992590	Molla supporto profilo 6 pezzi
		Profile snap hanger for tension grip 6 pieces

KIT x 6

**RACCORDO PER ADATTATORE 100N
NIPPLE FOR ADAPTOR 100N**

	588123	M13X1
	588223	M10X1

**RACCORDO PER ADATTATORE 50N
NIPPLE FOR ADAPTOR 50N**

Bi	644579	M10X1
Ne	644580	M13X1

**ADATTATORE 100N
ADAPTOR 100N**

Bi	990921-1
Ne	990922-1

**ADATTATORE 50N
ADAPTOR 50N**

Bi	644522
Ne	644523

**TESTATA DI ALIMENTAZIONE
LIVE END**

Bi	993241	Contatto sinistro di messa a terra
Ne	993242	Left earth contact
Bi	993251	Contatto destro di messa a terra
Ne	993252	Right earth contact

**CONGIUNZIONE A 90°
90° COUPLER FOR SURFACE**

Bi	993271	Contatto di terra esterno
Ne	993272	Outside earth contact
Bi	993261	Contatto di terra interno
Ne	993262	Inside earth contact

**CONGIUNZIONE A T
T COUPLER FOR SURFACE**

Bi	993282	Contatto di terra destro esterno
Ne	993284	Right outside earth contact
Bi	993332	Contatto di terra sinistro esterno
Ne	993333	Left outside earth contact
Bi	993281	Contatto di terra destro interno
Ne	993283	Right inside earth contact
Bi	993331	Contatto di terra sinistro interno
Ne	993334	Left inside earth contact

**CONGIUNZIONE A X
X COUPLER**

Bi	993291
Ne	993292

**COPRIBINARIO
TRACK COVER**

Bi	359100	Lunghezza 1 m. Lenght 1 m.
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IP 20



SITRACK DALI Binario per montaggio a plafone - Track for ceiling mounting

- Binario a 5 conduttori con tre circuiti ad accensioni separate + 2 conduttori per bus. È costituito da un profilo di alluminio estruso, che funziona anche da terra, e da un inserto in plastica che alloggia 4 conduttori in rame di 3 mm². Il binario può essere tagliato sul posto di lavoro nelle dimensioni desiderate. Non è necessario tagliare o piegare i conduttori di rame. Il binario ha dei fori predisposti per il fissaggio.

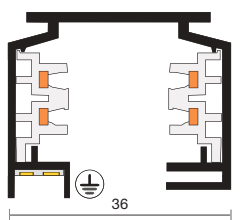
- A 5 conductor track with three separately switchable circuits + 2 conductor for bus. It consists of an extruded aluminium profile, which also functions as earth, and an inserted bent profile carrying 4 embedded 3 mm² copper conductors. The track can be cut to length at site. It is not necessary to cut or bend back the copper wire. The track has pre-punched holes for fixation.



• Sezione conduttore BUS in rame 1 mm²
 • Section of copper conductor BUS 1 mm²

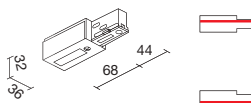


BINARIO TRIFASE 3 CIRCUIT TRACK



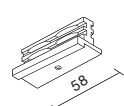
Br 25101-BUS	Lunghezza 1 m.
Ne 25102-BUS	Lenght 1 m.
Gr 25103-BUS	
Br 25201-BUS	Lunghezza 2 m.
Ne 25202-BUS	Lenght 2 m.
Gr 25203-BUS	
Br 25301-BUS	Lunghezza 3 m.
Ne 25302-BUS	Lenght 3 m.
Gr 25303-BUS	
Br 25401-BUS	Lunghezza 4 m.
Ne 25402-BUS	Lenght 4 m.
Gr 25403-BUS	

TESTATA DI ALIMENTAZIONE LIVE END



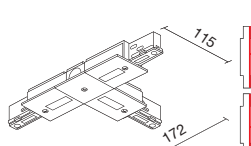
Bi 555212021	Contatto sinistro di messa a terra
Ne 555212022	Left earth contact
Bi 555212011	Contatto destro di messa a terra
Ne 555212012	Right earth contact

CONGIUNZIONE RETTILINEA STRAIGHT COUPLER



Bi 555212061	
Ne 555212062	

CONGIUNZIONE A T T COUPLER FOR SURFACE



Bi 555212131	Contatto sinistro interno di messa a terra
Ne 555212132	Inside left earth contact
Bi 555212121	Contatto destro interno di messa a terra
Ne 555212122	Inside right earth contact
Bi 555212151	Contatto sinistro esterno di messa a terra
Ne 555212152	Outside left earth contact
Bi 555212141	Contatto destro esterno di messa a terra
Ne 555212142	Outside right earth contact

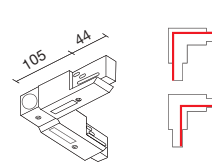
CONGIUNZIONE A X X COUPLER



Bi 555212161	
Ne 555212162	

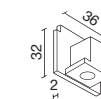


CONGIUNZIONE A 90° 90° COUPLER FOR SURFACE



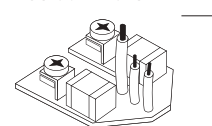
Bi 555212091	Contatto esterno di messa a terra
Ne 555212092	Outside earth contact
Bi 555212101	Contatto interno di messa a terra
Ne 555212102	Inside earth contact

TESTATA DI CHIUSURA END CAP



Bi 990351	
Ne 990352	

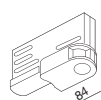
CONTATTI BUS BUS CONTACTS



996980

DA ORDINARE INSIEME
TO BE ORDERED TOGETHER

ADATTATORE 100N ADAPTOR 100N



Bi 990921-1	
Ne 990922-1	

COPRIBINARIO TRACK COVER



Bi 990341	Lunghezza 1 m.
Ne 990342	Lenght 1 m.



Binario per montaggio a plafone - Track for ceiling mounting - SITRACK DALI

• Binario a 5 conduttori con tre circuiti ad accensioni separate + 2 conduttori per bus.
È costituito da un profilo di alluminio estruso, che funziona anche da terra, e da un inserto in plastica che alloggia 4 conduttori in rame di 3 mm². Il binario può essere tagliato sul posto di lavoro nelle dimensioni desiderate. Non è necessario tagliare o piegare i conduttori di rame. Il binario ha dei fori predisposti per il fissaggio.

• A 5 conductor track with three separately switchable circuits + 2 conductor for bus. It consists of an extruded aluminium profile, which also functions as earth, and an inserted bent profile carrying 4 embedded 3 cm. copper conductors. The track can be cut to length at site. It is not necessary to cut or bend back the copper wire. The track has pre-punched holes for fixation.



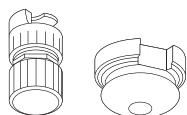
RACCORDO PER ADATTATORE 100N NIPPLE FOR ADAPTOR 100N

588123 M13X1
588223 M10X1



ADATTATORE 100N ADAPTOR 100N

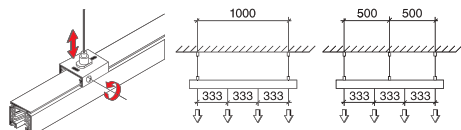
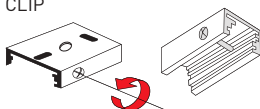
Bi 990991 Adattatore meccanico universale max 100n (10Kp)
Ne 990992 Universal mechanical adaptor



Bi 990831 Bloccacavo per adattatore
Ne 990832 Cable clamp for adaptor

STAFFA CLIP

Bi 990751 Staffa per montaggio a soffitto o a sospensione
Ne 990752 Clip for surface or pendant mounting

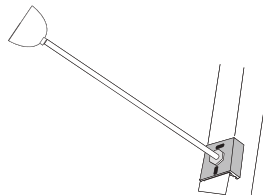


Carico massimo per sospensioni
Maximum mechanical load for suspensions



TIGES

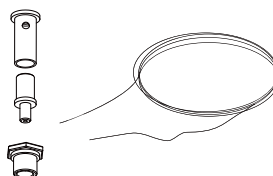
Bi 999051 Tiges con rosone per montaggio a sospensione L= 600 mm.
Ne 999052 Tiges for pendant mounting L= 600 mm.



Bi 999061 Tiges con rosone per montaggio a sospensione L= 1200 mm.
Ne 999062 Tiges for pendant mounting L= 1200 mm.

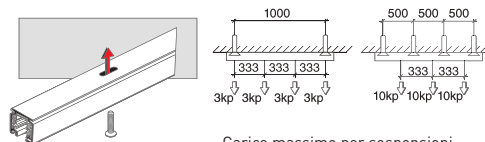
KIT

Bi 7011 Kit sospensione a filo L 3 m. per sospensione
Da abbinare a staffa 990751-990752



Wire suspension kit
L 3 m. for suspension
To combine with clip code 990751-990752

N.B: Cavetto acciaio - sez. 1,76 mm² - portata max 50 Kg. Carico di rottura 290 Kg.
NOTE: Steel cable - section 1,76 mm² - maximum capacity of 50 Kg. Actual breaking load 290 Kg.



Carico massimo per sospensioni
Maximum mechanical load for mounting



Binario per montaggio ad incasso - Track for recessed mounting - SITRACK DALI

• Binario a 5 conduttori con tre circuiti ad accensioni separate. È costituito da un profilo in alluminio estruso, che funziona anche da terra, e da un inserto in plastica che alloggia 4 conduttori in rame di 3 mm². Il binario può essere tagliato sul posto di lavoro nelle dimensioni desiderate. Non è necessario tagliare o piegare i conduttori di rame. Il binario ha dei fori predisposti per il fissaggio. Se vengono utilizzate le testate di chiusura a incasso è necessario accorciare i conduttori di rame e il profilo in plastica di una lunghezza pari allo spessore delle testate stesse.



• A 5 conductor track with three separately switchable circuits. It consists of an extruded aluminium profile, which also functions as earth, and an inserted bent profile carrying 4 embedded 3 cm. copper conductors. The track can be cut to length at site. It is not necessary to cut or bend back the copper wire. The track has pre-punched holes for fixation. In case of use of the recessed end caps, it is necessary to cut the copper conductors and the plastic profile at a length equal to the thickness of these end caps.

**BINARIO TRIFASE
3 CIRCUIT TRACK**

Br	26201-BUS	Lunghezza 2 m
Ne	26202-BUS	Lenght 2 m.
Gr	26203-BUS	
Br	26301-BUS	Lunghezza 3m
Ne	26302-BUS	Lenght 3 m.
Gr	26303-BUS	
Br	26401-BUS	Lunghezza 4 m
Ne	26402-BUS	Lenght 4 m.
Gr	26403-BUS	

**CONGIUNZIONI RETTILINEA
STRAIGHT COUPLER**

Bi	555232061	Per montaggio da incasso
Ne	555232062	For recessed mounting

**ALIMENTATORE CENTRALE
STRAIGHT COUPLER FOR
CENTRAL FEEDING**

Bi	555252031	Per montaggio da incasso
Ne	555255032	For recessed mounting

**TESTATA DI CHIUSURA
END CAP**

Bi	993381	Per incasso
Ne	993382	For mounting

**MOLLA
SNAP**

KIT x 6

Bi	992590	Molla supporto profilo 6 pezzi
		Profile snape hanger for tension grip 6 pieces

**RACCORDO PER ADATTATORE 100N
NIPPLE FOR ADAPTOR 100N**

	588123	M13X1
	588223	M10X1

**RACCORDO PER ADATTATORE 50N
NIPPLE FOR ADAPTOR 50N**

Bi	644579	M10X1
Ne	644580	M13X1

**CONTATTI BUS
BUS CONTACTS**

996980

**DA ORDINARE INSIEME
TO BE ORDERED TOGETHER**

**ADATTATORE 100N
ADAPTOR 100N**

Bi	990921-1
Ne	990922-1

**TESTATA DI ALIMENTAZIONE
LIVE END**

Bi	555232021	Contatto sinistro
Ne	555232022	di messa a terra
		Left earth contact
Bi	555232011	Contatto destro
Ne	555232012	di messa a terra
		Right earth contact

**CONGIUNZIONE A 90°
L COUPLER FOR SURFACE**

Bi	555232091	Contatto sinistro
Ne	555232092	di messa a terra
		Left earth contact
Bi	555232101	Contatto destro
Ne	555232102	di messa a terra
		Right earth contact

**CONGIUNZIONE A T
T COUPLER FOR SURFACE**

Bi	555232131	Contatto sinistro
Ne	555232132	interno di messa a terra
		Inside left earth contract
Bi	555232121	Contatto destro
Ne	555232122	interno di messa a terra
		Inside right earth contract
Bi	555232151	Contatto sinistro
Ne	555232152	esterno di messa a terra
		Outside left earth contract
Bi	555232141	Contatto destro
Ne	555232142	esterno di messa a terra
		Outside right earth contract

**CONGIUNZIONE A X
X COUPLER**

Bi	555232161	Per incasso
Ne	555232162	For mounting

**COPRIBINARIO
TRACK COVER**

Bi	990341	Lunghezza 1 m.
Ne	990342	Lenght 1 m.







PARETE - PLAFONE - SOSPENSIONE • WALL - CEILING - SUSPENSION



219
Q1



219
Q2



219
Q3



221
Q5



221
Q6



223
INCAVO



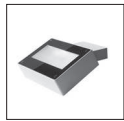
225
WALL



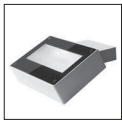
227
CUBICO



229
VEGA XS-XL
PARETE



231
SOLARIS
MINI MCL



233
SOLARIS MCL



235
SINDI 60-100
PLAFONE



239
MATRIX
RANGE



240
LED JOINT



241
LED FLEX



243
BEND MICRO



245
BEND MINI



246
SD4



250
CUBIK



253
QUADRANT



254
BIG PLAFONE



261
BIG FLAT
PLAFONE



264
DROP



272
SWING PLAFONE
10-13



274
NET RANGE
MCL



276
NET RANGE
15 MCL



278
NET RANGE
18 MCL



282
CEILING DECO
/MCL



284
MINI TOWER
MCL



287
AURORA XS



289
AURORA XL



291
SD-HIGHBAY



292
BIG
SOSPENSIONE



301
BIG FLAT
SOSPENSIONE



304
STARGATE



310
STARGATE
2000/3000



313
TAPE



319
SLIM LED



321
ELISEO
PARETE



322
ELISEO
SOSPENSIONE



324
LINEA



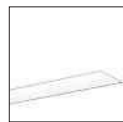
327
TRAIL
PLAFONE



331
TRAIL
SOSPENSIONE



335
MICRO
LINEAR SYSTEM



343
LINEAR SYSTEM
INCASSO



343
LINEAR SYSTEM
PARETE/PLAFONE



345
LINEAR SYSTEM
SOSPENSIONE



347
LIGHT CUT



352
STRIP LED
SMD 1-2-3



354
STRIP LED
SMD 1-2-3
IP 65



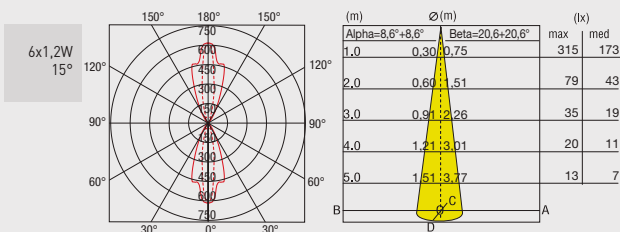
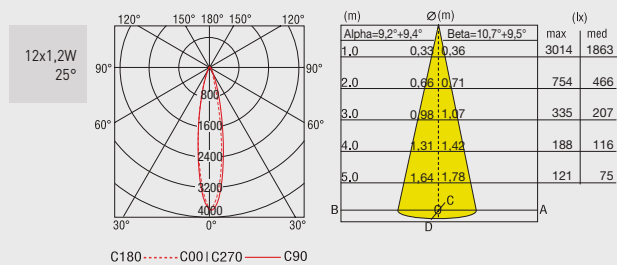
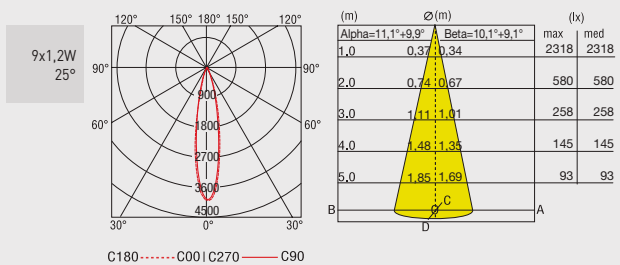
IP 20



T



sidesign COLLECTION





Q1 - Q2 - Q3

- Corpo e piastra in zama.
- Contropiastra in acciaio zincato per fissaggio a scatola da incasso.
- Compresa scatola da incasso tipo 506L.
- Compreso alimentatore (nc. 644759).

- Body plate zamak.
- Backplate galvanized steel mounting gear box.
- Including gear box type 506L.
- Including Led driver (nc. 644759).



Q1

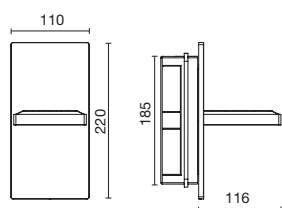


Q2



Q3

Q1				(W)	(lm)	(V)	(K)	(CRI)
----	--	--	--	-----	------	-----	-----	-------



1,90

Cr D2010
Br D2011
Ne D2012
Bw D2013

9x1,2W

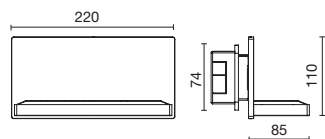
594

220-240V
(350mA)

3000

>80

Q2				(W)	(lm)	(V)	(K)	(CRI)
----	--	--	--	-----	------	-----	-----	-------



2,30

Cr D2030
Br D2031
Ne D2032
Bw D2033

12x1,2W

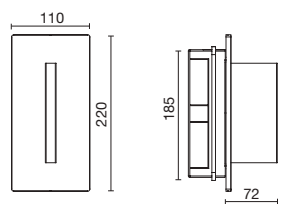
792

220-240V
(350mA)

3000

>80

Q3				(W)	(lm)	(V)	(K)	(CRI)
----	--	--	--	-----	------	-----	-----	-------



2,20

MONO EMISSIONE - MONO EMISSION

Cr D2020
Br D2022
Ne D2023
Bw D2024

3x1,2W

240

220-240V
(350mA)

3000

>80

DOPPIA EMISSIONE - DOUBLE EMISSION

Cr D2021
Br D2025
Ne D2026
Bw D2027

6x1,2W

480

220-240V
(350mA)

3000

>80





Q5 - Q6

- Contropiastra in acciaio zincato per fissaggio a scatola da incasso.
- Corpo in acciaio Inox lucidato - acciaio verniciato.
- Compreso di scatola da incasso tipo 503.
- Compreso di alimentatore (nc. 645390).

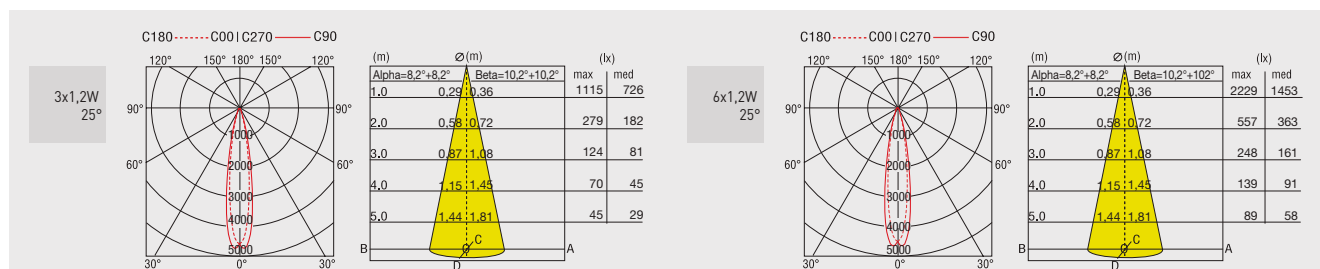
- Backplate galvanized steel fixing to gear box.
- Body polished stainless steel - varnished steel.
- Including gear box type 503.
- Including Led driver (nc. 645390).



Q5					
	 Cr D2050 Br D2051 Ne D2052 Bw D2053	3 LED 3,6W	240	220-240V (350mA)	3000 >80

Q6					
	 Cr D2060 Br D2061 Ne D2062 Bw D2063	6 LED 7,2W	480	220-240V (350mA)	3000 >80

sidesign COLLECTION



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color





- Corpo in lamiera di alluminio verniciata.
- Cassaforma di alloggiamento inclusa.
- Modello ...-Sc per installazioni su cartongesso.
- Diffusore in alluminio purissimo.
- Vetro di protezione.
- Ottica basculante 0-30°.

- Painted steel body.
- Housing included.
- ...-SC model for soft wall.
- Pure aluminium reflector.
- Protection glass.
- Adjustable optic 0-30°.



MOD. SC Con telaio per installazione in superfici di cartongesso
Housing for soft wall

	Icona	MOD. SC	L (mm)	LED			SISTEMA-SYSTEM					
				W	lm	V	K	CRI	W	lm	lm/W	
<p>Mod SC 90x290 mm</p>		Br 43001-LBC	43001-LBC-SC	100	3W	150	220-240V (350mA)	3500	>80	4W	41,1	10,2
		Ga 43002-LBC	43002-LBC-SC									
<p>Mod SC 90x290 mm</p>		Br 43001-LBI	43001-LBI-SC	100	3W	245	220-240V (350mA)	6000	>80	4W	67,1	17
		Ga 43002-LBI	43002-LBI-SC									
* A richiesta - On request: apertura fascio - light beam 25°												
<p>Mod SC 90x290 mm</p>		Br 43001-LBL	43001-LBL-SC	100	3W	-	220-240V (350mA)	470nm	>80	-	-	-
		Ga 43002-LBL	43002-LBL-SC									

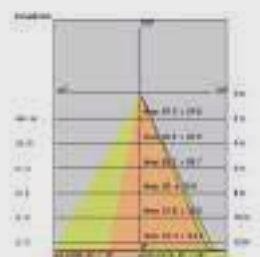
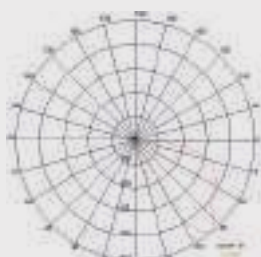
	Icona	MOD. SC	L (mm)	LED			SISTEMA-SYSTEM					
				W	lm	V	K	CRI	W	lm	lm/W	
<p>Mod SC 90x290 mm</p>		Br 43020-LBC	43020-LBC-SC	300	7W	210	220-240V (350mA)	3000	>80	8W	120	15
		Ga 43021-LBC	43021-LBC-SC									
<p>Mod SC 90x290 mm</p>		Br 43020-LBI	43020-LBI-SC	300	7W	270	220-240V (350mA)	6000	>80	8W	154	19
		Ga 43021-LBI	43021-LBI-SC									
<p>Mod SC 90x290 mm</p>		Br 43020-LBL	43020-LBL-SC	100	6x1,2W	-	220-240V (350mA)	470nm	>80	-	-	-
		Ga 43021-LBL	43021-LBL-SC									



IP 20
IP 20




3W
...-LBC
40°





* Lampada Dimmerabile - Dimmable lamp

Lampade Led111 Led111 Lamps										Alimentatori consigliati Recommended drivers		
Marca Brand	Codice Code	Watt	Volt mA	Attacco Socket	Fascio Beam	Lumen	Cd*	Kelvin	Vita Media Average Life	Codice Code	Watt	n° max lamp
OSRAM 	646338-830	26W	700mA	-	15°	2800	-	3000K	-	646349-I	30W	1
	646338-840	26W	700mA	-	15°	2800	-	4000K	-			
	646339-830	26W	700mA	-	24°	2300	-	3000K	-			
	646339-840	26W	700mA	-	24°	2500	-	4000K	-			
	646340-830	26W	700mA	-	40°	2300	-	3000K	-			
	646340-840	26W	700mA	-	40°	2500	-	4000K	-	646168-I	40W	1
	646347-830	37W	1050mA	-	24°	3300	-	3000K	-			
	646347-840	37W	1050mA	-	24°	3600	-	4000K	-			
	646348-830	37W	1050mA	-	40°	3300	-	3000K	-			
	646348-840	37W	1050mA	-	40°	3600	-	4000K	-			

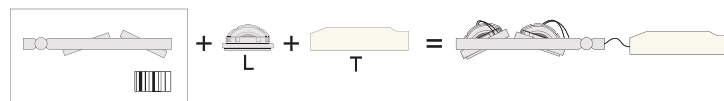


- Corpo in alluminio estruso.
- Anelli di alloggiamento ottiche in pressofusione di alluminio.
- Staffe con snodi e blocchi meccanici per la rotazione e l'orientabilità dell'intera struttura.
- Possibilità di installazione a soffitto o parete.
- Ottiche orientabili su giunto cardanico di +/-45° sul piano orizzontale-verticale.

- Body made of extruded aluminium.
- Die-cast aluminium optics trims.
- Brackets with swivels and mechanical locks for the rotation and adjustability of the entire fitting.
- Ceiling or wall mounting.
- Adjustable optics on universal joint, +/-45° on horizontal-vertical plane.

 428 x 208 x 40	Br 81201 Gr 81202	2,00 Kg	LED 111	2x		G53
 585 x 208 x 40	Br 81301 Gr 81302	2,60 Kg	LED 111	3x		G53
 428 x 371 x 40	Br 81401 Gr 81402	3,00 Kg	LED 111	4x		G53

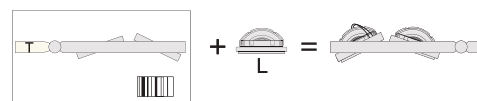
Gli apparecchi non sono muniti nè di lampada nè di alimentatore indipendente che potranno essere ordinati a SIDE a seconda del tipo di fascio e di potenza desiderata. The fittings are not equipped with led lamp neither independent driver. Both of them can be ordered to SIDE depending on the type of beam and the required power.



L LAMPADE LED CONSIGLIATE - RECOMMENDED LED LAMPS			
646339-830	26W	700mA	3000K
646347-830	37W	1050mA	3000K
T ALIMENTATORI CONSIGLIATI - RECOMMENDED DRIVERS			
646349-I	30W		
646168-I	40W		

 128 x 468 x 208 x 40	Br 82201 Gr 82202	2,50 Kg	LED 111	2x		G53
 128 x 625 x 208 x 40	Br 82301 Gr 82302	3,00 Kg	LED 111	3x		G53

L'apparecchio è munito di alimentatore compatibile per lampade LED111 PHILIPS e TOSHIBA che potranno essere ordinate a SIDE a seconda del tipo di fascio e di potenza desiderata. The fitting is equipped with a driver compatible with LED111 PHILIPS and TOSHIBA lamps which can be ordered to SIDE depending on the type of beam and the required power.



L LAMPADE LED CONSIGLIATE - RECOMMENDED LED LAMPS			
646339-830	26W	700mA	3000K
646347-830	37W	1050mA	3000K

Solo - Only PHILIPS LED 111







- Corpo in estruso di alluminio e bassetta in lamiera verniciata.
- Ottiche in alluminio.
- Vetro di protezione trasparente in borosilicato, viteria in acciaio.
- Verniciatura in polveri.

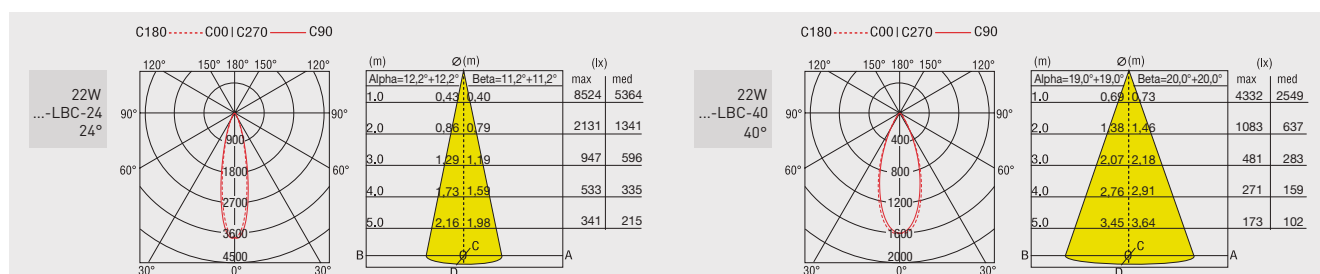
- Main structure made of extruded aluminium and painted metal base-plate .
- Pure aluminium optics.
- Borosilicate protection glass and steel fixing screws.
- Powder coated.

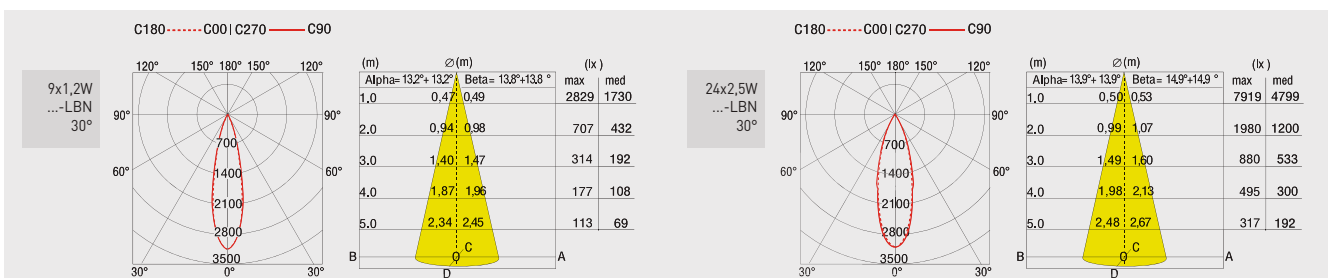


			LED					SISTEMA-SYSTEM				
			W	lm	V	K	CRI	W	lm	lm/W		
	Br 57150-LBC-24		26W	2760	220-240V (700mA)	3000	>80	30W	2539	85		
	Ne 57151-LBC-24		26W	2780	220-240V (700mA)	4000	>80	30W	2560	85		
	Ga 57152-LBC-24		26W	2760	220-240V (700mA)	3000	>80	30W	2565	85		
	Br 57150-LBN-24		26W	2780	220-240V (700mA)	4000	>80	30W	2585	86		
	Ne 57151-LBN-24		26W	2780	220-240V (700mA)	4000	>80	30W	2585	86		
	Ga 57152-LBN-24		26W	2780	220-240V (700mA)	4000	>80	30W	2585	86		
			Br 57150-LBC-40		26W	2760	220-240V (700mA)	3000	>80	30W	2565	85
			Ne 57151-LBC-40		26W	2760	220-240V (700mA)	3000	>80	30W	2565	85
			Ga 57152-LBC-40		26W	2760	220-240V (700mA)	3000	>80	30W	2565	85
			Br 57150-LBN-40		26W	2780	220-240V (700mA)	4000	>80	30W	2585	86
			Ne 57151-LBN-40		26W	2780	220-240V (700mA)	4000	>80	30W	2585	86
			Ga 57152-LBN-40		26W	2780	220-240V (700mA)	4000	>80	30W	2585	86



PARETE - PLAFONE - SOSPENSIONE • WALL - CEILING - SUSPENSION







VEGA XS - XL PARETE

- Corpo e struttura in estruso di alluminio verniciato in polveri epossidiche.
- Vano ottico in pressofusione di alluminio verniciato in polveri.
- Dissipatore passivo in estruso di alluminio ossidato nero.
- Ottica orientabile con lenti in metacrilato.
- Led durata utile: 50.000 (h) L80 B50.

- Housing and structure made of extruded aluminium painted in epoxy powder.
- Die-cast aluminium optic.
- Passive heatsink made of extruded aluminium.
- Adjustable optic with methacrylate lens.
- Led life: 50.000 (h) L80 B50.



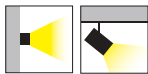
			LED					SISTEMA-SYSTEM						
			W	lm	V	K	CRI	W	lm	lm/W				
			VEGA XS PARETE		9x1,2W	970	220-240V (350mA)	3000	>80	11W	968	88	(30°)	
			Br	67783-LBC										67783-LBC-60
			Ne	67784-LBC										67784-LBC-60
	Gr	67785-LBC	67785-LBC-60											
			Br	67783-LBN	67783-LBN-60									
			Ne	67784-LBN	67784-LBN-60									
			Gr	67785-LBN	67785-LBN-60									



			VEGA XL PARETE		24x2,5W	2600	220-240V (700mA)	3000	>80	64W	2596	41	(30°)	
			Br	67793-LBC										67793-LBC-60
			Ne	67794-LBC										67794-LBC-60
	Gr	67795-LBC	67795-LBC-60											
			Br	67793-LBN	67793-LBN-60									
			Ne	67794-LBN	67794-LBN-60									
			Gr	67795-LBN	67795-LBN-60									







SOLARIS MINI MCL



- Corpo in pressofusione di alluminio.
- Verniciatura in polveri epossidiche con trattamento speciale per esterni.
- Riflettore in alluminio purissimo, finitura PVD.
- Vetro di protezione chiaro serigrafato temprato.
- Guarnizioni e passacavo in gomma siliconica.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.

- Body in die-cast aluminium.
- Epoxy powder coated painting with special treatment for outdoors.
- Pure aluminium reflector, PVD finish.
- Tempered light protection glass.
- Silicon rubber gaskets and cable gland.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.

			LED				SISTEMA-SYSTEM				
			W	lm	V	K	CRI	W	lm	lm/W	
PARETE - WALL 2,00 Kg	Br	67960-LBC	67966-LBC	11,5W	1840	220-240V (350mA)	3000	>80	14,4W	1440	100
	Ne	67961-LBC	67967-LBC								
	Gr	67962-LBC	67968-LBC								
	Br	67960-LBN	67966-LBN	11,5W	1950	220-240V (350mA)	4000	>80	14,4W	1550	104
	Ne	67961-LBN	67967-LBN								
	Gr	67962-LBN	67968-LBN								
	Br	67960-LBC-DA	67966-LBC-DA	11,5W	1840	220-240V (350mA)	3000	>80	14,4W	1440	100
	Ne	67961-LBC-DA	67967-LBC-DA								
	Gr	67962-LBC-DA	67968-LBC-DA								
	Br	67960-LBN-DA	67966-LBN-DA	11,5W	1950	220-240V (350mA)	4000	>80	14,4W	1500	104
	Ne	67961-LBN-DA	67967-LBN-DA								
	Gr	67962-LBN-DA	67968-LBN-DA								

			LED				SISTEMA-SYSTEM				
			W	lm	V	K	CRI	W	lm	lm/W	
BINARIO - TRACK 2,00 Kg	Br	67963-LBC	67969-LBC	11,5W	1840	220-240V (350mA)	3000	>80	13,5W	1370	101
	Ne	67964-LBC	67970-LBC								
	Gr	67965-LBC	67971-LBC								
	Br	67963-LBN	67969-LBN	11,5W	1950	220-240V (350mA)	4000	>80	13,5W	1380	102
	Ne	67964-LBN	67970-LBN								
	Gr	67965-LBN	67971-LBN								
	Br	67963-LBC-DA	67969-LBC-DA	11,5W	1840	220-240V (350mA)	3000	>80	13,5W	1370	101
	Ne	67964-LBC-DA	67970-LBC-DA								
	Gr	67965-LBC-DA	67971-LBC-DA								
	Br	67963-LBN-DA	67969-LBN-DA	11,5W	1950	220-240V (350mA)	4000	>80	13,5W	1380	102
	Ne	67964-LBN-DA	67970-LBN-DA								
	Gr	67965-LBN-DA	67971-LBN-DA								





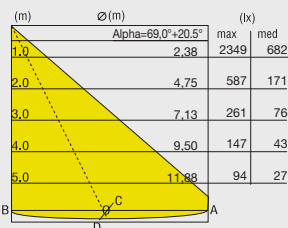
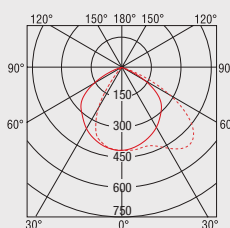
IP 65
IK 06

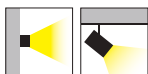


inside outside

C180 - - - - C00 | C270 - - - - C90

40W
...-LBC
AS





- Corpo in pressofusione di alluminio.
- Verniciatura in polveri epossidiche con trattamento speciale per esterni.
- Riflettore in alluminio purissimo, finitura PVD.
- Vetro di protezione chiaro serigrafato temprato.
- Guarnizioni e passacavo in gomma silconica.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.



- Body in die-cast aluminium.
- Epoxy powder coated painting with special treatment for outdoors.
- Pure aluminium reflector, PVD finish.
- Tempered light protection glass.
- Silicon rubber gaskets and cable gland.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.

		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
PARETE - WALL 	Br 67950-LBC Ne 67951-LBC Gr 67952-LBC	40W	5880	220-240V (600mA)	3000	>80	44W	5350	121
	Br 67950-LBN Ne 67951-LBN Gr 67952-LBN	40W	6260	220-240V (600mA)	4000	>80	44W	5630	128
	/PUSH 3,00kg								
	Br 67950-LBC-DA Ne 67951-LBC-DA Gr 67952-LBC-DA	40W	5880	220-240V (600mA)	3000	>80	44W	5350	121
	Br 67950-LBN-DA Ne 67951-LBN-DA Gr 67952-LBN-DA	40W	6260	220-240V (600mA)	4000	>80	44W	5630	128

BINARIO - TRACK 	Br 67953-LBC Ne 67954-LBC Gr 67955-LBC	40W	5880	220-240V (600mA)	3000	>80	44W	5350	121
	Br 67953-LBN Ne 67954-LBN Gr 67955-LBN	40W	6260	220-240V (600mA)	4000	>80	44W	5630	128
	/PUSH 3,00kg								
	Br 67953-LBC-DA Ne 67954-LBC-DA Gr 67955-LBC-DA	40W	5880	220-240V (600mA)	3000	>80	44W	5350	121
	Br 67953-LBN-DA Ne 67954-LBN-DA Gr 67955-LBN-DA	40W	6260	220-240V (600mA)	4000	>80	44W	5630	128



OP. A richiesta - On request: **CRI > 90**
 classe - class
 disponibile - available **DIM 1+ 10V**





SINDI 60 PLAFONE

- Corpo in pressofusione di alluminio verniciato in polveri.
- Schermo di protezione in policarbonato.
- Led durata utile: 50.000 (h) L80 B10.
- Body made of die-cast aluminium powder coated.
- Protection screen in polycarbonate.
- Led life: 50.000 (h) L80 B10.



		LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W	
		Br 2868-LBC-P	9W	1100	220-240V (250mA)	3000	>80	10W	480	48
		Ne 2869-LBC-P								
		Gr 2870-LBC-P								
		Br 2868-LBN-P	9W	1200	220-240V (250mA)	4000	>80	10W	530	53
		Ne 2869-LBN-P								
		Gr 2870-LBN-P								

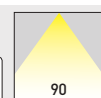
OP. A richiesta - On request: **CRI > 90**

Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**
 disponibili alimentatori - available drivers DIM PUSH/1±10V

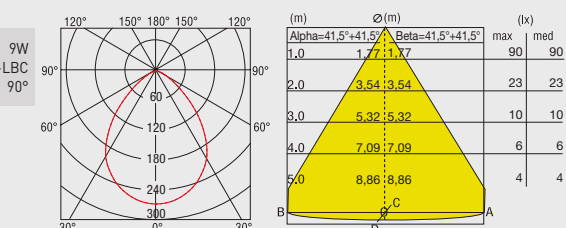


PARETE - PLAFONE - SOSPENSIONE • WALL - CEILING - SUSPENSION

IP 54



C180-----C00|C270-----C90







SINDI 100 PLAFONE

- Corpo in pressofusione di alluminio verniciato in polveri.
- Schermo di protezione in policarbonato.
- Led durata utile: 50.000 (h) L90 B20.
- Body made of die-cast aluminium powder coated.
- Protection screen in polycarbonate.
- Led life: 50.000 (h) L90 B20.



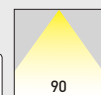
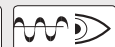
		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
 	Br 2860-LBC-P Ne 2861-LBC-P Gr 2862-LBC-P	11,5W	1840	220-240V (350mA)	3000	>80	13,5W	1141	85
	Br 2860-LBN-P Ne 2861-LBN-P Gr 2862-LBN-P	11,5W	1950	220-240V (350mA)	4000	>80	13,5W	1209	90

OP. A richiesta - On request: **CRI > 90**

Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**
 disponibili alimentatori - available drivers DIM PUSH/1÷10V

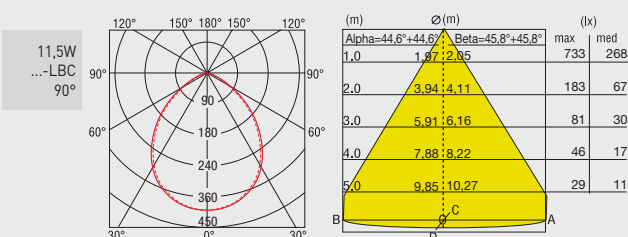


IP 54



inside outside

C180 C00 | C270 — C90



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color





- Corpo, staffe e cornice in metallo verniciato.
- Ghiera in alluminio pressofuso.
- Gruppo ottico orientabile.
- Housing, bracket and frame of painted metal.
- Trim of die-cast aluminium.
- Adjustable optics.

 	Br 64001 Gr 64002	LED 111	1x

SKGZ 4,10

 	Br 64007 Gr 64008	LED 111	2x

SKGZ 6,30

 	Br 64015 Gr 64016	LED 111	3x

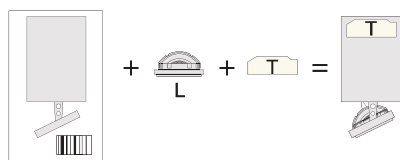
SKGZ 8,90

 	Br 64025 Gr 64026	LED 111	4x

SKGZ 12,30



L'apparecchio non è munito di alimentatore e di lampade LED 111 che potranno essere ordinate a SIDE a seconda del tipo di fascio e di potenza desiderata. The fitting is not equipped with a driver and LED 111 lamps which can be ordered to SIDE depending on the type of beam and the required power.



L LAMPADRE LED CONSIGLIATE - RECOMMENDED LED LAMPS			
646339-830	26W	700mA	3000K
646347-830	37W	1050mA	3000K
T ALIMENTATORI CONSIGLIATI - RECOMMENDED DRIVERS			
646349-I	30W		
646168-I	40W		



LED JOINT



- Corpo e ghiera in alluminio verniciato.
- Lente in metacrilato.
- Painted aluminium body and trim.
- Methacrylate lens.



					L (mm)					
	Bi	LFX102-SNDLBC			300	1x1,2W 1x2W	80-98 ■	350mA 500mA	3000	>80
	Ne	LFX103-SNDLBC								
	Gi	LFX119-SNDLBC								
	Bi	LFX102-SNDLBI			300	1x1,2W 1x2W	100-150 ■	350mA 500mA	6000	>80
	Ne	LFX103-SNDLBI								
	Gi	LFX119-SNDLBI								
	Bi	LFX102-SNDLBL			300	1x1,2W 1x2W	-	350mA 500mA	470nm	>80
	Ne	LFX103-SNDLBL								
	Gi	LFX119-SNDLBL								

■ Il parametro più basso si riferisce sempre alla potenza inferiore - The lowest value is always referred to the lowest watt

OP. *A richiesta - On request: apertura fascio - light beam

IP 20



- Corpo e ghiera in alluminio verniciato.
- Lente in metacrilato.
- Completamente snodabile.

- Painted aluminium body and trim.
- Methacrylate lens.
- Completely adjustable.



	L (mm)	LED					SISTEMA-SYSTEM				
		W	lm	V	K	CRI	W	lm	lm/W		
	Bi LFX202-300LBC Ne LFX203-300LBC Gi LFX219-300LBC	300	1x1,2W	80	230V (350mA)	3000	>80	2,2W	72	33	
		Bi LFX202-300LBI Ne LFX203-300LBI Gi LFX219-300LBI	300	1x1,2W	100	230V (350mA)	6000	>80	2,2W	90	41
		Bi LFX202-300LBL Ne LFX203-300LBL Gi LFX219-300LBL	300	1x1,2W	-	230V (350mA)	470nm	>80	2,2W	-	-
		Bi LFX202-500LBC Ne LFX203-500LBC Gi LFX219-500LBC	500	1x1,2W	80	230V (350mA)	3000	>80	2,2W	72	33
		Bi LFX202-500LBI Ne LFX203-500LBI Gi LFX219-500LBI	500	1x1,2W	100	230V (350mA)	6000	>80	2,2W	90	41
		Bi LFX202-500LBL Ne LFX203-500LBL Gi LFX219-500LBL	500	1x1,2W	-	230V (350mA)	470nm	>80	2,2W	-	-
		Bi LFX102-300LBC Ne LFX103-300LBC Gi LFX119-300LBC	300	1x1,2W 1x2W	80-98	350mA 500mA	3000	>80	1,2W 2W	72 88	60 44
		Bi LFX102-300LBI Ne LFX103-300LBI Gi LFX119-300LBI	300	1x1,2W 1x2W	100-150	350mA 500mA	6000	>80	1,2W 2W	90 135	75 68
		Bi LFX102-300LBL Ne LFX103-300LBL Gi LFX119-300LBL	300	1x1,2W 1x2W	-	350mA 500mA	470nm	>80	1,2W 2W	-	-
		Bi LFX102-500LBC Ne LFX103-500LBC Gi LFX119-500LBC	500	1x1,2W 1x2W	80-98	350mA 500mA	3000	>80	1,2W 2W	72 88	64 44
		Bi LFX102-500LBI Ne LFX103-500LBI Gi LFX119-500LBI	500	1x1,2W 1x2W	100-150	350mA 500mA	6000	>80	1,2W 2W	90 135	75 68
		Bi LFX102-500LBL Ne LFX103-500LBL Gi LFX119-500LBL	500	1x1,2W 1x2W	-	350mA 500mA	470nm	>80	1,2W 2W	-	-

■ Il parametro più basso si riferisce sempre alla potenza inferiore
The lowest value is always referred to the lowest watt

OP. *A richiesta - On request: apertura fascio - light beam



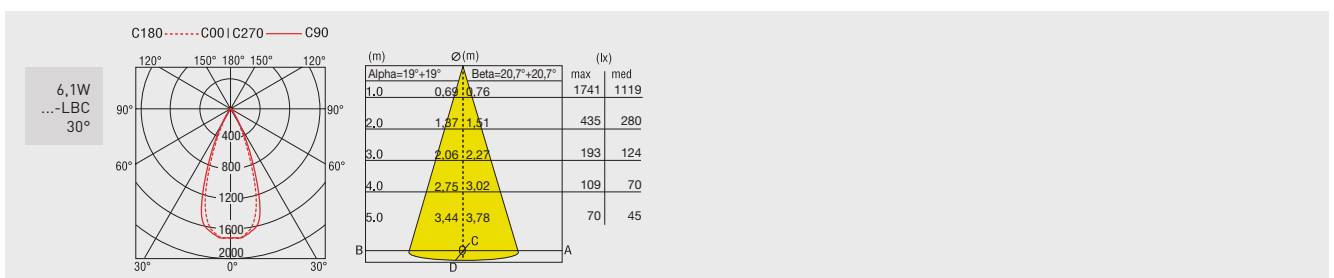
PARETE - PLAFONE - SOSPENSIONE • WALL - CEILING - SUSPENSION



*In fase di approvazione - Under approval



inside

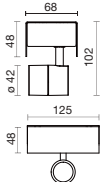

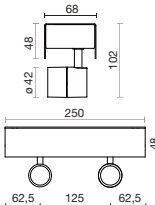

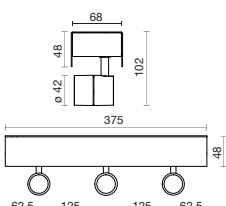

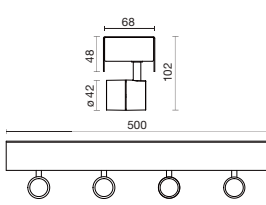







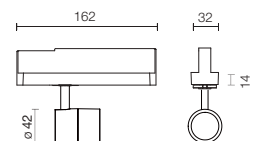
BEND MICRO

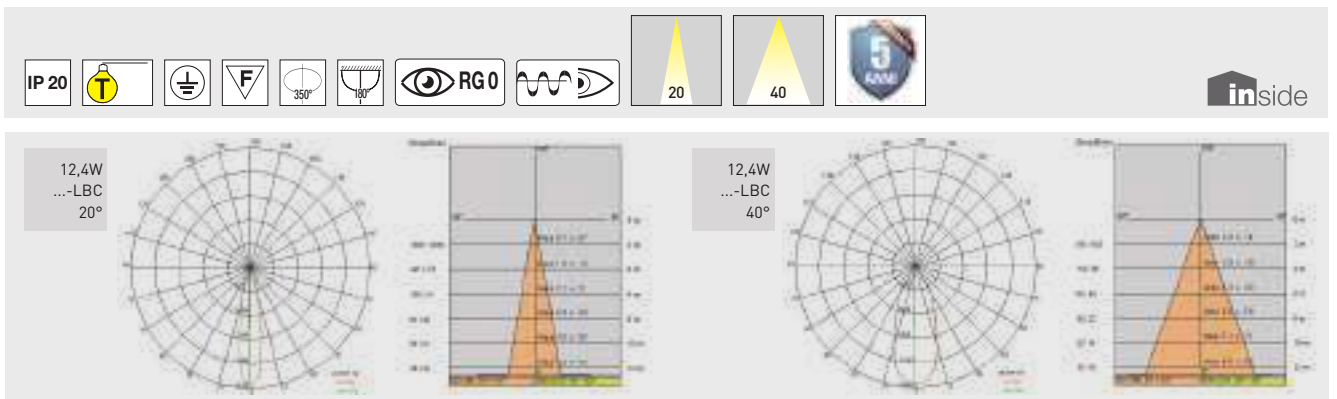


- Box e coperchio in acciaio verniciato.
 - Corpo a vano ottico in pressofusione di alluminio verniciato.
 - Alimentatore elettronico.
 - Riflettore in alluminio purissimo, metallizzato in alto vuoto.
 - Led durata utile: 50.000 (h) L90 B50.
 - Costanza cromatica: 3 SDCM.
- Painted steel box and cap.
 - Housing optic tray made of die-cast aluminium powder coated.
 - Electronic driver.
 - High purity aluminium reflector, high vacuum metallized.
 - Led life: 50.000 (h) L90 B50.
 - Chromatic constancy: 3 SDCM.

		LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W	
	VERSIONE 1 LED - 1 LED VERSION Br 67360-LBC Ne 67361-LBC Ga 67362-LBC	 0,50	5,2W	700	220-240V (150mA)	3000	>80	6,2W	595	96
	Br 67360-LBN Ne 67361-LBN Ga 67362-LBN		6,1W	660	220-240V (350mA)	4000	>80	7,1W	561	79
	VERSIONE 2 LED - 2 LED VERSION Br 67365-LBC Ne 67366-LBC Ga 67367-LBC	 1,00	10,4W	1400	220-240V (150mA)	3000	>80	11,4W	1198	104
	Br 67365-LBN Ne 67366-LBN Ga 67367-LBN		12,2W	1320	220-240V (350mA)	4000	>80	13,2W	1122	85
	VERSIONE 3 LED - 3 LED VERSION Br 67370-LBC Ne 67371-LBC Ga 67372-LBC	 1,40	15,6W	2100	220-240V (150mA)	3000	>80	17,6W	1785	101
	Br 67370-LBN Ne 67371-LBN Ga 67372-LBN		18,3W	1980	220-240V (350mA)	4000	>80	21,3W	1684	79
	VERSIONE 4 LED - 4 LED VERSION Br 67375-LBC Ne 67376-LBC Ga 67377-LBC	 1,80	20,8W	2800	220-240V (150mA)	3000	>80	23,8W	2380	100
	Br 67375-LBN Ne 67376-LBN Ga 67377-LBN		24,4W	2640	220-240V (350mA)	4000	>80	27,4W	2245	82
	VERSIONE BASETTA TONDA - ROUND BASE VERSION Br 67380-LBC Ne 67381-LBC Ga 67382-LBC	 0,25	5,2W	610	220-240V (150mA)	3000	>80	6,2W	595	96
	Br 67380-LBN Ne 67381-LBN Ga 67382-LBN		6,1W	660	220-240V (350mA)	4000	>80	7,1W	561	79

ACC. A richiesta - On request: BEND MICRO SLIM per binario 3 fasi - for 3 phase track







BEND MINI



- Corpo e vano ottico in pressofusione di alluminio verniciato.
- Box e coperchio in acciaio verniciato.
- Alimentatore elettronico .
- Riflettore in policarbonato metallizzato a specchio.
- Led durata utile: 50.000 (h) L80 B20.
- Costanza cromatica: 3 SDCM.

- Body and optic tray made of die-cast aluminium powder coated.
- Painted steel box and cap.
- Electronic driver.
- Polycarbonate reflector mirrored metallized .
- Led life: 50.000 (h) L80 B20.
- Chromatic constancy: 3 SDCM.

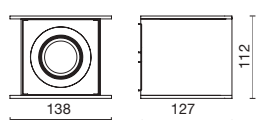
			LED					SISTEMA-SYSTEM					
			W	lm	V	K	CRI	W	lm	lm/W			
		VERSIONE 1 LED - 1 LED VERSION		12,4W	1580	220-240V (350mA)	3000	>80	14,4W	1390	97	[20°] [40°]	
		Br	67383-LBC-20										67383-LBC-40
		Ne	67384-LBC-20										67384-LBC-40
		Gr	67385-LBC-20										67385-LBC-40
		Br	67383-LBN-20										67383-LBN-40
		Ne	67384-LBN-20										67384-LBN-40
Gr	67385-LBN-20	67385-LBN-40											
		VERSIONE 2 LED - 2 LED VERSION		24,8W	3160	220-240V (350mA)	3000	>80	26,8W	2780	104	[20°] [40°]	
		Br	67386-LBC-20										67386-LBC-40
		Ne	67387-LBC-20										67387-LBC-40
		Gr	67388-LBC-20										67388-LBC-40
		Br	67386-LBN-20										67386-LBN-40
		Ne	67387-LBN-20										67387-LBN-40
Gr	67388-LBN-20	67388-LBN-40											
		VERSIONE 3 LED - 3 LED VERSION		37,2W	4740	220-240V (350mA)	3000	>80	39,2W	4170	106	[20°] [40°]	
		Br	67389-LBC-20										67389-LBC-40
		Ne	67390-LBC-20										67390-LBC-40
		Gr	67391-LBC-20										67391-LBC-40
		Br	67389-LBN-20										67389-LBN-40
		Ne	67390-LBN-20										67390-LBN-40
Gr	67391-LBN-20	67391-LBN-40											
		VERSIONE 4 LED - 4 LED VERSION		49,6W	6320	220-240V (350mA)	3000	>80	51,6W	5560	107	[20°] [40°]	
		Br	67392-LBC-20										67392-LBC-40
		Ne	67393-LBC-20										67393-LBC-40
		Gr	67394-LBC-20										67394-LBC-40
		Br	67392-LBN-20										67392-LBN-40
		Ne	67393-LBN-20										67393-LBN-40
Gr	67394-LBN-20	67394-LBN-40											



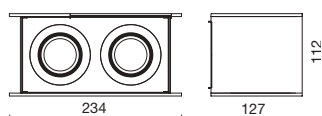
- Corpo in lamiera di acciaio verniciato.
- Verniciatura in polveri epossidiche con trattamento speciale per esterni.
- Lente in metacrilato.
- Schermi in metacrilato.
- Body in steel painted.
- Coating in epoxy powder with special treatment for outdoor use.
- Methacrylate lens.
- Methacrylate diffuser.



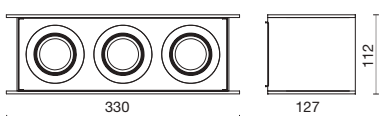
	MONOLAMPADA - ONE LAMP	LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	1.50 Br D2120 Ne D2121 Bw D2123	12W	680	220-240V (500mA)	3000	>80	14W	680	48



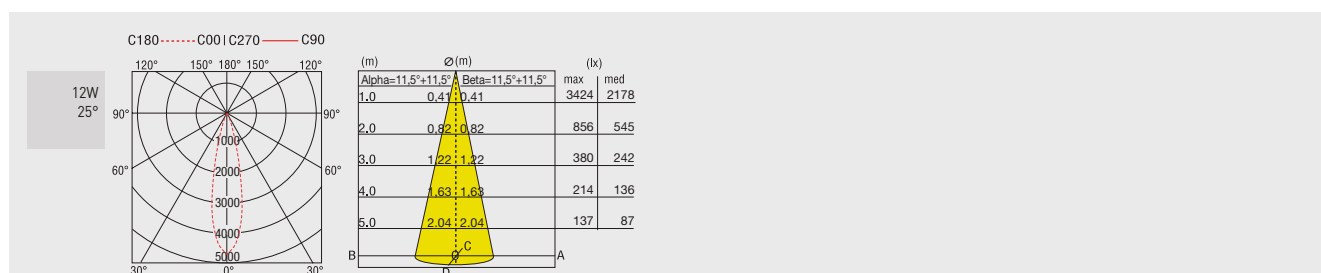
	BILAMPADA - DOUBLE LAMP	LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	3.00 Br D2125 Ne D2126 Bw D2127	24W	2x680	220-240V (500mA)	3000	>80	28W	1360	48





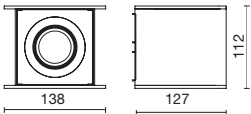

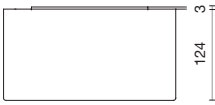
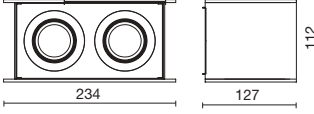

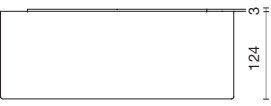
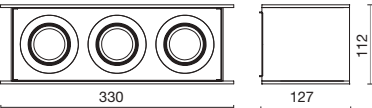

	TRILAMPADA - TRIPLE LAMP	LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	4.50 Br D2130 Ne D2131 Bw D2133	36W	3x680	220-240V (500mA)	3000	>80	42W	2040	48



sidesign COLLECTION





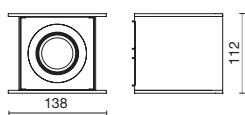
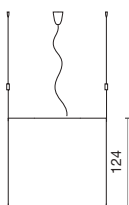
LED COB		LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W	
 	 MONOLAMPADA - ONE LAMP Br D2120-C Ne D2121-C Bw D2123-C	1 LED	12,9W	1430	220-240V (350mA)	3000	>80	14,9W	1430	96
 	 BILAMPADA - DOUBLE LAMP Br D2125-C Ne D2126-C Bw D2127-C	2 LED	2x12,9W	1430	220-240V (350mA)	3000	>80	29,8W	2860	96
 	 TRILAMPADA - TRIPLE LAMP Br D2130-C Ne D2131-C Bw D2133-C	3 LED	2x12,9W	1430	220-240V (350mA)	3000	>80	42,7W	4290	100



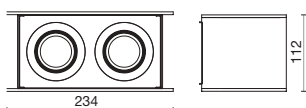
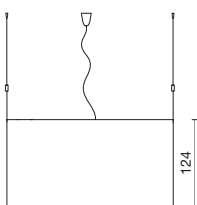
- Corpo in lamiera di acciaio verniciato.
- Verniciatura in polveri epossidiche con trattamento speciale per esterni.
- Lente in metacrilato.
- Schermi in metacrilato.
- Body in steel painted.
- Coating in epoxy powder with special treatment for outdoor use.
- Methacrylate lens.
- Methacrylate diffuser.



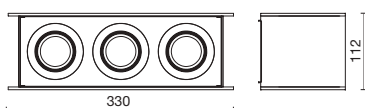
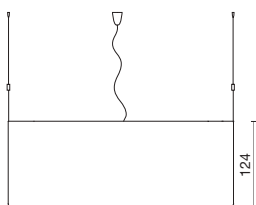
	LED	SISTEMA-SYSTEM			
		W	lm	lm/W	
	MONOLAMPADA - ONE LAMP Br D2120-S Ne D2121-S Bw D2123-S	1 LED	12W 680	220-240V (500mA) 3000 >80	14W 680 48



	BILAMPADA - DOUBLE LAMP Br D2125-S Ne D2126-S Bw D2127-S	2 LED	24W 2x680	220-240V (500mA) 3000 >80	28W 1360 48
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	TRILAMPADA - TRIPLE LAMP Br D2130-S Ne D2131-S Bw D2133-S	3 LED	36W 3x680	220-240V (500mA) 3000 >80	42W 2040 48
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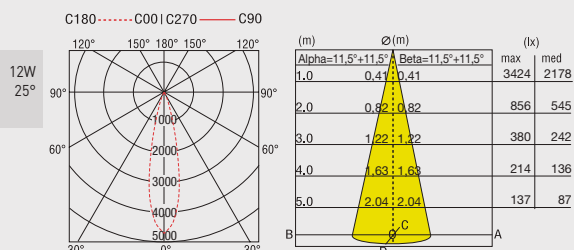
IP 20



RG0



sidesign COLLECTION





LED COB



LED

SISTEMA-SYSTEM

(W) (lm) (V) (K) (CRI) (W) (lm) (lm/W)

MONOLAMPADA - ONE LAMP

1,50 kg

Br D2120-C-S
Ne D2121-C-S
Bw D2123-C-S

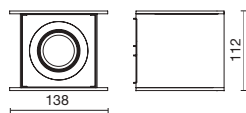
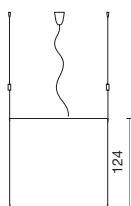
1 LED

12,9W 1430

220-240V
(350mA)

3000 >80

14,9W 1430 96



BILAMPADA - DOUBLE LAMP

3,00 kg

Br D2125-C-S
Ne D2126-C-S
Bw D2127-C-S

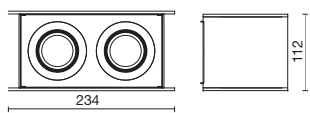
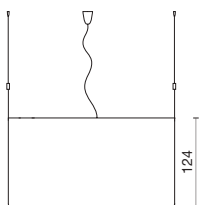
2 LED

2x12,9W 1430

220-240V
(350mA)

3000 >80

29,8W 2860 96



TRILAMPADA - TRIPLE LAMP

4,50 kg

Br D2130-C-S
Ne D2131-C-S
Bw D2133-C-S

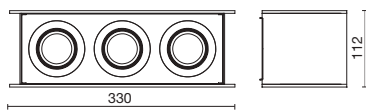
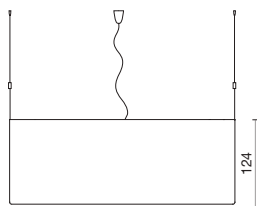
3 LED

2x12,9W 1430

220-240V
(350mA)

3000 >80

42,7W 4290 100



CUBIK

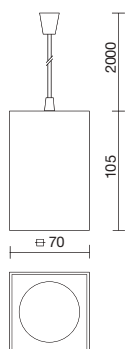


- Corpo in estruso di alluminio.
- Verniciatura in polveri.
- Piastra di aggancio a soffitto in lamiera verniciata.

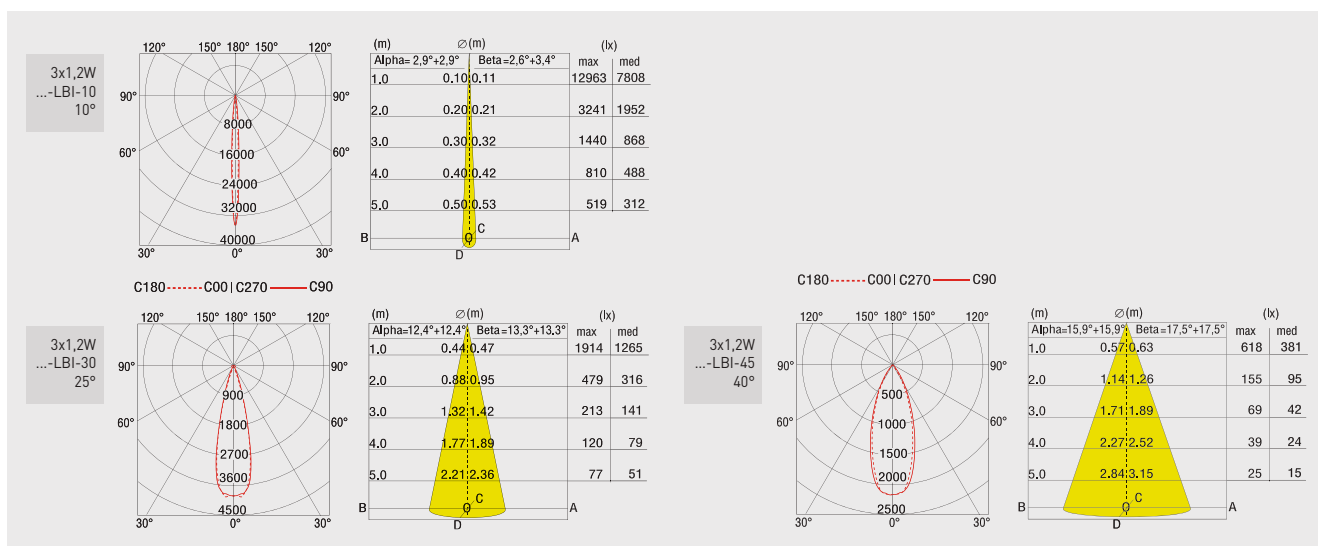
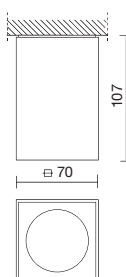
- Body made of extruded die-cast aluminium.
- Powder coated.
- Ceiling fixing plate made of painted sheet.



	10 25 40			LED					SISTEMA-SYSTEM		
	W	lm	V	K	CRI	W	lm	lm/W			
SOSPENSIONE - SUSPENSION											
Bi 57165-LBC-10	57165-LBC-30	57165-LBC-45	3x1,2W	240	220-240V (350mA)	3000	>80	4,6W	240	52	
Ne 57166-LBC-10	57166-LBC-30	57166-LBC-45	3x1,2W	300	220-240V (350mA)	6000	>80	4,6W	300	65	
Ga 57167-LBC-10	57167-LBC-30	57167-LBC-45	3x1,2W	-	220-240V (350mA)	470nm	>80	4,6W	-	-	



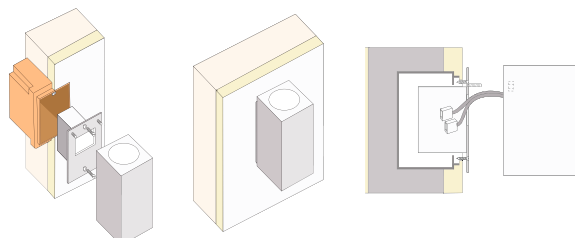
	10 25 40			LED					SISTEMA-SYSTEM		
	W	lm	V	K	CRI	W	lm	lm/W			
PLAFONE - CEILING											
Bi 57168-LBC-10	57168-LBC-30	57168-LBC-45	3x1,2W	240	220-240V (350mA)	3000	>80	4,6W	240	52	
Ne 57169-LBC-10	57169-LBC-30	57169-LBC-45	3x1,2W	300	220-240V (350mA)	6000	>80	4,6W	300	65	
Ga 57170-LBC-10	57170-LBC-30	57170-LBC-45	3x1,2W	-	220-240V (350mA)	470nm	>80	4,6W	-	-	





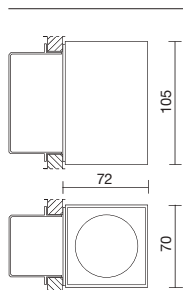
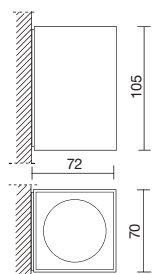
- Corpo in estruso di alluminio.
- Verniciatura in polveri.
- Piastra di aggancio a soffitto in lamiera verniciata.

- Body made of extruded die-cast aluminium.
- Powder coated.
- Ceiling fixing plate made of painted sheet.



Schema di montaggio a parete per versione biemissione (scatola elettrica tipo 503 in dotazione con l'apparecchio).
Wall fixing scheme for biemission version (electrical box type 503 supplied with the fitting).

				LED		SISTEMA-SYSTEM					
	10	25	40	W	lm	V	K	CRI	W	lm	lm/W
PARETE MONO EMISSIONE - WALL MONO EMISSION											
Bi	57171-LBC-10	57171-LBC-30	57171-LBC-45	3x1,2W	240	220-240V (700mA)	3000	>80	4,6W	240	60
Ne	57172-LBC-10	57172-LBC-30	57172-LBC-45								
Ga	57173-LBC-10	57173-LBC-30	57173-LBC-45								
PARETE DOPIA EMISSIONE - WALL DOUBLE EMISSION											
Bi	57171-LBI-10	57171-LBI-30	57171-LBI-45	3x1,2W	300	220-240V (700mA)	6000	>80	4,6W	300	75
Ne	57172-LBI-10	57172-LBI-30	57172-LBI-45								
Ga	57173-LBI-10	57173-LBI-30	57173-LBI-45								
PARETE TRIPLO EMISSIONE - WALL TRIPLE EMISSION											
Bi	57171-LBL-10	57171-LBL-30	57171-LBL-45	3x1,2W	-	220-240V (700mA)	470nm	>80	4,6W	-	-
Ne	57172-LBL-10	57172-LBL-30	57172-LBL-45								
Ga	57173-LBL-10	57173-LBL-30	57173-LBL-45								

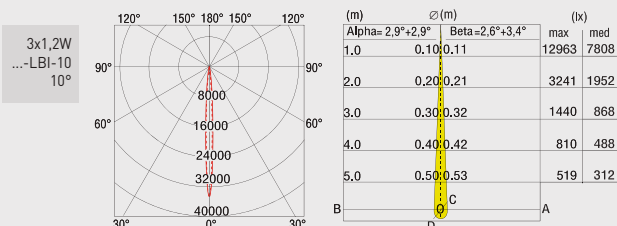


PARETE DOPIA EMISSIONE - WALL DOUBLE EMISSION											
Bi	57174-LBC-10	57174-LBC-30	57174-LBC-45	6x1,2W	2x240	220-240V (700mA)	3000	>80	8,2W	480	59
Ne	57175-LBC-10	57175-LBC-30	57175-LBC-45								
Ga	57176-LBC-10	57176-LBC-30	57176-LBC-45								
PARETE TRIPLO EMISSIONE - WALL TRIPLE EMISSION											
Bi	57174-LBI-10	57174-LBI-30	57174-LBI-45	6x1,2W	2x300	220-240V (700mA)	6000	>80	8,2W	600	73
Ne	57175-LBI-10	57175-LBI-30	57175-LBI-45								
Ga	57176-LBI-10	57176-LBI-30	57176-LBI-45								
PARETE QUADRUPLA EMISSIONE - WALL QUADRUPLA EMISSION											
Bi	57174-LBL-10	57174-LBL-30	57174-LBL-45	6x1,2W	-	220-240V (700mA)	470nm	>80	8,2W	-	-
Ne	57175-LBL-10	57175-LBL-30	57175-LBL-45								
Ga	57176-LBL-10	57176-LBL-30	57176-LBL-45								

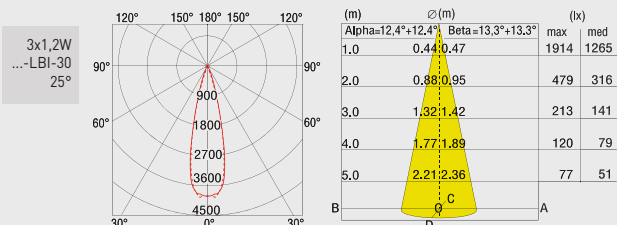
IP 20



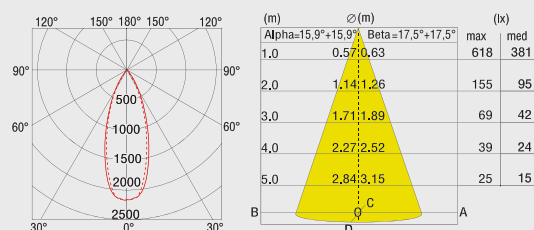
inside

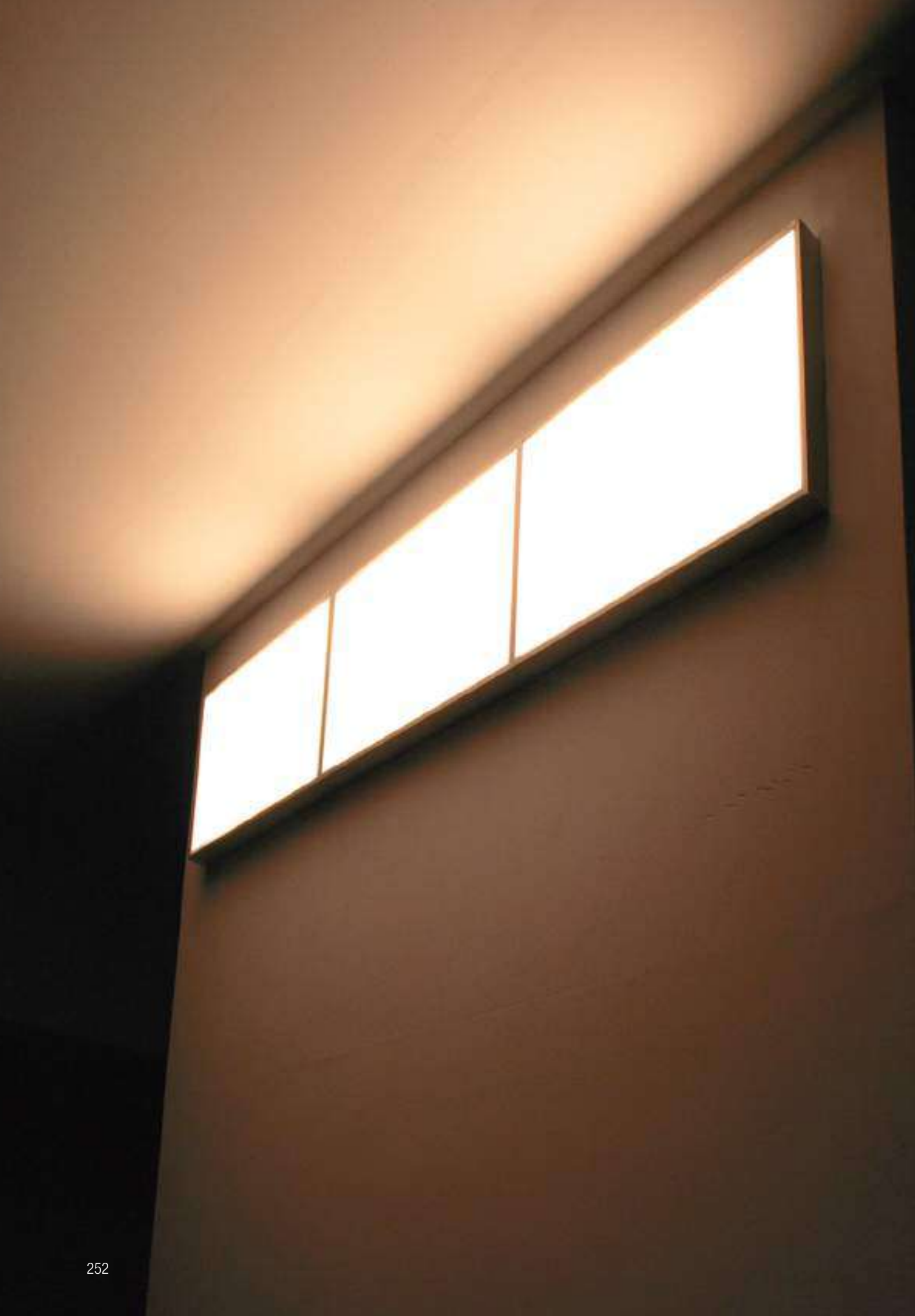


C180 C00 | C270 — C90



C180 C00 | C270 — C90







QUADRANT

- Corpo in estruso di alluminio satinato.
- Schermo diffusore a filo in policarbonato opale da 6 mm non asportabile.
- Predisposto per illuminazione solo diretta.
- Completo di kit di sospensione con 4 cavi lunghezza 2 m. con sistema di regolazione micrometrica e cavo di alimentazione.

- Body made of extruded aluminium satin finished.
- Fixed 6 mm opal diffuser.
- Suitable for direct light distribution.
- Complete of suspension kit with cables length 2 m. each with micrometric adjustment system and power cable.

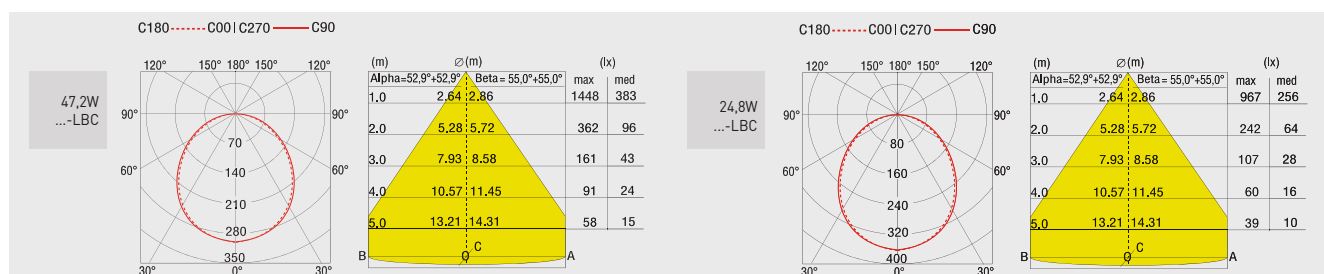


	PARETE E SOFFITTO - WALL AND CEILING	LED					SISTEMA-SYSTEM		
		(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)
	Als QDR40-P-LBC	tot. 11,8W	1150	220-240V (350mA)	3000	>80	13,8W	736	53
	Als QDR40-P-LBN								
	SOSPENSIONE - SUSPENSION	tot. 11,8W	1150	220-240V (350mA)	3000	>80	13,8W	736	57
	Als QDR40-LBC								

	PARETE E SOFFITTO - WALL AND CEILING	LED					SISTEMA-SYSTEM		
		(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)
	Als QDR60-LBC-P	tot. 47,2W	4600	220-240V (350mA)	3000	>80	51,2W	2944	58
	Als QDR60-LBI-P								
	SOSPENSIONE - SUSPENSION	tot. 47,2W	4600	220-240V (350mA)	3000	>80	51,2W	2944	58
	Als QDR60-LBC								

	PARETE E SOFFITTO - WALL AND CEILING	LED					SISTEMA-SYSTEM		
		(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)
	Als QDR27-P-LBC	25,2W	3376	220-240V (350mA)	3000	>80	29,2W	1751	60
	Als QDR27-P-LBN								
	SOSPENSIONE - SUSPENSION	25,2W	3376	220-240V (350mA)	3000	>80	29,2W	1751	60
	Als QDR27-LBC								

PARETE - PLAFONE - SOSPENSIONE • WALL - CEILING - SUSPENSION



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color

BIG PLAFONE 270



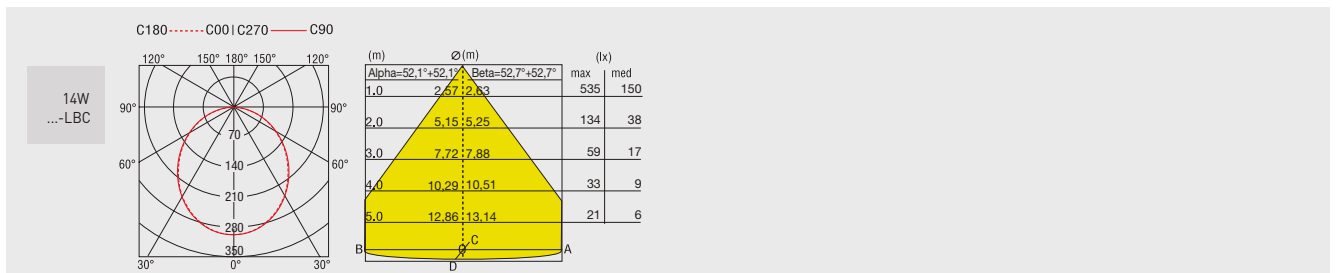
- Verniciatura per interni in polveri epossidiche.
- Disco fissaggio e dissipazione Led in alluminio.
- Diffusore in metacrilato bi-satinato.
- Morsetto ad innesto rapido per collegamento cavo di rete.
- Schermo diffusore in metacrilato bi-satinato.
- Struttura interna in lamiera di acciaio pre-zincata.
- Pressacavo in gomma siliconica.
- Led durata utile: 50.000 (h) L70 B10.
- **UGR <19 su richiesta.**

- Indoor epoxy powder painting.
- Aluminium fixing disk and Led dissipation.
- Bi-satin methacrylate diffuser.
- Quick connect terminal for connecting the network cable.
- Bi-satin methacrylate lower diffuser.
- Indoor pre galvanized steel sheet structure.
- Cable gland in silicon rubber.
- Led life: 50.000 (h) L70 B10.
- **UGR <19 on request.**

	LED	SISTEMA-SYSTEM							
		W	lm	(lm)					
Br 5505P-LBC Ne 5506P-LBC Ga 5507P-LBC	14W 1800	220-240V (500mA)	3000	>80	16W	1443	90		
Br 5505P-LBN Ne 5506P-LBN Ga 5507P-LBN	14W 1950	220-240V (500mA)	4000	>80	16W	1563	98		
DIMM 1÷10V									
Br 5505P-LBC-DIM Ne 5506P-LBC-DIM Ga 5507P-LBC-DIM	14W 1800	220-240V (500mA)	3000	>80	16W	1443	90		
Br 5505P-LBN-DIM Ne 5506P-LBN-DIM Ga 5507P-LBN-DIM	14W 1950	220-240V (500mA)	4000	>80	16W	1563	98		
Sa emergenza - emergency									
Br 5505P-LBC-EM1 Ne 5506P-LBC-EM1 1h Ga 5507P-LBC-EM1	14W 1800	220-240V (500mA)	3000	>80	16W	1443	90		
Br 5505P-LBN-EM1 Ne 5506P-LBN-EM1 1h Ga 5507P-LBN-EM1	14W 1950	220-240V (500mA)	4000	>80	16W	1563	98		
Br 5505P-LBC-DA Ne 5506P-LBC-DA Ga 5507P-LBC-DA	14W 1800	220-240V (500mA)	3000	>80	16W	1443	90		
Br 5505P-LBN-DA Ne 5506P-LBN-DA Ga 5507P-LBN-DA	14W 1950	220-240V (500mA)	4000	>80	16W	1563	98		

OP. A richiesta - On request:





ACC. 409600 Schermo DIAMOND PRISM per versione UGR <19 - DIAMOND PRISM diffuser for UGR <19 version





- Verniciatura per interni in polveri epossidiche.
- Disco fissaggio e dissipazione Led in alluminio.
- Diffusore in metacrilato bi-satinato.
- Morsetto ad innesto rapido per collegamento cavo di rete.
- Schermo diffusore in metacrilato bi-satinato.
- Struttura interna in lamiera di acciaio pre-zincata.
- Pressacavo in gomma siliconica.
- **UGR <19 su richiesta.**








- Indoor epoxy powder painting.
- Aluminium fixing disk and Led dissipation.
- Bi-satin methacrylate diffuser.
- Quick connect terminal for connecting the network cable.
- Bi-satin methacrylate lower diffuser.
- Indoor pre galvanized steel sheet structure.
- Cable gland in silicon rubber.
- **UGR <19 on request.**


	LED	SISTEMA-SYSTEM			
		W	lm	lm/W	
 Br 5513P-LBC Ne 5514P-LBC Ga 5515P-LBC	18W 2600	220-240V (700mA)	3000	>80	21W 2086 99
Br 5513P-LBN Ne 5514P-LBN Ga 5515P-LBN	18W 2840	220-240V (700mA)	4000	>80	21W 2272 108
DIMM 1+10V Br 5513P-LBC-DIM Ne 5514P-LBC-DIM Ga 5515P-LBC-DIM	18W 2600	220-240V (700mA)	3000	>80	21W 2086 99
Br 5513P-LBN-DIM Ne 5514P-LBN-DIM Ga 5515P-LBN-DIM	18W 2840	220-240V (700mA)	4000	>80	21W 2272 108
 Sa Sa emergenza - emergency Br 5513P-LBC-EM1 Ne 5514P-LBC-EM1 1h Ga 5515P-LBC-EM1	18W 2600	220-240V (500mA)	3000	>80	21W 2086 99
 Sa Br 5513P-LBN-EM1 Ne 5514P-LBN-EM1 1h Ga 5515P-LBN-EM1	18W 2840	220-240V (700mA)	4000	>80	21W 2272 108
					
Br 5513P-LBC-DA Ne 5514P-LBC-DA Ga 5515P-LBC-DA	18W 2600	220-240V (700mA)	3000	>80	21W 2086 99
Br 5513P-LBN-DA Ne 5514P-LBN-DA Ga 5515P-LBN-DA	18W 2840	220-240V (700mA)	4000	>80	21W 2272 108

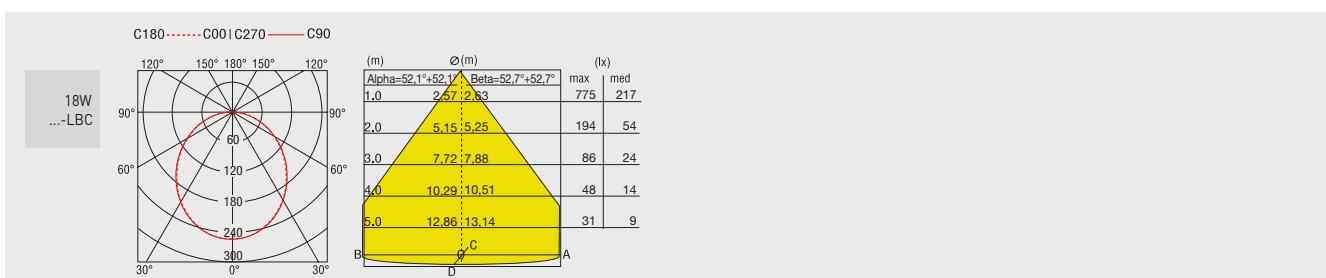
OP. A richiesta - On request: **UGR <19**



ACC. 409700 Schermo DIAMOND PRISM per versione UGR <19 - DIAMOND PRISM diffuser for UGR <19 version





BIG PLAFONE 550



- Verniciatura per interni in polveri epossidiche.
- Disco fissaggio e dissipazione Led in alluminio.
- Diffusore in metacrilato bi-satinato.
- Morsetto ad innesto rapido per collegamento cavo di rete.
- Schermo diffusore in metacrilato bi-satinato.
- Struttura interna in lamiera di acciaio pre-zincata.
- Pressacavo in gomma siliconica.
- **UGR <19 su richiesta.**



- Indoor epoxy powder painting.
- Aluminium fixing disk and Led dissipation.
- Bi-satin methacrylate diffuser.
- Quick connect terminal for connecting the network cable.
- Bi-satin methacrylate lower diffuser.
- Indoor pre galvanized steel sheet structure.
- Cable gland in silicon rubber.
- **UGR <19 on request.**

		LED			SISTEMA-SYSTEM				
		W	lm	V	K	CRI	W	lm	lm/W
	Br 5485P-LBC Ne 5486P-LBC Ga 5487P-LBC	42W	5500	220-240V (700mA)	3000	>80	46W	4411	96
	Br 5485P-LBN Ne 5486P-LBN Ga 5487P-LBN	42W	5740	220-240V (700mA)	4000	>80	46W	4603	100
	DIMM 1+10V Br 5485P-LBC-DIM Ne 5486P-LBC-DIM Ga 5487P-LBC-DIM	42W	5500	220-240V (700mA)	3000	>80	46W	4411	96
	Br 5485P-LBN-DIM Ne 5486P-LBN-DIM Ga 5487P-LBN-DIM	42W	5740	220-240V (700mA)	4000	>80	46W	4603	100
	Sa emergenza - emergency Br 5485P-LBC-EM1 Ne 5486P-LBC-EM1 1h Ga 5487P-LBC-EM1	42W	5500	220-240V (700mA)	3000	>80	46W	4411	96
	Br 5485P-LBN-EM1 Ne 5486P-LBN-EM1 1h Ga 5487P-LBN-EM1	42W	5740	220-240V (700mA)	4000	>80	46W	4603	100
	Br 5485P-LBC-DA Ne 5486P-LBC-DA Ga 5487P-LBC-DA	42W	5500	220-240V (700mA)	3000	>80	46W	4411	96
	Br 5485P-LBN-DA Ne 5486P-LBN-DA Ga 5487P-LBN-DA	42W	5740	220-240V (700mA)	4000	>80	46W	4603	100

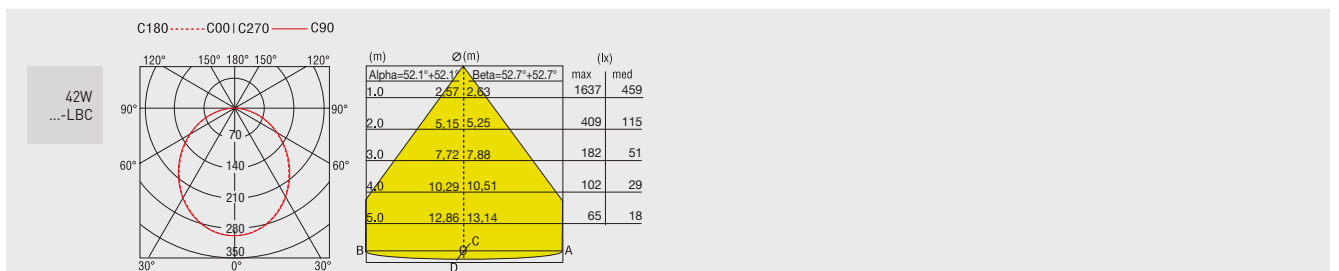
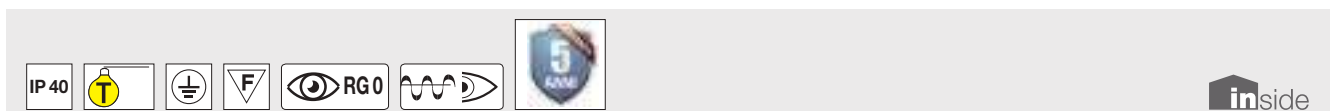
SEMPRE ACCESO: n. 4 schede Led funzionanti per tutta la superficie dello schermo del prodotto.
EMERGENZA: n. 2 schede Led alternate funzionanti e n° 2 schede in OFF.

ALWAYS ON: n. 4 Led cards switch on for the whole screen's surface.
EMERGENCY MODE: n. 2 Led alternated cards switch on and n. 2 Led cards Switch OFF.

OP. A richiesta - On request:



ACC. 409500 Schermo DIAMOND PRISM per versione UGR <19 - DIAMOND PRISM diffuser for UGR <19 version





- Verniciatura per interni in polveri epossidiche.
- Disco fissaggio e dissipazione Led in alluminio.
- Diffusore in metacrilato bi-satinato.
- Morsetto ad innesto rapido per collegamento cavo di rete.
- Schermo diffusore in metacrilato bi-satinato.
- Struttura interna in lamiera di acciaio pre-zincata.
- Pressacavo in gomma siliconica.
- **UGR <19 su richiesta.**

- Indoor epoxy powder painting.
- Aluminium fixing disk and Led dissipation.
- Bi-satin methacrylate diffuser.
- Quick connect terminal for connecting the network cable.
- Bi-satin methacrylate lower diffuser.
- Indoor pre galvanized steel sheet structure.
- Cable gland in silicon rubber.
- **UGR <19 on request.**

	LED	SISTEMA-SYSTEM							
		W	lm	lm/W					
	Br 5491P-LBC Ne 5492P-LBC Ga 5493P-LBC	80W	11248	220-240V (700mA)	3000	>80	84W	8572	102
	Br 5491P-LBN Ne 5492P-LBN Ga 5493P-LBN	80W	11488	220-240V (700mA)	4000	>80	84W	8755	104
	DIMM 1÷10V Br 5491P-LBC-DIM Ne 5492P-LBC-DIM Ga 5493P-LBC-DIM	80W	11248	220-240V (700mA)	3000	>80	84W	8572	102
	Br 5491P-LBN-DIM Ne 5492P-LBN-DIM Ga 5493P-LBN-DIM	80W	11488	220-240V (700mA)	4000	>80	84W	8755	104
	Sa emergenza - emergency Br 5491P-LBC-EM1 Ne 5492P-LBC-EM1 1h Ga 5493P-LBC-EM1	80W	11248	220-240V (700mA)	3000	>80	84W	8572	102
	Br 5491P-LBN-EM1 Ne 5492P-LBN-EM1 1h Ga 5493P-LBN-EM1	80W	11488	220-240V (700mA)	4000	>80	84W	8755	104
	Br 5491P-LBC-DA Ne 5492P-LBC-DA Ga 5493P-LBC-DA	80W	11248	220-240V (700mA)	3000	>80	84W	8572	102
	Br 5491P-LBN-DA Ne 5492P-LBN-DA Ga 5493P-LBN-DA	80W	11488	220-240V (700mA)	4000	>80	84W	8755	104

SEMPRE ACCESO: n. 8 schede Led funzionanti per tutta la superficie dello schermo del prodotto.
EMERGENZA: n. 4 schede Led alternate funzionanti e n. 4 schede in OFF.

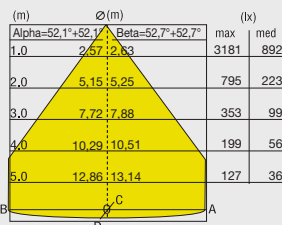
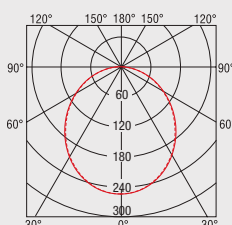
ALWAYS ON: n. 8 Led cards switch on for the whole screen's surface.
EMERGENCY MODE: n. 4 Led alternated cards switch on and n. 4 Led cards Switch OFF.

OP. A richiesta - On request: **UGR <19**

ACC. 409800 Schermo DIAMOND PRISM per versione UGR <19 - DIAMOND PRISM diffuser for UGR <19 version



C180.....C00|C270 — C90







BIG PLAFONE 1030



- Verniciatura per interni in polveri epossidiche.
- Disco fissaggio e dissipazione Led in alluminio.
- Diffusore in metacrilato bi-satinato.
- Morsetto ad innesto rapido per collegamento cavo di rete.
- Schermo diffusore in metacrilato bi-satinato.
- Struttura interna in lamiera di acciaio pre-zincata.
- Pressacavo in gomma siliconica.
- **UGR <19 su richiesta.**

- Indoor epoxy powder painting.
- Aluminium fixing disk and Led dissipation.
- Bi-satin methacrylate diffuser.
- Quick connect terminal for connecting the network cable.
- Bi-satin methacrylate lower diffuser.
- Indoor pre galvanized steel sheet structure.
- Cable gland in silicon rubber.
- **UGR <19 on request.**

	Icona	LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W	
		Br 5497P-LBC	187,5W	25100	220-240V (1050mA)	3000	>80	191,5W	19123	100
		Ne 5498P-LBC								
		Ga 5499P-LBC								
		Br 5497P-LBN	187,5W	25520	220-240V (1050mA)	4000	>80	191,5W	19382	101
		Ne 5498P-LBN								
		Ga 5499P-LBN								
Sa		Br 5497P-LBC-EM1	190W	25100	220-240V (1050mA)	3000	>80	191,5W	19123	100
		Ne 5498P-LBC-EM1 1h								
Ga 5499P-LBC-EM1										
Sa		Br 5497P-LBN-EM1	190W	25520	220-240V (1050mA)	4000	>80	191,5W	19382	101
		Ne 5498P-LBN-EM1 1h								
Ga 5499P-LBN-EM1										
		Br 5497P-LBC-DA	187,5W	25100	220-240V (1050mA)	3000	>80	191,5W	19129	100
		Ne 5498P-LBC-DA								
		Ga 5499P-LBC-DA								
		Br 5497P-LBN-DA	187,5W	25520	220-240V (1050mA)	4000	>80	191,5W	19449	102
		Ne 5498P-LBN-DA								
		Ga 5499P-LBN-DA								

SEMPRE ACCESSO: n. 8 schede Led funzionanti per tutta la superficie dello schermo del prodotto.
 EMERGENZA: n. 4 schede Led alternate funzionanti e n° 4 schede in OFF.
 ALWAYS ON: n. 8 Led cards switch on for the whole screen's surface.
 EMERGENCY MODE: n. 4 Led alternated cards switch on and n. 4 Led cards Switch OFF.

OP. A richiesta - On request: versioni dimmerabili 1÷10V - dimmable 1÷10V



ACC. 409900 Schermo DIAMOND PRISM per versione UGR <19 - DIAMOND PRISM diffuser for UGR <19 version







BIG FLAT PLAFONE 360-440

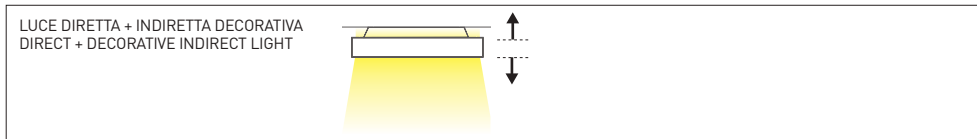


- Corpo in lamiera di acciaio verniciato in polveri.
- Schermo diffusore in policarbonato bi-satinato.
- Pressacavo in nylon 66.
- Luce diretta - Luce indiretta decorativa.
- Led durata utile: 50.000 (h) L70 B10.

- Body made of sheet steel powder coated.
- Bi-satin polycarbonate diffuser.
- Cable gland in nylon 66.
- Direct and decorative indirect light.
- Led life: 50.000 (h) L70 B10.

	LED	SISTEMA-SYSTEM							
		W	lm	lm/W					
	BIG FLAT 360 Br 5525-LBC Ne 5526-LBC Gr 5527-LBC	18W	2600	220-240V (700mA)	3000	>80	21W	1577	75
	Br 5525-LBN Ne 5526-LBN Gr 5527-LBN	18W	2840	220-240V (700mA)	4000	>80	21W	1722	82
	DIMM 1-10V Br 5525-LBC-DIM Ne 5526-LBC-DIM Gr 5527-LBC-DIM	18W	2600	220-240V (700mA)	3000	>80	21W	1577	75
	Br 5525-LBN-DIM Ne 5526-LBN-DIM Gr 5527-LBN-DIM	18W	2840	220-240V (700mA)	4000	>80	21W	1722	82
	Br 5525-LBC-DA Ne 5526-LBC-DA Gr 5527-LBC-DA	18W	2600	220-240V (700mA)	3000	>80	21W	1577	75
	Br 5525-LBN-DA Ne 5526-LBN-DA Gr 5527-LBN-DA	18W	2840	220-240V (700mA)	4000	>80	21W	1722	82
	BIG FLAT 440 Br 5565-LBC Ne 5566-LBC Gr 5567-LBC	34W	3540	220-240V (700mA)	3000	>80	38W	2147	56
	Br 5565-LBN Ne 5566-LBN Gr 5567-LBN	34W	3725	220-240V (700mA)	4000	>80	38W	2255	59
	DIMM 1-10V Br 5565-LBC-DIM Ne 5566-LBC-DIM Gr 5567-LBC-DIM	34W	3540	220-240V (700mA)	3000	>80	38W	2147	56
	Br 5565-LBN-DIM Ne 5566-LBN-DIM Gr 5567-LBN-DIM	34W	3725	220-240V (700mA)	4000	>80	38W	2255	59
	Br 5565-LBC-DA Ne 5566-LBC-DA Gr 5567-LBC-DA	34W	3540	220-240V (700mA)	3000	>80	38W	2147	56
	Br 5565-LBN-DA Ne 5566-LBN-DA Gr 5567-LBN-DA	34W	3725	220-240V (700mA)	4000	>80	38W	2255	59

ACC. 409700 Schermo DIAMOND PRISM per versione UGR <19 - DIAMOND PRISM diffuser for UGR <19 version - **BIG FLAT 360**
 409995 Schermo DIAMOND PRISM per versione UGR <19 - DIAMOND PRISM diffuser for UGR <19 version - **BIG FLAT 440**



PARETE - PLAFONE - SOSPENSIONE • WALL - CEILING - SUSPENSION

BIG FLAT PLAFONE 550



- Corpo in lamiera di acciaio verniciato in polveri.
- Schermo diffusore in policarbonato bi-satinato.
- Pressacavo in nylon 66.
- Luce diretta - Luce indiretta decorativa.
- Led durata utile: 50.000 (h) L70 B10.



- Body made of sheet steel.
- Bi-satin polycarbonate diffuser.
- Cable gland in nylon 66.
- Direct and decorative indirect light.
- Led life: 50.000 (h) L70 B10.

		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	Br 5535-LBC	51W	6600	220-240V (700mA)	3000	>80	55W	4003	73
	Ne 5536-LBC								
	Gr 5537-LBC								
	Br 5535-LBN	51W	6928	220-240V (700mA)	4000	>80	55W	4202	76
	Ne 5536-LBN								
	Gr 5537-LBN								
	DIMM 1-10V	51W	6600	220-240V (700mA)	3000	>80	55W	4003	73
	Br 5535-LBC-DIM								
	Ne 5536-LBC-DIM								
	Br 5535-LBN-DIM	51W	6928	220-240V (700mA)	4000	>80	55W	4202	76
	Ne 5536-LBN-DIM								
	Gr 5537-LBN-DIM								
	Br 5535-LBC-DA	51W	6600	220-240V (700mA)	3000	>80	55W	4003	73
	Ne 5536-LBC-DA								
	Gr 5537-LBC-DA								
	Br 5535-LBN-DA	51W	6928	220-240V (700mA)	4000	>80	55W	4202	76
	Ne 5536-LBN-DA								
	Gr 5537-LBN-DA								

6,90

ACC. 409500 Schermo DIAMOND PRISM per versione UGR <19 - DIAMOND PRISM diffuser for UGR <19 version

LUCE DIRETTA + INDIRETTA DECORATIVA
DIRECT + DECORATIVE INDIRECT LIGHT





BIG FLAT PLAFONE 750

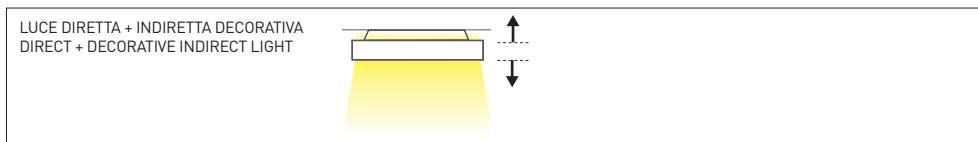
- Corpo in lamiera di acciaio verniciato in polveri.
- Schermo diffusore in policarbonato bi-satinato.
- Pressacavo in nylon 66.
- Luce diretta - Luce indiretta decorativa.
- Led durata utile: 50.000 (h) L70 B10.

- Body made of sheet steel.
- Bi-satin polycarbonate diffuser.
- Cable gland in nylon 66.
- Direct and decorative indirect light.
- Led life: 50.000 (h) L70 B10.



	SYG 12,20	SYG 12,20	LED					SISTEMA-SYSTEM			
			W	lm	V	K	CRI	W	lm	lm/W	
	Br	5555-LBC	80W	11248	220-240V (700mA)	3000	>80	84W	6822	81	
	Ne	5556-LBC									
	Gr	5557-LBC									
	Br	5555-LBN	80W	11488	220-240V (700mA)	4000	>80	84W	6967	83	
	Ne	5556-LBN									
	Gr	5557-LBN									
	DIMM 1-10V		80W	11248	220-240V (700mA)	3000	>80	84W	6822	81	
	Br	5555-LBC-DIM									
	Ne	5556-LBC-DIM									
	Br	5555-LBN-DIM	80W	11488	220-240V (700mA)	4000	>80	84W	6967	83	
	Ne	5556-LBN-DIM									
	Gr	5557-LBN-DIM									
	Br	5555-LBC-DA	80W	11248	220-240V (700mA)	3000	>80	84W	6822	81	
	Ne	5556-LBC-DA									
	Gr	5557-LBC-DA									
	Br	5555-LBN-DA	80W	11488	220-240V (700mA)	4000	>80	84W	6967	83	
	Ne	5556-LBN-DA									
	Gr	5557-LBN-DA									

ACC. 409800 Schermo DIAMOND PRISM per versione UGR <19 - DIAMOND PRISM diffuser for UGR <19 version



DROP 30 XS - M - XL



- Corpo in estruso verniciato, lunghezza 300 mm.
- Gruppo di alimentazione integrato.

- Main body made of extruded aluminium, length 300 mm.
- Built-in power supply unit.



DROPS 30 XS		LED					SISTEMA-SYSTEM				
		W	lm	V	K	CRI	W	lm	lm/W		
		Br	D2210-LBC								
		Ne	D2211-LBC	3,5W	350	220-240V (350mA)	3000	>80	4,5W	265	57
		Ga	D2212-LBC								
		Br	D2210-LBN								
		Ne	D2211-LBN	3,5W	380	220-240V (350mA)	4000	>80	4,5W	287	64
		Ga	D2212-LBN								

DROPS 30 M		LED					SISTEMA-SYSTEM						
		W	lm	V	K	CRI	W	lm	lm/W				
		Br	D2216-MLBC-25	D2216-MLBC-40									
		Ne	D2235-LBC-15	D2235-LBC-25	D2235-LBC-40	5,2W	700	220-240V (350mA)	3000	>80	6,2W	644	103 [25°]
		Ga	D2218-MLBC-25	D2218-MLBC-40								637	102 [40°]
		Br	D2216-MLBN-25	D2216-MLBN-40									
		Ne	D2217-MLBN-25	D2217-MLBN-40	6,1W	660	220-240V (350mA)	4000	>80	7,1W	611	86 [25°]	
		Ga	D2218-MLBN-25	D2218-MLBN-40							600	85 [40°]	

DROPS 30 XL		LED					SISTEMA-SYSTEM						
		W	lm	V	K	CRI	W	lm	lm/W				
		Br	D2234-LBC-15	D2234-LBC-25	D2234-LBC-40	17W	2500	220-240V (500mA)	3000	>80	20W	2250	113 [15°]
		Ne	D2235-LBC-15	D2235-LBC-25	D2235-LBC-40							2150	108 [25°]
		Ga	D2236-LBC-15	D2236-LBC-25	D2236-LBC-40							2275	114 [40°]
		Br	D2234-LBN-15	D2234-LBN-25	D2234-LBN-40						2345	117 [15°]	
		Ne	D2235-LBN-15	D2235-LBN-25	D2235-LBN-40	17W	2665	220-240V (500mA)	4000	>80	20W	2425	121 [25°]
		Ga	D2236-LBN-15	D2236-LBN-25	D2236-LBN-40						2398	120 [40°]	

OP. A richiesta - On request: Led con temperatura di COLORE 2700K - Temperature Led COLOUR 2700K

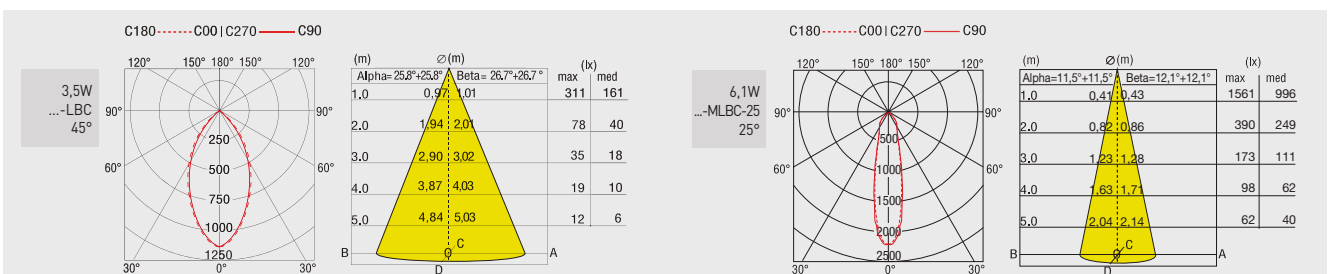
OP. A richiesta - On request: Finitura Bronzo e Oro - Bronze and Gold finishing

IP 20

RG0

sidesign

COLLECTION





DROP 60 XS - M - XL

- Corpo in estruso verniciato, lunghezza 600 mm.
- Gruppo di alimentazione integrato.
- Main body made of extruded aluminium, length 600 mm.
- Built-in power supply unit.



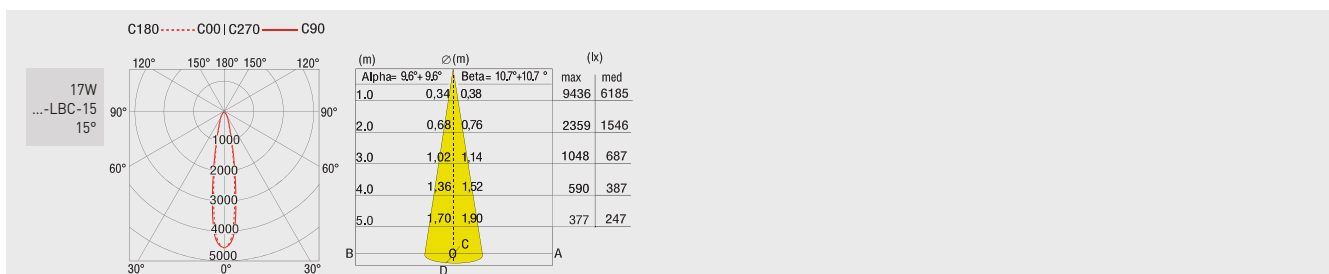
DROP 60 XS		LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W	
	0,70 Kg	Br D2213-LBC	3,5W	350	220-240V (350mA)	3000	>80	4,5W	265	57
		Ne D2214-LBC								
		Ga D2215-LBC								
Br D2213-LBN	3,5W	380	220-240V (350mA)	4000	>80	4,5W	287	64		
Ne D2214-LBN										
Ga D2215-LBN										

DROP 60 M		LED					SISTEMA-SYSTEM				
		W	lm	V	K	CRI	W	lm	lm/W		
	1,13 Kg	Br D2225-MLBC-25 D2225-MLBC-40	5,2W	700	220-240V (350mA)	3000	>80	6,2W	644	103	[25°]
		Ne D2226-MLBC-25 D2226-MLBC-40									
		Ga D2227-MLBC-25 D2227-MLBC-40									
Br D2225-MLBN-25 D2225-MLBN-40	6,1W	660	220-240V (350mA)	4000	>80	7,1W	611	86	85	[25°]	
Ne D2226-MLBN-25 D2226-MLBN-40											
Ga D2227-MLBN-25 D2227-MLBN-40											

DROP 60 XL		LED					SISTEMA-SYSTEM				
		W	lm	V	K	CRI	W	lm	lm/W		
	2,00 Kg	Br D2237-LBC-15 D2237-LBC-25 D2237-LBC-40	17W	2500	220-240V (500mA)	3000	>80	20W	2250	113	[15°]
		Ne D2238-LBC-15 D2238-LBC-25 D2238-LBC-40									
		Ga D2239-LBC-15 D2239-LBC-25 D2239-LBC-40									
Br D2237-LBN-15 D2237-LBN-25 D2237-LBN-40	17W	2665	220-240V (500mA)	4000	>80	20W	2345	117	121	120	[15°]
Ne D2238-LBN-15 D2238-LBN-25 D2238-LBN-40											
Ga D2239-LBN-15 D2239-LBN-25 D2239-LBN-40											

OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

OP. A richiesta - On request: Finitura Bronzo e Oro - Bronze and Gold finishing











DROP 30S XS - M - XL

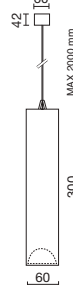
- Corpo in estruso verniciato, lunghezza 300 mm.
- Gruppo di alimentazione integrato.
- Kit di sospensione con cavo di alimentazione lunghezza 2 m. e rosone.
- Main body made of extruded aluminium, length 300 mm.
- Built-in power supply unit.
- Complete with power and suspension cables length 2 m. and base plate.



DROP 30S XS	45°	LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
Br D2210-LBC-S Ne D2211-LBC-S Ga D2212-LBC-S		3,5W	350	220-240V [350mA]	3000	>80	4,5W	265	57
Br D2210-LBN-S Ne D2211-LBN-S Ga D2212-LBN-S		3,5W	380	220-240V [350mA]	4000	>80	4,5W	287	64



DROP 30S M	25°	40°	LED					SISTEMA-SYSTEM		
			W	lm	V	K	CRI	W	lm	lm/W
Br D2216-MLBC25S D2216-MLBC40S Ne D2217-MLBC25S D2217-MLBC40S Ga D2218-MLBC25S D2218-MLBC40S		5,2W	700	220-240V [350mA]	3000	>80	6,2W	644	103 (25°) 102 (40°)	
Br D2216-MLBN25S D2216-MLBN40S Ne D2217-MLBN25S D2217-MLBN40S Ga D2218-MLBN25S D2218-MLBN40S		6,1W	660	220-240V [350mA]	4000	>80	7,1W	611	86 (25°) 85 (40°)	



DROP 30S XL	15°	25°	40°	LED					SISTEMA-SYSTEM		
				W	lm	V	K	CRI	W	lm	lm/W
Br D2234-LBC-15S D2234-LBC-25S D2234-LBC-40S Ne D2235-LBC-15S D2235-LBC-25S D2235-LBC-40S Ga D2236-LBC-15S D2236-LBC-25S D2236-LBC-40S		17W	2500	220-240V 500mA	3000	>80	20W	2250	113 (15°) 2150 (25°) 114 (40°)		
Br D2234-LBN-15S D2234-LBN-25S D2234-LBN-40S Ne D2235-LBN-15S D2235-LBN-25S D2235-LBN-40S Ga D2236-LBN-15S D2236-LBN-25S D2236-LBN-40S		17W	2665	220-240V [500mA]	4000	>80	20W	2345	117 (15°) 2425 (25°) 120 (40°)		



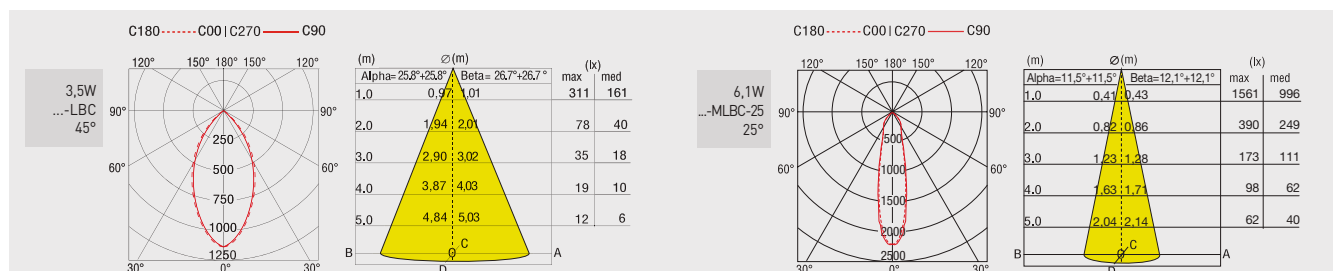
OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

OP. A richiesta - On request: Adattatore per binario SITRACK - SITRACK adaptor
Finitura Bronzo e Oro - Bronze and Gold finishing













IP 20

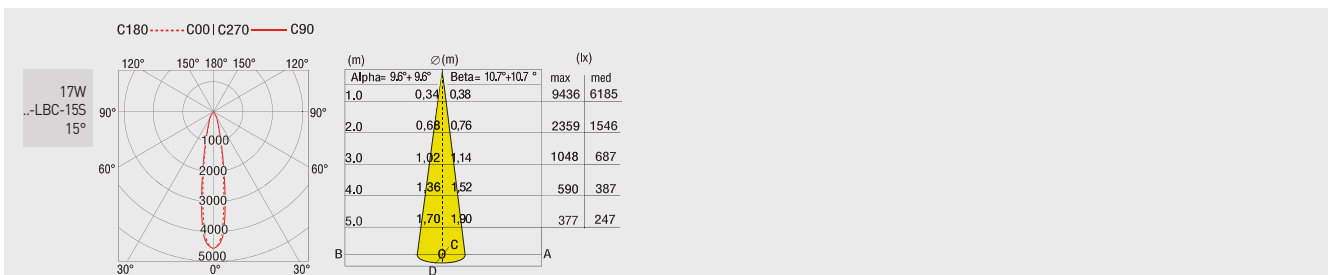
RG 0

sidesign COLLECTION
















 sidesign COLLECTION 





DROP 60S XS - M - XL



- Corpo in estruso verniciato, lunghezza 300 mm.
- Gruppo di alimentazione integrato.
- Kit di sospensione con cavo di alimentazione lunghezza 2 m. e rosone.
- Main body made of extruded aluminium, length 300 mm.
- Built-in power supply unit.
- Complete with power and suspension cables length 2 m. and base plate.

DROP 60S XS		LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	$\frac{lm}{W}$	
	0,77 kg	Br D2213-LBC-S	3,5W	285	220-240V (350mA)	3000	>80	4,5W	257	57
		Ne D2214-LBC-S								
		Ga D2215-LBC-S								
		Br D2213-LBN-S	3,5W	300	220-240V (350mA)	4000	>80	4,5W	287	64
		Ne D2214-LBN-S								
		Ga D2215-LBN-S								

DROP 60S M		LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	$\frac{lm}{W}$	
	1,20 kg	Br D2225-MLBC25S D2225-MLBC40S	6,1W	610	220-240V (350mA)	3000	>80	7,1W	610	86
		Ne D2226-MLBC25S D2226-MLBC40S								
		Ga D2227-MLBC25S D2227-MLBC40S								
		Br D2225-MLBN25S D2225-MLBN40S	6,1W	660	220-240V (350mA)	4000	>80	7,1W	611	86
		Ne D2226-MLBN25S D2226-MLBN40S								
		Ga D2227-MLBN25S D2227-MLBN40S								

DROP 60S XL		LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	$\frac{lm}{W}$	
	2,00 kg	Br D2237-LBC-15S D2237-LBC-25S D2237-LBC-40S	17W	2500	220-240V (500mA)	3000	>80	20W	2262	113
		Ne D2238-LBC-15S D2238-LBC-25S D2238-LBC-40S								
		Ga D2239-LBC-15S D2239-LBC-25S D2239-LBC-40S								
		Br D2237-LBN-15S D2237-LBN-25S D2237-LBN-40S	17W	2665	220-240V (500mA)	4000	>80	20W	2367	118
		Ne D2238-LBN-15S D2238-LBN-25S D2238-LBN-40S								
		Ga D2239-LBN-15S D2239-LBN-25S D2239-LBN-40S								

OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

OP. A richiesta - On request: Adattatore per binario SITRACK - SITRACK adaptor
Finitura Bronzo e Oro - Bronze and Gold finishing

SWING PLAFONE 10

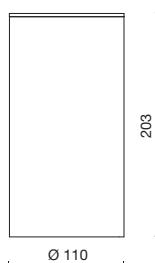


- Corpo esterno in estruso di alluminio verniciato in polveri di poliestere.
- Dissipatore lamellare passivo in estruso di alluminio.
- Riflettore in alluminio purissimo 99,8%.
- Vetro temprato chiaro.
- Led durata utile: 50000 (h) L90 B20.
- Costanza cromarica: 3 SDCM

- External extruded aluminium body with powder coated painting.
- Extruded aluminium passive laminate heat sink.
- High purity aluminium reflector 99.8%.
- Light tempered glass.
- Led life: 50000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.

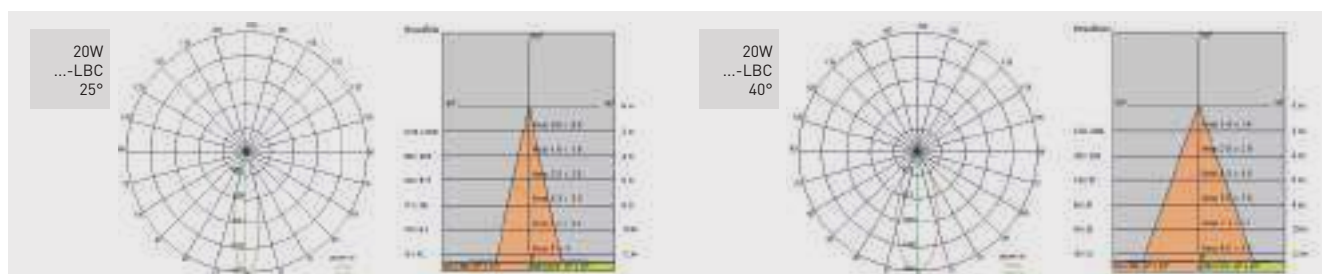
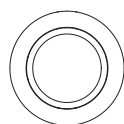


Br 2880-LBC-P		25	40	20W	2500	220-240V (500mA)	3000	>80
Br 2880-LBN-P				20W	2665	220-240V (500mA)	4000	>80



1,50 Kg

OP. A richiesta - On request: disponibile - available





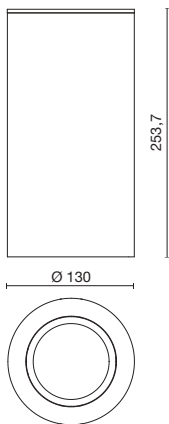
SWING PLAFONE 13

- Corpo esterno in estruso di alluminio verniciato in polveri di poliestere.
- Dissipatore lamellare passivo in estruso di alluminio.
- Riflettore in alluminio purissimo 99,8%.
- Vetro temprato chiaro.
- Led durata utile: 50000 (h) L90 B20.
- Costanza cromatiche: 3 SDCM

- External extruded aluminium body with powder coated painting.
- Extruded aluminium passive laminate heat sink.
- High purity aluminium reflector 99.8%.
- Light tempered glass.
- Led life: 50000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.



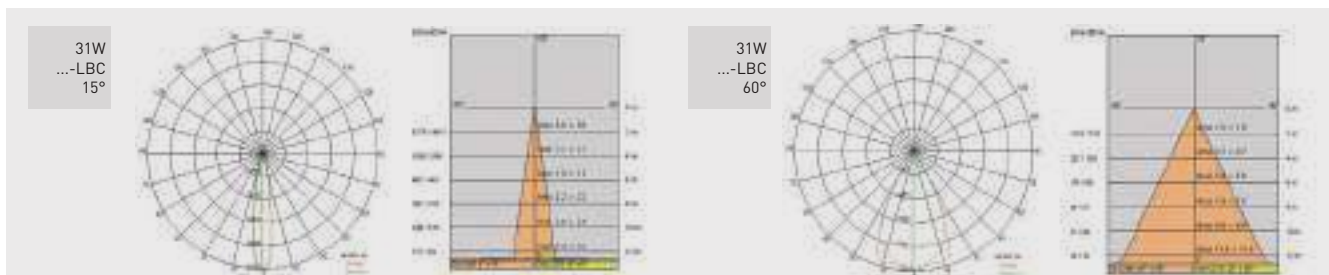
				W	lm	V	K	CRI
Br 2885-LBC-P				31W	4170	220-240V (900mA)	3000	>80
Br 2885-LBN-P				31W	4395	220-240V (900mA)	4000	>80



2.27 Kg

OP. A richiesta - On request: disponibile - available

PARETE - PLAFONE - SOSPENSIONE • WALL - CEILING - SUSPENSION



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color

NET RANGE MCL

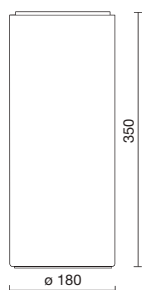


- Corpo esterno in lamiera di alluminio verniciato in polveri epossipoliestere.
- Apparecchio illuminante estraibile.
- Gruppo di alimentazione incorporato.
- Anello di finitura esterno in pressofusione di alluminio.
- Riflettore in alluminio purissimo.
- Dissipatore lamellare passivo in alluminio estruso.

- Outer body made of aluminium sheet varnished in epoxy.
- Luminaire removable.
- Built-in power supply unit.
- Ring in die-cast aluminium exterior finish.
- High purity aluminium reflector of aluminium.
- Lamellar passive heatsink made of extruded aluminium.

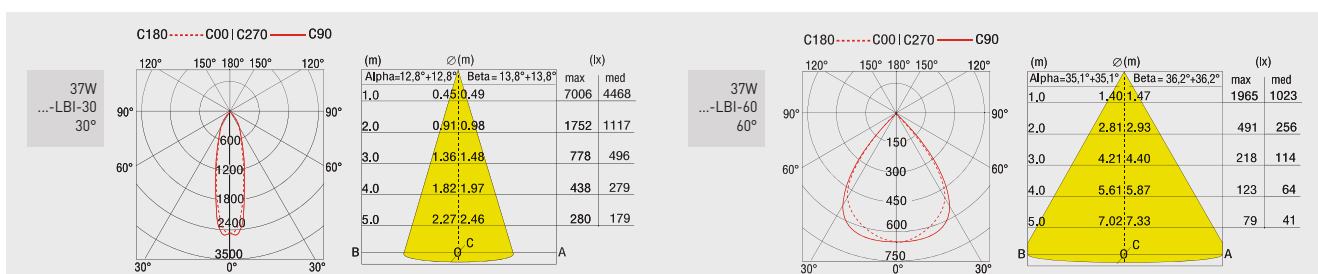
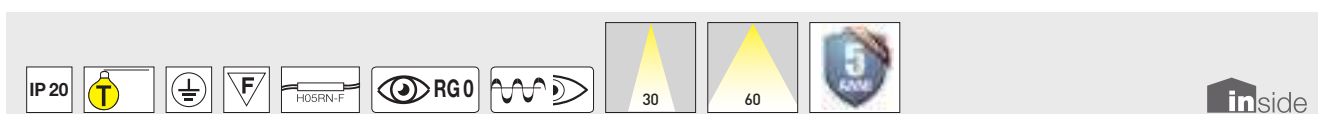


	30°	60°	LED			SISTEMA-SYSTEM				
			W	lm	V	K	CRI	W	lm	lm
Br 63056-LBC-30	63056-LBC-60		24W	3365	220-240V (700mA)	3000	>80	27W	3284	122 (30°)
Ga 63057-LBC-30	63057-LBC-60								2832	105 (60°)
Br 63056-LBI-30	63056-LBI-60		24W	3570	220-240V (700mA)	4000	>80	27W	3484	129 (30°)
Ga 63057-LBI-30	63057-LBI-60								3005	111 (60°)
Br 63058-LBC-30	63058-LBC-60		37W	4740	220-240V (1050mA)	3000	>80	41W	4626	113 (30°)
Ga 63059-LBC-30	63059-LBC-60								4355	106 (60°)
Br 63058-LBI-30	63058-LBI-60		37W	4970	220-240V (1050mA)	4000	>80	41W	4850	118 (30°)
Ga 63059-LBI-30	63059-LBI-60								4180	102 (60°)



5Kg
2,70

OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**
disponibile - available





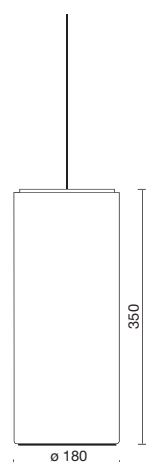
NET RANGE MCL S

- Corpo esterno in lamiera di alluminio verniciato in poveri epossipoliestere.
- Apparecchio illuminante estraibile.
- Gruppo di alimentazione incorporato.
- Anello di finitura esterno in pressofusione di alluminio.
- Riflettore in alluminio purissimo.
- Dissipatore lamellare passivo in alluminio estruso.

- Outer body made of aluminium sheet varnished in epoxy.
- Luminaire removable.
- Built-in power supply unit.
- Ring in die-cast aluminium exterior finish.
- High purity aluminium reflector of aluminium.
- Lamellar passive heatsink made of extruded aluminium.



	30°	60°	LED					SISTEMA-SYSTEM			
			W	lm	V	K	CRI	W	lm	lm/W	
Br 63056-LBC-30S	63056-LBC-60S		24W	3365	220-240V (700mA)	3000	>80	27W	3284	122	(30°)
Ga 63057-LBC-30S	63057-LBC-60S							2832	105	(60°)	
Br 63056-LBI-30S	63056-LBI-60S		24W	3570	220-240V (700mA)	4000	>80	27W	3484	129	(30°)
Ga 63057-LBI-30S	63057-LBI-60S							3005	111	(60°)	
Br 63058-LBC-30S	63058-LBC-60S		37W	4740	220-240V (1050mA)	3000	>80	41W	4626	113	(30°)
Ga 63059-LBC-30S	63059-LBC-60S							4355	106	(60°)	
Br 63058-LBI-30S	63058-LBI-60S		37W	4970	220-240V (1050mA)	4000	>80	41W	4850	118	(30°)
Ga 63059-LBI-30S	63059-LBI-60S							4180	102	(60°)	



STG 2,70

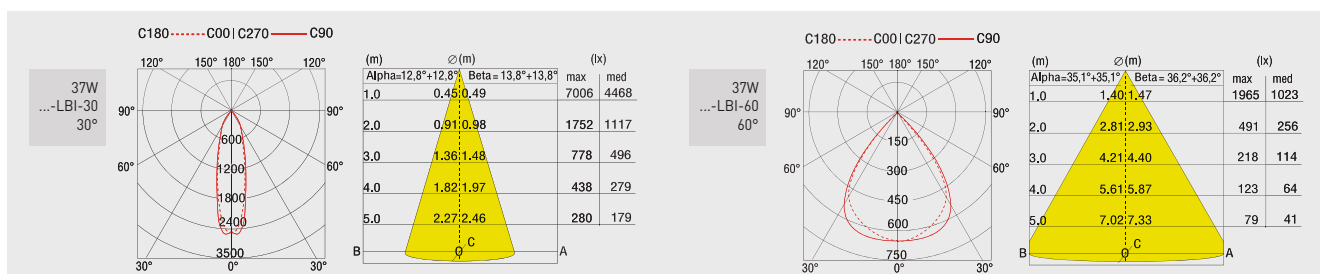
OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K** disponibile - available



ACC. TIGES L. 600mm Bi 999051 TIGES L. 1200mm Bi 999061 KIT FUNI ACCIAIO - STEEL CABLES KIT Bi 62000-10

Esempio di ordinazione
Ordering example 63056-LBC-30S + 999051

IP 20 I F HOSPN-F RGO 30 60 5 YEAR inside



NET RANGE 15 MCL

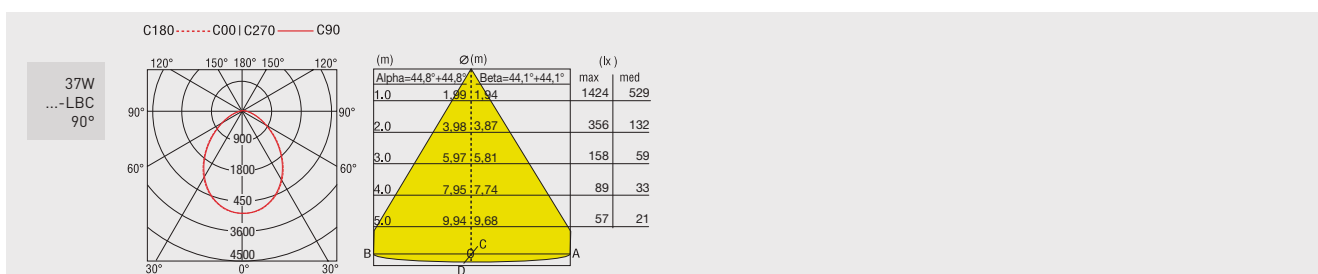


- Corpo esterno in lamiera di alluminio, verniciato in polveri epossipoliestere.
 - Gruppo di alimentazione incorporato.
 - Riflettore in alluminio purissimo.
 - Dissipatore lamellare passivo in alluminio estruso.
- External body of sheet aluminium, powder coated.
 - Built-in power supply unit.
 - Pure aluminium reflector.
 - Passive laminated aluminium extruded heatsink.



		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	Br 63065-LBC Ga 63066-LBC	17W	2500	220-240V (700mA)	3000	>80	20W	2062	103
	Br 63065-LBN Ga 63066-LBN	17W	2665	220-240V (700mA)	4000	>80	20W	2198	110
	Br 63067-LBC Ga 63068-LBC	24W	3365	220-240V (700mA)	3000	>80	27W	2775	103
	Br 63067-LBN Ga 63068-LBN	24W	3570	220-240V (700mA)	4000	>80	27W	2944	109
	Br 63069-LBC Ga 63070-LBC	37W	4740	220-240V (1050mA)	3000	>80	41W	3910	95
	Br 63069-LBN Ga 63070-LBN	37W	4970	220-240V (1050mA)	4000	>80	41W	4099	100

OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**
 disponibile - available





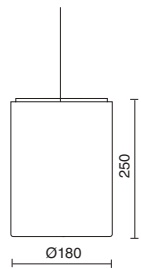
NET RANGE S 15 MCL

- Corpo esterno in lamiera di alluminio, verniciato in polveri epossipoliestere.
- Gruppo di alimentazione incorporato.
- Riflettore in alluminio purissimo.
- Dissipatore lamellare passivo in alluminio estruso.

- External body of sheet aluminium, powder coated.
- Built-in power supply unit.
- Pure aluminium reflector.
- Passive laminated aluminium extruded heatsink.



	90°	LED		SISTEMA-SYSTEM					
		W	lm	V	K	CRI	W	lm	lm/W
Br 63065-LBC-S Ga 63066-LBC-S		17W	2500	220-240V (500mA)	3000	>80	20W	2062	103
Br 63065-LBN-S Ga 63066-LBN-S		17W	2665	220-240V (500mA)	4000	>80	20W	2198	110
Br 63067-LBC-S Ga 63068-LBC-S		24W	3365	220-240V (700mA)	3000	>80	27W	2775	103
Br 63067-LBN-S Ga 63068-LBN-S		24W	3570	220-240V (700mA)	4000	>80	27W	2944	109
Br 63069-LBC-S Ga 63070-LBC-S		37W	4740	220-240V (1050mA)	3000	>80	41W	3910	95
Br 63069-LBN-S Ga 63070-LBN-S		37W	4970	220-240V (1050mA)	4000	>80	41W	4099	100



2,00 kg

OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K** disponibile - available



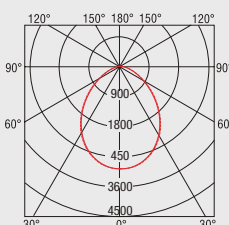
<p>ACC. TIGES L. 600mm Bi 999051</p>	<p>TIGES L. 1200mm Bi 999061</p>	<p>KIT FUNI ACCIAIO - STEEL CABLES KIT Bi 62000-10</p>
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Esempio di ordinazione
Ordering example 63065-LBC-S + 999051

IP 20



C180-----C00|C270-----C90



(m)	Ø (m)	(lx)
1,0	1,89 : 1,94	max 1424 med 529
2,0	3,98 : 3,87	356 132
3,0	5,97 : 5,81	158 59
4,0	7,95 : 7,74	89 33
5,0	9,94 : 9,68	57 21

NET RANGE 18 MCL

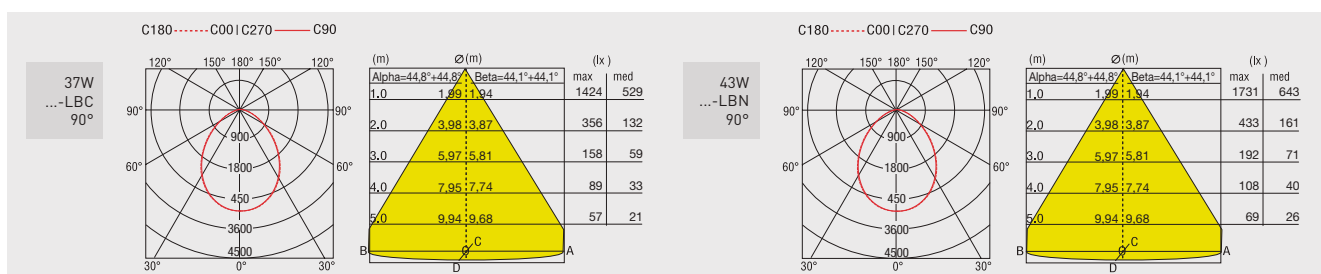


- Corpo esterno in lamiera di alluminio, verniciato in polveri epossipoliestere.
 - Gruppo di alimentazione incorporato.
 - Riflettore in alluminio purissimo.
 - Dissipatore lamellare passivo in alluminio estruso.
- External body of sheet aluminium, powder coated.
 - Built-in power supply unit.
 - Pure aluminium reflector.
 - Passive laminated aluminium extruded heatsink.



		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	Br 63075-LBC Ga 63076-LBC	37W	4740	220-240V (1050mA)	3000	>80	41W	3844	94
	Br 63075-LBN Ga 63076-LBN	37W	4970	220-240V (1050mA)	4000	>80	41W	4031	98
	versione-version P L U S								
	Br 63077-LBC Ga 63078-LBC	43W	5280	220-240V (1200mA)	3000	>80	47	4282	91
	Br 63077-LBN Ga 63078-LBN	43W	5520	220-240V (1200mA)	4000	>80	47	4477	95

OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**
 disponibile - available

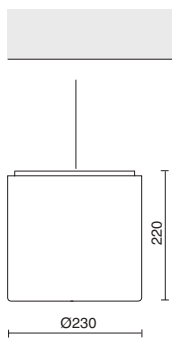




NET RANGE S 18 MCL

- Corpo esterno in lamiera di alluminio, verniciato in polveri epossipoliestere.
- Gruppo di alimentazione incorporato.
- Riflettore in alluminio purissimo.
- Dissipatore lamellare passivo in alluminio estruso.

- External body of sheet aluminium, powder coated.
- Built-in power supply unit.
- Pure aluminium reflector.
- Passive laminated aluminium extruded heatsink.



Versione-version	LED					SISTEMA-SYSTEM		
	W	lm	V	K	CRI	W	lm	lm/W
Br 63075-LBC-S Ga 63076-LBC-S	37W	4740	220-240V (1050mA)	3000	>80	41W	3844	94
Br 63075-LBN-S Ga 63076-LBN-S	37W	4970	220-240V (1050mA)	4000	>80	41W	4031	98
Br 63077-LBC-S Ga 63078-LBC-S	43W	5280	220-240V (1200mA)	3000	>80	47	4282	91
Br 63077-LBN-S Ga 63078-LBN-S	43W	5520	220-240V (1200mA)	4000	>80	47	4477	95

2,50 kg

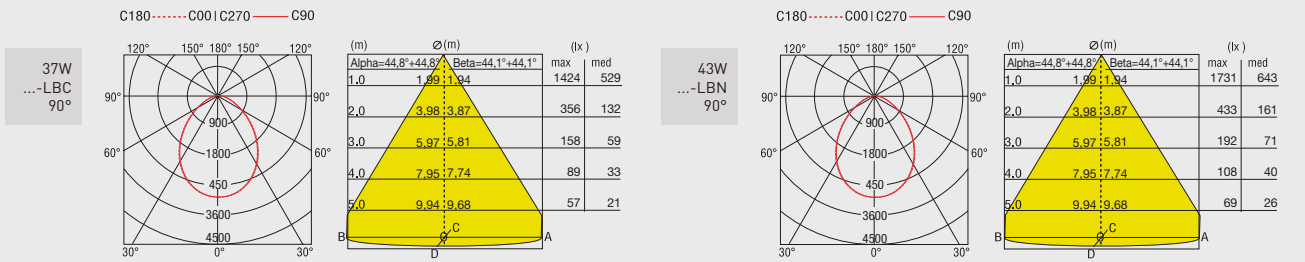
OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K** disponibile - available



ACC.	TIGES L. 600mm Bi 999051	TIGES L. 1200mm Bi 999061	KIT FUNI ACCIAIO - STEEL CABLES KIT Bi 62000-10
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Esempio di ordinazione
Ordering example

63075-LBC-S + 999051



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color





PARETE - PLAFONE - SOSPENSIONE • WALL - CEILING - SUSPENSION

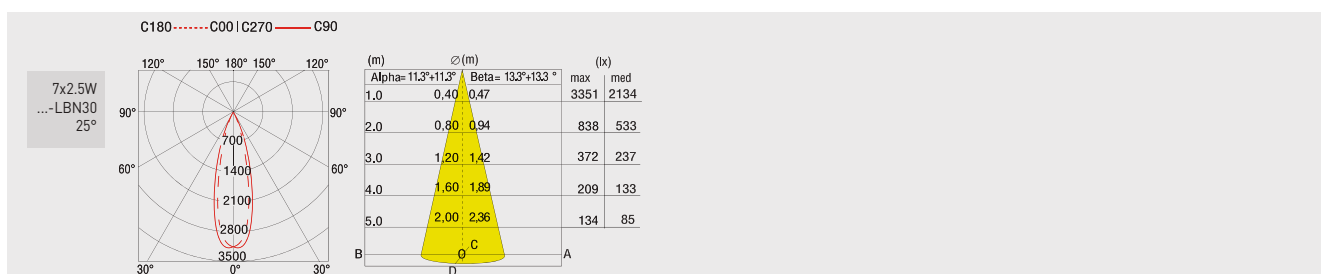
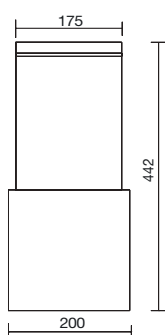
CEILING DECO



- Versione decorativa del prodotto CEILING per installazioni in ambienti interni.
 - Corpo e staffa di ancoraggio in fusione di alluminio.
 - Vetro di protezione temperato.
 - Diffusore in policarbonato opale.
- Decorative version of CEILING product for indoor applications.
 - Body and hanging bracket in die-cast aluminium.
 - Tempered protection glass.
 - Opal finished diffuser.



		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
4,50 Br 67510-LBN30 Ne 67511-LBN30 Gr 67512-LBN30		17,5W	1200	220-240V (700mA)	4000	>80	20W	956	48



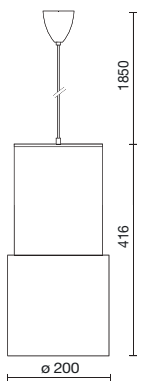


CEILING DECO S/MCL

- Versione decorativa del prodotto CEILING per installazioni in ambienti interni.
 - Corpo e staffa di ancoraggio in fusione di alluminio.
 - Vetro di protezione temperato.
 - Diffusore in policarbonato opale.
- Decorative version of CEILING product for indoor applications.
 - Body and hanging bracket in die-cast aluminium.
 - Tempered protection glass.
 - Opal finished diffuser.

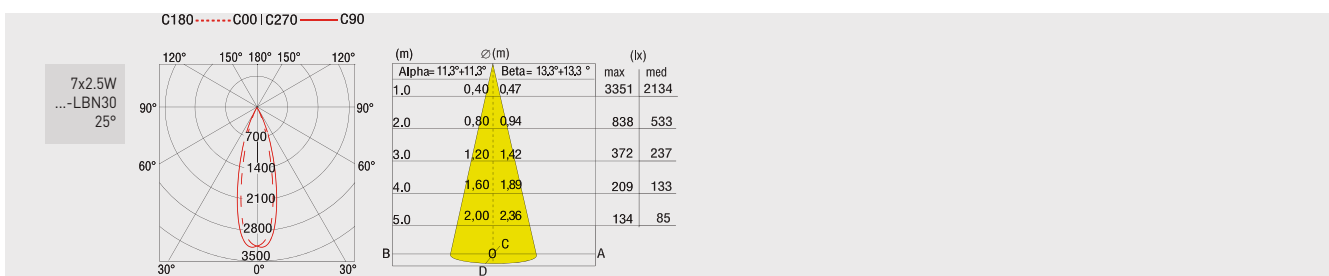


CEILING DECO S		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
Br 67513-LBN30 Ne 67514-LBN30 Gr 67515-LBN30		17,5W	1200	220-240V (700mA)	4000	>80	20	956	48



CEILING DECO MCL		LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W	Beam spread
Br 67515-LBC-30 67515-LBC-60 Ga 67516-LBC-30 67516-LBC-60 Ga 67517-LBC-30 67517-LBC-60		37W	4740	220-240V (1050mA)	3000	>80	41W	4315	105	(30°)
Br 67515-LBI-30 67515-LBI-60 Ga 67516-LBI-30 67516-LBI-60 Ga 67517-LBI-30 67517-LBI-60		37W	4970	220-240V (1050mA)	4000	>80	41W	4225	110	(30°)
							4175	102		(60°)

OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**



MINI TOWER MCL

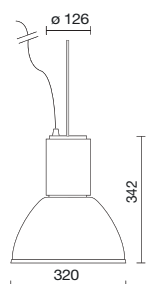


- Corpo in estruso di alluminio verniciato con polveri in poliestere.
- Riflettore in alluminio verniciato e metallizzato internamente.
- Gruppo di alimentazione integrato.
- Cavo di alimentazione lunghezza 2 m.

- Body made of extruded aluminium powder coated.
- Aluminium reflector with its interior painted and metalized.
- Built-in control gear.
- Power cable length 2 m.

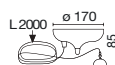


	LED	SISTEMA-SYSTEM																								
		W	lm	lm/W																						
	<table border="1"> <thead> <tr> <th>W</th> <th>lm</th> <th>V</th> <th>K</th> <th>CRI</th> </tr> </thead> <tbody> <tr> <td>37W</td> <td>4740</td> <td>220-240V</td> <td>3000</td> <td>>80</td> </tr> <tr> <td></td> <td>4970</td> <td>(1050mA)</td> <td>4000</td> <td></td> </tr> </tbody> </table>	W	lm	V	K	CRI	37W	4740	220-240V	3000	>80		4970	(1050mA)	4000		<table border="1"> <thead> <tr> <th>W</th> <th>lm</th> <th>lm/W</th> </tr> </thead> <tbody> <tr> <td>41W</td> <td>4228</td> <td>103</td> </tr> <tr> <td>41W</td> <td>4433</td> <td>108</td> </tr> </tbody> </table>	W	lm	lm/W	41W	4228	103	41W	4433	108
W	lm	V	K	CRI																						
37W	4740	220-240V	3000	>80																						
	4970	(1050mA)	4000																							
W	lm	lm/W																								
41W	4228	103																								
41W	4433	108																								

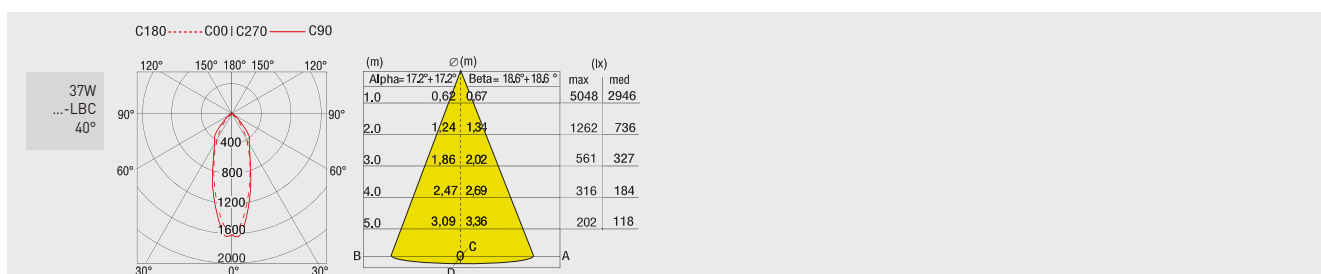


OP. A richiesta - On request: con adattatore per binario SITRACK - with SITRACK adaptor
 disponibile - available altezza corpo 349 mm - height body 349 mm
 Led con temperatura di COLORE 2700K - Temperature Led COLOUR 2700K

ACC. Bi 173 Rosone con fune acciaio m. 2
 Base plate with 2 m. steel cable



IP 20





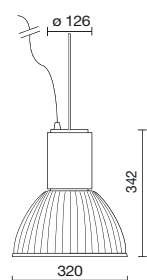
MINI TOWER MCL

- Corpo in estruso di alluminio verniciato con polveri in poliestere.
- Diffusore in policarbonato.
- Gruppo di alimentazione integrato.
- Cavo di alimentazione lunghezza 2 m.

- Body made of extruded aluminium powder coated.
- Polycarbonate diffuser.
- Built-in control gear.
- Power cable length 2 m.



	LED	SISTEMA-SYSTEM		
		(W)	(lm)	(lm/W)
5413-LBC	37W 4740	220-240V	3000	104
5413-LBN	4970	(1050mA)	4000	109

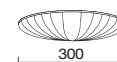


OP. A richiesta - On request: con adattatore per binario SITRACK - with SITRACK adaptor
 disponibile - available **ball** altezza corpo 349 mm - height body 349 mm
 Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

Diffusore in policarbonato opale - Opal polycarbonate diffuser-PO
 Diffusore in policarbonato con settore metallizzato - Partial metallized polycarbonate diffuser-PA

ACC.	Bi	173	Rosone con fune acciaio 2 m. Base plate with 2 m. steel cable

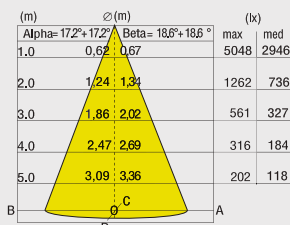
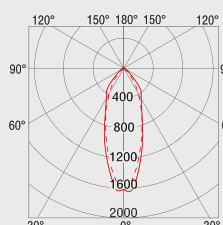
178 Kit schermo di chiusura in policarbonato completo di molle di bloccaggio
 Kit polycarbonate closing screen complete with lock springs



IP 20



C180.....C00 | C270 — C90







- Corpo in alluminio e struttura interna in acciaio verniciati con polveri epossidiche.
- Vano ottico in pressofusione verniciato in polveri.
- Gruppo di alimentazione integrato.
- Cavo di alimentazione lunghezza 2 m.
- Parabola sfaccettata in alluminio purissimo.
- Raffreddamento Led passivo.
- Vetro di protezione.
- Led durata utile: 50.000 (h).
- Costanza cromatica: <3 MCE.

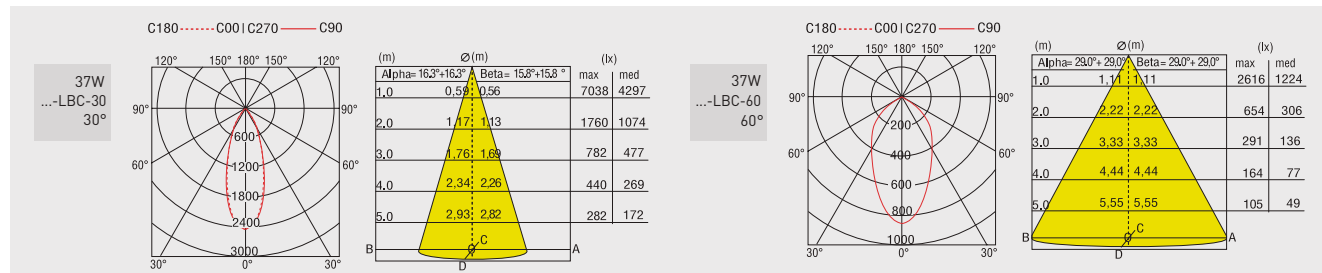
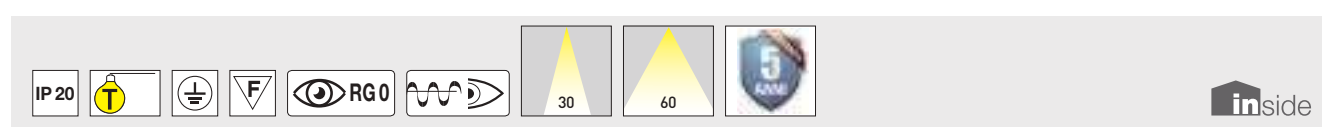
- Main body made of aluminium and steel, powder coated.
- Optic tray made of die-cast aluminium powder coated.
- Built-in power supply unit.
- Power cable length 2 m.
- Reflector in pure aluminium.
- Passive cooling Led.
- Protection glass.
- Led life: 50.000 (h).
- Chromatic constancy: <3 MCE.



	Br	Ne	Ga	LED					SISTEMA-SYSTEM							
				(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)					
	5401-LBC-30	5402-LBC-30	5403-LBC-30	5401-LBC-60	5402-LBC-60	5403-LBC-60	37W	4740	220-240V (1050mA)	3000	>80	41W	4230	103	(30°)	
	5401-LBN-30	5402-LBN-30	5403-LBN-30	5401-LBN-60	5402-LBN-60	5403-LBN-60	37W	4970	220-240V (1050m)	4000	>80	41W	4435	108	(30°)	
	5401LBC30-DA	5402LBC30-DA	5403LBC30-DA	5401LBC60-DA	5402LBC60-DA	5403LBC60-DA	37W	4740	220-240V (1050mA)	3000	>80	41W	4230	103	(30°)	
	5401LBN30-DA	5402LBN30-DA	5403LBN30-DA	5401LBN60-DA	5402LBN60-DA	5403LBN60-DA	37W	4970	220-240V (1050mA)	4000	>80	41W	4315	108	(30°)	

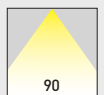
OP. A richiesta - On request: Adattatore per binario SITRACK - SITRACK adaptor
CRI>90
 Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

ACC. A richiesta - On request: vetro sabbato - On request: frosted glass





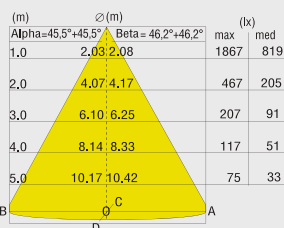
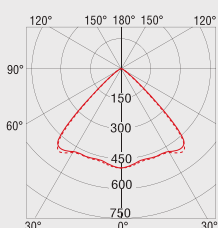
IP 20



inside

C180 C00 | C270 — C90

37W
...-LBC-DA
90°





- Corpo in alluminio e struttura interna in acciaio verniciati con polveri epossidiche.
- Vano ottico in pressofusione verniciato in polveri.
- Gruppo di alimentazione integrato.
- Cavo di alimentazione L 2 mt.
- Parabola in alluminio purissimo.
- Raffreddamento Led passivo.
- Schermo di protezione LED in policarbonato.
- Led durata utile: 50.000 (h).
- Costanza cromatica: <3 MCE.

- Main body made of aluminum and steel, powder coated.
- Optic tray made of die-cast aluminum powder coated.
- Built-in control gear.
- Power cable L 2 mt.
- Reflector in pure aluminum.
- Passive cooling Led.
- Protection LED polycarbonate frame.
- Led life: 50.000 (h).
- Chromatic constancy: <3 MCE.



		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	Br 5404-LBC Ne 5405-LBC Ga 5406-LBC	37W	4740	220-240V (1050mA)	3000	>80	41W	4220	103
	Br 5404-LBN Ne 5405-LBN Ga 5406-LBN	37W	4970	220-240V (1050mA)	4000	>80	41W	4430	108
	versione-version PLUS								
	Br 5407-LBC Ne 5408-LBC Ga 5409-LBC	43W	5280	220-240V (1200mA)	3000	>80	47W	4532	96
	Br 5407-LBN Ne 5408-LBN Ga 5409-LBN	43W	5520	220-240V (1200mA)	4000	>80	47W	4738	101
	Br 5404-LBC-DA Ne 5405-LBC-DA Ga 5406-LBC-DA	37W	4740	220-240V (1050mA)	3000	>80	41W	4220	103
	Br 5404-LBN-DA Ne 5405-LBN-DA Ga 5406-LBN-DA	37W	4970	220-240V (1050mA)	4000	>80	41W	4430	107
	versione-version PLUS								
	Br 5407-LBC-DA Ne 5408-LBC-DA Ga 5409-LBC-DA	43W	5280	220-240V (1200mA)	3000	>80	47W	4532	96
	Br 5407-LBN-DA Ne 5408-LBN-DA Ga 5409-LBN-DA	43W	5280	220-240V (1200mA)	4000	>80	47W	4738	101

OP. A richiesta - On request: Adattatore per binario SITRACK - SITRACK adaptor

CRI>90

Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

SD-Highbay



IP 65
IK 08



850° C



2m



RG 0



50

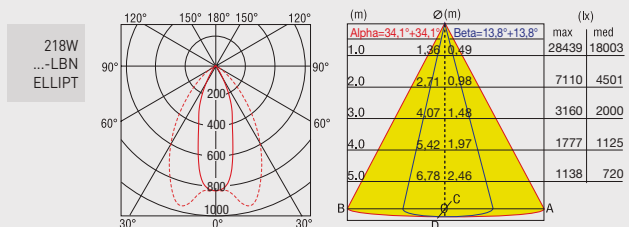
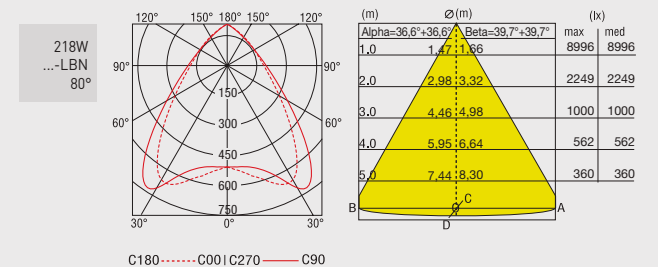
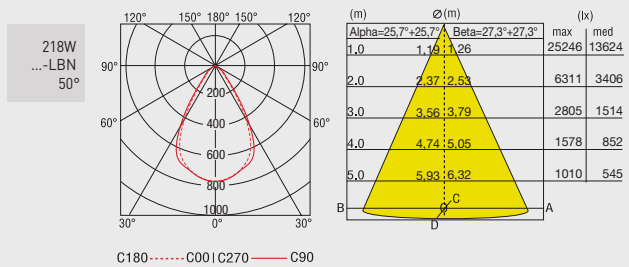


80



5
ANNO

inside





- Corpo in alluminio pressofuso con alette dissipanti integrate.
- Verniciatura con polveri di poliestere con trattamento speciale per esterni.
- Riflettore in alluminio purissimo.
- Vetro di protezione spessore 4 mm temperato extrachiaro.
- Connettore stagno IP68 presa/spina ad innesto rapido.
- Dispositivo di protezione sovratensioni 10 KV.
- Ta -25+40°C.
- Led durata utile: 85.000 (h) L80 B10.
- Costanza cromatica: 2 SDCM.
- Fattore di potenza > 0,95.
- Lumen tipici aTp. 65°, Temperatura rilevata Tp 62°C.
- Utilizzabile con linee di emergenza ad alimentazione centralizzata.



- Die-cast aluminum body with integrated dissipating fins.
- Painting with polyester powders with special treatment for outdoor use.
- Reflector in pure aluminum.
- Clear tempered glass diffuser 4mm thick.
- IP68 quick plug and socket.
- 10 KV overvoltage protection device.
- Working temperature: -25 +40°C.
- Led life: 85.000 (h) L80 B10.
- Color precision: 2 SDCM.
- Power factor > 0.95.
- Lumen typical values aTp. 65°, Temperature detected Tp 62°C.
- Usable with emergency lines with centralized power-supply.

	SOSPENSIONE - SUSPENSION	GrA E6000-LBN	E6005-LBN	E6010-LBN	LED		V	K	CRI	SISTEMA-SYSTEM		
					W	lm				W	lm	lm/W
	GrA E6000-LBN	E6005-LBN	E6010-LBN	218W	32640	220-240V (1050mA)	4000	>80	234W*	28530*	122	
	GrA E6001-LBN	E6006-LBN	E6011-LBN	148W	21720	220-240V (1050mA)	4000	>80	164W*	18219*	111	
	GrA E6003-LBN	E6007-LBN	E6009-LBN	82W	13560	220-240V (600mA)	4000	>80	92W*	11374*	124	
	GrA E6000-LBN-DA	E6005-LBN-DA	E6010-LBN-DA	218W	32640	220-240V (1050mA)	4000	>80	234W*	28530*	122	
	GrA E6001-LBN-DA	E6006-LBN-DA	E6011-LBN-DA	148W	21720	220-240V (1050mA)	4000	>80	164W*	18219*	111	

	PARETE/PLAFONE - WALL/CEILING	GrA E6000-LBN-P	E6005-LBN-P	E6010-LBN-P	LED		V	K	CRI	SISTEMA-SYSTEM		
					W	lm				W	lm	lm/W
	GrA E6000-LBN-P	E6005-LBN-P	E6010-LBN-P	218W	32640	220-240V (1050mA)	4000	>80	234W*	28530*	122	
	GrA E6001-LBN-P	E6006-LBN-P	E6011-LBN-P	148W	21720	220-240V (1050mA)	4000	>80	164W*	18219*	111	
	GrA E6003-LBN-P	E6007-LBN-P	E6009-LBN-P	82W	13560	220-240V (600mA)	4000	>80	92W*	11374*	124	
	GrA E6000LBN-DA-P	E6005LBN-DA-P	E6010LBN-DA-P	218W	32640	220-240V (1050mA)	4000	>80	234W*	28530*	122	
	GrA E6001LBN-DA-P	E6006LBN-DA-P	E6011LBN-DA-P	148W	21720	220-240V (1050mA)	4000	>80	164W*	18219*	111	

OP. A richiesta - On request: griglia di protezione - protection grid



ACC. E6002 Paraluce - Lens hood



*Valori riferiti agli apparecchi con fascio luminoso da - Value for fittings with beam angle




BIG SOSPENSIONE 270-360











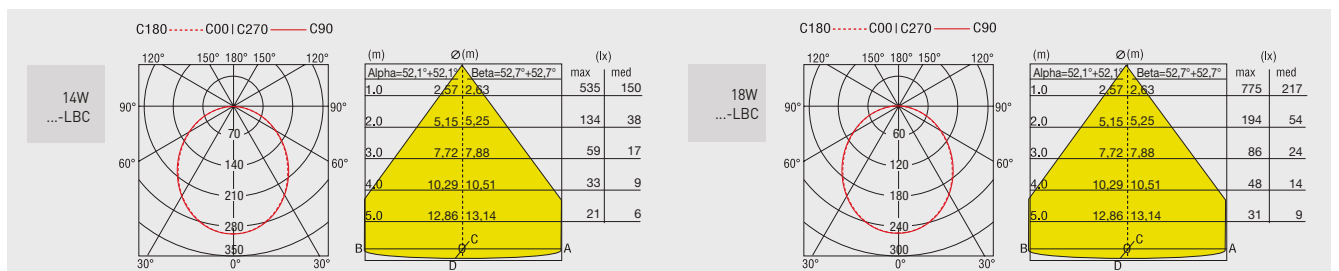
- Verniciatura per interni in polveri epossidiche.
- Pressacavo in gomma siliconica.
- Cavo alimentazione lunghezza 2 m.
- Bloccacavo termoplastico.
- Disco fissaggio e dissipazione Led in alluminio.
- Diffusore superiore in policarbonato.
- Diffusore inferiore in metacrilato bi-satinato.
- Cavetti di sospensione in acciaio con morsetto automatico.
Diametro 1,5 mm - Sezione 0,87 mmq - Portata max 25Kg - Carico di rottura 194Kg.
- Led durata utile: 50.000 (h) L70 B10.
- **UGR <19 su richiesta.**

- Indoor epoxy powder painting.
- Cable gland in silicon rubber.
- Driver cable length 2 m.
- Thermoplastic cable clamp.
- Aluminium fixing disk and Led dissipation.
- Polycarbonate upper diffuser.
- Bi-satin methacrylate lower diffuser.
- Steel suspension cables with automatic clamp.
Diameter 1,5 mm - Cables section 0,87 mmq - Max load 25Kg - Breaking load 194Kg.
- Led life: 50.000 (h) L70 B10.
- **UGR <19 on request.**



	LED					SISTEMA-SYSTEM		
	W	lm	V	K	CRI	W	lm	lm/W
 BIG SOSPENSIONE 270 ON-OFF LUCE DIRETTA - DIRECT LIGHT Br 5505-LBC Ne 5506-LBC Gr 5507-LBC	14W	1800	220-240V (500mA)	3000	>80	16W	1443	90
	14W	1950	220-240V (500mA)	4000	>80	16W	1563	98
	14W	1800	220-240V (500mA)	3000	>80	16W	1443	90
DIM 1-10V Br 5505-LBC-DIM Ne 5506-LBC-DIM Gr 5507-LBC-DIM	14W	1950	220-240V (500mA)	4000	>80	16W	1563	98
	14W	1800	220-240V (500mA)	3000	>80	16W	1443	90
	14W	1950	220-240V (500mA)	4000	>80	16W	1563	98
 Sa emergenza - emergency Br 5505-LBC-EM1 Ne 5506-LBC-EM1 1h Gr 5507-LBC-EM1	14W	1800	220-240V (500mA)	3000	>80	16W	1443	90
	14W	1950	220-240V (500mA)	4000	>80	16W	1563	98
	14W	1800	220-240V (500mA)	3000	>80	16W	1443	90
 DALI Br 5505-LBC-DA Ne 5506-LBC-DA Ga 5507-LBC-DA	14W	1800	220-240V (500mA)	3000	>80	16W	1443	90
	14W	1950	220-240V (500mA)	4000	>80	16W	1563	98
	14W	1800	220-240V (500mA)	3000	>80	16W	1443	90
ACC.	409600 Schermo DIAMOND PRISM per versione UGR<19 - DIAMOND PRISM diffuser for UGR<19 version							





	LED					SISTEMA-SYSTEM		
	W	lm	V	K	CRI	W	lm	lm/W
<p>BIG SOSPENSIONE 360 ON-OFF LUCE DIRETTA - DIRECT LIGHT</p> <p>Br 5513-LBC Ne 5514-LBC Gr 5515-LBC</p> <p>Br 5513-LBN Ne 5514-LBN Gr 5515-LBN</p> <p>DIM 1-10V Br 5513-LBC-DIM Ne 5514-LBC-DIM Gr 5515-LBC-DIM</p> <p>Br 5513-LBN-DIM Ne 5514-LBN-DIM Gr 5515-LBN-DIM</p> <p>Sa emergenza - emergency Br 5513-LBC-EM1 Ne 5514-LBC-EM1 1h Gr 5515-LBC-EM1</p> <p>Br 5513-LBN-EM1 Ne 5514-LBN-EM1 1h Gr 5515-LBN-EM1</p> <p>DALI</p> <p>Br 5513-LBC-DA Ne 5514-LBC-DA Ga 5515-LBC-DA</p> <p>Br 5513-LBN-DA Ne 5514-LBN-DA Ga 5515-LBN-DA</p>	18W	2600	220-240V (700mA)	3000	>80	21W	2089	99
	18W	2840	220-240V (700mA)	4000	>80	21W	2282	109
	18W	2600	220-240V (700mA)	3000	>80	21W	2089	99
	18W	2840	220-240V (700mA)	4000	>80	21W	2282	109
	18W	2600	220-240V (700mA)	3000	>80	21W	2089	99
	18W	2840	220-240V (700mA)	4000	>80	21W	2282	109
	18W	2600	220-240V (700mA)	3000	>80	21W	2088	99
	18W	2840	220-240V (700mA)	4000	>80	21W	2282	109

OP. A richiesta - On request: disponibile - available version

ACC. 409700 Schermo DIAMOND PRISM per versione UGR<19 - DIAMOND PRISM diffuser for UGR version



BIG SOSPENSIONE 550



- Verniciatura per interni in polveri epossidiche.
- Pressacavo in gomma silconica.
- Cavo alimentazione lunghezza 2 m.
- Bloccacavo termoplastico.
- Disco fissaggio e dissipazione Led in alluminio.
- Diffusore superiore in policarbonato.
- Diffusore inferiore in metacrilato bi-satinato.
- Cavetti di sospensione in acciaio con morsetto automatico. Diametro 1,4 mm - Sezione 0,87 mmq - Portata max 25Kg Carico di rottura 194Kg.
- Led durata utile: 50.000 (h) L70 B10.
- **UGR <19 su richiesta.**

- Indoor epoxy powder painting.
- Cable gland in silicon rubber.
- Driver cable length 2 m.
- Thermoplastic cable clamp.
- Aluminium fixing disk and Led dissipation.
- Polycarbonate upper diffuser.
- Bi-satin methacrylate lower diffuser.
- Steel suspension cables with automatic clamp. Diameter 1,5 mm - Cables section 0,87 mmq Max load 25Kg - Breaking load 194Kg.
- Led life: 50.000 (h) L70 B10.
- **UGR <19 on request.**



	LED	SISTEMA-SYSTEM		
		(W)	(lm)	(lm/W)
ON-OFF LUCE DIRETTA - DIRECT LIGHT Br 5485-LBC Ne 5486-LBC Gr 5487-LBC	42W 5500	220-240V (700mA)	3000 >80	46W 4411 96
Br 5485-LBN Ne 5486-LBN Gr 5487-LBN	42W 5740	220-240V (700mA)	4000 >80	46W 4603 100
LUCE DIRETTA + INDIRECTA - DIRECT + INDIRECT LIGHT Br 5488-LBC Ne 5489-LBC Gr 5490-LBC	42W 5500 21W 2750	220-240V (700mA)	3000 >80	46W 4218 21W 2108 94
Br 5488-LBN Ne 5489-LBN Gr 5490-LBN	42W 5740 21W 2870	220-240V (700mA)	4000 >80	46W 4400 21W 2200 99
DIM 1-10V LUCE DIRETTA - DIRECT LIGHT Br 5485-LBC-DIM Ne 5486-LBC-DIM Gr 5487-LBC-DIM	42W 5500	220-240V (700mA)	3000 >80	46W 4411 96
Br 5485-LBN-DIM Ne 5486-LBN-DIM Gr 5487-LBN-DIM	42W 5740	220-240V (700mA)	4000 >80	46W 4603 100
LUCE DIRETTA + INDIRECTA - DIRECT + INDIRECT LIGHT Br 5488-LBC-DIM Ne 5489-LBC-DIM Gr 5490-LBC-DIM	42W 5500 21W 2750	220-240V (700mA)	3000 >80	46W 4218 21W 2108 94
Br 5488-LBN-DIM Ne 5489-LBN-DIM Gr 5490-LBN-DIM	42W 5740 21W 2870	220-240V (700mA)	4000 >80	46W 4400 21W 2200 99
Sa emergenza - emergency LUCE DIRETTA - DIRECT LIGHT Br 5485-LBC-EM1 Ne 5486-LBC-EM1 1h Gr 5487-LBC-EM1	42W 5500	220-240V (700mA)	3000 >80	46W 4411 96
Br 5485-LBN-EM1 Ne 5486-LBN-EM1 1h Gr 5487-LBN-EM1	42W 5740	220-240V (700mA)	4000 >80	46W 4603 100

SEMPRE ACCESO: n. 4 schede Led funzionanti per tutta la superficie dello schermo del prodotto.
 EMERGENZA: n. 2 schede Led alternate funzionanti e n° 2 schede in OFF.
 ALWAYS ON: n. 4 Led cards switch on for the whole screen's surface.
 EMERGENCY MODE: n. 2 Led alternated cards switch on and n. 2 Led cards Switch OFF.

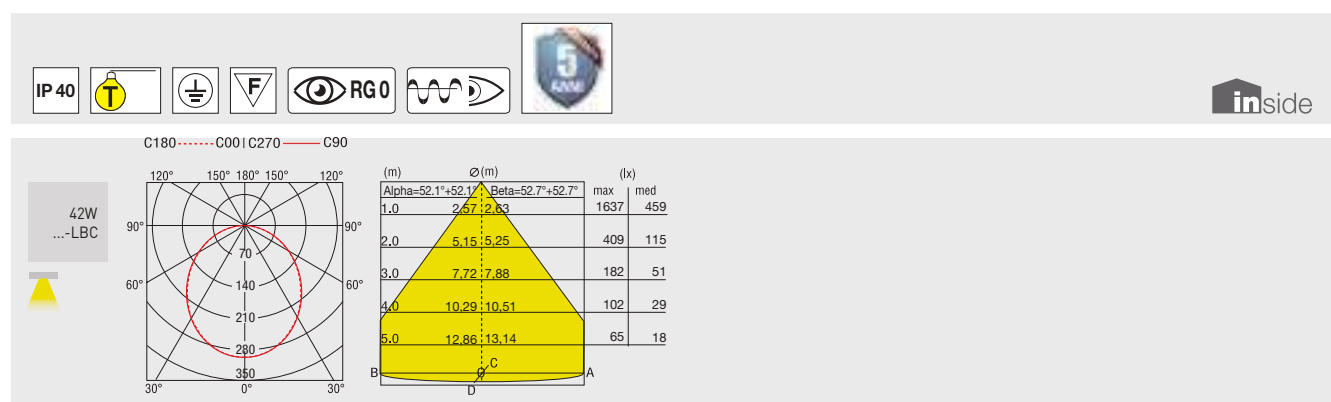


OP. A richiesta - On request; disponibile - available version **UGR <19**

ACC. 409500 Schermo DIAMOND PRISM per versione UGR <19 - DIAMOND PRISM diffuser for UGR <19 version



	DALI	LED					SISTEMA-SYSTEM			
		(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)	
	LUCE DIRETTA - DIRECT LIGHT Br 5485-LBC-DA Ne 5486-LBC-DA Ga 5487-LBC-DA	42W	5500	220-240V (700mA)	3000	>80	46W	4411	96	
	Br 5485-LBN-DA Ne 5486-LBN-DA Ga 5487-LBN-DA	42W	5740	220-240V (700mA)	4000	>80	46W	4603	100	
	LUCE DIRETTA + INDIRETTA - DIRECT + INDIRECTLIGHT Br 5488-LBC-DA Ne 5489-LBC-DA Ga 5490-LBC-DA	42W 21W	5500 2750	220-240V (700mA)	3000	>80	46W 21W	4218 2108	94	
	Br 5488-LBN-DA Ne 5489-LBN-DA Ga 5490-LBN-DA	42W 21W	5740 2870	220-240V (700mA)	3000	>80	46W 21W	4401 2200	99	



BIG SOSPENSIONE 750



- Verniciatura per interni in polveri epossidiche.
- Pressacavo in gomma siliconica.
- Cavo alimentazione lunghezza 2 m.
- Bloccacavo termoplastico.
- Disco fissaggio e dissipazione Led in alluminio.
- Diffusore superiore in policarbonato.
- Diffusore inferiore in metacrilato bi-satinato.
- Cavetti di sospensione in acciaio con morsetto automatico. Diametro 1,5 mm - Sezione 0,87 mmq Portata max 25Kg - Carico di rottura 194Kg.
- Led durata utile: 50.000 (h) L70 B10.
- **UGR <19 su richiesta.**

- Indoor epoxy powder painting.
- Cable gland in silicon rubber.
- Driver cable length 2 m.
- Thermoplastic cable clamp.
- Aluminium fixing disk and Led dissipation.
- Polycarbonate upper diffuser.
- Bi-satin methacrylate lower diffuser.
- Steel suspension cables with automatic clamp. Diameter 1,5 mm - Cables section 0,87 mmq Max load 25Kg - Breaking load 194Kg.
- Led life: 50.000 (h) L70 B10.
- **UGR <19 on request.**



		LED					SISTEMA-SYSTEM		
		W	lm	V	K	(CRI)	W	lm	(lm)
	ON-OFF LUCE DIRETTA - DIRECT LIGHT Br 5491-LBC Ne 5492-LBC Gr 5493-LBC	80W	11248	220-240V (700mA)	3000	>80	84W	8572	102
	 Br 5491-LBN Ne 5492-LBN Gr 5493-LBN	80W	11488	220-240V (700mA)	4000	>80	84W	8755	104
	LUCE DIRETTA + INDIRETTA - DIRECT + INDIRECT LIGHT Br 5494-LBC Ne 5495-LBC Gr 5496-LBC	80W 40W	11248 5624	220-240V (700mA)	3000	>80	84W 40W	8626 4313	104
	 Br 5494-LBN Ne 5495-LBN Gr 5496-LBN	80W 40W	11488 5744	220-240V (700mA)	4000	>80	84W 40W	8810 4405	107
	DIM 1-10V LUCE DIRETTA - DIRECT LIGHT Br 5491-LBC-DIM Ne 5492-LBC-DIM Gr 5493-LBC-DIM	80W	11248	220-240V (700mA)	3000	>80	84W	8572	102
	 Br 5491-LBN-DIM Ne 5492-LBN-DIM Gr 5493-LBN-DIM	80W	11488	220-240V (700mA)	4000	>80	84W	8755	104
	LUCE DIRETTA + INDIRETTA - DIRECT + INDIRECT LIGHT Br 5494-LBC-DIM Ne 5495-LBC-DIM Gr 5496-LBC-DIM	80W 40W	11248 5624	220-240V (700mA)	3000	>80	84W 40W	8626 4313	104
	 Br 5494-LBN-DIM Ne 5495-LBN-DIM Gr 5496-LBN-DIM	80W 40W	11488 5744	220-240V (700mA)	4000	>80	84W 40W	8810 4403	107
	 Sa emergenza - emergency LUCE DIRETTA - DIRECT LIGHT Br 5491-LBC-EM1 Ne 5492-LBC-EM1 1h Gr 5493-LBC-EM1	80W	11248	220-240V (700mA)	3000	>80	84W	8572	102
	 Br 5491-LBN-EM1 Ne 5492-LBN-EM1 1h Gr 5493-LBN-EM1	80W	11488	220-240V (700mA)	4000	>80	84W	8755	104


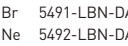
SEMPRE ACCESO: n. 8 schede Led funzionanti per tutta la superficie dello schermo del prodotto.
 EMERGENZA: n. 4 schede Led alternate funzionanti e n° 4 schede in OFF.
 ALWAYS ON: n. 8 Led cards switch on for the whole screen's surface.
 EMERGENCY MODE: n. 4 Led alternated cards switch on and n. 4 Led cards Switch OFF.

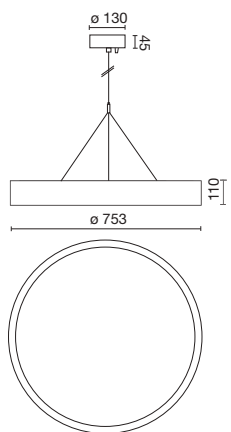


OP. A richiesta - On request: disponibile - available version **UGR <19**

ACC. 409800 Schermo DIAMOND PRISM per versione UGR <19 - DIAMOND PRISM diffuser for UGR <19 version



	LED		SISTEMA-SYSTEM					
	W	lm	V	K	CRI	W	lm	lm/W
 LUCE DIRETTA - DIRECT LIGHT Br 5491-LBC-DA Ne 5492-LBC-DA Ga 5493-LBC-DA	80W	11248	220-240V (700mA)	3000	>80	84W	8572	102
 Br 5491-LBN-DA Ne 5492-LBN-DA Ga 5493-LBN-DA	80W	114488	220-240V (700mA)	4000	>80	84W	8755	104
LUCE DIRETTA + INDIRETTA - DIRECT + INDIRECT LIGHT Br 5494-LBC-DA Ne 5495-LBC-DA Ga 5496-LBC-DA	80W 40W	11248 5625	220-240V (700mA)	3000	>80	84W 40W	8626 4113	104
Br 5494-LBN-DA Ne 5495-LBN-DA Ga 5496-LBN-DA	80W 40W	11488 5744	220-240V (700mA)	4000	>80	84W 40W	8810 4405	107

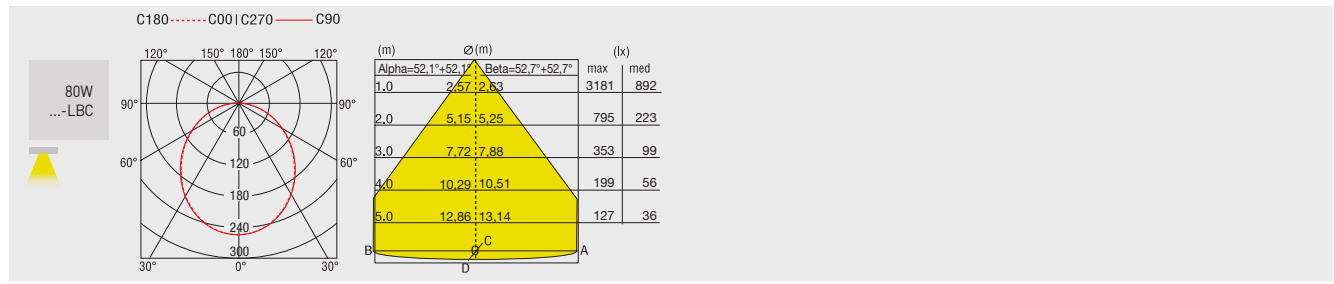










ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color

BIG SOSPENSIONE 1030



- Verniciatura per interni in polveri epossidiche.
- Pressacavo in gomma siliconica.
- Cavo alimentazione lunghezza 2 m.
- Bloccacavo termoplastico.
- Disco fissaggio e dissipazione Led in alluminio.
- Diffusore superiore in policarbonato.
- Diffusore inferiore in metacrilato bi-satinato.
- Cavetti di sospensione in acciaio con morsetto automatico.
Diametro 1,5 mm - Sezione 0,87 mmq - Portata max 25Kg - Carico di rottura 194Kg.
- Led durata utile: 50.000 (h) L70 B10.
- **UGR <19 su richiesta.**

- Indoor epoxy powder painting.
- Cable gland in silicon rubber.
- Driver cable length 2 m.
- Thermoplastic cable clamp.
- Aluminium fixing disk and Led dissipation.
- Polycarbonate upper diffuser.
- Bi-satin methacrylate lower diffuser.
- Steel suspension cables with automatic clamp.
Diameter 1,5 mm - Cables section 0,87 mmq - Max load 25Kg - Breaking load 194Kg.
- Led life: 50.000 (h) L70 B10.
- **UGR <19 su richiesta.**



	LED	SISTEMA-SYSTEM							
		W	lm	lm/W					
	ON-OFF LUCE DIRETTA - DIRECT LIGHT Br 5497-LBC Ne 5498-LBC Gr 5499-LBC	187,5W	25100	220-240V (1050mA)	3000	>80	191,5W	19128	100
	Br 5497-LBN Ne 5498-LBN Gr 5499-LBN	187,5W	25520	220-240V (1050mA)	4000	>80	191,5W	19549	103
	LUCE DIRETTA + INDIRETTA - DIRECT + INDIRECT LIGHT Br 5500-LBC Ne 5501-LBC Gr 5502-LBC	187,5W 92W	25100 12400	220-240V (1050mA)	3000	>80	191,5W 92W	18870 9220	98
	Br 5500-LBN Ne 5501-LBN Gr 5502-LBN	187,5W 92W	25520 12600	220-240V (1050mA)	4000	>80	191,5W 92W	18985 9370	100
	Sa emergenza - emergency LUCE DIRETTA - DIRECT LIGHT Br 5497-LBC-EM1 Ne 5498-LBC-EM1 1h Gr 5499-LBC-EM1	187,5W	25100	220-240V (1050mA)	3000	>80	191,5W	19128	100
	Br 5497-LBN-EM1 Ne 5498-LBN-EM1 1h Gr 5499-LBN-EM1	187,5W	25520	220-240V (1050mA)	4000	>80	191,5W	19449	103

SEMPRE ACCESSO: n. 8 schede Led funzionanti per tutta la superficie dello schermo del prodotto.
 EMERGENZA: n. 4 schede Led alternate funzionanti e n° 4 schede in OFF.
 ALWAYS ON: n. 8 Led cards switch on for the whole screen's surface.
 EMERGENCY MODE: n. 4 Led alternated cards switch on and n. 4 Led cards Switch OFF.






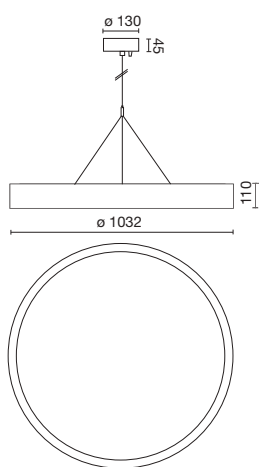
OP. A richiesta - On request: versioni dimmerabili 1+10V - dimmable 1+10V
 disponibile - available











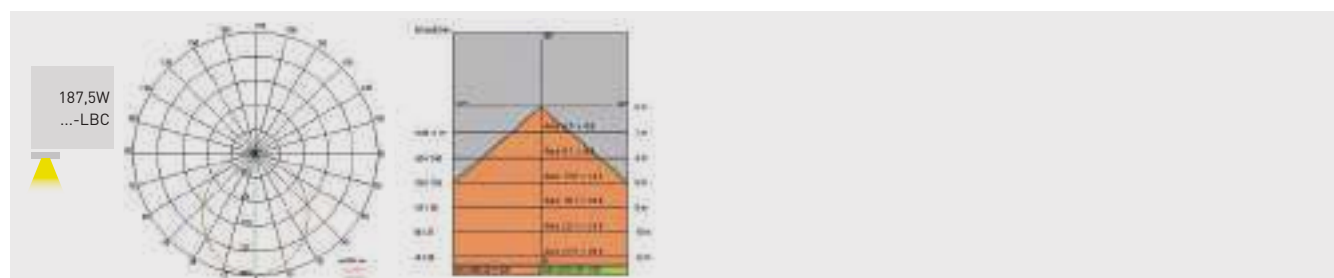
ACC. 409900 Schermo DIAMOND PRISM per versione UGR <19 - DIAMOND PRISM diffuser for UGR <19 version



	LED					SISTEMA-SYSTEM		
	W	lm	V	K	CRI	W	lm	(lm/W)
								
LUCE DIRETTA - DIRECT LIGHT Br 5497-LBC-DA Ne 5498-LBC-DA Ga 5499-LBC-DA	187,5W	25100	220-240V (1050mA)	3000	>80	191,5W	19128	100
 Br 5497-LBN-DA Ne 5498-LBN-DA Ga 5499-LBN-DA	187,5W	25200	220-240V (1050mA)	4000	>80	191,5W	19449	102
LUCE DIRETTA + INDIRETTA - DIRECT + INDIRECT LIGHT Br 5500-LBC-DA Ne 5501-LBC-DA Ga 5502-LBC-DA	187,5W 92W	25100 12400	220-240V (1050mA)	3000	>80	191,5W 92W	18670 9220	98
 Br 5500-LBN-DA Ne 5501-LBN-DA Ga 5502-LBN-DA	187,5W 92W	25200 12600	220-240V (1050mA)	4000	>80	191,5W 92W	18985 9370	100





ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color





BIG FLAT SOSPENSIONE 360-440

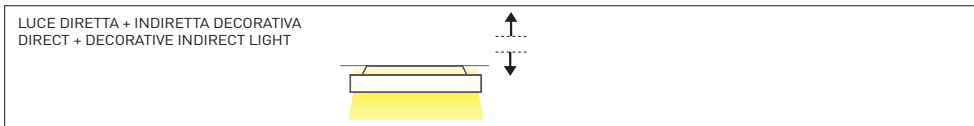
- Corpo in lamiera di acciaio verniciato in polveri.
- Schermo diffusore in policarbonato bi-satinato.
- Pressacavo in nylon 66.
- Luce diretta - Luce indiretta decorativa.
- Led durata utile: 50.000 (h) L70 B10.

- Body made of sheet steel powder coated.
- Bi-satin polycarbonate diffuser.
- Cable gland in nylon 66.
- Direct and decorative indirect light.
- Led life: 50.000 (h) L70 B10.



	LED	SISTEMA-SYSTEM						
		W	lm	lm/W				
	BIG FLAT 360							
	Br 5525-LBC-S	18W	2600	220-240V (700mA)	3000	>80	21W 1577 75	
	Ne 5526-LBC-S							
	Gr 5527-LBC-S							
	Br 5525-LBN-S	18W	2840	220-240V (700mA)	4000	>80	21W 1722 82	
	Ne 5526-LBN-S							
	Gr 5527-LBN-S							
	DIM 1-10V							
	Br 5525LBC-DIM-S	18W	2600	220-240V (700mA)	3000	>80	21W 1577 75	
	Ne 5526LBC-DIM-S							
	Gr 5527LBC-DIM-S							
		BIG FLAT 440						
Br 5565-LBC-S		34W	3540	220-240V (700mA)	3000	>80	38W 2147 56	
Ne 5566-LBC-S								
Gr 5567-LBC-S								
Br 5565-LBN-S		34W	3724	220-240V (700mA)	4000	>80	38W 2255 59	
Ne 5566-LBN-S								
Gr 5567-LBN-S								
DIM 1-10V								
Br 5565LBC-DIM-S		34W	3540	220-240V (700mA)	3000	>80	38W 2147 56	
Ne 5566LBC-DIM-S								
Gr 5567LBC-DIM-S								
Br 5565LBN-DIM-S		34W	3724	220-240V (700mA)	4000	>80	38W 2255 59	
Ne 5566LBN-DIM-S								
Gr 5567LBN-DIM-S								
	DALI							
	Br 5525-LBC-DA-S	18W	2600	220-240V (700mA)	3000	>80	21W 1577 75	
	Ne 5526-LBC-DA-S							
	Gr 5527-LBC-DA-S							
	Br 5525-LBN-DA-S	18W	2840	220-240V (700mA)	4000	>80	21W 1722 82	
	Ne 5526-LBN-DA-S							
	Gr 5527-LBN-DA-S							
		DALI						
		Br 5565-LBC-DA-S	34W	3540	220-240V (700mA)	3000	>80	36W 2147 56
		Ne 5566-LBC-DA-S						
		Gr 5567-LBC-DA-S						
		Br 5565-LBN-DA-S	34W	3724	220-240V (700mA)	4000	>80	36W 2255 59
Ne 5566-LBN-DA-S								
Gr 5567-LBN-DA-S								

ACC. 409700 Schermo DIAMOND PRISM per versione UGR <19 - DIAMOND PRISM diffuser for UGR <19 version - **BIG FLAT 360**
 409995 Schermo DIAMOND PRISM per versione UGR <19 - DIAMOND PRISM diffuser for UGR <19 version - **BIG FLAT 440**



*Solo con accessorio - Only with accessory

ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color



PARETE - PLAFONE - SOSPENSIONE • WALL - CEILING - SUSPENSION

BIG FLAT SOSPENSIONE 550



- Corpo in lamiera di acciaio verniciato in polveri.
- Schermo diffusore in policarbonato bi-satinato.
- Pressacavo in nylon 66.
- Luce diretta - Luce indiretta decorativa.
- Sospensioni con funi in acciaio L. 2100 mm.
- Led durata utile: 50.000 (h) L70 B10.

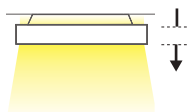
- Body made of sheet steel.
- Bi-satin polycarbonate diffuser.
- Cable gland in nylon 66.
- Direct and indirect decorative light.
- Suspension with steel cables L. 2100 mm.
- Led life: 50.000 (h) L70 B10.



	Br	Ne	Gr	LED					SISTEMA-SYSTEM			
				W	lm	V	K	CRI	W	lm	lm/W	
	5535-LBC-S	5536-LBC-S	5537-LBC-S	51W	6600	220-240V (700mA)	3000	>80	55W	4003	73	
	5535-LBN-S	5536-LBN-S	5537-LBN-S	51W	6928	220-240V (700mA)	4000	>80	55W	4202	76	
	DIM 1-10V											
	5535LBC-DIM-S	5536LBC-DIM-S	5537LBC-DIM-S	51W	6600	220-240V (700mA)	3000	>80	55W	4003	73	
	5535LBN-DIM-S	5536LBN-DIM-S	5537LBN-DIM-S	51W	6928	220-240V (700mA)	4000	>80	55W	4202	76	
	DALI											
	5535-LBC-DA-S	5536-LBC-DA-S	5537-LBC-DA-S	51W	6600	220-240V (700mA)	3000	>80	55W	4003	73	
	5535-LBN-DA-S	5536-LBN-DA-S	5537-LBN-DA-S	51W	6928	220-240V (700mA)	4000	>80	55W	4202	76	

ACC. 409500 Schermo DIAMOND PRISM per versione UGR <19 - DIAMOND PRISM diffuser for UGR <19 version

LUCE DIRETTA + INDIRETTA DECORATIVA
DIRECT + DECORATIVE INDIRECT LIGHT



*Solo con accessorio - Only with accessory







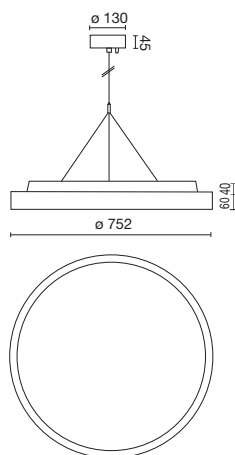
BIG FLAT SOSPENSIONE 750

- Corpo in lamiera di acciaio verniciato in polveri.
- Schermo diffusore in policarbonato bi-satinato.
- Pressacavo in nylon 66.
- Luce diretta - Luce indiretta decorativa.
- Sospensioni con funi in acciaio L. 2100 mm.
- Led durata utile: 50.000 (h) L70 B10.

- Body made of sheet steel powder coated.
- Bi-satin polycarbonate diffuser.
- Cable gland in nylon 66.
- Direct and indirect decorative light.
- Suspension with steel cables L. 2100 mm.
- Led life: 50.000 (h) L70 B10.



	LED					SISTEMA-SYSTEM		
	W	lm	V	K	CRI	W	lm	lm/W
 Br 5555-LBC-S Ne 5556-LBC-S Gr 5557-LBC-S	80W	11248	220-240V (700mA)	3000	>80	84W	6822	81
Br 5555-LBN-S Ne 5556-LBN-S Gr 5557-LBN-S	80W	11488	220-240V (700mA)	4000	>80	84W	6967	83
DIM 1-10V Br 5555LBC-DIM-S Ne 5556LBC-DIM-S Gr 5557LBC-DIM-S	80W	11248	220-240V (700mA)	3000	>80	84W	6822	81
 Br 5555LBN-DIM-S Ne 5556LBN-DIM-S Gr 5557LBN-DIM-S	80W	11488	220-240V (700mA)	4000	>80	84W	6967	83
Br 5555-LBC-DA-S Ne 5556-LBC-DA-S Gr 5557-LBC-DA-S	80W	11248	220-240V (700mA)	3000	>80	84W	6822	81
Br 5555-LBN-DA-S Ne 5556-LBN-DA-S Gr 5557-LBN-DA-S	80W	11488	220-240V (700mA)	4000	>80	84W	6967	83

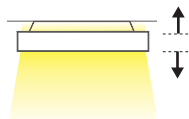


12,20



ACC. 409800 Schermo DIAMOND PRISM per versione UGR <19 - DIAMOND PRISM diffuser for UGR <19 version

LUCE DIRETTA + INDIRETTA DECORATIVA
DIRECT + DECORATIVE INDIRECT LIGHT



*Solo con accessorio - Only with accessory



*



STARGATE 550



- Corpo in lamiera di acciaio.
- Verniciatura per interni in polveri epossidiche.
- Pressacavo in nylon 66.
- Schermo diffusore in policarbonato bisatinato lucido.
- Sospensioni con funi in acciaio L. 2100 mm.
- Luce diretta - Luce indiretta.
- Led durata utile: 50.000 (h) L70 B10.

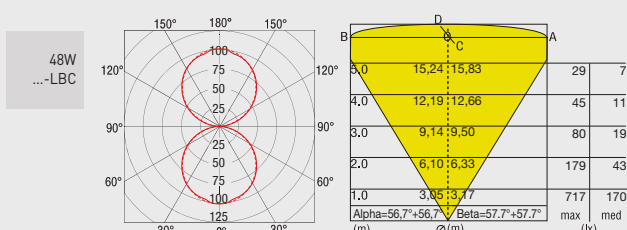
- Inox body.
- Indoor epoxy powder painting.
- Nylon 66 cable gland.
- Glossy satin polycarbonate diffuser.
- Suspension with steel cables L. 2100 mm.
- Direct and indirect light.
- Led life: 50.000 (h) L70 B10.



		LED					SISTEMA-SYSTEM				
		W	lm	V	K	CRI	W	lm	lm/W		
	ON-OFF LUCE DIRETTA+INDIRETTA - DIRECT+INDIRECT LIGHT	Br 5600-LBC	48W	7200	220-240V (500mA)	3000	>80	51W	4316	85	
		Ne 5601-LBC									
		Gr 5602-LBC									
		Br 5600-LBN	48W	7840	220-240V (500mA)	4000	>80	51W	4700	92	
	DIM 1÷10V/PUSH LUCE DIRETTA+INDIRETTA - DIRECT+INDIRECT LIGHT	Br 5600-LBC-DIM	48W	7200	220-240V (500mA)	3000	>80	51W	4316	85	
		Ne 5601-LBC-DIM									
		Gr 5602-LBC-DIM									
		Br 5600-LBN-DIM	48W	7840	220-240V (500mA)	4000	>80	51W	4700	92	
	Sa emergenza - emergency LUCE DIRETTA+INDIRETTA - DIRECT+INDIRECT LIGHT	Br 5600-LBC-EM	48W	7200	220-240V (500mA)	3000	>80	51W	4316	85	
		Ne 5601-LBC-EM 1h									
		Gr 5602-LBC-EM									
		Br 5600-LBN-EM	48W	7840	220-240V (500mA)	4000	>80	51W	4700	92	
	DIM-DALI LUCE DIRETTA+INDIRETTA - DIRECT+INDIRECT LIGHT	Br 5600-LBC-DA	48W	7200	220-240V (500mA)	3000	>80	51	4316	85	
		Ne 5601-LBC-DA									
		Gr 5602-LBC-DA									
		Br 5600-LBN-DA	48W	7840	220-240V (500mA)	4000	>80	51	4700	92	



C180.....C001 C270 — C90





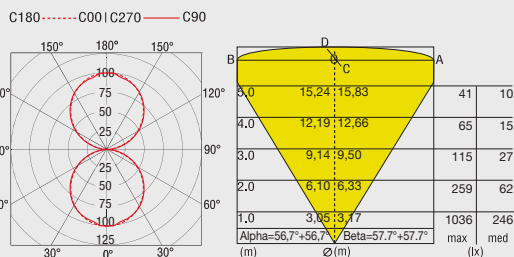
- Corpo in lamiera di acciaio.
- Verniciatura per interni in polveri epossidiche.
- Pressacavo in nylon 66.
- Schermo diffusore in policarbonato bisatinato lucido.
- Sospensioni con funi in acciaio L. 2100 mm.
- Luce diretta - Luce indiretta.
- Led durata utile: 50.000 (h) L70 B10.

- Inox body.
- Indoor epoxy powder painting.
- Nylon 66 cable gland.
- Glossy satin polycarbonate diffuser.
- Suspension with steel cables L. 2100 mm.
- Direct and indirect light.
- Led life: 50.000 (h) L70 B10.



	LED	SISTEMA-SYSTEM		
		W	lm	lm/W
ON-OFF LUCE DIRETTA+INDIRETTA - DIRECT+INDIRECT LIGHT Br 5605-LBC Ne 5606-LBC Gr 5607-LBC	66W 10400 220-240V (700mA) 3000 >80	70W	6200	88
Br 5605-LBN Ne 5606-LBN Gr 5607-LBN	66W 11440 220-240V (700mA) 4000 >80	70W	6860	98
DIM 1=10V/PUSH LUCE DIRETTA+INDIRETTA - DIRECT+INDIRECT LIGHT Br 5605-LBC-DIM Ne 5606-LBC-DIM Gr 5607-LBC-DIM	66W 10400 220-240V (700mA) 3000 >80	70W	6200	89
Br 5605-LBN-DIM Ne 5606-LBN-DIM Gr 5607-LBN-DIM	66W 11440 220-240V (700mA) 4000 >80	70W	6860	98
Sa emergenza - emergency LUCE DIRETTA+INDIRETTA - DIRECT+INDIRECT LIGHT Br 5605-LBC-EM Ne 5606-LBC-EM 1h Gr 5607-LBC-EM	66W 10400 220-240V (700mA) 3000 >80	70W	6200	89
Br 5605-LBN-EM Ne 5606-LBN-EM 1h Gr 5607-LBN-EM	66W 11440 220-240V (700mA) 4000 >80	70W	6860	98
DIM-DALI LUCE DIRETTA+INDIRETTA - DIRECT+INDIRECT LIGHT Br 5605-LBC-DA Ne 5606-LBC-DA Gr 5607-LBC-DA	66W 10400 220-240V (700mA) 3000 >80	70W	6200	89
Br 5605-LBN-DA Ne 5606-LBN-DA Gr 5607-LBN-DA	66W 11440 220-240V (700mA) 4000 >80	70W	6860	98

*Solo con accessorio - Only with accessory







- Corpo in lamiera di acciaio.
- Verniciatura per interni in polveri epossidiche.
- Pressacavo in nylon 66.
- Schermo diffusore in policarbonato bisatinato lucido.
- Sospensioni con funi in acciaio L. 2100 mm.
- Luce diretta - Luce indiretta.
- Led durata utile: 50.000 (h) L70 B10.

- Inox body.
- Indoor epoxy powder painting.
- Nylon 66 cable gland.
- Glossy satin polycarbonate diffuser.
- Suspension with steel cables L. 2100 mm.
- Direct and indirect light.
- Led life: 50.000 (h) L70 B10.



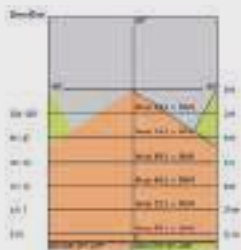
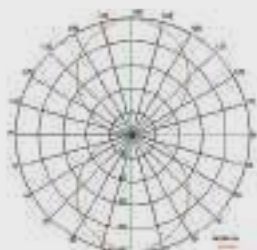
	LED		SISTEMA-SYSTEM							
	W	lm	V	K	CRI	W	lm	lm/W		
	ON-OFF LUCE DIRETTA+INDIRETTA - DIRECT+INDIRECT LIGHT Br 5610-LBC Ne 5611-LBC Gr 5612-LBC		86W	12960	220-240V (600mA)	3000	>80	92W	7770	84
	Br 5610-LBN Ne 5611-LBN Gr 5612-LBN		86W	14160	220-240V (600mA)	4000	>80	92W	8500	92
	DIM 1+10V/PUSH Br 5610-LBC-DIM Ne 5611-LBC-DIM Gr 5612-LBC-DIM		86W	12960	220-240V (600mA)	3000	>80	92W	7770	84
	Br 5610-LBN-DIM Ne 5611-LBN-DIM Gr 5612-LBN-DIM		86W	14160	220-240V (600mA)	4000	>80	92W	8500	92
	DIM-DALI Br 5610-LBC-DA Ne 5611-LBC-DA Gr 5612-LBC-DA		86W	12960	220-240V (600mA)	3000	>80	92W	7770	84
	Br 5610-LBN-DA Ne 5611-LBN-DA Gr 5612-LBN-DA		86W	14160	220-240V (600mA)	4000	>80	92W	8500	92



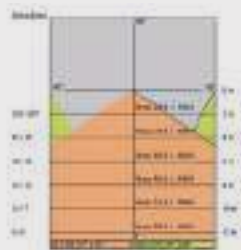
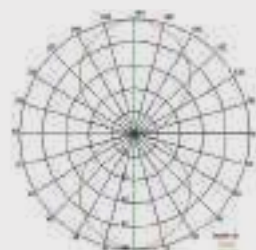
IP 40



86W
...-LBC



86W
...-LBC-DA



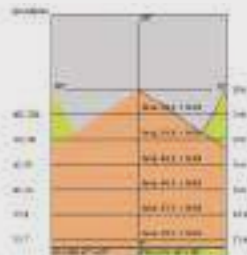
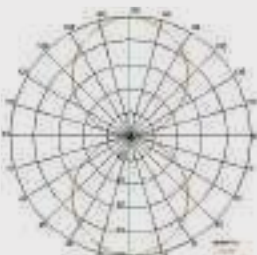


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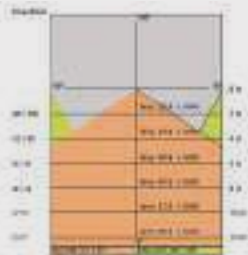
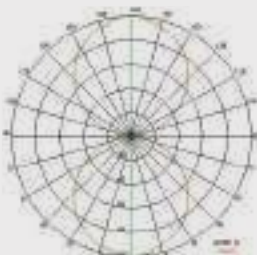


inside

108W
...-LBC



108W
...-LBC-DA





- Corpo in lamiera di acciaio.
- Verniciatura per interni in polveri epossidiche.
- Pressacavo in nylon 66.
- Schermo diffusore in policarbonato bisatinato lucido.
- Sospensioni con funi in acciaio L. 2100 mm.
- Luce diretta - Luce indiretta.
- Led durata utile: 50.000 (h) L70 B10.

- Inox body.
- Indoor epoxy powder painting.
- Nylon 66 cable gland.
- Glossy satin polycarbonate diffuser.
- Suspension with steel cables L. 2100 mm.
- Direct and indirect light.
- Led life: 50.000 (h) L70 B10.



	LED					SISTEMA-SYSTEM		
	W	lm	V	K	CRI	W	lm	lm/W
	ON-OFF LUCE DIRETTA/INDIRETTA - DIRECT/INDIRECT LIGHT Br 5615-LBC Ne 5616-LBC Gr 5617-LBC							
	108W	16200	220-240V (500mA)	3000	>80	115W	9700	84
	Br 5615-LBN Ne 5616-LBN Gr 5617-LBN							
	108W	17280	220-240V (500mA)	4000	>80	115W	10370	90
	DIM 1+10V/PUSH LUCE DIRETTA/INDIRETTA - DIRECT/INDIRECT LIGHT Br 5615-LBC-DIM Ne 5616-LBC-DIM Gr 5617-LBC-DIM							
	108W	16200	220-240V (500mA)	3000	>80	115W	9700	84
	Br 5615-LBN-DIM Ne 5616-LBN-DIM Gr 5617-LBN-DIM							
	108W	17280	220-240V (500mA)	4000	>80	115W	10370	90
	DIM-DALI LUCE DIRETTA/INDIRETTA - DIRECT/INDIRECT LIGHT Br 5615-LBC-DA Ne 5616-LBC-DA Gr 5617-LBC-DA							
	108W	16200	220-240V (500mA)	3000	>80	115W	9700	84
	Br 5615-LBN-DA Ne 5616-LBN-DA Gr 5617-LBN-DA							
	108W	17280	220-240V (500mA)	4000	>80	115W	10370	92
	ON-OFF LUCE DIRETTA - DIRECT LIGHT Br 5620-LBC Ne 5621-LBC Gr 5622-LBC							
	54W	8100	220-240V (500mA)	3000	>80	60W	4850	81
	Br 5620-LBN Ne 5621-LBN Gr 5622-LBN							
	54W	8640	220-240V (500mA)	4000	>80	60W	5185	86
	DIM 1+10V/PUSH LUCE DIRETTA - DIRECT LIGHT Br 5620-LBC-DIM Ne 5621-LBC-DIM Gr 5622-LBC-DIM							
	54W	8100	220-240V (500mA)	3000	>80	60W	4850	81
	Br 5620-LBN-DIM Ne 5621-LBN-DIM Gr 5622-LBN-DIM							
	54W	8640	220-240V (500mA)	4000	>80	60W	5185	86
	DIM-DALI LUCE DIRETTA - DIRECT LIGHT Br 5620-LBC-DA Ne 5621-LBC-DA Gr 5622-LBC-DA							
	54W	8100	220-240V (500mA)	3000	>80	60W	4850	81
	Br 5620-LBN-DA Ne 5621-LBN-DA Gr 5622-LBN-DA							
	54W	8640	220-240V (500mA)	4000	>80	60W	5185	86

STARGATE 2000



- Corpo in lamiera di acciaio.
- Verniciatura per interni in polveri epossidiche.
- Pressacavo in nylon 66.
- Schermo diffusore in policarbonato bisatinato lucido.
- Sospensioni con funi in acciaio L. 2100 mm.
- Luce diretta - Luce indiretta.
- Led durata utile: 50.000 (h) L80 B10.
- N. 8 funi di sospensione in acciaio: sezione 1,5 mm. x 19 fili
Formazione 1 (12+6+1)
- Carico snervamento 1900 N, carico rottura 194 Kg a fune.
- Rosone con driver.



- Steel sheet body.
- Indoor epoxy powder painting.
- Nylon 66 cable gland.
- Glossy satin polycarbonate diffuser.
- Suspension with steel cables L. 2100 mm.
- Direct and indirect light.
- Led life: 50.000 (h) L80 B10.
- N. 8 suspension steel cables- section 1,5mm.
- Breaking charge 1900 N reaking load 194 kgs for cable.
- Canopy with driver included.

	LED	SISTEMA-SYSTEM							
		W	lm	V	K	CRI	W	lm	lm/W
	 LUCE DIRETTA - DIRECT LIGHT Br 5625-LBC Ne 5626-LBC Gr 5627-LBC	116W	14160	220-240V 24V	3000	>80	120W	9480	79
	 Br 5625-LBN Ne 5626-LBN Gr 5627-LBN	116W	14160	220-240V 24V	4000	>80	120W	9480	79
	Br 5625-LBC-DA Ne 5626-LBC-DA Gr 5627-LBC-DA	116W	14160	220-240V 24V	3000	>80	120W	9480	79
	Br 5625-LBN-DA Ne 5626-LBN-DA Gr 5627-LBN-DA	116W	14160	220-240V 24V	4000	>80	120W	9480	79
	LUCE DIRETTA + INDIRETTA DIRECT + INDIRECT LIGHT Br 5630-LBC Ne 5631-LBC Gr 5632-LBC	174W	14160+ 7080	220-240V 24V	3000	>80	180W	9450+ 4725	79
	Br 5630-LBN Ne 5631-LBN Gr 5632-LBN	174W	14160+ 7080	220-240V 24V	4000	>80	180W	9450+ 4725	79
	Br 5630-LBC-DA Ne 5631-LBC-DA Gr 5632-LBC-DA	174W	14160+ 7080	220-240V 24V	3000	>80	180W	9450+ 4725	79
	Br 5630-LBN-DA Ne 5631-LBN-DA Gr 5632-LBN-DA	174W	14160+ 7080	220-240V 24V	4000	>80	180W	9450+ 4725	79



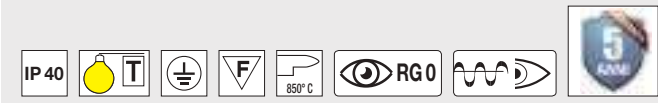
- Corpo in lamiera di acciaio.
- Verniciatura per interni in polveri epossidiche.
- Pressacavo in nylon 66.
- Schermo diffusore in policarbonato bisatinato lucido.
- Sospensioni con funi in acciaio L. 2100 mm.
- Luce diretta - Luce indiretta.
- Led durata utile: 50.000 (h) L80 B10.
- N. 10 funi di sospensione in acciaio: sezione 1,5 mm. x 19 fili
Formazione 1 (12+6+1)
- Carico snervamento 1900 N, carico rottura 194 Kg a fune.
- Rosone con driver.

- Steel sheet body.
- Indoor epoxy powder painting.
- Nylon 66 cable gland.
- Glossy satin polycarbonate diffuser.
- Suspension with steel cables L. 2100 mm.
- Direct and indirect light.
- Led life: 50.000 (h) L80 B10.
- N. 10 suspension steel cables- section 1,5mm.
- Breaking charge 1900 N reaking load 194 kgs for cable.
- Canopy with driver included.



	LED	SISTEMA-SYSTEM							
		W	lm	lm/W					
	 LUCE DIRETTA - DIRECT LIGHT Br 5635-LBC Ne 5636-LBC Gr 5637-LBC	176W	21000	220-240V 24V	3000	>80	180W	10500	58
	 Br 5635-LBN Ne 5636-LBN Gr 5637-LBN	176W	21000	220-240V 24V	4000	>80	180W	10500	58
	 Br 5635-LBC-DA Ne 5636-LBC-DA Gr 5637-LBC-DA	176W	21000	220-240V 24V	3000	>80	180W	10500	58
	 Br 5635-LBN-DA Ne 5636-LBN-DA Gr 5637-LBN-DA	176W	21000	220-240V 24V	4000	>80	180W	10500	58
	 LUCE DIRETTA + INDIRETTA DIRECT + INDIRECT LIGHT Br 5640-LBC Ne 5641-LBC Gr 5642-LBC	266W	21000+ 10500	220-240V 24V	3000	>80	270W	10500+ 7020	58
	 Br 5640-LBN Ne 5641-LBN Gr 5642-LBN	266W	21000+ 10500	220-240V 24V	4000	>80	270W	10500+ 7020	58
	 Br 5640-LBC-DA Ne 5641-LBC-DA Gr 5642-LBC-DA	266W	21000+ 10500	220-240V 24V	3000	>80	270W	10500+ 7020	58
	 Br 5640-LBN-DA Ne 5641-LBN-DA Gr 5642-LBN-DA	266W	21000+ 10500	220-240V 24V	4000	>80	270W	10500+ 7020	58

PARETE - PLAFONE - SOSPENSIONE • WALL - CEILING - SUSPENSION







TAPE la nuova gamma di prodotti realizzati per sostituire gli ormai obsoleti tubi al neon, laddove questi vengono normalmente impiegati per l'illuminazione interna di vetrine e banchi frigo. Una delle caratteristiche principali, una volta installato il prodotto, è la possibilità di sostituire la stripled con estrema semplicità. **TAPE** è stato progettato con un sistema di profili a scatto, che consentono la rimozione di alcune parti senza dover smontare l'intero apparecchio.

TAPE is the new range of products studied to replace the obsolete neon tubes, where these are normally used for the interior lighting of display cabinets and fridge counters. One of the main features, once the product is installed, it is the possibility to replace the stripled with extreme simplicity. **TAPE** has been designed with a system of easy mounting profiles, which allows the disassembly without the use of tooling.



Brevettato - Patent



TAPE si caratterizza per la possibilità di avere diverse configurazioni, che si differenziano tra loro per le caratteristiche illuminotecniche, meccaniche ed elettroniche.

L'illuminazione di un banco frigorifero è un aspetto fondamentale per un'ottima performance di vendita.

La durata dei LED supera le 50.000 ore, valori ben superiori alla durata media di un tubo fluorescente.

Ciò garantisce un ulteriore risparmio sui costi di manutenzione e sull'acquisto delle lampade. La maggiore direzionalità del fascio, l'assoluta stabilità della luce, l'assenza di interferenze e il rendimento ottimale alla basse temperature si traducono in una migliore intensità luminosa sul prodotto, limitando gli sprechi e mettendo in maggiore evidenza le merci.

TAPE può essere utilizzato, oltre che per i banchi frigo, per l'illuminazione dei piani cucina installandolo sotto i pensili, espositori di negozi e banchi bar.

L'installazione può essere eseguita sia con montaggio in orizzontale che in verticale.

TAPE is characterized by the possibility of having different configurations, which differ from each other by lighting, mechanical and electronic characteristics.

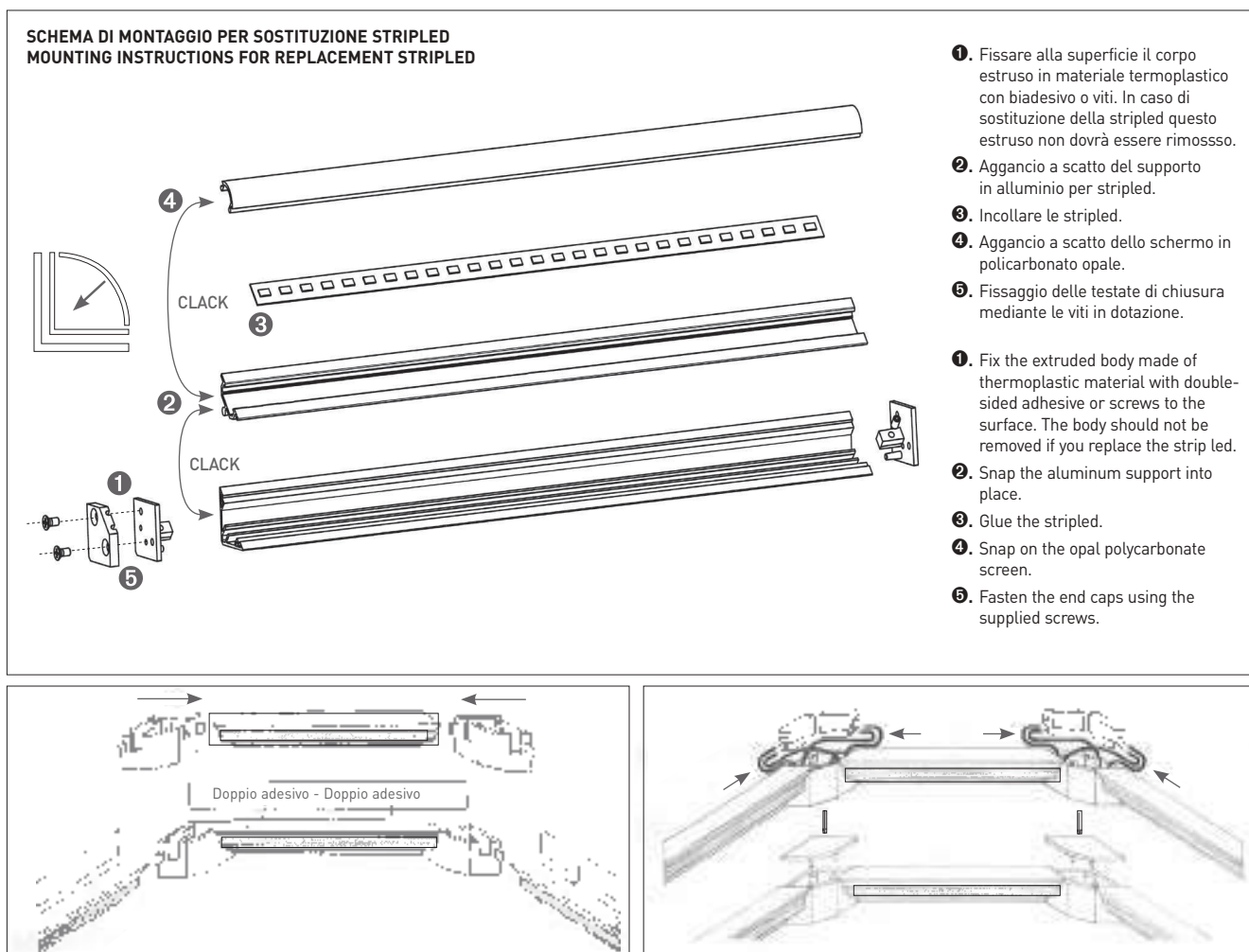
The lighting of a refrigerated counter is a fundamental aspect for an excellent sales performance.

LED life exceeds 50.000 hours, values above the average life of a fluorescent tube.

This guarantees further savings on maintenance costs and on the purchase of lamps. The greater directionality of the beam, the absolute stability of light, the absence of interference and the optimal performance at low temperatures produce better light intensity on the product, limiting waste and highlighting the goods.

TAPE can be used also for the lighting of the kitchen counter tops, installing it under the kitchen cupboards, exhibitors of shops and bar counters.

The installation can be done either with horizontal or vertical mounting.



























- Corpo estruso in materiale termoplastico.
- Schermo in policarbonato opale.
- **Possibilità di sostituzione del LED dal corpo fisso.**

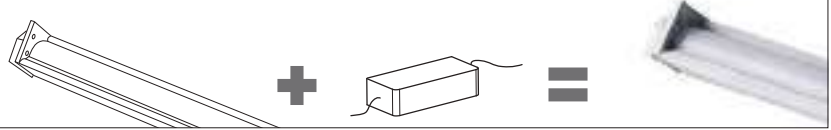
- Extruded body in thermoplastic material.
- Polycarbonate opal screen.
- **Possibility of replacing the LED from the fixed body.**



				L (mm)	W	lm	V	K	CRI
		Br	6030-827 6030-830 6030-840	140	1,5W	103 107 116	24V	2700 3000 4000	>80
		Br	6031-827 6031-830 6031-840	240	3W	177 183 198	24V	2700 3000 4000	>80
		Br	6032-827 6032-830 6032-840	340	4,5W	250 260 281	24V	2700 3000 4000	>80
		Br	6033-827 6033-830 6033-840	440	6W	324 336 364	24V	2700 3000 4000	>80
		Br	6034-827 6034-830 6034-840	540	7,5W	397 413 447	24V	2700 3000 4000	>80
		Br	6035-827 6035-830 6035-840	640	9W	471 489 529	24V	2700 3000 4000	>80
		Br	6036-827 6036-830 6036-840	740	10,5W	544 566 612	24V	2700 3000 4000	>80
		Br	6037-827 6037-830 6037-840	840	12W	618 642 695	24V	2700 3000 4000	>80
		Br	6038-827 6038-830 6038-840	940	13,5W	691 719 777	24V	2700 3000 4000	>80
		Br	6039-827 6039-830 6039-840	1040	15W	765 795 860	24V	2700 3000 4000	>80
		Br	6040-827 6040-830 6040-840	1140	16W	838 871 943	24V	2700 3000 4000	>80
		Br	6041-827 6041-830 6041-840	1240	17,5W	912 948 1025	24V	2700 3000 4000	>80
		Br	6042-827 6042-840 6042-840	1340	19,5W	986 1024 1108	24V	2700 3000 4000	>80
		Br	6043-827 6043-830 6043-840	1440	21W	1059 1101 1191	24V	2700 3000 4000	>80
		Br	6044-827 6044-830 6044-840	1540	22,5W	1133 1177 1274	24V	2700 3000 4000	>80
		Br	6045-827 6045-830 6045-840	1640	24W	1206 1254 1356	24V	2700 3000 4000	>80
		Br	6046-827 6046-830 6046-840	1740	25,5W	1280 1330 1439	24V	2700 3000 4000	>80
		Br	6047-827 6047-830 6047-840	1840	27W	1353 1406 1522	24V	2700 3000 4000	>80
		Br	6048-827 6048-830 6048-840	1940	28,5W	1427 1483 1604	24V	2700 3000 4000	>80
		Br	6049-827 6049-830 6049-840	2040	30W	1500 1559 1687	24V	2700 3000 4000	>80



ESEMPIO COMPONIBILITÀ
COMONIBILITY EXAMPLE



		L (mm)	W	Im	V	K	CRI
	Br 6050-827	2140	31,5W	1574	24V	2700	>80
	6050-830			1636		3000	
	6050-840			1770		4000	
	Br 6051-827	2240	33W	1648	24V	2700	>80
	6051-830			1712		3000	
	6051-840			1852		4000	
	Br 6052-827	2340	34,5W	1721	24V	2700	>80
	6052-830			1789		3000	
	6052-840			1935		4000	
	Br 6053-827	2440	36W	1795	24V	2700	>80
	6053-830			1865		3000	
	6053-840			2018		4000	
	Br 6054-827	2540	37,5W	1868	24V	2700	>80
	6054-830			1942		3000	
	6054-840			2101		4000	
	Br 6055-827	2640	39W	1942	24V	2700	>80
	6055-830			2018		3000	
	6055-840			2183		4000	
	Br 6056-827	2740	40,5W	2015	24V	2700	>80
	6056-830			2094		3000	
	6056-840			2266		4000	
	Br 6057-827	2840	42W	2089	24V	2700	>80
	6057-830			2171		3000	
	6057-840			2349		4000	
	Br 6058-827	2940	43,5W	2162	24V	2700	>80
	6058-830			2247		3000	
	6058-840			2431		4000	
	Br 6059-827	3040	45W	2236	24V	2700	>80
	6059-830			2324		3000	
	6059-840			2514		4000	

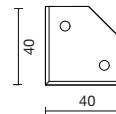
OP. A richiesta - on request: Lunghezze customizzate su progetto - Customized lengths on project



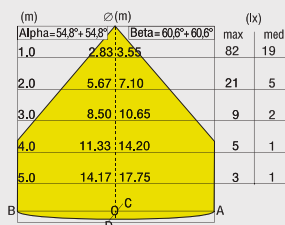
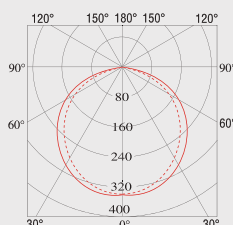
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644599	Alimentatore - Driver	10W	IP20
645038	Alimentatore - Driver	60W	IP20
645178	Alimentatore - Driver	100W	IP20

ACC. KT6060 Modulo angolare di giunzione - Junction angle module



C180.....C00|C270—C90

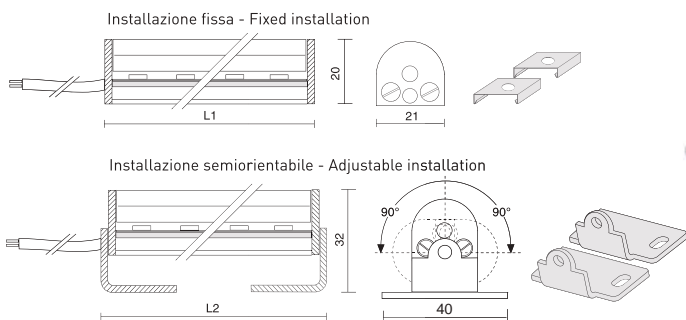






- Corpo in alluminio estruso anodizzato.
- Lente in policarbonato opale.
- Accessorio per aggancio fisso in dotazione, a richiesta per aggancio semiorientabile
- Led durata utile: 25.000 (h) L80 B20.

- Body made of extruded anodized aluminium.
- Opal polycarbonate lens.
- Supplied accessory for wall fixing, on request for semiadjustable mode.
- Led life: 25.000 (h) L80 B20.



	L1 (mm)	L2 (mm)	LED					SISTEMA-SYSTEM			
			W	lm	V	K	CRI	W	lm	lm/W	
VERSIONE AD ALTA EFFICIENZA HIGH VERSION EFFECIENCY											
	 SL940-LBC SL940-LBN SL940-LBI	520	530	7,2W	540	24Vdc	3000	>80	7,2W	433	60
				585	1080		4000		470	65	
				610	1220		5000		490	68	
 SL941-LBC SL941-LBN SL941-LBI	1020	1030	14,4W	1170	24Vdc	4000	>80	14,4W	866	60	
			1220	1080		4000		938	65		
			1830	1220		5000		978	68		
 SL942-LBC SL942-LBN SL942-LBI	1520	1530	21,6W	1620	24Vdc	3000	>80	21,6W	1300	60	
			1755	1620		4000		1408	65		
			1830	1830		5000		1467	68		
 SL943-LBC SL943-LBN SL943-LBI	2020	2030	28,8W	2160	24Vdc	3000	>80	28,8W	1732	60	
			2340	2160		4000		1876	65		
			2440	2440		5000		1957	68		
 SL944-LBC SL944-LBN SL944-LBI	2520	2530	36W	2700	24Vdc	3000	>80	36W	2165	60	
			2925	2700		4000		2346	65		
			3050	3050		5000		2446	68		

OP. A richiesta - On request: 12 Vdc

ACC. 130 Staffa di fissaggio per installazione semiorientabile - Support for semiadjustable installation

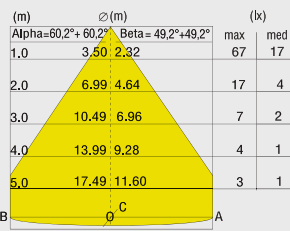
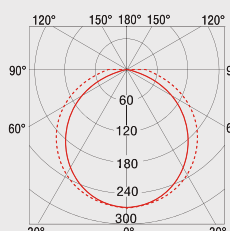


	L (m)	TAGLIO (mm) CUT (mm)	W (m)	lm (m)	V	K	CRI	LARGHEZZA (mm) WIDE (mm)	N. LED	ALIMENTATORE - DRIVER
STRIP 3										
645777-LBC	5	25	19W	1440	24Vdc	4100	>80	10	240	645038 (60W 230-24V for max 3m.) 645178 (100W 230-24V for max 5m.)
645777-LBN				1500						
645777-LBI				1560						

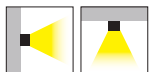
IP 40



C180 - - - - C00 | C270 - - - - C90







- Struttura in estruso verniciato bianco.
- Testate in materiale termoplastico.
- Diffusore in policarbonato opalino.
- Alimentatore elettronico incorporato.
- Schermo in alluminio satinato.
- Led durata utile: 50.000 (h) L80 B10.
- Costanza cromatica: 3 SDCM.

- Body made of painted white extruded.
- Head made of thermoplastic materials.
- Diffuser made of opaline polycarbonate.
- Built-in electronic power unit.
- Satin aluminium reflector.
- Led life: 50.000 (h) L80 B10.
- Chromatic constancy: 3 SDCM.



	L (mm)	LED				SISTEMA-SYSTEM				
		(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)	
	3424-830	602	14,5W	2340	220-240V (500mA)	3000	>80	16,5W	1280	78
	3425-830	902	21,7W	3510						
	3426-830	1202	29W	4680						
	3427-830	1502	36,2W	5850						
	3424-840	602	14,5W	2455	220-240V (500mA)	4000	>80	16,5W	1345	82
	3425-840	902	21,7W	3685						
	3426-840	1202	29W	4910						
	3427-840	1502	36,2W	6140						
	3429-830	602	14,5W	2340	220-240V (500mA)	3000	>80	16,5W	890	54
	3430-830	902	21,7W	3510						
	3431-830	1202	29W	4680						
	3432-830	1502	36,2W	5850						
	3429-840	602	14,5W	2455	220-240V (500mA)	4000	>80	16,5W	935	57
	3430-840	902	21,7W	3685						
	3431-840	1202	29W	4910						
	3432-840	1502	36,2W	6140						
	3429-830-DA	602	14,5W	2340	220-240V (500mA)	3000	>80	16,5W	890	54
	3430-830-DA	902	21,7W	3510						
	3431-830-DA	1202	29W	4680						
	3432-830-DA	1502	36,2W	5850						
	3429-840-DA	602	14,5W	2455	220-240V (500mA)	4000	>80	16,5W	935	57
	3430-840-DA	902	21,7W	3685						
	3431-840-DA	1202	29W	4910						
	3432-840-DA	1502	36,2W	6140						

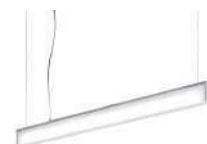


ELISEO SOSPENSIONE



- Struttura in estruso verniciato bianco.
- Testate in materiale termoplastico.
- Diffusore in policarbonato opalino.
- Alimentatore elettronico incorporato.
- Schermo in alluminio satinato.
- Led durata utile: 50.000 (h) L80 B10.
- Costanza cromatica: 3 SDCM.

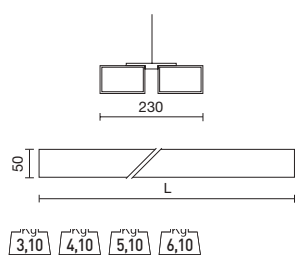
- Body made of painted white extruded.
- Head made of thermoplastic materials.
- Diffuser made of opaline polycarbonate.
- Built-in electronic power unit.
- Satin aluminium reflector.
- Led life: 50.000 (h) L80 B10.
- Chromatic constancy: 3 SDCM.



	L (mm)	LED					SISTEMA-SYSTEM			
		W	lm	V	K	(CRI)	W	lm	lm/W	
SINGOLA SINGLE										
Br	3409-830	602	14,5W	2340	220-240V (500mA)	3000	>80	16,5W	1280	78
	3410-830	902	21,7W	3510				24,7W	1925	78
	3411-830	1202	29W	4680				33W	2560	78
	3412-830	1502	36,2W	5850				40,2W	3210	80
Br	3409-840	602	14,5W	2455	220-240V (500mA)	4000	>80	16,5W	1345	82
	3410-840	902	21,7W	3685				23,7W	2020	82
	3411-840	1202	29W	4910				31W	2690	82
	3412-840	1502	36,2W	6140				40,2W	3370	84
Br	3409-830-DA	602	14,5W	2340	220-240V (500mA)	3000	>80	16,5W	1280	78
	3410-830-DA	902	21,7W	3510				24,7W	1925	78
	3411-830-DA	1202	29W	4680				33W	2560	78
	3412-830-DA	1502	36,2W	5850				40,2W	3210	80
Br	3409-840-DA	602	14,5W	2455	220-240V (500mA)	4000	>80	16,5W	1345	82
	3410-840-DA	902	21,7W	3685				23,7W	2020	82
	3411-840-DA	1202	29W	4910				31W	2690	82
	3412-840-DA	1502	36,2W	6140				40,2W	3370	84
DOPPIA VERTICALE DOUBLE VERTICAL										
Br	3414-830	652	29W	4680	220-240V (500mA)	3000	>80	31W	2560	83
	3415-830	952	43,4W	7020				46,4W	3850	83
	3416-830	1252	58W	9360				62W	5120	83
	3417-830	1552	72,4W	11700				76,4W	6420	84
Br	3414-840	602	29W	4910	220-240V (500mA)	4000	>80	31W	2690	87
	3415-840	902	43,4W	7370				46,4W	4040	87
	3416-840	1202	58W	9820				62W	5380	87
	3417-840	1502	72,4W	12280				76,4W	6740	88
Br	3414-830-DA	602	14,5W	2340	220-240V (500mA)	3000	>80	16,5W	2560	83
	3415-830-DA	902	21,7W	3510				24,7W	3850	83
	3416-830-DA	1202	29W	4680				33W	5120	83
	3417-830-DA	1502	36,2W	5850				40,2W	6420	84
Br	3414-840-DA	602	14,5W	2455	220-240V (500mA)	4000	>80	16,5W	2690	87
	3415-840-DA	902	21,7W	3685				23,7W	4040	87
	3416-840-DA	1202	29W	4910				31W	5380	87
	3417-840-DA	1502	36,2W	6140				40,2W	6740	88



	L (mm)	LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm	
DOPPIA ORIZZONTALE DOUBLE HORIZONTAL										
Br	3419-830	602	29W	4680	220-240V (500mA)	3000	>80	31W	2560	83
	3420-830	902	43,4W	7020				46,4W	3850	83
	3421-830	1202	58W	9360				62W	5120	83
	3422-830	1502	72,4W	11700				76,4W	5120	83
Br	3419-840	602	29W	4910	220-240V (500mA)	4000	>80	31W	2690	87
	3420-840	902	43,4W	7370				46,4W	4040	87
	3421-840	1202	58W	9820				62W	5380	87
	3422-840	1502	72,4W	12280				76,4W	6740	88
DALI										
Br	3419-830-DA	602	14,5W	2340	220-240V 500mA	3000	>80	16,5W	2560	83
	3420-830-DA	902	21,7W	3510				24,7W	3850	83
	3421-830-DA	1202	29W	4680				33W	5120	83
	3422-830-DA	1502	36,2W	5850				40,2W	5120	83
Br	3419-840-DA	602	14,5W	2455	220-240V 500mA	4000	>80	16,5W	2690	87
	3420-840-DA	902	21,7W	3685				23,7W	4040	87
	3421-840-DA	1202	29W	4910				31W	5380	87
	3422-840-DA	1502	36,2W	6140				40,2W	6740	88



ACC. ...-EU Versione a binario - Track version

IP 40



inside



- Profilo portante elettrificato in lamiera di acciaio verniciato bianco in polveri epossidiche.
- Testata in materiale termoplastico.
- Vano ottico Led con lenti in PMMA.
- Dissipatore passivo.
- Temperatura esercizio: -20 +35°.
- Cablaggio 7 conduttori con sezione 2,5 mm (portata max 16 A).
- Led durata utile: 50.000 (h) L80 B10 / L80 B50.
- Costanza cromatica: 3 SDCM.
- Apparecchio conforme alle norme EN 60598-1.
- A richiesta versioni

- Electrified main structure in steel sheet, white painted in epoxy powders.
- End caps in thermoplastic material.
- Optic with lens in PMMA.
- Passive heatsink.
- Working temperature: -20 +35°.
- 7-wire wiring with section mm 2.5 [max load 16 A].
- Led life: 50.000 (h) L80 B10 / L80 B50.
- Chromatic constancy: 3 SDCM.
- Compliance with EN 60598-1.
- On request versions



UGR < 19

$$UGR = 8 \log_{10} \left[\frac{0,25}{L_b} \sum \frac{L^2 \omega}{p^2} \right]$$

A PROFILO PORTANTE - MAIN STRUCTURE			L (mm)
	1,90	4442	1415
	3,80	4444	2820

B VANO OTTICO - OPTIC TRAY		LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W	
	1,80	FASCIO STANDARD STANDARD BEAM Br 4433-LBC 4433-LBN	36,2W	5850 6140	200-240V (500mA)	3000 4000	>80	40,2W	5745 6030	143 150
		FASCIO DIFFUSO DIFFUSED BEAM Br 4434-LBC 4434-LBN	36,2W	5850 6140	200-240V (500mA)	3000 4000	>80	40,2W	5730 6020	143 150
		FASCIO DOPPIO ASIMMETRICO DOUBLE ASYMMETRIC BEAM Br 4435-LBC 4435-LBN	36,2W	5850 6140	200-240V (500mA)	3000 4000	>80	40,2W	5690 5970	143 148
		FASCIO ASIMMETRICO ASYMMETRIC BEAM Br 4430-LBC 4430-LBN	36,2W	5850 6140	200-240V (500mA)	3000 4000	>80	40,2W	5755 6040	143 150
	3,60	FASCIO STANDARD STANDARD BEAM Br 4439-LBC 4439-LBN	72,5W	11700 12275	200-240V (500mA)	3000 4000	>80	76,5W	11490 12055	150 157
		FASCIO DIFFUSO DIFFUSED BEAM Br 4440-LBC 4440-LBN	72,5W	11700 12275	200-240V (500mA)	3000 4000	>80	76,5W	11470 12030	150 157
		FASCIO DOPPIO ASIMMETRICO DOUBLE ASYMMETRIC BEAM Br 4441-LBC 4441-LBN	72,5W	11700 12275	200-240V (500mA)	3000 4000	>80	76,5W	11380 11940	149 156
		FASCIO ASIMMETRICO ASYMMETRIC BEAM Br 4432-LBC 4432-LBN	72,5W	11700 12275	200-240V (500mA)	3000 4000	>80	76,5W	11510 12077	150 158

C ACCESSORI		€		
	6017 kit gancio sospensione standard colore bianco standard suspension hook kit white colour	18,00		6022 connettore femmina 7 poli female connector 7 poles
	6018 kit gancio sospensione a filo colore bianco con fune acciaio L. 3,1 m suspension hook kit white colour with steel cable kit L. 3,1 m	40,00		6023 kit alimentazione intermedia intermediate power supply kit
	6019 kit gancio per sospensione colore bianco a catena hook kit for chain suspension white colour	28,00		6028 testata di chiusura end cap
	6020 kit elemento di giunzione, n.6 pezzi junction element kit, n.6 pieces	50,00		A richiesta - On request: Coperchio cieco - Blind cover

6029	kit d'emergenza - emergency kit	1h	flussi luminosi - luminous fluxes:	LBC 819lm	LBN 860lm
6029-3	kit d'emergenza - emergency kit	3h	flussi luminosi - luminous fluxes:	LBC 3511m	LBN 368lm

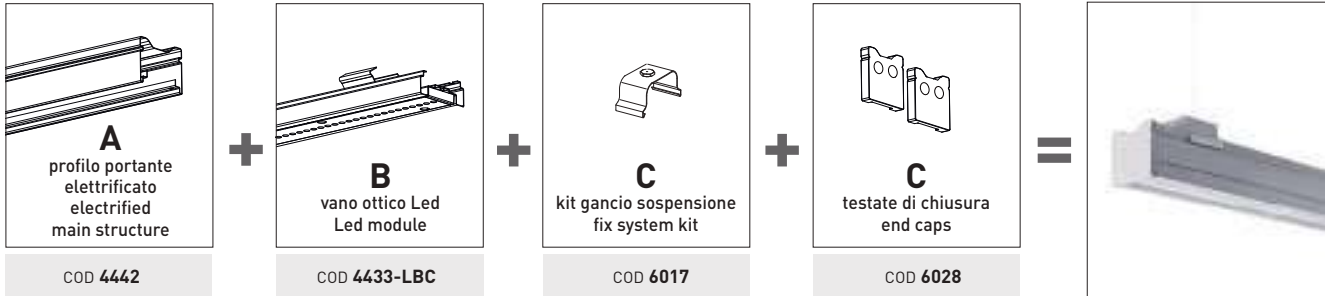
KIT EMERGENZA A BORDO DELL' APPARECCHIO - EMERGENCY KIT ON BOARD OF THE FITTING

OP. A richiesta - On request: versioni - versions Utilizzare driver - Use drivers 646336 40W
646337 80W

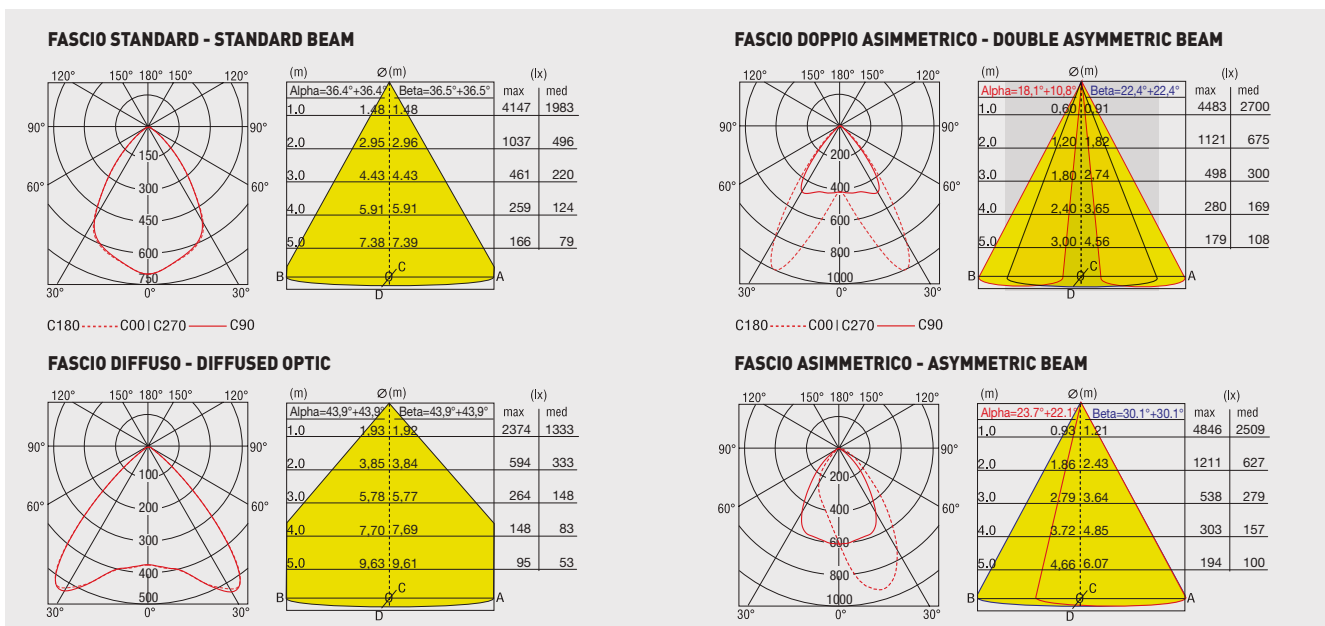
versioni potenziate - more powerful versions 53W - 8400lm - 4000K (L. 1415 mm)
105W - 16800lm - 4000K (L. 2820 mm)

versioni con Led food - Led food version

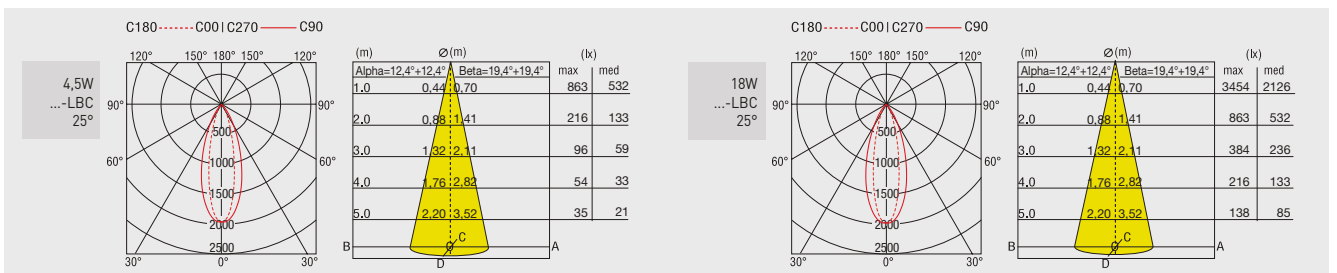
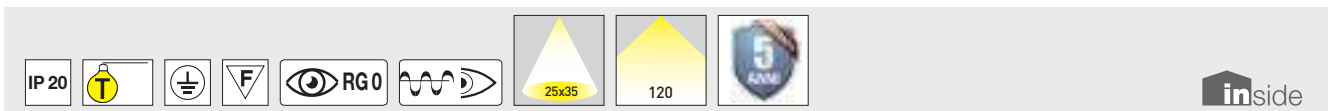
ESEMPIO ORDINE - ORDER EXAMPLE



IP 40



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color





- Corpo in alluminio verniciato in polveri.
- Schermo in policarbonato.
- Alimentatore integrato.

- Aluminum powder coated body.
- Polycarbonate screen.
- Integrated driver.

UGR < 13

$$UGR = 8 \log_{10} \left[\frac{0,25}{L_b} \sum \frac{L^2 \omega}{p^2} \right]$$

Solo per fascio controllato
Only for controlled beam

FASCIO CONTROLLATO - CONTROLLED BEAM	LED	SISTEMA-SYSTEM							
		W	lm	lm/W					
12 LED 25x35 2,15 kg	ON-OFF								
	Br 3730-LBC-P	18W	1920	220-240V (500mA)	3000	>80	21W	1400	67
	Br 3730-LBN-P	18W	2110	220-240V (500mA)	4000	>80	21W	1540	73
	Br 3730-LBC-P-DA	18W	1920	220-240V (500mA)	3000	>80	21W	1400	67
	Br 3730-LBN-P-DA	18W	2110	220-240V (500mA)	4000	>80	21W	1540	73
24 LED 2,70 kg	ON-OFF								
	Br 3733-LBC-P	36W	3840	220-240V (500mA)	3000	>80	40W	2800	70
	Br 3733-LBN-P	36W	4225	220-240V (500mA)	4000	>80	40W	3375	84
	Br 3733-LBC-P-DA	36W	3840	220-240V (500mA)	3000	>80	40W	2800	70
	Br 3733-LBN-P-DA	36W	4225	220-240V (500mA)	4000	>80	40W	3375	84
36 LED 3,20 kg	ON-OFF								
	Br 3736-LBC-P	54W	5760	220-240V (500mA)	3000	>80	58W	4200	72
	Br 3736-LBN-P	54W	6335	220-240V (500mA)	4000	>80	58W	5065	87
	Br 3736-LBC-P-DA	54W	5760	220-240V (500mA)	3000	>80	58W	4200	72
	Br 3736-LBN-P-DA	54W	6335	220-240V (500mA)	4000	>80	58W	5065	87
ACC. 	Br 3190-LBC	8,5W	700	220V	3000	>80	9W	520	58
	Br 3190-LBN	8,5W	780	220V	4000	>80	9W	590	66

A richiesta: kit Bend Micro con driver da inserire ai lati dell'apparecchio (n. 2 spot max per apparecchio)
On request: kit Bend Micro with driver to be installed on side's fittings (n. 2 spot maximum for fitting)

OP. 3193 Adattatore per binario 3 fasi, venduto già montato sull'apparecchio
Adapter for 3-phase track, sold already mounted on the fitting
A richiesta - On request: potenze maggiorate max 36 Led - power increased max 36 Led

Esempio di ordinazione
Ordering example +

ACC. Br 3194 Kit attacco a parete - Wall mounting kit

TRAIL PLAFONE



- Corpo in alluminio verniciato in polveri.
- Schermo in policarbonato.
- Alimentatore integrato.

- Aluminum powder coated body.
- Polycarbonate screen.
- Integrated driver.

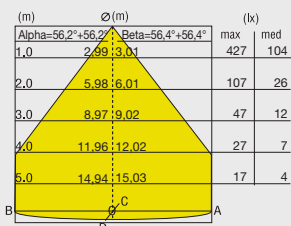
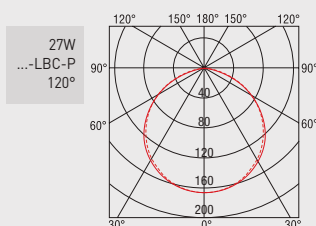
FASCIO DIFFONDENTE - DIFFUSED BEAM		LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W	
		ON-OFF								
		Br 3740-LBC-P	27W	2460	220-240V 24V	3000	>80	31W	1720	55
		Br 3740-LBN-P	27W	2660	220-240V 24V	4000	>80	31W	1866	60
		DIM 1÷10V								
		Br 3740LBC-P-DIM	27W	2460	220-240V 24V	3000	>80	31W	1720	55
		Br 3740LBN-P-DIM	27W	2660	220-240V 24V	4000	>80	31W	1860	60
		PUSH								
		Br 3740-LBC-P-PH	27W	2460	220-240V 24V	3000	>80	31W	1720	55
		Br 3740-LBN-P-PH	27W	2660	220-240V 24V	4000	>80	31W	1850	66
		Br 3740-LBC-P-DA	27W	2460	220-240V 24V	3000	>80	31W	1720	55
		Br 3740-LBN-P-DA	27W	2660	220-240V 24V	4000	>80	31W	1860	60
		ON-OFF								
		Br 3743-LBC-P	40,5W	3700	220-240V 24V	3000	>80	44,5W	2580	58
		Br 3743-LBN-P	40,5W	4000	220-240V 24V	4000	>80	44,5W	2790	63
		DIM 1÷10V								
		Br 3743LBC-P-DIM	40,5W	3700	220-240V 24V	3000	>80	44,5W	2560	58
		Br 3743LBN-P-DIM	40,5W	4000	220-240V 24V	4000	>80	44,5W	2790	63
		PUSH								
		Br 3743-LBC-P-PH	40,5W	3700	220-240V 24V	3000	>80	44,5W	2580	58
		Br 3743-LBN-P-PH	40,5W	4000	220-240V 24V	4000	>80	44,5W	2790	63
		Br 3743-LBC-P-DA	40,5W	3700	220-240V 24V	3000	>80	44,5W	2580	58
		Br 3743-LBN-P-DA	40,5W	4000	220-240V 24V	4000	>80	44,5W	2790	63

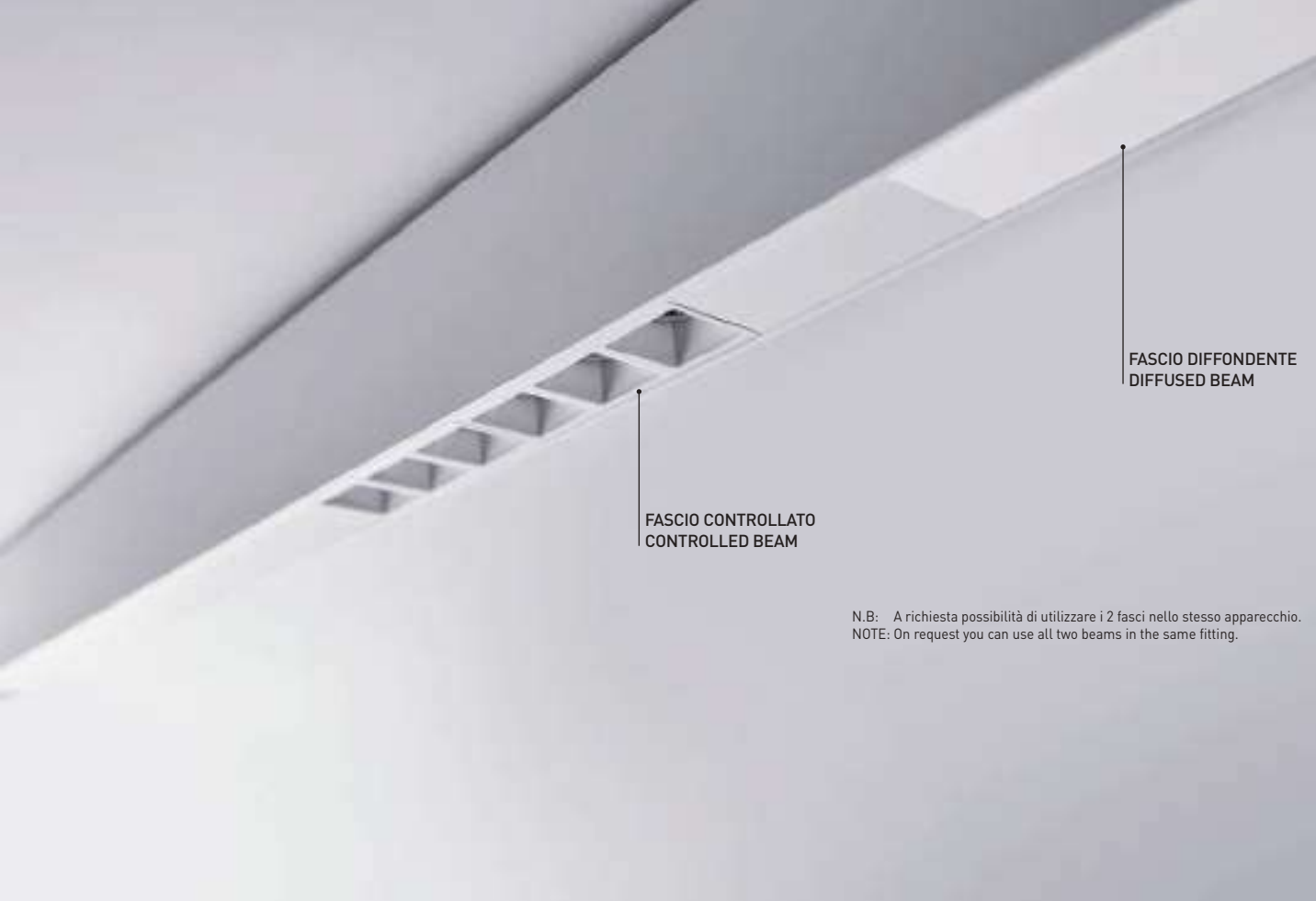
IP 20



inside

C180---C00 | C270 --- C90





FASCIO DIFFONDENTE
DIFFUSED BEAM

FASCIO CONTROLLATO
CONTROLLED BEAM

N.B: A richiesta possibilità di utilizzare i 2 fasci nello stesso apparecchio.
NOTE: On request you can use all two beams in the same fitting.

FASCIO DIFFONDENTE - DIFFUSED BEAM		LED					SISTEMA-SYSTEM			
		(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)	
	ON-OFF 	Br 3746-LBC-P	54W	4920	220-240V 24V	3000	>80	58W	3440	59
		Br 3746-LBN-P	54W	5320	220-240V 24V	4000	>80	58W	3720	64
	DIM 1+10V 	Br 3746LBC-P-DIM	54W	4920	220-240V 24V	3000	>80	58W	3440	59
		Br 3746LBN-P-DIM	54W	5320	220-240V 24V	4000	>80	58W	3720	64
	PUSH 	Br 3746-LBC-P-PH	54W	4920	220-240V 24V	3000	>80	58W	3440	59
		Br 3746-LBN-P-PH	54W	5320	220-240V 24V	4000	>80	58W	3720	64
		Br 3746-LBC-P-DA	54W	4920	220-240V 24V	3000	>80	58W	3440	59
		Br 3746-LBN-P-DA	54W	5320	220-240V 24V	4000	>80	58W	3720	64



OP.	3193	Adattatore per binario 3 fasi, venduto già montato sull'apparecchio Adapter for 3-phase track, sold already mounted on the fitting A richiesta - On request: potenze maggiorate max 36 Led - power increased max 36 Led
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Esempio di ordinazione
Ordering example 3730-LBC-P + 3193

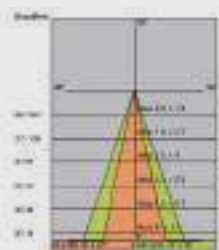
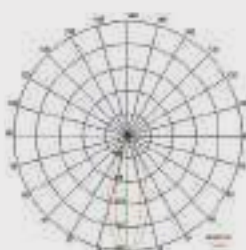
ACC.	Br 3194	Kit attacco a parete - Wall mounting kit	
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IP 20

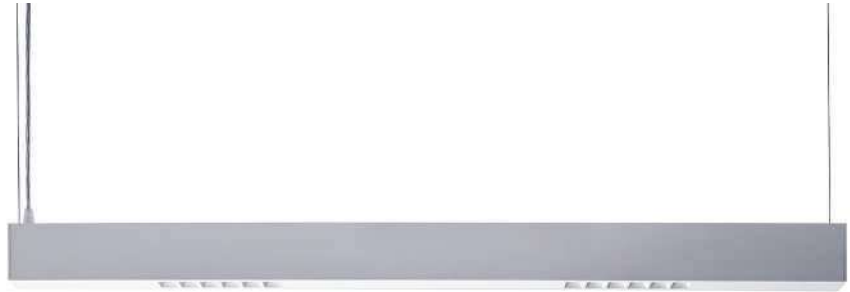


18W
...-LBC-S
25°





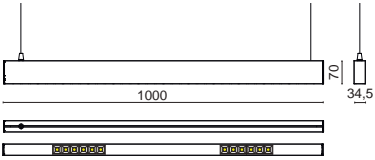

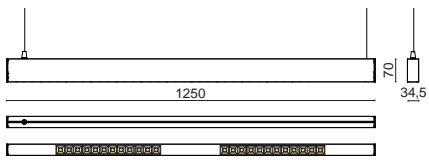

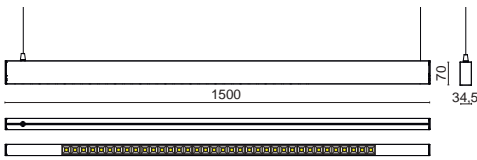

- Corpo in alluminio verniciato in polveri.
- Schermo in policarbonato.
- Alimentatore integrato.
- Aluminum powder coated body.
- Polycarbonate screen.
- Integrated driver.



UGR ≤ 13

$$UGR = 8 \log_{10} \left[\frac{0,25}{L_b} \sum \frac{L^2 \omega}{p^2} \right]$$

Solo per fascio controllato
Only for controlled beam

FASCIO CONTROLLATO - CONTROLLED BEAM	LED	SISTEMA-SYSTEM							
		W	lm	lm/W					
12 LED  1000 34,5 2,15 kg	ON-OFF								
	Br 3730-LBC-S	18W	1920	220-240V (500mA)	3000	>80	21W	1400	67
	Br 3730-LBN-S	18W	2110	220-240V (500mA)	4000	>80	21W	1540	73
									
	Br 3730-LBC-S-DA	18W	1920	220-240V (500mA)	3000	>80	21W	1400	67
	Br 3730-LBN-S-DA	18W	2110	220-240V (500mA)	4000	>80	21W	1540	73
24 LED  1250 34,5 2,70 kg	ON-OFF								
	Br 3733-LBC-S	36W	3840	220-240V (500mA)	3000	>80	40W	2800	70
	Br 3733-LBN-S	36W	4225	220-240V (500mA)	4000	>80	40W	3375	84
									
	Br 3733-LBC-S-DA	36W	3840	220-240V (500mA)	3000	>80	40W	2800	70
	Br 3733-LBN-S-DA	36W	4225	220-240V (500mA)	4000	>80	40W	3375	84
36 LED  1500 34,5 3,20 kg	ON-OFF								
	Br 3736-LBC-S	54W	5760	220-240V (500mA)	3000	>80	58W	4200	72
	Br 3736-LBN-S	54W	6335	220-240V (500mA)	4000	>80	58W	5065	87
									
	Br 3736-LBC-S-DA	54W	5760	220-240V (500mA)	3000	>80	58W	4200	72
	Br 3736-LBN-S-DA	54W	6335	220-240V (500mA)	4000	>80	58W	5065	88
ACC. KIT BEND MICRO									
Br 3190-LBC	8,5W	700	220V	3000	>80	9W	520	58	
Br 3190-LBN	8,5W	780	220V	4000	>80	9W	590	66	



A richiesta: kit Bend Micro con driver da inserire ai lati dell'apparecchio (n. 2 spot max per apparecchio)
On request: kit Bend Micro with driver to be installed on side's fittings (n. 2 spot maximum for fitting)

OP. A richiesta - On request: potenze maggiorate max 36 Led - power increased max 36 Led



ACC. 3191 Rosone - Canopy

N.B.: A richiesta possibilità di utilizzare i 2 fasci nello stesso apparecchio.
NOTE: On request you can use all two beams in the same fitting.

TRAIL SOSPENSIONE



- Corpo in alluminio verniciato in polveri.
- Schermo in policarbonato.
- Alimentatore integrato.

- Aluminum powder coated body.
- Polycarbonate screen.
- Integrated driver.

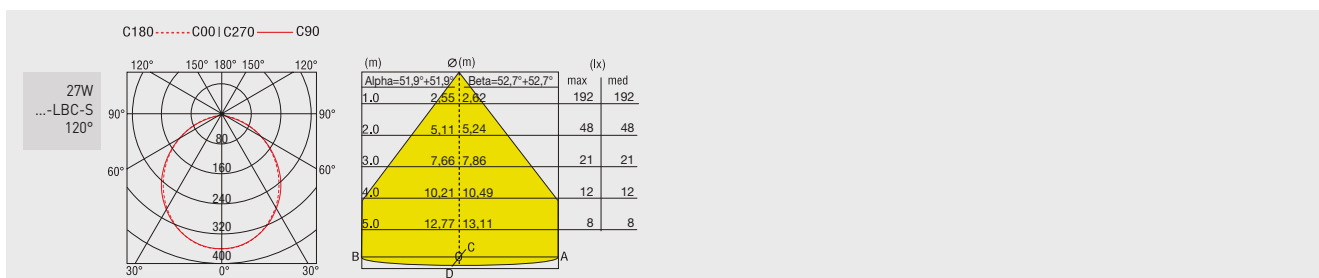


FASCIO DIFFONDENTE - DIFFUSED BEAM	LED	SISTEMA-SYSTEM							
		W	lm	lm/W					
	ON-OFF								
	Br 3740-LBC-S	27W	2460	220-240V 24V	3000	>80	31W	1720	55
	Br 3740-LBN-S	27W	2660	220-240V 24V	4000	>80	31W	1860	58
	DIM 1÷10V								
	Br 3740LBC-S-DIM	27W	2460	220-240V 24V	3000	>80	31W	1720	55
	Br 3740LBN-S-DIM	27W	2660	220-240V 24V	4000	>80	31W	1860	58
	PUSH								
	Br 3740-LBC-S-PH	27W	2460	220-240V 24V	3000	>80	31W	1720	55
	Br 3740-LBN-S-PH	27W	2660	220-240V 24V	4000	>80	31W	1860	58
	DALI								
	Br 3740-LBC-S-DA	27W	2460	220-240V 24V	3000	>80	31W	1720	55
	Br 3740-LBN-S-DA	27W	2660	220-240V 24V	4000	>80	31W	1860	60
	ON-OFF								
	Br 3743-LBC-S	40,5W	3700	220-240V 24V	3000	>80	44,5W	2580	58
	Br 3743-LBN-S	40,5W	4000	220-240V 24V	4000	>80	44,5W	2790	63
	DIM 1÷10V								
	Br 3743LBC-S-DIM	40,5W	3700	220-240V 24V	3000	>80	44,5W	2580	58
	Br 3743LBN-S-DIM	40,5W	4000	220-240V 24V	4000	>80	44,5W	2790	63
	PUSH								
	Br 3743-LBC-S-PH	40,5W	3700	220-240V 24V	3000	>80	44,5W	2580	58
	Br 3743-LBN-S-PH	40,5W	4000	220-240V 24V	4000	>80	44,5W	2790	63
	DALI								
	Br 3743-LBC-S-DA	40,5W	3700	220-240V 24V	3000	>80	44,5W	2580	58
	Br 3743-LBN-S-DA	40,5W	4000	220-240V 24V	4000	>80	44,5W	2790	63

2,30 Kg

3,40 Kg

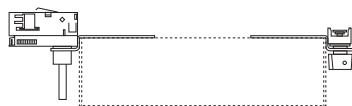
ACC. 3191 Rosone - Canopy





FASCIO DIFFONDENTE - DIFFUSED BEAM	LED	SISTEMA-SYSTEM							
		W	lm	lm/W					
	ON-OFF	W	lm	V	K	(CRI)	W	lm	lm/W
	Br 3746-LBC-S	54W	4920	220-240V 24V	3000	>80	58W	3440	59
	Br 3746-LBN-S	54W	5320	220-240V 24V	4000	>80	58W	3720	64
	DIM 1÷10V	W	lm	V	K	(CRI)	W	lm	lm/W
	Br 3746LBC-S-DIM	54W	4920	220-240V 24V	3000	>80	58W	3440	59
	Br 3746LBN-S-DIM	54W	5380	220-240V 24V	4000	>80	58W	3720	64
	PUSH	W	lm	V	K	(CRI)	W	lm	lm/W
	Br 3746-LBC-S-PH	54W	4920	220-240V 24V	3000	>80	58W	3440	59
	Br 3746-LBN-S-PH	54W	5380	220-240V 24V	4000	>80	58W	3720	64
	Br 3746-LBC-S-DA	54W	4920	220-240V 24V	3000	>80	58W	3440	59
	Br 3746-LBN-S-DA	54W	5320	220-240V 24V	4000	>80	58W	3720	64

4,40 Kg



OP. 3193 Adattatore per binario 3 fasi, venduto già montato sull'apparecchio
Adapter for 3-phase track, sold already mounted on the fitting
A richiesta - On request: potenze maggiorate max 36 Led - power increased max 36 Led

Esempio di ordinazione
Ordering example 3730-LBC-P + 3193

ACC. Br 3194 Kit attacco a parete - Wall mounting kit

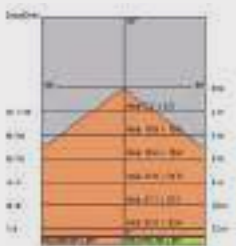
3191 Rosone - Canopy

IP 20

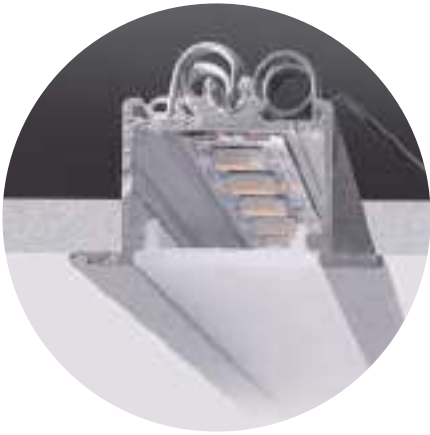


inside

54W
...-LBC-S
120°







MICRO LINEAR SYSTEM è un sistema lineare da incasso, di dimensioni ridotte, pensato per realizzare linee luminose e tagli di luce. Con questo sistema è possibile realizzare linee ed angoli luminosi senza interruzione sullo stesso piano o tra piani diversi, parete-soffitto. Semplicità e facilità d'uso sono caratteristiche che contraddistinguono questo sistema, infatti l'estruso di alluminio è stato progettato con un piccolo bordo che consente l'installazione senza onerosi lavori di rasatura e gessatura. L'installazione veloce si completa fissando il profilo mediante le molle di tenuta in acciaio temperato presenti sulla parte posteriore.

MICRO LINEAR SYSTEM is a recessed linear system, with small size, designed to create light lines and light cuts. With this system it is possible to create bright lines and angles without interruption on the same floor or between different floors, wall-ceiling. Simplicity and ease of use are characteristics that distinguish this system, in fact the extrusion in aluminum has been designed with a small edge that allows the installation without expensive works of shaving and plastering. The quick installation is completed by fixing the profile through the tempered steel holding springs on the back.

MICRO LINEAR SYSTEM
















- Corpo estruso in alluminio verniciato bianco in polveri epossidiche.
- Testate in alluminio verniciato bianco in polveri epossidiche.
- Schermo in policarbonato opale.
- Molle in acciaio temperato.
- Strip Led.

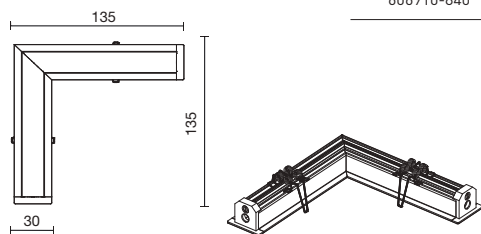
22 x (L) + 4 mm $\Delta = 0 \pm 20$ mm

- Extruded aluminum body painted in white epoxy powders.
- Aluminum heads painted in white epoxy powders.
- Polycarbonate opal screen.
- Tempered steel springs.
- Strip Led.

	L (mm)	LED			SISTEMA-SYSTEM				
		(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)
	0,36 Br 606010-827 606010-830 606010-840	110	1,5W	103	24V	2700	1,5W	69	46
			107	3000	72	48			
			116	4000	78	52			
0,70 Br 606020-827 606020-830 606020-840	210		3W	177	24V	2700	3W	119	40
			183	3000	122	41			
			198	4000	132	44			
1,05 Br 606030-827 606030-830 606030-840	310		4,5W	250	24V	2700	4,5W	167	37
			260	3000	174	39			
			281	4000	188	42			
1,36 Br 606040-827 606040-830 606040-840	410		6W	324	24V	2700	6W	217	36
			336	3000	225	38			
			364	4000	244	41			
1,70 Br 606050-827 606050-830 606050-840	510		7,5W	397	24V	2700	7,5W	266	35
			413	3000	277	37			
			447	4000	300	40			
2,03 Br 606060-827 606060-830 606060-840	610		9W	471	24V	2700	9W	315	35
			489	3000	328	36			
			529	4000	354	39			
2,36 Br 606070-827 606070-830 606070-840	710		10,5W	544	24V	2700	10,5W	364	35
			566	3000	379	36			
			612	4000	410	39			
2,70 Br 606080-827 606080-830 606080-840	810		12W	618	24V	2700	12W	414	35
			642	3000	430	36			
			695	4000	466	39			
3,03 Br 606090-827 606090-830 606090-840	910		13,5W	691	24V	2700	13,5W	463	34
			719	3000	482	36			
			777	4000	521	39			
3,36 Br 606100-827 606100-830 606100-840	1010		14W	765	24V	2700	14W	513	37
			795	3000	537	38			
			860	4000	576	41			
3,70 Br 606110-827 606110-830 606110-840	1110		16W	838	24V	2700	16W	561	35
			871	3000	584	37			
			943	4000	632	40			
4,03 Br 606120-827 606120-830 606120-840	1210		17,5W	912	24V	2700	17,5W	671	35
			948	3000	635	36			
			1025	4000	687	39			
4,36 Br 606130-827 606130-830 606130-840	1310		19W	986	24V	2700	19W	661	35
			1024	3000	686	36			
			1108	4000	742	39			
4,70 Br 606140-827 606140-830 606140-840	1410		20,5W	1059	24V	2700	20,5W	710	35
			1101	3000	738	36			
			1191	4000	798	39			
5,33 Br 606150-827 606150-830 606150-840	1510		22W	1133	24V	2700	22W	759	35
			1177	3000	789	36			
			1274	4000	854	39			
5,36 Br 606160-827 606160-830 606160-840	1610		24W	1206	24V	2700	24W	808	34
			1254	3000	840	38			
			1356	4000	909	38			
5,70 Br 606170-827 606170-830 606170-840	1710		25,5W	1280	24V	2700	25,5W	858	34
			1330	3000	891	35			
			1439	4000	964	38			
6,03 Br 606180-827 606180-830 606180-840	1810		27W	1353	24V	2700	27W	907	34
			1406	3000	942	35			
			1522	4000	1020	38			



	L (mm)	LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
 Br 606190-827 606190-830 606190-840	1910	28,5W	1427	24V	3000	>80	28,5W	956	34
			1483					994	35
			1604					1035	38
 Br 606200-827 606200-830 606200-840	2010	29W	1500	24V	3000	>80	29W	1005	35
			1559					1045	36
			1687					1030	39
 Br 606210-827 606210-830 606210-840	2110	30,5W	1574	24V	3000	>80	30,5W	1055	35
			1636					1096	36
			1770					1086	39
 Br 606220-827 606220-830 606220-840	2210	32W	1648	24V	3000	>80	32W	1104	35
			1712					1147	36
			1852					1241	39
 Br 606230-827 606230-830 606230-840	2310	33,5W	1721	24V	3000	>80	33,5W	1153	34
			1789					1199	36
			1935					1296	39
 Br 606240-827 606240-830 606240-840	2410	35W	1795	24V	3000	>80	35W	1203	34
			1865					1250	36
			2018					1352	39
 Br 606250-827 606250-830 606250-840	2510	36,5W	1868	24V	3000	>80	36,5W	1252	34
			1942					1301	36
			2101					1408	39
 Br 606260-827 606260-830 606260-840	2610	38W	1942	24V	3000	>80	38W	1301	34
			2018					1352	36
			2183					1463	39
 Br 606270-827 606270-830 606270-840	2710	39,5W	2015	24V	3000	>80	39,5W	1350	34
			2094					1403	36
			2266					1318	38
 Br 606280-827 606280-830 606280-840	2810	41W	2089	24V	3000	>80	41W	1400	34
			2171					1455	36
			2349					1574	38
 Br 606290-827 606290-830 606290-840	2910	42,5W	2162	24V	3000	>80	42,5W	1449	34
			2247					1505	36
			2431					1629	38
 Br 606300-827 606300-830 606300-840	3010	43,5W	2236	24V	3000	>80	43,5W	1498	34
			2324					1557	36
			2514					1684	38
MODULO ANGOLARE ANGULAR MODULE	ang. 140x140	1,5W	103	24V	3000	>80	1,5W	69	46
 Br 606910-827 606910-830 606910-840	107		72					48	
	116		78					52	



IP 40



inside



INCASSO - RECESSED

PARETE/PLAFONE - WALL/CEILING

SOSPENSIONE - SUSPENSION



LINEAR SYSTEM

Un archetipo fondamentale delle geometrie dell'architettura che entra a far parte del mondo della luce.

Una linea luminosa che, grazie alla sua modularità e flessibilità, si inserisce in maniera organica in molteplici ambienti consentendo di materializzare profondità, continuità visiva ed equilibrio nella percezione delle superfici.

Linear System è un sistema a sviluppo lineare che nasce dall'esigenza di assecondare e dialogare con le geometrie dell'architettura rendendo chiara e gerarchizzata la percezione degli spazi e dei volumi.

Il tema geometrico Linear System ha molteplici sfaccettature che permettono al sistema di integrarsi nelle superfici o di diventare lui stesso un volume da posizionare in prossimità di piani o di essere utilizzato in modo autonomo all'interno di volumetrie aperte.

La sua morfologia estremamente pulita e proporzionata consente, in qualsiasi modo esso venga impiegato e progettato, l'inserimento del sistema nell'architettura moderna e non, in maniera poco invasiva e fortemente integrata rendendo l'emissione luminosa e lo spazio i veri protagonisti della scena architettonica.

Linear System è stato progettato per ospitare differenti diffusori (microprismi a controllo delle luminanze secondo le normative UNI EN 12464 e opale diffondente) e due sorgenti luminose (fluorescenti lineari T5, LED) che garantiscono all'intero sistema di essere inserito in qualsiasi ambiente.

A fundamental archetype of the architecture geometries that is entering in the light world.

A luminous line that, thanks to its modularity and flexibility, fits organically in multiple environments allowing to materialize depth, visual continuity and balance in the perception of the surfaces.

Linear System is a system that develops linearly and stems from the need to support and interact with the geometry of the architecture making clear and hierarchical the perception of spaces and volumes.

The geometrical theme of Linear System has various facets that allow the system to integrate in the surfaces and become a volume that can be positioned close to planes or used stand-alone within open volumes.

Its extremely clean and proportionate morphology allows, in whatever way it is tested and designed, the inserting of Linear System both in modern and not modern architecture, in a minimally invasive and highly integrated way, making the light and space the real protagonist in the architectural scene.

Linear System has been designed to host different light diffusers (light controlling micro prisms compliant with UNI EN 12464 and opal diffuser) and two light sources (linear fluorescent T5, LED) that grant the entire system to fit in any environment.



 INCASSO - RECESSED

Il sistema lineare da incasso nasce con l'intento di integrarsi nelle strutture architettoniche in maniera minimale e poco invasiva. L'assenza di un frame perimetrale consente al sistema di esprimere in maniera essenziale il concetto di linea luminosa che insieme alle diverse modularità permette di creare composizioni molto suggestive e performanti. L'omogeneità e l'uniformità della distribuzione dei flussi luminosi è garantita da sistemi di luce continua sia per sorgenti fluorescenti lineari T5 che per moduli LED. Il risultato che ne consegue è la percezione di una linea luminosa perfettamente uniforme dall'inizio alla fine senza punti scuri o decadimenti luminosi.

The recessed linear system is created to integrate in the architectural structures in a minimal and slightly invasive way. The absence of a perimeteric frame allows the system to express essentially the concept of luminous line that along with different modularity creates very impressive and performing compositions. The homogeneity and uniformity of the luminous fluxes distribution is granted by systems of continuous light both for the T5 linear fluorescent sources and for the LED modules. The final result is the perception of a luminous light that is perfectly uniform from the beginning to the end with no dark points or light fall offs.



 PARETE/PLAFONE - CEILING/WALL

Il sistema Linear System, grazie alla sua pulizia formale e alle finiture costruttive, si inserisce in maniera equilibrata in prossimità di superfici verticali o orizzontali come volume geometrico indipendente dalla struttura architettonica.

Linear System, thanks to its formal simplicity and constructive frames, can be inserted in an equilibrated way, in proximity of vertical or horizontal surfaces as a volume independent from the architectural structure.

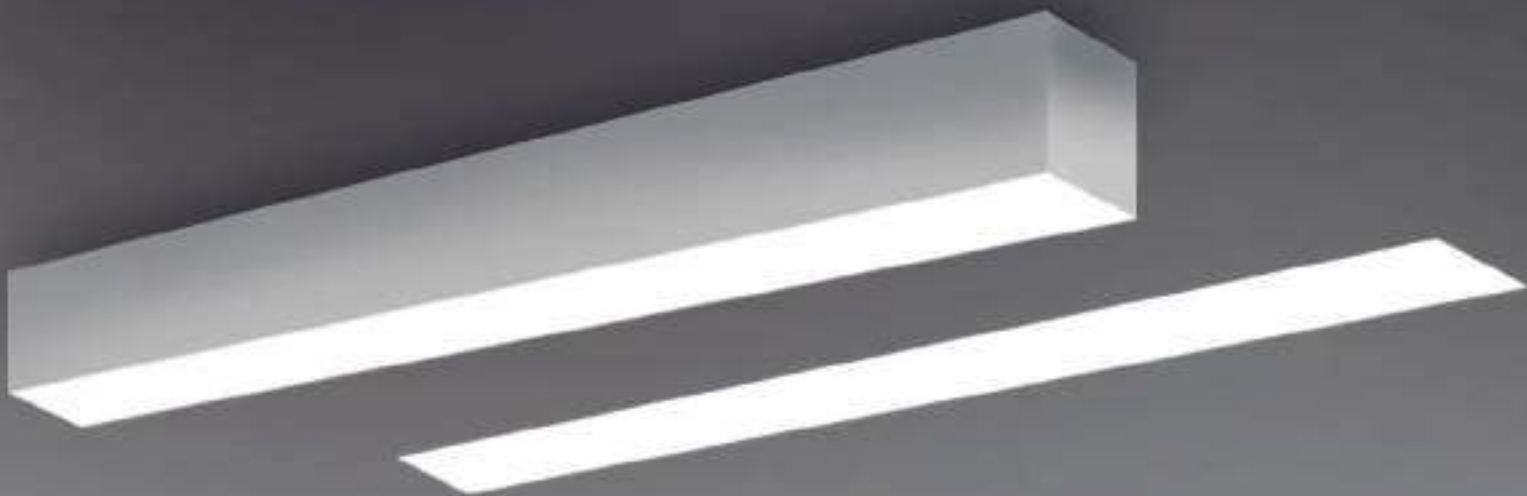


 SOSPENSIONE - SUSPENSION

Le proporzioni geometriche del profilo che contraddistinguono il sistema Linear System rendono efficace e decisamente interessante l'installazione di moduli a sospensione. Le composizioni che si possono realizzare rimangono molteplici a garanzia di flessibilità e versatilità. La possibilità di far lavorare il sistema a differenti altezze con la possibilità di gestire l'emissione dei flussi luminosi ne rende possibile l'installazione in differenti ambiti architettonici.

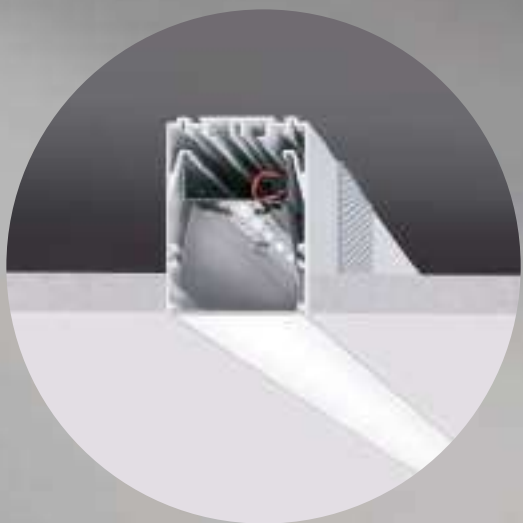
The geometrical proportions of the profile proper of the System make the installation of suspended modules very effective and interesting. A big number of compositions can be done as to confirm the flexibility and versatility of the System itself. The System can work from different heights and can manage the emission of the luminous fluxes, and therefore can be installed in different architectural environments.



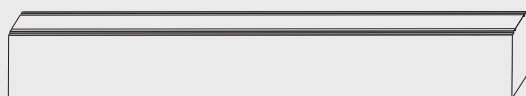


INCASSO - RECESSED

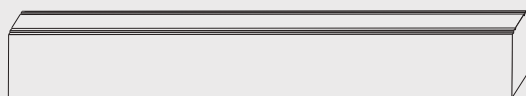
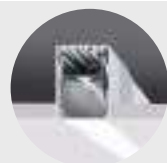
PARETE/ PLAFONE - WALL/CEILING



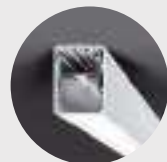
ESEMPIO ORDINE - ORDER EXAMPLE

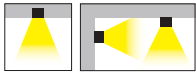


INCASSO
RECESSED



PARETE
WALL





- Struttura in estruso di alluminio verniciato in polveri epossidiche.
- Testata chiusura in alluminio verniciato in polveri epossidiche.
- Schermo in metacrilato opale.
- Led durata utile: 50.000 (h) L80 B20.
- **UGR <19 su richiesta.**

- Extruded aluminium painted in epoxy structure.
- End cap in extruded aluminium painted in epoxy.
- Opal methacrylate diffuser.
- Led life: 50.000 (h) L80 B20.
- **UGR <19 on request.**



		LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W	
	ON-OFF									
	Gr 3464-LBC	34,4W	4200	220-240V (450mA)	3000	>80	38,8W	2548	66	
	Br 3465-LBC									
	Gr 3464-LBN	34,4W	4520	220-240V (450mA)	4000	>80	38,8W	2742	71	
Br 3465-LBN										
	DIMMER DALI									
	Gr 3474-LBC	34,4W	4200	220-240V (450mA)	3000	>80	38,8W	2548	66	
	Br 3475-LBC									
	Gr 3474-LBN	34,4W	4520	220-240V (450mA)	4000	>80	38,8W	2742	71	
Br 3475-LBN										
	ON-OFF									
	Gr 3466-LBC	60,2W	7350	220-240V (450mA)	3000	>80	64,2W	4458	69	
	Br 3467-LBC									
	Gr 3466-LBN	60,2W	7910	220-240V (450mA)	4000	>80	64,2W	4799	75	
Br 3467-LBN										
	DIMMER DALI									
	Gr 3476-LBC	60,2W	7350	220-240V (450mA)	3000	>80	64,2W	4499	69	
	Br 3477-LBC									
	Gr 3476-LBN	60,2W	7910	220-240V (450mA)	4000	>80	64,2W	4799	75	
Br 3477-LBN										
MODULO ANGOLARE A INCASSO/PLAFONE RECESSED/CEILING ANGLE MODULE 	ON-OFF									
	Gr 3468-LBC	17,2W	2100	220-240V (450mA)	3000	>80	20,2W	1275	63	
Br 3469-LBC										
	Gr 3468-LBN	17,2W	2260	220-240V (450mA)	4000	>80	20,2W	1372	67	
	Br 3469-LBN									
MODULO ANGOLARE A PARETE/PLAFONE WALL/CEILING ANGLE MODULE 	ON-OFF									
	Gr 3458-LBC	17,2W	2100	220-240V (450mA)	3000	>80	20,2W	1275	63	
Br 3459-LBC										
	Gr 3458-LBN	17,2W	2260	220-240V (450mA)	4000	>80	20,2W	1372	67	
	Br 3459-LBN									
	Gr 699829	STAFFA DI FISSAGGIO INCASSO RECESSED FIXING BRACKET								
		n. 1 STAFFA DI FISSAGGIO ogni 1500 mm. (minimo 2 pezzi) n. 1 FIXING BRACKET each 1500 mm. (minimum 2 pieces)								
	Gr 699826	STAFFA DI FISSAGGIO A PARETE WALL FIXING BRACKET								
		n. 1 STAFFA DI FISSAGGIO ogni 1500 mm. (minimo 2 pezzi) n. 1 FIXING BRACKET each 1500 mm. (minimum 2 pieces)								

N.B. Per il montaggio a plafone LINEAR SYSTEM non necessita accessori. - For ceiling mounting, LINEAR SYSTEM doesn't need any accessoires.

OP. A richiesta prodotti customizzati lunghezze varie - On request various lengths customised products
A richiesta - On request:





SOSPENSIONE - SUSPENSION



OP. A richiesta prodotti customizzati nelle misure L = 1128 - 2248 - 3368 - 4484 mm - On request customised products L = 1128 - 2248 - 3368 - 4484 mm
A richiesta - On request:

UGR<19

IP 20



inside



- Struttura in estruso di alluminio verniciato in polveri epossidiche.
- Testata chiusura in alluminio verniciato in polveri epossidiche.
- Schermo in metacrilato opale.
- Led durata utile: 50.000 (h) L80 B20.
- A richiesta lunghezza custom.
- **UGR <19 su richiesta.**

- Extruded aluminium painted in epoxy structure.
- End cap in extruded aluminium painted in epoxy.
- Opal methacrylate diffuser.
- Led life: 50.000 (h) L80 B20.
- On request custom length.
- **UGR <19 on request.**



	LED	SISTEMA-SYSTEM					
		W	lm	lm/W			
	ON-OFF						
	Gr 3464-LBC-S	34,4W	4200	220-240V (450mA)	3000	>80	38,8W 2548 66
	Br 3465-LBC-S						
	Gr 3464-LBN-S	34,4W	4520	220-240V (450mA)	4000	>80	38,8W 2742 71
	Br 3465-LBN-S						
		DIMMER DALI					
Gr 3474-LBC-S		34,4W	4200	220-240V (450mA)	3000	>80	38,8W 2548 66
Br 3475-LBC-S							
Gr 3474-LBN-S		34,4W	4520	220-240V (450mA)	4000	>80	38,8W 2742 71
Br 3475-LBN-S							
		ON-OFF					
	Gr 3466-LBC-S	60,2W	7350	220-240V (450mA)	3000	>80	64,2W 4458 69
	Br 3467-LBC-S						
	Gr 3466-LBN-S	60,2W	7910	220-240V (450mA)	4000	>80	64,2W 4799 75
	Br 3467-LBN-S						
		DIMMER DALI					
Gr 3476-LBC-S		60,2W	7350	220-240V (450mA)	3000	>80	64,2W 4499 69
Br 3477-LBC-S							
Gr 3476-LBN-S		60,2W	7910	220-240V (450mA)	4000	>80	64,2W 4799 75
Br 3477-LBN-S							
		ON-OFF					
	Gr 3468-LBC-S	17,2W	2100	220-240V (450mA)	3000	>80	20,2W 1275 63
	Gr 3468-LBN-S	17,2W	2260	220-240V (450mA)	4000	>80	20,2W 1372 67

	Br 699907	KIT BLOCCACAVO SOSPENSIONE (ROSONE) - CABLE LOCK KIT SUSPENSION (CANOPY)	
	Gr 699908		
	Gr 699831	KIT SOSPENSIONE A FILO - WIRE SUSPENSION KIT	L.1000mm
		n. 1 STAFFA DI FISSAGGIO ogni 1500 mm. (minimo 2 pezzi) n. 1 FIXING BRACKET each 1500 mm. (minimum 2 pieces)	
	Br 699910	SOSPENSIONE A TIGE RIGIDA - RIGID TIGE SUSPENSION	L.600mm
	Gr 699911		
	Br 699912	SOSPENSIONE A TIGE RIGIDA - RIGID TIGE SUSPENSION	L.1200mm
	Gr 699913		
		n. 1 STAFFA DI FISSAGGIO ogni 1500 mm. (minimo 2 pezzi) n. 1 FIXING BRACKET each 1500 mm. (minimum 2 pieces)	

ESEMPIO ORDINE - ORDINE EXAMPLE

+ + = SOSPENSIONE FILO WIRE SUSPENSION

+ + = SOSPENSIONE TIGE TIGE SUSPENSION

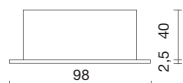




LIGHT CUT - SISTEMA FINITO - COMPLETED SYSTEM

- Apparecchio da incasso per controsoffitti.
- Struttura in estruso di alluminio verniciato in polveri epossidiche per interni.
- Schermo in metacrilato opale.
- Led durata utile: 50.000 (h) L80 B20.

- Recessed fitting for false-ceilings.
- Constructed of extruded aluminum painted in epoxy for indoor use.
- Opal methacrylate diffuser.
- Led life: 50.000 (h) L80 B20.



			LED			SISTEMA-SYSTEM					
			(W)	(lm)	(V)	(K)	(CRI)	(W)		(lm)	(lm/W)
 343	 0,35	LIGHT CUT 30 Br 3449-LBC 3449-LBN	6,3W	530	24Vdc	3000	>80	6,3W	364	58	 331x88 mm
			6,3W	660				6,3W	454		
 450	 0,50	LIGHT CUT 45 Br 3450-LBC 3450-LBN	8,4W	700	24Vdc	3000	>80	8,4W	468	56	 438x88 mm
			8,4W	780				8,4W	521		
 660	 0,70	LIGHT CUT 60 Br 3445-LBC 3445-LBN	12,6W	1060	24Vdc	3000	>80	12,6W	719	57	 648x88 mm
			12,6W	1320				12,6W	895		
 1188	 1,40	LIGHT CUT 120 Br 3440-LBC 3440-LBN	23,1W	1930	24Vdc	3000	>80	23,1W	1309	57	 1176x88 mm
			23,1W	2220				23,1W	1505		
 1821	 2,00	LIGHT CUT 180 Br 3446-LBC 3446-LBN	35,7W	2990	24Vdc	3000	>80	35,7W	2027	57	 1809x88 mm
			35,7W	3540				35,7W	2400		
 2350	 2,80	LIGHT CUT 240 Br 3441-LBC 3441-LBN	46,2W	3860	24Vdc	3000	>80	46,2W	2617	57	 2338x88 mm
			46,2W	4440				46,2W	3011		
 2984	 3,50	LIGHT CUT 300 Br 3447-LBC 3447-LBN	58,8W	4900	24Vdc	3000	>80	58,8W	3326	57	 2972x88 mm
			58,8W	5460				58,8W	3706		
 3617	 4,20	LIGHT CUT 360 Br 3448-LBC 3448-LBN	71,4W	5960	24Vdc	3000	>80	71,4W	4041	57	 3605x88 mm
			71,4W	6780				71,4W	4597		

OP. A richiesta schermo sabbato - On request frosted diffuser

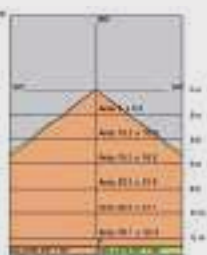


ACC.				
644599	Alimentatore - Driver	10W	IP20	
645763	Alimentatore - Driver	35W	IP20	
645038	Alimentatore - Driver	60W	IP20	
645178	Alimentatore - Driver	100W	IP20	
645179	Alimentatore - Driver	150W	IP20	

IP 20
IP 44



6,3W
...-LBC
120°





IL SISTEMA MODULARE SI COMPONE UNENDO - MODULAR SYSTEM IS COMPOSED BY COMBINING:

MODULO LINEARE - LINEAR MODULE **A-B-C-D-E-F-G-H**

+

MODULO ANGOLARE - ANGLE MODULE **R**

+

SCHERMO DI PROTEZIONE - PROTECTION SCREEN **S**

+

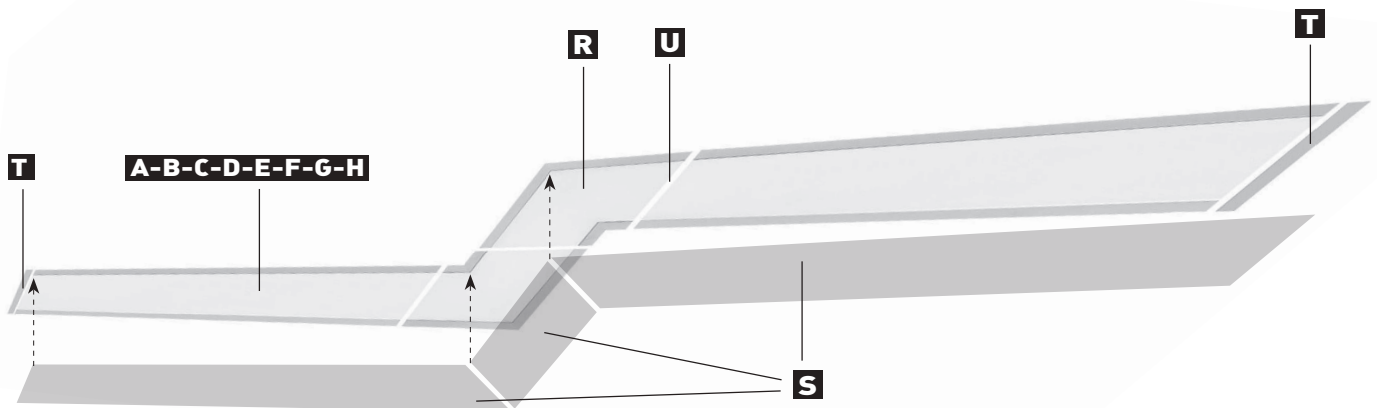
KIT DI GIUNZIONE - JUNCTION KIT **U**

+

TESTATA DI CHIUSURA - CAP LOCK **T**

+

ALIMENTATORE - DRIVER **V**

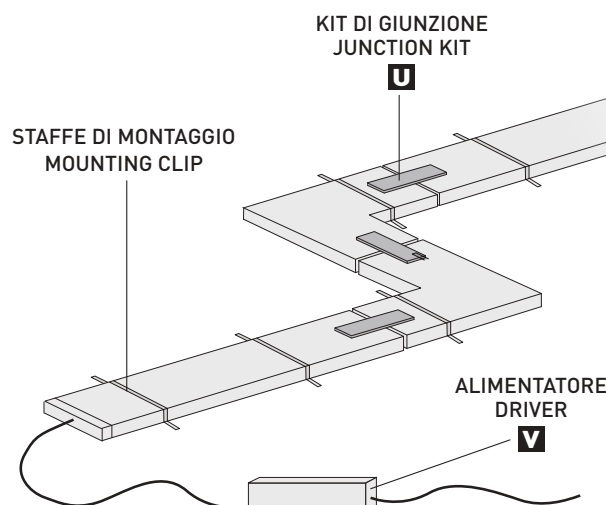
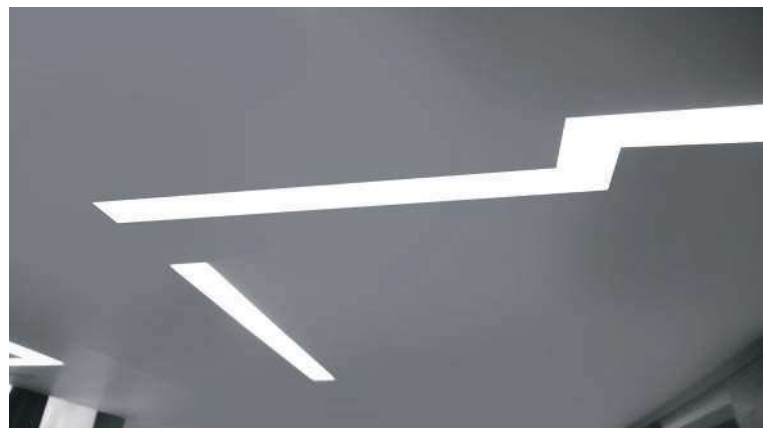


- I moduli scelti **(A-B-C-D-E-F-G-H)** verranno forniti non assemblati;
- I moduli, sono compresi di staffe di aggancio al controsoffitto;
- Tra un modulo e l'altro prevedere un KIT DI GIUNZIONE **(U)**;
- Il taglio dello SCHERMO DI PROTEZIONE **(S1-S2-S3-S4)** è a carico dell'installatore presso il cantiere;

N.B. per richieste speciali di SISTEMI MODULARI verranno applicati costi aggiuntivi di progettazione.

- The chosen modules **(A-B-C-D-E-F-G-H)** are supplied not mounted;
- The modules include brackets for the connection to the suspended ceiling;
- Between the modules a JUNCTION KIT **(U)** is required;
- Cutting of PROTECTION SCREEN **(S1-S2-S3-S4)** to be done by the installer on site;

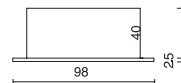
Remark: in case of MODULAR SYSTEM special requests, additional design costs are applied.



LIGHT CUT - SISTEMA MODULARE - MODULAR SYSTEM



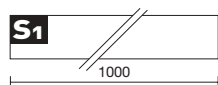
- Apparecchio da incasso per controsoffitti per sistemi modulari.
- Struttura in estruso di alluminio verniciato in polveri epossidiche per interni.
- Forniti senza testate di chiusura e senza schermo.
- Led durata utile: 50.000 (h) L80 B20.
- Recessed fitting for false-ceilings for modular systems.
- Constructed of extruded aluminum painted in epoxy for indoor use.
- Supplied without caps lock and screen.
- Led life: 50.000 (h) L80 B20.



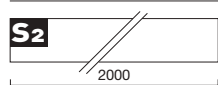
	LEAD	LED			SISTEMA-SYSTEM			Image		
		W	lm	V	K	CRI	W		lm	lm/W
A 322	 LIGHT CUT 30 Br 3449-LBC-A 3449-LBN-A	6,3W 6,3W	530 660	24Vdc	3000 4000	>80	6,3W 6,3W	364 454	58 72	 322x88 mm
B 428	 LIGHT CUT 40 Br 3450-LBC-B 3450-LBN-B	8,4W 8,4W	700 780	24Vdc	3000 4000	>80	8,4W 8,4W	468 521	56 62	 428x88 mm
C 638,5	 LIGHT CUT 60 Br 3445-LBC-C 3445-LBN-C	12,6W 12,6W	1060 1320	24Vdc	3000 4000	>80	12,6W 12,6W	719 895	57 71	 638,5x88 mm
D 1167	 LIGHT CUT 120 Br 3440-LBC-D 3440-LBN-D	23,1W 23,1W	1930 2220	24Vdc	3000 4000	>80	23,1W 23,1W	1309 1505	57 65	 1167x88 mm
E 1800	 LIGHT CUT 180 Br 3446-LBC-E 3446-LBN-E	35,7W 35,7W	2990 3540	24Vdc	3000 4000	>80	35,7W 35,7W	2027 2400	57 67	 1800x88 mm
F 2328	 LIGHT CUT 240 Br 3441-LBC-F 3441-LBN-F	46,2W 46,2W	3860 4440	24Vdc	3000 4000	>80	46,2W 46,2W	2617 3011	57 65	 2328x88 mm
G 2963	 LIGHT CUT 300 Br 3447-LBC-G 3447-LBN-G	58,8W 58,8W	4900 5460	24Vdc	3000 4000	>80	58,8W 58,8W	3326 3706	57 63	 2963 x88 mm
H 3596	 LIGHT CUT 360 Br 3448-LBC-H 3448-LBN-H	71,4W 71,4W	5960 6780	24Vdc	3000 4000	>80	71,4W 71,4W	4041 4597	57 64	 3596x88 mm
T 42,5 13,6 98	 KIT N.2 TESTATE DI CHIUSURA KIT N. 2 CAPS LOCK Br 3443	-	-	-	-	-	-	-	-	 4,5x 88 mm per singola testata for each cap
R 158 158 40 98	 MODULO ANGOLARE (Q) ANGLE MODULE (Q) Br 3442-LBC 3442-LBN	4,2W	360 400	24Vdc	3000 4000	-	4,2W 4,2W	244 271	58 64	 155,5 155,5 6,75 6,75 8,8 8,8

ACC.	Code	Description	Power
	644599	Alimentatore - Driver	10W-IP20
	645408+(644599)	Alimentatore emergenza 1h Driver emergency 1h	max 1Led -IP20
	645408	Alimentatore emergenza 1h Driver emergency 1h	max 1Led -IP20

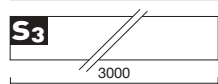
N.B. le dimensioni totali dei fori nel cartongesso, si ricavano sommando le dimensioni dei moduli scelti, delle 2 testate di chiusura ed eventuali angoli.
 Remark: the total dimension of the holes in the plasterboard are the result of the sum of chosen module dimension, of the 2 end caps and possible corners.



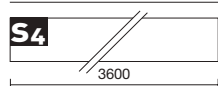
SCHERMO DI PROTEZIONE METACRILATO OPALE
OPAL METHACRYLATE SCREEN PROTECTION
699814



699815



699816



699817

OP. A richiesta schermo sabbato - On request frosted diffuser

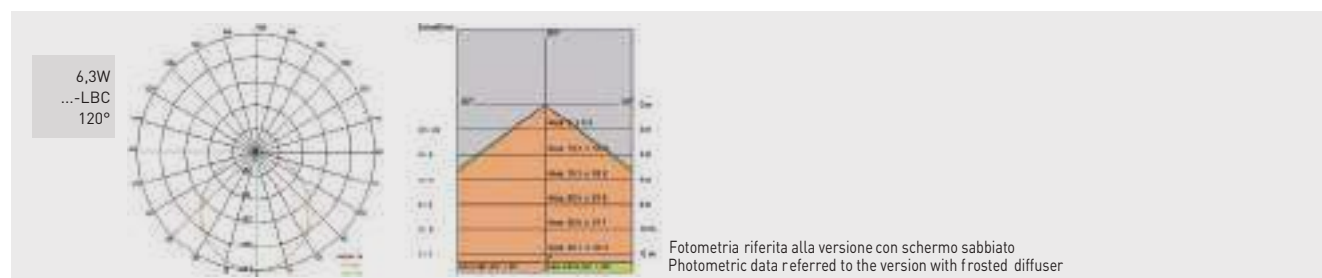
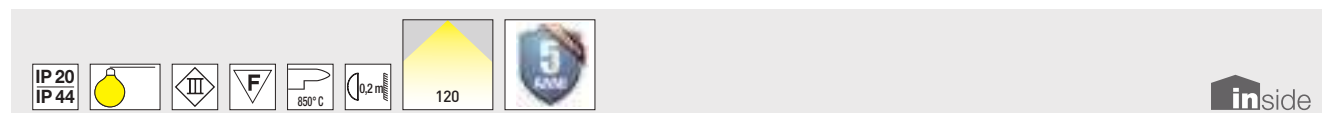
U



KIT DI GIUNZIONE - JUNCTION KIT
3444

V

644599	Alimentatore - Driver	10W	IP20
645763	Alimentatore - Driver	35W	IP20
645038	Alimentatore - Driver	60W	IP20
645178	Alimentatore - Driver	100W	IP20
645179	Alimentatore - Driver	150W	IP20

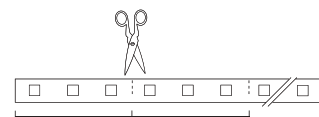


STRIP LED SMD 1



- Modulo Led su circuito flessibile con lato posteriore autoadesivo adatto a qualsiasi superficie fornito completo di cavalletto di fissaggio.
- Fornito in bobine (rolle) da 5 metri con possibilità di taglio secondo la tabella sottostante.

- Led module on flexible circuit with rear adhesive suitable for any surface supplied with clamp.
- Supplied in rolls of 5 meters with the possibility of cut according to the table below.

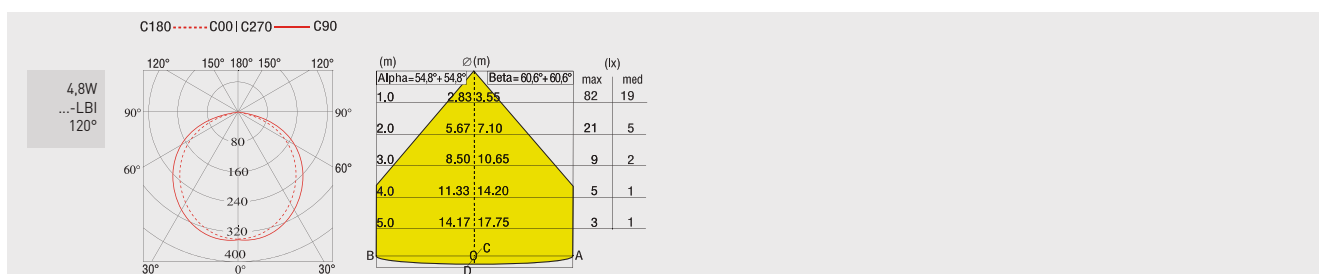


	120	L (m)	TAGLIO (mm) CUT (mm)	W (m)	Im (m)	V	K	CRI	LARGHEZZA (mm) WIDE (mm)	N. LED	ALIMENTATORE - DRIVER
	645256-LBC	5	50	4,8W	204	12Vdc	3000	>80	8	300	644888 (10W 230-12V for max 2m.) 644889 (40W 230-12V for max 5m.)
	645256-LBN				207		4000				
	645256-LBI				210		6000				
	645256-LBL				-		470nm				
	646164-LBC	5	100	4,8W	250	24Vdc	3000	>80	8	300	644599 (10W 230-24V for max 2m.) 645038 (60W 230-24V for max 5m.)
	646164-LBN				270		4000				
	646164-LBI				380		6000				
	645256-RGB	5	165	4,8W per canale for channel	500	24Vdc		-	10	300	644892-2 (for max 3m.)



IP 20

120

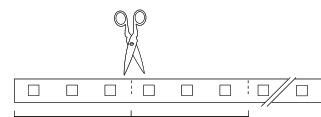




STRIP LED SMD 2-3

- Modulo Led ad alta efficienza su circuito flessibile con lato posteriore autoadesivo adatto a qualsiasi superficie fornito con cavetto di raccordo e accessori per fissaggio.
- Fornito in bobine (rolle) da 5 metri con possibilità di taglio secondo la tabella sottostante.

- Led module on flexible circuit with rear adhesive suitable for any surface with connection cable and fixing accessories.
- Supplied in rolls of 5 meters with the possibility of cut according to the table below.



	120	L (m)	TAGLIO (mm) CUT (mm)	W (m)	Im (m)	V	K	CRI	LARGHEZZA (mm) WIDE (mm)	N. LED	ALIMENTATORE - DRIVER	
	STRIP 2											
		645452-LBC					1080		3200			644888 (10W 230-12V for max 0,6m.)
		645452-LBN	5	50	14,4W	1125	12Vdc	4100	>80	10	300	644889 (50W 230-12V for max 3m.)
		645452-LBI				1170		5000				645475 (100W 230-12V for max 5m. IP67)
	645452-LBC27				1040		2700				645474 (100W 230-12V for max 5m. IP20)	
	STRIP 3											
		645777-LBC					1440		3200			644599 (10W 230-24V for max 0,6m.)
		645777-LBN	5	25	19W	1500	24Vdc	4100	>80	10	240	645038 (60W 230-24V for max 3m.)
		645777-LBI				1560		5000				645178 (100W 230-24V for max 5m. IP20)



IP 20



RG0



inside

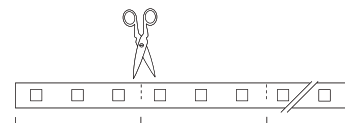
STRIP LED SMD 1



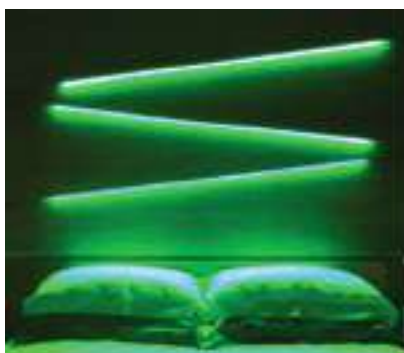
- Modulo Led su circuito flessibile con lato posteriore autoadesivo adatto a qualsiasi superficie completo di cavalletto di fissaggio.
- Versione IP65 con protezione in silicone morbido per basse temperature e raggi UV.
- Fornito in bobine (rolle) da 5 metri con possibilità di taglio secondo la tabella sottostante.



- Led module on flexible circuit with rear adhesive suitable for any surface supplied with clamp.
- IP65 version with silicone protection against low temperature and UV rays.
- Supplied in rolls of 5 meters with the possibility of cut according to the table below.

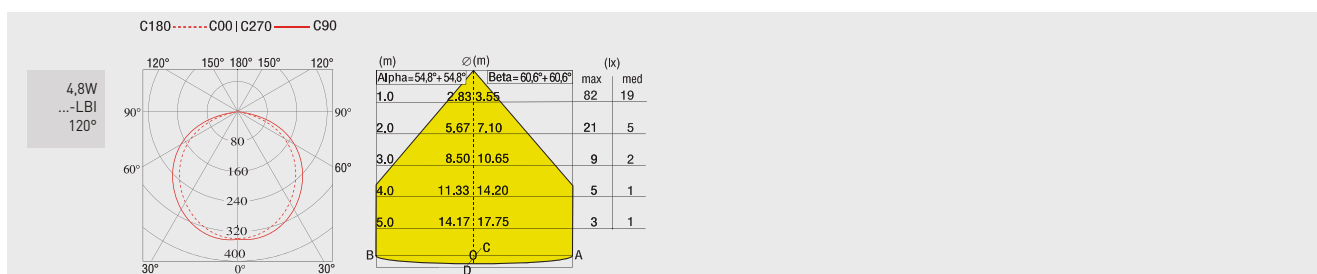


	120	L (m)	TAGLIO (mm) CUT (mm)	W (m)	Im (m)	V	K	CRI	LARGHEZZA (mm) WIDE (mm)	N. LED	ALIMENTATORE - DRIVER
	645256-LBC-IP	5	50	4,8W	204	12Vdc	3000	>80	10	300	644888 (10W 230-12V for max 2m.) 644889 (40W 230-12V for max 5m.)
	645256-LBN-IP				207		4000				
	645256-LBI-IP				210		6000				
	645256-LBL-IP				-		470nm				
	646164-LBC-IP	5	100	4,8W	250	24Vdc	3000	>80	8	300	644599 (10W 230-24V for max 2m.) 645038 (60W 230-24V for max 5m.)
	646164-LBN-IP				270		4000				
	646164-LBI-IP				280		6000				
	645256-RGB-IP	5	100	2,4W per canale for channel	-	12Vdc		-	12	150	645283 (for max 3m.)



IP 65

120

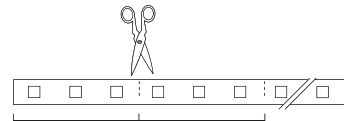




STRIP LED SMD 2-3

- Modulo Led ad alta efficienza su circuito flessibile con lato posteriore autoadesivo adatto a qualsiasi superficie fornito con cavetto di raccordo e accessori per fissaggio.
- Versione IP65 con protezione in silicone morbido per basse temperature e raggi UV.
- Fornito in bobine (rolle) da 5 metri con possibilità di taglio secondo la tabella sottostante.

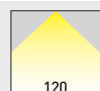
- Led module on flexible circuit with rear adhesive suitable for any surface with connection cable and fixing accessories.
- IP65 version with silicone protection against low temperature and UV rays.
- Supplied in rolls of 5 meters with the possibility of cut according to the table below.



	120	L (m)	TAGLIO (mm) CUT (mm)	W (m)	Im (m)	V	K	CRI	LARGHEZZA (mm) WIDE (mm)	N. LED	ALIMENTATORE - DRIVER
 10mm 3mm	645452-LBC-IP	5	50	14,4W	1080	12Vdc	3000	>80	10	300	644888 (10W 230-12V for max 0,6m.)
	645452-LBN-IP				1125		4000				644889 (50W 230-12V for max 3m.)
	645452-LBI-IP				1170		5000				645475 (100W 230-12V for max 5m. IP67)
	646165-LBC-IP	5	100	14,4W	1080	24Vdc	3200	>80	10	300	645038 (60W 230-24V for max 3m.)
	646165-LBN-IP				1170		4100				645216 (100W 230-24V for max 5m. IP67)
	646165-LBI-IP				1220		5000				



IP 65



outside





FOODLIGHTING



359
NET 15 BLOCK
FOOD



359
NET 18 BLOCK
FOOD PLUS



360
NET 15 MCL
FOOD PLUS



361
NET 18 MCL
FOOD PLUS



362
NET MCL
FOOD PLUS



363
NET MCL
ORIENTABILE
FOOD PLUS



365
NET FLAT
MCL FOOD
PLUS



367
TOR 15 MCL
ORIENTABILE
FOOD



369
MATRIX MCL
FOOD PLUS



370
BEND SLIM
XS-M-XL
FOOD



373
BEND
XS-M-XL
FOOD



376
SIRIUS MCL
FOOD PLUS



377
LUXOR XL
FOOD PLUS



379
UFO 2 MCL
FOOD



380
MINI TOWER
MCL FOOD



383
AURORA XS
FOOD



385
AURORA XL
FOOD PLUS



388
LINEA





NET 15 - 18 BLOCK FOOD

- Vano ottico in pressofusione di alluminio verniciato in polveri.
- Riflettore in alluminio purissimo.
- Raffreddamento Led passivo.
- Vetro di protezione Led.

- Optic tray made of die-cast aluminium powder coated.
- Reflector in pure aluminium.
- Passive cooling Led.
- Led protection glass.

NET 15 BLOCK FOOD



156 mm Δ = 0÷30 mm

NET 18 BLOCK FOOD



205 mm Δ = 1÷30 mm

NET 15 BLOCK FOOD	40°	LED				SISTEMA-SYSTEM		
		W	lm	V	K	W	lm	$\frac{lm}{W}$
	Br 57566-MT		37W 2905	220-240V (1050mA)	-	41W 2601	63	
	Br 57566-FM		37W 2730	220-240V (1050mA)	-	41W 2444	60	
	Br 57566-FH		37W 5025	220-240V (1050mA)	4000	41W 4498	110	
	Br 57566-FV		37W 4685	220-240V (1050mA)	3000	41W 4194	102	
	Br 57566-GD		37W 4265	220-240V (1050mA)	2700	41W 3818	93	
	Br 57566-GDP		37W 2995	220-240V (1050mA)	2400	41W 2681	65	

NET 18 BLOCK PLUS FOOD	90°	LED				SISTEMA-SYSTEM		
		W	lm	V	K	W	lm	$\frac{lm}{W}$
	Br 57575-MT		43W 3270	220-240V (1200mA)	-	47W 2929	62	
	Br 57575-FM		43W 3075	220-240V (1200mA)	-	47W 2754	59	
	Br 57575-FH		43W 5656	220-240V (1200mA)	4000	47W 5066	108	
	Br 57575-FV		43W 5275	220-240V (1200mA)	3000	47W 4725	101	
	Br 57575-GD		43W 4800	220-240V (1200mA)	2700	47W 4299	91	
	Br 57575-GDP		43W 3370	220-240V (1200mA)	2400	47W 3018	64	

OP. A richiesta - On request: colori finitura Ga - finishing colours Ga

SOLO PER NET 15 BLOCK fascio 90° - ONLY FOR NET 15 BLOCK beam 90°

IP 20



inside



NET 15 MCL FOOD PLUS



- Anello e corpo in acciaio verniciato in polveri.
- Parabola in alluminio sabbato fine, vetro di protezione sabbato (a richiesta vetro trasparente)
- Dissipatore passivo
- Steel ring and housing coated with powders.
- Frostel aluminium reflector, frosted protection glass. (on request transparent glass)
- Passive heatsink made of extruded laminated aluminium.



156 mm $\Delta = 1 \div 30$ mm

			LED				SISTEMA-SYSTEM		
			(W)	(lm)	(V)	(K)	(W)	(lm)	(lm/W)
	Bi 57034-MT Ga 57035-MT		43W	3270	220-240V (1200mA)	-	47W	2697	55
	Bi 57034-FM Ga 57035-FM		43W	3075	220-240V (1200mA)	-	47W	2452	52
	Bi 57034-FH Ga 57035-FH		43W	5656	220-240V (1200mA)	4000	47W	4510	96
	Bi 57034-FV Ga 57035-FV		43W	5275	220-240V (1200mA)	3000	47W	4206	89
	Bi 57034-GD Ga 57035-GD		43W	4800	220-240V (1200mA)	2700	47W	3827	81
	Bi 57034-GDP Ga 57035-GDP		43W	3370	220-240V (1200mA)	2400	47W	2687	57

OP. A richiesta solo vano ottico IP44 - On request IP44 optic

IP 20



inside



NET 18 MCL FOOD PLUS

- Anello e corpo in acciaio verniciato in polveri.
- Parabola in alluminio sabbato fine, vetro di protezione sabbato (a richiesta vetro trasparente)
- Dissipatore passivo
- Steel ring and housing coated with powders.
- Frostel aluminium reflector, frosted protection glass. (on request transparent glass)
- Passive heatsink made of extruded laminated aluminium.



205 mm $\Delta = 1 \pm 30$ mm

			LED		SISTEMA-SYSTEM				
			W	lm	V	K	W	lm	$\frac{lm}{W}$
	Bi 57100-MT Ga 57101-MT		43W	3270	220-240V (1200mA)	-	47W	2680	57
	Bi 57100-FM Ga 57101-FM		43W	3075	220-240V (1200mA)	-	47W	2520	54
	Bi 57100-FH Ga 57101-FH		43W	5656	220-240V (1200mA)	4000	47W	4635	99
	Bi 57100-FV Ga 57101-FV		43W	5275	220-240V (1200mA)	3000	47W	4323	92
	Bi 57100-GD Ga 57101-GD		43W	4800	220-240V (1200mA)	2700	47W	3934	84
	Bi 57100-GDP Ga 57101-GDP		43W	3370	220-240V (1200mA)	2400	47W	2762	58

OP. A richiesta solo vano ottico IP44 - On request IP44 optic



IP 20



NET MCL FOOD PLUS



- Anello di finitura esterno in pressofusione di alluminio.
 - Parabola in alluminio purissimo sfaccettata anti-iridescente.
 - Vetro di protezione trasparente.
 - Fissaggio a controsoffitto con staffe regolabili in lamiera zincata.
 - Dissipatore lamellare passivo in alluminio estruso.
 - Alimentatore elettronico esterno in dotazione.
 - Led durata utile: 50.000 (h) L90 B20.
- Die-cast aluminium external finishing trim ring.
 - Reflector in pure aluminium faceted anti-iridescent.
 - Transparent protection glass.
 - False-ceiling fixing with adjustable brackets made of galvanized sheet.
 - Passive heatsink made of extruded laminated aluminium.
 - External electronic ballast supplied.
 - Led life: 50.000 (h) L90 B20.



156 mm Δ 1±30 mm

			LED		SISTEMA-SYSTEM				
			(W)	(lm)	(V)	(K)	(W)	(lm)	(lm/W)
	Br 57580-MT-60		43W	3270	220-240V (1200mA)	-	47W	2986	64
	Br 57580-FM-60		43W	3075	220-240V (1200mA)	-	47W	2808	60
	Br 57580-FH-60		43W	5656	220-240V (1200mA)	4000	47W	5165	110
	Br 57580-FV-60		43W	5275	220-240V (1200mA)	3000	47W	4817	102
	Br 57580-GD-60		43W	4800	220-240V (1200mA)	2700	47W	4383	93
	Br 57580-GDP-60		43W	3370	220-240V (1200mA)	2400	47W	3077	65

OP. A richiesta - On request: colori finitura Ga - finishing colours Ga

* fascio - beam Δ 30





NET MCL ORIENTABILE FOOD PLUS

- Anello di finitura esterno in pressofusione di alluminio.
- Parabola in alluminio purissimo sfaccettata anti-iridescente.
- Fissaggio a controsoffitto con staffe regolabili in lamiera zincata.
- Dissipatore lamellare passivo in alluminio estruso.
- Alimentatore elettronico esterno in dotazione.
- Gruppo ottico orientabile sull'asse verticale +/- 30°.
- Led durata utile: 50.000 (h) L90 B20.

- Die-cast aluminium external finishing trim ring.
- Reflector in pure aluminium faceted anti-iridescent.
- False-ceiling fixing with adjustable brackets made of galvanized sheet.
- Passive heatsink made of extruded laminated aluminium.
- External electronic ballast supplied.
- Adjustable optics on the vertical axis +/- 30°.
- Led life: 50.000 (h) L90 B20.



156 mm 1±20 mm

	LED	SISTEMA-SYSTEM						
		W	lm	lm/W				
		W	lm	V	K	W	lm	lm/W
Br 57585-MT-60		43W	3270	220-240V (1200mA)	-	47W	2811	60
Br 57585-FM-60		43W	3075	220-240V (1200mA)	-	47W	2644	56
Br 57585-FH-60		43W	5656	220-240V (1200mA)	4000	47W	4863	103
Br 57585-FV-60		43W	5275	220-240V (1200mA)	3000	47W	4535	96
Br 57585-GD-60		43W	4800	220-240V (1200mA)	2700	47W	4127	88
Br 57585-GDP-60		43W	3370	220-240V (1200mA)	2400	47W	2897	62

OP. A richiesta - On request: colori finitura Ga - finishing colours Ga

* fascio - beam



IP 20
IP 20



inside

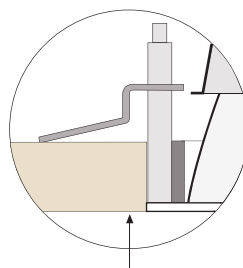






NET FLAT MCL FOOD PLUS SENZA CORNICE - TRIMLESS

- Versione per installazione a rasamento per controsoffitti in cartongesso.
 - Parabola in alluminio purissimo sfaccettata anti-iridescente.
 - Fissaggio a controsoffitto con staffe regolabili in lamiera zincata.
 - Dissipatore lamellare passivo in alluminio estruso.
 - Alimentatore elettronico esterno in dotazione.
- Version for installation at the same level of the false-ceiling made of soft-wall.
 - Reflector in pure aluminium faceted anti-iridescent.
 - False-ceiling fixing with adjustable brackets made of galvanized sheet.
 - Passive heatsink made of extruded laminated aluminium.
 - External electronic ballast supplied.

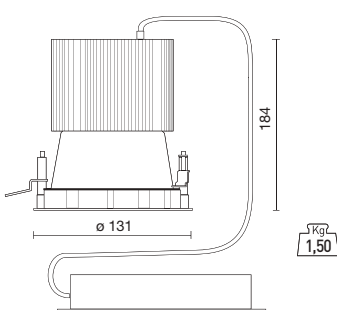


Controsoffitto in cartongesso
False-ceiling made of soft-wall



156 mm Δ 1±30 mm

	LED	SISTEMA-SYSTEM		
		W	lm	lm/W
Br 57580R-MT-60	43W 3270	220-240V (1200mA)	-	47W 2986 64
Br 57580R-FM-60	43W 3075	220-240V (1200mA)	-	47W 2807 60
Br 57580R-FH-60	43W 5656	220-240V (1200mA)	4000	47W 5165 110
Br 57580R-FV-60	43W 5275	220-240V (1200mA)	3000	47W 4817 102
Br 57580R-GD-60	43W 4800	220-240V (1200mA)	2700	47W 4383 93
Br 57580R-GDP-60	43W 3370	220-240V (1200mA)	2400	47W 3077 65



OP. A richiesta - On request: colori finitura Ga - finishing colours Ga

* fascio - beam Δ 30



IP 20
IP 20







TOR 15 MCL ORIENTABILE FOOD

- Corpo in pressofusione di alluminio.
- Verniciatura per interni a polveri epossidiche.
- Vetro temperato trasparente extrachiaro.
- Housing and ring of die-cast aluminium.
- Epoxy powder coated for internal.
- Extra transparent glass tempered.



156 mm 5÷30 mm

				LED		V	K	SISTEMA-SYSTEM		
				W	lm			W	lm	lm/W
	Br	2929C-MT-S	SPOT		24W	2015	220-240V (700mA)	-	1795	66
		2929C-MT-FL	FLOOD						1700	63
		2929C-MT-WF	WIDE FLOOD						1966	73
	Br	2929C-FM-S	SPOT		24W	1895	220-240V (700mA)	-	1688	63
		2929C-FM-FL	FLOOD						1599	59
		2929C-FM-WF	WIDE FLOOD						1805	67
	Br	2929C-FH-S	SPOT		24W	3480	220-240V (700mA)	4000	3099	115
		2929C-FH-FL	FLOOD						2936	109
		2929C-FH-WF	WIDE FLOOD						3395	126
	Br	2929C-FV-S	SPOT		24W	3250	220-240V (700mA)	3000	2895	107
		2929C-FV-FL	FLOOD						2742	102
		2929C-FV-WF	WIDE FLOOD						3170	117
	Br	2929C-GD-S	SPOT		24W	2955	220-240V (700mA)	2700	2632	97
		2929C-GD-FL	FLOOD						2493	92
		2929C-GD-WF	WIDE FLOOD						2883	107
	Br	2929C-GDP-S	SPOT		24W	2075	220-240V (700mA)	2400	1848	68
		2929C-GDP-FL	FLOOD						1751	65
		2929C-GDP-WF	WIDE FLOOD						2024	75

OP. A richiesta versione dimmerabile - On request dimmable version



IP 20
IP 44



SPOT

FLOOD

WIDE FLOOD

5
LUM

inside





MATRIX MCL FOOD PLUS

- Corpo e cornice in metallo verniciato.
- Ghiera e snodo cardanico in alluminio pressofuso.
- Fissaggio a controsoffitto con staffe regolabili
- Gruppo ottico orientabile +/- 30° su asse orizzontale e verticale
- Parabola in alluminio purissimo ossidato.

- Body and frame in painted metal.
- Trim and cardan junction in die-cast aluminium.
- False-ceiling fixing with adjustable brackets.
- Optic group adjustable +/- 30° on both horizontal-vertical axes.
- Pure oxidized aluminium reflector.



180x180 mm $\Delta = 0 \div 30$ mm



180x339 mm $\Delta = 0 \div 30$ mm

	LED	SISTEMA-SYSTEM								
		W	lm	lm/W						
			43W	3270	220-240V (1200mA)	-	47W	2811	60	
			43W	3075	220-240V (1200mA)	-	47W	2644	56	
			43W	5656	220-240V (1200mA)	4000	47W	4863	103	
			43W	5275	220-240V (1200mA)	3000	47W	4535	96	
			43W	4800	220-240V (1200mA)	2700	47W	4127	88	
			43W	3370	220-240V (1200mA)	2400	47W	2897	62	
				2x43W	2x3270	220-240V (1200mA)	-	94W	5622	60
			2x43W	2x3075	220-240V (1200mA)	-	94W	5287	56	
			2x43W	2x5656	220-240V (1200mA)	4000	94W	9725	103	
			2x43W	2x5275	220-240V (1200mA)	3000	94W	9070	96	
			2x43W	2x4800	220-240V (1200mA)	2700	94W	8253	88	
			2x43W	2x3370	220-240V (1200mA)	2400	94W	5794	62	

OP. A richiesta - On request: colori finitura Ga - finishing colours Ga

* fascio - beam $\Delta 30$

IP 20
IP 20



inside



BEND SLIM XS FOOD



- Corpo a vano ottico in pressofusione di alluminio verniciato.
- Adattatore elettrico trifase con drivers.
- Vetro di protezione.
- Raffreddamento Led passivo.
- Riflettore in alluminio purissimo, metallizzato in alto vuoto.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.
- Fattore di potenza: 0,97.
- Isolamento SELV.
- Armoniche corrente emesse: secondo EN 61000-3-2.
- Inrush current: 5A 50us
- Temperatura ambiente: -20 +50°C.



- Housing optic tray made of die-cast aluminium powder coated.
- Triphase electric adaptor with driver.
- Protection glass.
- Passive cooling Led.
- High purity aluminium reflector, high vacuum metallized.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.
- Power factor: 0,97.
- SELV safety-isolation.
- Limits for harmonic current emissions as EN 61000-3-2.
- Inrush current: 5A 50us
- Working temperature: -20 +50°C.

	25	40		LED		SISTEMA-SYSTEM							
				W	lm	V	K	W	lm	lm/W			
	Br	67300K-MT-25	67300K-MT-40		24W	2015	220-240V (700mA)	-	27W	1678	62	[25°]	
	Ne	67301K-MT-25	67301K-MT-40										[40°]
	Gr	67302K-MT-25	67302K-MT-40										
Br	67300K-FM-25	67300K-FM-40		24W	1895	220-240V (700mA)	-	27W	1578	58	[25°]		
Ne	67301K-FM-25	67301K-FM-40										[40°]	
Gr	67302K-FM-25	67302K-FM-40											
Br	67300K-FH-25	67300K-FH-40		24W	3480	220-240V (700mA)	4000	27W	2898	107	[25°]		
Ne	67301K-FH-25	67301K-FH-40										[40°]	
Gr	67302K-FH-25	67302K-FH-40											
Br	67300K-FV-25	67300K-FV-40		24W	3250	220-240V (700mA)	3000	27W	2707	100	[25°]		
Ne	67301K-FV-25	67301K-FV-40										[40°]	
Gr	67302K-FV-25	67302K-FV-40											
Br	67300K-GD-25	67300K-GD-40		24W	2955	220-240V (700mA)	2700	27W	2441	91	[25°]		
Ne	67301K-GD-25	67301K-GD-40										[40°]	
Gr	67302K-GD-25	67302K-GD-40											
Br	67300K-GDP-25	67300K-GDP-40		24W	3075	220-240V (700mA)	2400	27W	1728	64	[25°]		
Ne	67301K-GDP-25	67301K-GDP-40										[40°]	
Gr	67302K-GDP-25	67302K-GDP-40											

OP. A richiesta - On request: fascio - beam



ACC. Br 3014-BR
Ne 3014-NE Alette direzionali - Directional flaps



ACCESSORI GIÀ MONTATI - ALREADY ASSEMBLED ACCESSORIES

3079 Griglia alveolare - Alveolar grid



Br 3079-1 Schermo asimmetrico con vetro prismatico
Ne 3079-2 Asymmetrical screen with prismatic glass



*In fase di approvazione - Under approval



inside



- Corpo a vano ottico in pressofusione di alluminio verniciato.
- Adattatore elettrico trifase con drivers.
- Vetro di protezione.
- Raffreddamento Led passivo.
- Riflettore in alluminio purissimo, metallizzato in alto vuoto.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.
- Fattore di potenza: 0,97.
- Isolamento SELV.
- Armoniche corrente emesse: secondo EN 61000-3-2.
- Inrush current: 5A 50us
- Temperatura ambiente: -20 +50°C.



- Housing optic tray made of die-cast aluminium powder coated.
- Triphase electric adaptor with driver.
- Protection glass.
- Passive cooling Led.
- High purity aluminium reflector, high vacuum metallized.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.
- Power factor: 0,97.
- SELV safety-isolation.
- Limits for harmonic current emissions as EN 61000-3-2.
- Inrush current: 5A 50us
- Working temperature: -20 +50°C.

	15	30	60		LED		SISTEMA-SYSTEM						
					W	lm	V	K	W	lm	lm/W		
	Br	67350K-MT-15	67350K-MT-30	67350K-MT-60		37W	3270	220-240V (1200mA)	-	47W	2822	52	(20°)
	Ne	67351K-MT-15	67351K-MT-30	67351K-MT-60							2791	59	(40°)
	Ga	67352K-MT-15	67352K-MT-30	67352K-MT-60							3172	67	(60°)
	Br	67350K-FM-15	67350K-FM-30	67350K-FM-60		43W	3075	220-240V (1200mA)	-	47W	2654	56	(20°)
	Ne	67351K-FM-15	67351K-FM-30	67351K-FM-60							2625	56	(40°)
	Ga	67352K-FM-15	67352K-FM-30	67352K-FM-60							2983	63	(60°)
	Br	67350K-FH-15	67350K-FH-30	67350K-FH-60		43W	5656	220-240V (1200mA)	4000	47W	4881	104	(20°)
	Ne	67351K-FH-15	67351K-FH-30	67351K-FH-60							4737	101	(40°)
	Ga	67352K-FH-15	67352K-FH-30	67352K-FH-60							5383	114	(60°)
	Br	67350K-FV-15	67350K-FV-30	67350K-FV-60		43W	5275	220-240V (1200mA)	3000	47W	4552	97	(20°)
	Ne	67351K-FV-15	67351K-FV-30	67351K-FV-60							4503	96	(40°)
	Ga	67352K-FV-15	67352K-FV-30	67352K-FV-60							5117	109	(60°)
	Br	67350K-GD-15	67350K-GD-30	67350K-GD-60		43W	4800	220-240V (1200mA)	2700	47W	4142	88	(20°)
	Ne	67351K-GD-15	67351K-GD-30	67351K-GD-60							4097	87	(40°)
	Ga	67352K-GD-15	67352K-GD-30	67352K-GD-60							4656	99	(60°)
	Br	67350K-GDP-15	67350K-GDP-30	67350K-GDP-60		43W	3370	220-240V (1200mA)	2400	47W	2908	62	(20°)
	Ne	67351K-GDP-15	67351K-GDP-30	67351K-GDP-60							2877	61	(40°)
	Ga	67352K-GDP-15	67352K-GDP-30	67352K-GDP-60							3269	70	(60°)

ACC.	Br	3031-BR	
	Ne	3031-NE	Alette direzionali - Directional flaps
	Ga	3031-GA	



*In fase di approvazione - Under approval



BEND SLIM XL FOOD



- Corpo a vano ottico in pressofusione di alluminio verniciato.
- Adattatore elettrico trifase con drivers.
- Vetro di protezione.
- Raffreddamento Led passivo.
- Riflettore in alluminio purissimo, metallizzato in alto vuoto.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.
- Fattore di potenza: 0,97.
- Isolamento SELV.
- Armoniche corrente emesse: secondo EN 61000-3-2.
- Inrush current: 5A 50us
- Temperatura ambiente: -20 +50°C.



- Housing optic tray made of die-cast aluminium powder coated.
- Triphase electric adaptor with driver.
- Protection glass.
- Passive cooling Led.
- High purity aluminium reflector, high vacuum metallized.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.
- Power factor: 0,97.
- SELV safety-isolation.
- Limits for harmonic current emissions as EN 61000-3-2.
- Inrush current: 5A 50us
- Working temperature: -20 +50°C.

	25	60		LED				SISTEMA-SYSTEM						
				W	lm	V	K	W	lm	lm/W				
	Br	67305K-MT-25	67305K-MT-60		37W	2905	220-240V (1050mA)	-	41W	2548	62	(25°)		
	Ne	67306K-MT-25	67306K-MT-60									2457	60	(60°)
	Gr	67307K-MT-25	67307K-MT-60											
	Br	67305K-FM-25	67305K-FM-60		37W	2730	220-240V (1050mA)	-	41W	2394	58	(25°)		
	Ne	67306K-FM-25	67306K-FM-60									2309	56	(60°)
	Gr	67307K-FM-25	67307K-FM-60											
	Br	67305K-FH-25	67305K-FH-60		37W	5025	220-240V (1050mA)	4000	41W	4407	107	(25°)		
	Ne	67306K-FH-25	67306K-FH-60									4250	104	(60°)
	Gr	67307K-FH-25	67307K-FH-60											
	Br	67305K-FV-25	67305K-FV-60		37W	4685	220-240V (1050mA)	3000	41W	4109	100	(25°)		
	Ne	67306K-FV-25	67306K-FV-60									3962	96	(60°)
	Gr	67307K-FV-25	67307K-FV-60											
	Br	67305K-GD-25	67305K-GD-60		37W	4265	220-240V (1050mA)	2700	41W	3741	91	(25°)		
	Ne	67306K-GD-25	67306K-GD-60									3606	88	(60°)
	Gr	67307K-GD-25	67307K-GD-60											
	Br	67305K-GDP-25	67305K-GDP-60		37W	2995	220-240V (1050mA)	2400	41W	2627	64	(25°)		
	Ne	67306K-GDP-25	67306K-GDP-60									2533	62	(60°)
	Gr	67307K-GDP-25	67307K-GDP-60											

*In fase di approvazione - Under approval



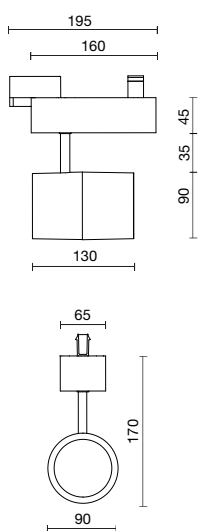


- Box e coperchio in acciaio verniciato.
- Corpo a vano ottico in pressofusione di alluminio verniciato.
- Alimentatore elettronico.
- Adattatore elettrico trifase.
- Vetro di protezione.
- Raffreddamento Led passivo.
- Riflettore in alluminio purissimo, metallizzato in alto vuoto.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.

- Painted steel box and cap.
- Housing optic tray made of die-cast aluminium powder coated.
- Electronic driver.
- Triphase electric adaptor.
- Protection glass.
- Passive heatsink.
- High purity aluminium reflector, high vacuum metallized.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.



	LED	SISTEMA-SYSTEM			
		W	lm	lm/W	
 Br 67300-MT-25 67300-MT-40 Ne 67301-MT-25 67301-MT-40 Gr 67302-MT-25 67302-MT-40	 24W 2015 220-240V (700mA) -	27W	1678 1675	62 62	[25°] [40°]
 Br 67300-FM-25 67300-FM-40 Ne 67301-FM-25 67301-FM-40 Gr 67302-FM-25 67302-FM-40	 24W 1895 220-240V (700mA) -	27W	1578 1575	58 58	[25°] [40°]
 Br 67300-FH-25 67300-FH-40 Ne 67301-FH-25 67301-FH-40 Gr 67302-FH-25 67302-FH-40	 24W 3480 220-240V (700mA) 4000	27W	2898 2892	107 107	[25°] [40°]
 Br 67300-FV-25 67300-FV-40 Ne 67301-FV-25 67301-FV-40 Gr 67302-FV-25 67302-FV-40	 24W 3250 220-240V (700mA) 3000	27W	2707 2701	100 100	[25°] [40°]
 Br 67300-GD-25 67300-GD-40 Ne 67301-GD-25 67301-GD-40 Gr 67302-GD-25 67302-GD-40	 24W 2955 220-240V (700mA) 2700	27W	2461 2456	91 91	[25°] [40°]
 Br 67300-GDP-25 67300-GDP-40 Ne 67301-GDP-25 67301-GDP-40 Gr 67302-GDP-25 67302-GDP-40	 24W 2075 220-240V (700mA) 2400	27W	1728 1724	64 64	[25°] [40°]



ACC.	Br	Ne	Gr	Description	Image
	3014-BR	3014-NE	3014-GA	Alette direzionali - Directional flaps	

ACCESSORI GIÀ MONTATI - ALREADY ASSEMBLED ACCESSORIES

3079	Griglia alveolare - Alveolar grid	
Br 3079-1 Ne 3079-2 Gr 3079-3	Schermo asimmetrico con vetro prismatico	

OP. A richiesta - On request: versione con basetta tonda ø 100mm per plafone- version with round base ø 100mm only ceiling
 * fascio - beam

*In fase di approvazione - Under approval

IP 20



BEND M FOOD



- Box e coperchio in acciaio verniciato.
- Corpo a vano ottico in pressofusione di alluminio verniciato.
- Alimentatore elettronico.
- Adattatore elettrico trifase.
- Vetro di protezione.
- Raffreddamento Led passivo.
- Riflettore in alluminio purissimo, metallizzato in alto vuoto.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.

- Painted steel box and cap.
- Housing optic tray made of die-cast aluminium powder coated.
- Electronic driver.
- Triphase electric adaptor.
- Protection glass.
- Passive cooling Led.
- High purity aluminium reflector, high vacuum metallized.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.



	15	30	60		LED		SISTEMA-SYSTEM					
					W	lm	V	K	W	lm	lm/W	
	Br 67350-MT-15	67350-MT-30	67350-MT-60		31W	2530	220-240V (900mA)	-	35W	2222	63	(15°)
	Ne 67351-MT-15	67351-MT-30	67351-MT-60							2250	64	(30°)
	Gr 67352-MT-15	67352-MT-30	67352-MT-60							2215	63	(60°)
	Br 67350-FM-15	67350-FM-30	67350-FM-60		31W	2380	220-240V (900mA)	-	35W	2090	60	(15°)
	Ne 67351-FM-15	67351-FM-30	67351-FM-60							2116	60	(30°)
	Gr 67352-FM-15	67352-FM-30	67352-FM-60							2084	60	(60°)
	Br 67350-FH-15	67350-FH-30	67350-FH-60		31W	4380	220-240V (900mA)	4000	35W	3847	110	(15°)
	Ne 67351-FH-15	67351-FH-30	67351-FH-60							3895	111	(30°)
	Gr 67352-FH-15	67352-FH-30	67352-FH-60							3836	110	(60°)
	Br 67350-FV-15	67350-FV-30	67350-FV-60		31W	4085	220-240V (900mA)	3000	35W	3588	103	(15°)
	Ne 67351-FV-15	67351-FV-30	67351-FV-60							3633	104	(30°)
	Gr 67352-FV-15	67352-FV-30	67352-FV-60							3577	102	(60°)
	Br 67350-GD-15	67350-GD-30	67350-GD-60		31W	3715	220-240V (900mA)	2700	35W	3263	93	(15°)
	Ne 67351-GD-15	67351-GD-30	67351-GD-60							3303	94	(30°)
	Gr 67352-GD-15	67352-GD-30	67352-GD-60							3253	93	(60°)
	Br 67350-GDP-15	67350-GDP-30	67350-GDP-60		31W	2610	220-240V (900mA)	2400	35W	2292	65	(15°)
	Ne 67351-GDP-15	67351-GDP-30	67351-GDP-60							2321	66	(30°)
	Gr 67352-GDP-15	67352-GDP-30	67352-GDP-60							2286	65	(60°)

ACC.	Br	3031-BR	
	Ne	3031-NE	Alette direzionali - Directional flaps
	Ga	3031-GA	



*In fase di approvazione - Under approval





- Box e coperchio in acciaio verniciato.
 - Corpo a vano ottico in pressofusione di alluminio verniciato.
 - Alimentatore elettronico.
 - Adattatore elettrico trifase.
 - Vetro di protezione.
 - Raffreddamento led passivo.
- Painted steel box and cap.
 - Housing opting tray made of die-cast aluminium powder coated.
 - Electronic ballast.
 - Triphase electric adaptor.
 - Protection glass.
 - Passive cooling LED.



	25	60		LED		SISTEMA-SYSTEM					
				W	lm	V	K	W	lm	lm/W	
	Br 67305-MT-25	67305-MT-60		37W	2905	220-240V (1050mA)	-	41W	2548	62	[25°]
	Ne 67306-MT-25	67306-MT-60							2457	60	[60°]
	Gr 67307-MT-25	67307-MT-60									
	Br 67305-FM-25	67305-FM-60		37W	2730	220-240V (1050mA)	-	41W	2394	58	[25°]
	Ne 67306-FM-25	67306-FM-60							2309	56	[60°]
	Gr 67307-FM-25	67307-FM-60									
	Br 67305-FH-25	67305-FH-60		37W	5025	220-240V (1050mA)	4000	41W	4407	107	[25°]
	Ne 67306-FH-25	67306-FH-60							4250	104	[60°]
	Gr 67307-FH-25	67307-FH-60									
	Br 67305-FV-25	67305-FV-60		37W	4685	220-240V (1050mA)	3000	41W	4109	100	[25°]
	Ne 67306-FV-25	67306-FV-60							3962	96	[60°]
	Gr 67307-FV-25	67307-FV-60									
	Br 67305-GD-25	67305-GD-60		37W	4265	220-240V (1050mA)	2700	41W	3741	91	[25°]
	Ne 67306-GD-25	67306-GD-60							3606	88	[60°]
	Gr 67307-GD-25	67307-GD-60									
	Br 67305-GDP-25	67305-GDP-60		37W	2995	220-240V (1050mA)	2400	41W	2627	64	[25°]
	Ne 67306-GDP-25	67306-GDP-60							2533	62	[60°]
	Gr 67307-GDP-25	67307-GDP-60									



*In fase di approvazione - Under approval



SIRIUS MCL FOOD PLUS

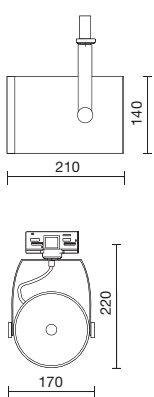


- Corpo in estruso di alluminio.
- Staffa in acciaio verniciato.
- Riflettori in alluminio.
- Vetro di protezione trasparente.
- Verniciatura in polveri epossidiche.

- Body made of extruded aluminium.
- Coated steel support.
- Aluminium reflector.
- Transparent protection glass.
- Epoxy powder coated.



		LED		SISTEMA-SYSTEM						
		W	lm	V	K	W		lm	lm/W	
	Br 67194-MT-20 67194-MT-40 67194-MT-60		43W	3270	220-240V (1200mA)	-	47W	2822	52	(20°)
	Ne 67195-MT-20 67195-MT-40 67195-MT-60							2791	59	(40°)
	Ga 67196-MT-20 67196-MT-40 67196-MT-60							3172	67	(60°)
	Br 67194-FM-20 67194-FM-40 67194-FM-60		43W	3075	220-240V (1200mA)	-	47W	2654	56	(20°)
	Ne 67195-FM-20 67195-FM-40 67195-FM-60							2625	56	(40°)
	Ga 67196-FM-20 67196-FM-40 67196-FM-60							2983	63	(60°)
	Br 67194-FH-20 67194-FH-40 67194-FH-60		43W	5656	220-240V (1200mA)	4000	47W	4881	104	(20°)
	Ne 67195-FH-20 67195-FH-40 67195-FH-60							4737	101	(40°)
	Ga 67196-FH-20 67196-FH-40 67196-FH-60							5383	114	(60°)
	Br 67194-FV-20 67194-FV-40 67194-FV-60		43W	5275	220-240V (1200mA)	3000	47W	4552	97	(20°)
	Ne 67195-FV-20 67195-FV-40 67195-FV-60							4503	96	(40°)
	Ga 67196-FV-20 67196-FV-40 67196-FV-60							5117	109	(60°)
	Br 67194-GD-20 67194-GD-40 67194-GD-60		43W	4800	220-240V (1200mA)	2700	47W	4142	88	(20°)
	Ne 67195-GD-20 67195-GD-40 67195-GD-60							4097	87	(40°)
	Ga 67196-GD-20 67196-GD-40 67196-GD-60							4656	99	(60°)
	Br 67194-GDP-20 67194-GDP-40 67194-GDP-60		43W	3370	220-240V (1200mA)	2400	47W	2908	62	(20°)
	Ne 67195-GDP-20 67195-GDP-40 67195-GDP-60							2877	61	(40°)
	Ga 67196-GDP-20 67196-GDP-40 67196-GDP-60							3269	70	(60°)



2,80 Kg

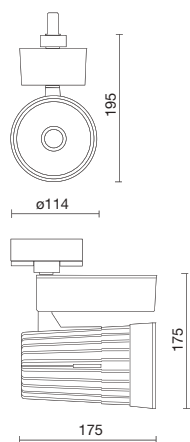


- Vano ottico e contenitore driver in pressofusione di alluminio verniciato in polveri.
- Adattatore elettrico trifase.
- Parabola sfaccettata in alluminio purissimo.
- Raffreddamento Led passivo.
- Vetro di protezione.

- Optic tray and driver made of die-cast aluminium powder coated.
- Electric triphase adaptor.
- Pure aluminium reflector.
- Passive Led cooling.
- Protection glass.

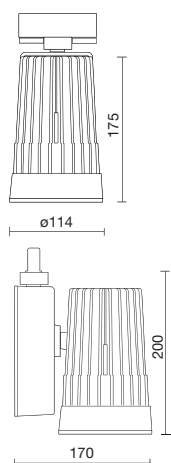


		LED				SISTEMA-SYSTEM		
		W	lm	V	K	W	lm	lm/W
ORIZZONTALE PER BINARIO - HORIZONTAL FOR TRACK Br 67805-MT-60		43W	3270	220-240V (1200mA)	-	47W	2979	63
Br 67805-FM-60		43W	3075	220-240V (1200mA)	-	47W	2801	60
Br 67805-FH-60		43W	5656	220-240V (1200mA)	4000	47W	5153	110
Br 67805-FV-60		43W	5275	220-240V (1200mA)	3000	47W	4805	102
Br 67805-GD-60		43W	4800	220-240V (1200mA)	270	47W	4373	93
Br 67805-GDP-60		43W	3370	220-240V (1200mA)	2400	47W	3070	65



3 Kg
2,15

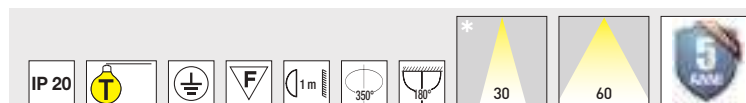
		LED				SISTEMA-SYSTEM		
		W	lm	V	K	W	lm	lm/W
VERTICALE PER BINARIO - VERTICAL FOR TRACK Br 67808-MT-60		43W	3270	220-240V (1200mA)	-	47W	2979	63
Br 67808-FM-60		43W	3075	220-240V (1200mA)	-	47W	2801	60
Br 67808-FH-60		43W	5656	220-240V (1200mA)	4000	47W	5153	110
Br 67808-FV-60		43W	5275	220-240V (1200mA)	3000	47W	4806	102
Br 67808-GD-60		43W	4800	220-240V (1200mA)	2700	47W	4373	93
Br 67808-GDP-60		43W	3370	220-240V (1200mA)	2400	47W	3070	65



5 Kg
2,15

OP. A richiesta - On request: colori finitura Ne - Gr / finishing colours Ne - Gr

* fascio - beam





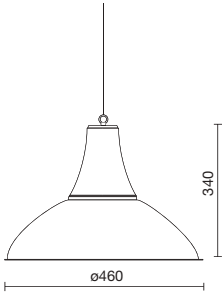








UFO 2 MCL FOOD

- Corpo in lamiera di alluminio verniciata in polveri epossipoliestere.
- Riflettore in alluminio purissimo, metallizzato in alto vuoto.
- Vetro di protezione.
- Cavo di alimentazione lg. 2 m.

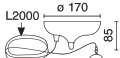
- Sheet aluminium body in epoxy polyester powder coated.
- Pure aluminium reflector metallized under high vacuum.
- Protection glass.
- Power cable lg. 2 m.



	90	LED				SISTEMA-SYSTEM		
		W	lm	V	K	W	lm	lm/W
		Ga 5583-MT Br 5585-MT		43W 3270	220-240V (1200mA)	-	47W 2835	60
		Ga 5583-FM Br 5585-FM		43W 3075	220-240V (1200mA)	-	47W 2666	57
		Ga 5583-FH Br 5585-FH		43W 5656	220-240V (1200mA)	4000	47W 4903	104
	4,00	Ga 5583-FV Br 5585-FV		43W 5275	220-240V (1200mA)	3000	47W 4573	97
		Ga 5583-GD Br 5585-GD		43W 4800	220-240V (1200mA)	2700	47W 4161	89
		Ga 5583-GDP Br 5585-GDP		43W 3370	220-240V (1200mA)	2400	47W 2922	62

OP. A richiesta trattamento di ramatura - Copper finish is a customised version with extra cost to be realised on request

	ACC.	Br	Ga	
		170	171	Rosone con fune acciaio 2 m. - Base plate with 2 m. steel cable



IP 20



inside

MINI TOWER MCL FOOD



- Corpo in estruso di alluminio verniciato con polveri in poliestere.
- Riflettore in alluminio verniciato e metallizzato internamente.
- Gruppo di alimentazione integrato.
- Cavo di alimentazione lg 2 m.

- Body made of extruded aluminium powder coated.
- Aluminium reflector with its interior painted and metallized.
- Built-in control gear.
- Power cable lg 2 m.

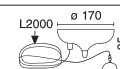


			LED				SISTEMA-SYSTEM			
			W	lm	V	K	W	lm	lm/W	
		Br 5445-MT		37W	2905	220-240V (1050mA)	-	41W	2591	63
		Br 5445-FM		37W	2730	220-240V (1050mA)	-	41W	2435	59
		Br 5445-FH		37W	5025	220-240V (1050mA)	4000	41W	4482	109
		Br 5445-FV		37W	4685	220-240V (1050mA)	3000	41W	4179	102
		Br 5445-GD		37W	4265	220-240V (1050mA)	2700	41W	3804	93
		Br 5445-GDP		37W	2995	220-240V (1050mA)	2400	41W	2672	65

OP. A richiesta con adattatore per binario SITRACK - On request with SITRACK adaptor



ACC. Bi 173 Rosone con fune acciaio 2 m. - Base plate with 2 m. steel cable

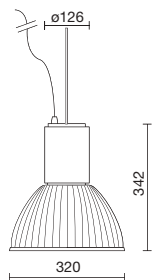




MINI TOVER MCL FOOD

- Corpo in estruso di alluminio verniciato con polveri in poliestere.
- Diffusore in policarbonato.
- Gruppo di alimentazione integrato.
- Cavo di alimentazione lg 2 m.

- Body made of extruded aluminium powder coated.
- Polycarbonate diffuser.
- Built-in control gear.
- Power cable lg 2 m.



3Kg
2,70

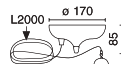
	LED	SISTEMA-SYSTEM		
		W	lm	lm/W
Br 5413-MT	37W 2905	220-240V (1050mA)	-	41W 2630 64
Br 5413-FM	37W 2730	220-240V (1050mA)	-	41W 2471 60
Br 5413-FH	37W 5025	220-240V (1050mA)	4000	41W 4587 112
Br 5413-FV	37W 4685	220-240V (1050mA)	3000	41W 4241 103
Br 5413-GD	37W 4265	220-240V (1050mA)	2700	41W 3861 94
Br 5413-GDP	37W 2995	220-240V (1050mA)	2400	41W 2711 66

OP. A richiesta con adattatore per binario SITRACK - On request with SITRACK adaptor

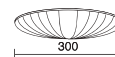
Diffusore in policarbonato opale - Opal polycarbonate diffuser:-PO
 Diffusore in policarbonato con settore metallizzato - Partial metallized polycarbonate diffuser:-PA



ACC. Bi 173 Rosone con fune acciaio 2 m.
 Base plate with 2 m. steel cable



178 Kit schermo di chiusura in policarbonato completo di molle di bloccaggio
 Kit polycarbonate closing screen complete with lock springs



IP 20



inside







AURORA XS FOOD

- Corpo in alluminio e struttura interna in acciaio verniciati con polveri epossidiche.
- Vano ottico in pressofusione verniciato in polveri.
- Gruppo di alimentazione integrato.
- Cavo di alimentazione L 2 m.
- Parabola sfaccettata in alluminio purissimo.
- Raffreddamento Led passivo.
- Vetro di protezione.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: <3 MCE.

- Main body made of aluminum and steel, powder coated.
- Optic tray made of die-cast aluminum powder coated.
- Built-in control gear.
- Power cable L 2 m.
- Reflector in pure aluminum.
- Passive cooling Led.
- Protection glass.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: <3 MCE.



		LED				SISTEMA-SYSTEM					
		W	lm	V	K	W	lm	lm/ft²			
<p>MAX 2000 mm</p> <p>270</p> <p>ø 316</p> <p>3,10</p>	Br 5401-MT-30 5401-MT-60		37W	2905	220-240V (1050mA)	-	41W	2592	63	[30°]	
	Ne 5402-MT-30 5402-MT-60										[60°]
	Ga 5403-MT-30 5403-MT-60										
Br 5401-FM-30 5401-FM-60		37W	2730	220-240V (1050mA)	-	41W	2436	59	[30°]		
Ne 5402-FM-30 5402-FM-60										[60°]	
Ga 5403-FM-30 5403-FM-60											
Br 5401-FH-30 5401-FH-60		37W	5025	220-240V (1050mA)	4000	41W	4484	109	[30°]		
Ne 5402-FH-30 5402-FH-60										[60°]	
Ga 5403-FH-30 5403-FH-60											
Br 5401-FV-30 5401-FV-60		37W	4685	220-240V (1050mA)	3000	41W	4181	102	[30°]		
Ne 5402-FV-30 5402-FV-60										[60°]	
Ga 5403-FV-30 5403-FV-60											
Br 5401-GD-30 5401-GD-60		37W	4265	220-240V (1050mA)	2700	41W	3806	93	[30°]		
Ne 5402-GD-30 5402-GD-60										[60°]	
Ga 5403-GD-30 5403-GD-60											
Br 5401-GDP-30 5401-GDP-60		37W	2995	220-240V (1050mA)	2400	41W	2673	65	[30°]		
Ne 5402-GDP-30 5402-GDP-60										[60°]	
Ga 5403-GDP-30 5403-GDP-60											

OP. A richiesta con adattatore per binario SITRACK - On request with SITRACK adaptor



IP 20



inside



ARBŪZAI, 1 kg
Tik
0,34 €



AURORA XL FOOD PLUS

- Corpo in alluminio e struttura interna in acciaio verniciati con polveri epossidiche.
- Vano ottico in pressofusione verniciato in polveri.
- Gruppo di alimentazione integrato.
- Cavo di alimentazione L 2 mt.
- Parabola in alluminio purissimo.
- Raffreddamento Led passivo.
- Schermo di protezione LED in policarbonato.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: <3 MCE.

- Main body made of aluminum and steel, powder coated.
- Optic tray made of die-cast aluminum powder coated.
- Built-in control gear.
- Power cable L 2 mt.
- Reflector in pure aluminum.
- Passive cooling Led.
- Protection LED polycarbonate frame .
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: <3 MCE.



		LED				SISTEMA-SYSTEM			
		W	lm	V	K	W	lm	lm/W	
	Br 5407-MT Ne 5408-MT Ga 5409-MT		43W	3270	220-240V (1200mA)	-	47W	2807	68
	Br 5407-FM Ne 5408-FM Ga 5409-FM		43W	3075	220-240V (1200mA)	-	47W	2693	57
	Br 5407-FH Ne 5408-FH Ga 5409-FH		43W	5656	220-240V (1200mA)	4000	47W	4854	103
	Br 5407-FV Ne 5408-FV Ga 5409-FV		43W	5275	220-240V (1200mA)	3000	47W	4527	96
	Br 5407-GD Ne 5408-GD Ga 5409-GD		43W	4800	220-240V (1200mA)	2700	47W	4120	88
	Br 5407-GDP Ne 5408-GDP Ga 5409-GDP		43W	3370	220-240V (1200mA)	2400	47W	2892	62

OP. A richiesta con adattatore per binario SITRACK - On request with SITRACK adaptor








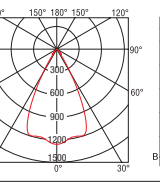







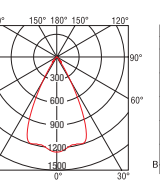



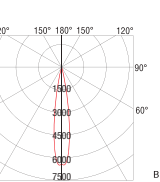




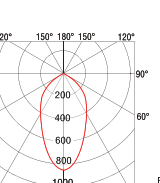



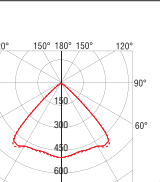



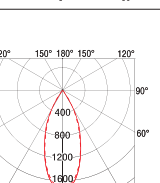




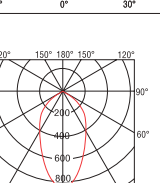



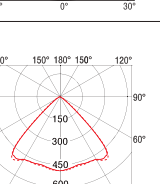


IP 20



DATI FOTOMETRICI/GUIDA ALLA SCELTA - PHOTOMETRIC DATA/CHOICE GUIDE

	(W)	(lm)	AMPIEZZA FASCIO - BEAM WIDE	DATI FOTOMETRICI TIPICI - TYPICAL PHOTOMETRIC DATA																		
LINEA	36,2W	5850-6140		<table border="1"> <thead> <tr> <th>(m)</th> <th>∅ (m)</th> <th>(lx)</th> </tr> </thead> <tbody> <tr> <td>1.0</td> <td>1.46</td> <td>max 4147 med 1983</td> </tr> <tr> <td>2.0</td> <td>2.92</td> <td>1037 496</td> </tr> <tr> <td>3.0</td> <td>4.38</td> <td>461 220</td> </tr> <tr> <td>4.0</td> <td>5.84</td> <td>259 124</td> </tr> <tr> <td>5.0</td> <td>7.30</td> <td>166 79</td> </tr> </tbody> </table>	(m)	∅ (m)	(lx)	1.0	1.46	max 4147 med 1983	2.0	2.92	1037 496	3.0	4.38	461 220	4.0	5.84	259 124	5.0	7.30	166 79
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NET 15 BLOCK FOOD	37W	2730-5025		<table border="1"> <thead> <tr> <th>(m)</th> <th>∅ (m)</th> <th>(lx)</th> </tr> </thead> <tbody> <tr> <td>1.0</td> <td>0.77</td> <td>max 4419 med 2510</td> </tr> <tr> <td>2.0</td> <td>1.54</td> <td>1105 627</td> </tr> <tr> <td>3.0</td> <td>2.30</td> <td>491 279</td> </tr> <tr> <td>4.0</td> <td>3.07</td> <td>276 157</td> </tr> <tr> <td>5.0</td> <td>3.84</td> <td>177 100</td> </tr> </tbody> </table>	(m)	∅ (m)	(lx)	1.0	0.77	max 4419 med 2510	2.0	1.54	1105 627	3.0	2.30	491 279	4.0	3.07	276 157	5.0	3.84	177 100
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NET 18 BLOCK FOOD PLUS	43W	3075-5656		<table border="1"> <thead> <tr> <th>(m)</th> <th>∅ (m)</th> <th>(lx)</th> </tr> </thead> <tbody> <tr> <td>1.0</td> <td>2.03</td> <td>max 1523 med 669</td> </tr> <tr> <td>2.0</td> <td>4.07</td> <td>381 167</td> </tr> <tr> <td>3.0</td> <td>6.10</td> <td>169 74</td> </tr> <tr> <td>4.0</td> <td>8.14</td> <td>95 42</td> </tr> <tr> <td>5.0</td> <td>10.17</td> <td>61 27</td> </tr> </tbody> </table>	(m)	∅ (m)	(lx)	1.0	2.03	max 1523 med 669	2.0	4.07	381 167	3.0	6.10	169 74	4.0	8.14	95 42	5.0	10.17	61 27
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NET 15/18 MCL FOOD PLUS	43W	3075-5656		<table border="1"> <thead> <tr> <th>(m)</th> <th>∅ (m)</th> <th>(lx)</th> </tr> </thead> <tbody> <tr> <td>1.0</td> <td>1.46</td> <td>max 1342 med 499</td> </tr> <tr> <td>2.0</td> <td>2.92</td> <td>335 125</td> </tr> <tr> <td>3.0</td> <td>4.38</td> <td>149 55</td> </tr> <tr> <td>4.0</td> <td>5.84</td> <td>84 31</td> </tr> <tr> <td>5.0</td> <td>7.30</td> <td>54 20</td> </tr> </tbody> </table>	(m)	∅ (m)	(lx)	1.0	1.46	max 1342 med 499	2.0	2.92	335 125	3.0	4.38	149 55	4.0	5.84	84 31	5.0	7.30	54 20
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NET FLAT MCL FOOD PLUS	43W	3075-5656		<table border="1"> <thead> <tr> <th>(m)</th> <th>∅ (m)</th> <th>(lx)</th> </tr> </thead> <tbody> <tr> <td>1.0</td> <td>1.46</td> <td>max 2030 med 1058</td> </tr> <tr> <td>2.0</td> <td>2.92</td> <td>508 264</td> </tr> <tr> <td>3.0</td> <td>4.21</td> <td>226 118</td> </tr> <tr> <td>4.0</td> <td>5.61</td> <td>127 66</td> </tr> <tr> <td>5.0</td> <td>7.02</td> <td>81 42</td> </tr> </tbody> </table>	(m)	∅ (m)	(lx)	1.0	1.46	max 2030 med 1058	2.0	2.92	508 264	3.0	4.21	226 118	4.0	5.61	127 66	5.0	7.02	81 42
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MATRIX MCL FOOD PLUS	43W	3075-5656		<table border="1"> <thead> <tr> <th>(m)</th> <th>∅ (m)</th> <th>(lx)</th> </tr> </thead> <tbody> <tr> <td>1.0</td> <td>1.46</td> <td>max 2360 med 1264</td> </tr> <tr> <td>2.0</td> <td>2.92</td> <td>590 316</td> </tr> <tr> <td>3.0</td> <td>4.38</td> <td>262 140</td> </tr> <tr> <td>4.0</td> <td>5.84</td> <td>147 79</td> </tr> <tr> <td>5.0</td> <td>7.30</td> <td>94 51</td> </tr> </tbody> </table>	(m)	∅ (m)	(lx)	1.0	1.46	max 2360 med 1264	2.0	2.92	590 316	3.0	4.38	262 140	4.0	5.84	147 79	5.0	7.30	94 51
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TOR 15 MCL ORIENTABILE FOOD	24W	1895-3480		<table border="1"> <thead> <tr> <th>(m)</th> <th>∅ (m)</th> <th>(lx)</th> </tr> </thead> <tbody> <tr> <td>1.0</td> <td>0.19</td> <td>max 42522 med 27574</td> </tr> <tr> <td>2.0</td> <td>0.37</td> <td>10631 6894</td> </tr> <tr> <td>3.0</td> <td>0.56</td> <td>4725 3064</td> </tr> <tr> <td>4.0</td> <td>0.74</td> <td>2658 1723</td> </tr> <tr> <td>5.0</td> <td>0.93</td> <td>1701 1103</td> </tr> </tbody> </table>	(m)	∅ (m)	(lx)	1.0	0.19	max 42522 med 27574	2.0	0.37	10631 6894	3.0	0.56	4725 3064	4.0	0.74	2658 1723	5.0	0.93	1701 1103
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- Profilo portante elettrificato in lamiera di acciaio verniciato bianco in polveri epossidiche.
- Testata in materiale termoplastico.
- Vano ottico Led con lenti in PMMA.
- Dissipatore passivo.
- Temperatura esercizio: -20 +35°.
- Cablaggio 7 conduttori con sezione 2,5 mm (portata max 16 A).
- Led durata utile: 50.000 (h) L80 B10.
- Costanza cromatica: 3 SDCM.
- Apparecchio conforme alle norme EN 60598-1.
- A richiesta versioni **ball**

- Electrified main structure in steel sheet, white painted in epoxy powders.
- End caps in thermoplastic material.
- Optic with lens in PMMA.
- Passive heatsink.
- Working temperature: -20 +35°.
- 7-wire wiring with section mm 2.5 (max load 16 A).
- Led life: 50.000 (h) L80 B10.
- Chromatic constancy: 3 SDCM.
- Compliance with EN 60598-1.
- On request versions **ball**

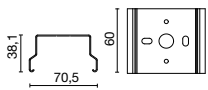


UGR <19 $UGR = 8 \log_{10} \left[\frac{0,25}{L_b} \sum \frac{L^2 \omega}{p^2} \right]$

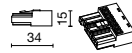
A PROFILO PORTANTE - MAIN STRUCTURE		▬▬▬	L (mm)
	1,90 Kg	4442	1415
	3,80 Kg	4444	2820

B VANO OTTICO - OPTIC TRAY	▬▬▬	LED					SISTEMA-SYSTEM				
		W	lm	V	K	CRI	W	lm	lm/W		
<p>Solo per profilo portante codice 4442 Only for load-bearing profile code 4442</p>	1,80 Kg	FASCIO STANDARD STANDARD BEAM		36,2W	5850 6140	200-240V (500mA)	3000 4000	>80	40,2W	5745 6030	143 150
		Br 4433-LBC 4433-LBN									
		FASCIO DIFFUSO DIFFUSED BEAM		36,2W	5850 6140	200-240V (500mA)	3000 4000	>80	40,2W	5730 6020	143 150
		Br 4434-LBC 4434-LBN									
FASCIO DOPPIO ASIMMETRICO DOUBLE ASYMMETRIC BEAM		36,2W	5850 6140	200-240V (500mA)	3000 4000	>80	40,2W	5690 5970	143 148		
Br 4435-LBC 4435-LBN											
FASCIO ASIMMETRICO ASYMMETRIC BEAM		36,2W	5850 6140	200-240V (500mA)	3000 4000	>80	40,2W	5755 6040	143 150		
Br 4430-LBC 4430-LBN											
	3,60 Kg	FASCIO STANDARD STANDARD BEAM		72,5W	11700 12275	200-240V (500mA)	3000 4000	>80	76,5W	11490 12055	150 157
		Br 4439-LBC 4439-LBN									
		FASCIO DIFFUSO DIFFUSED BEAM		72,5W	11700 12275	200-240V (500mA)	3000 4000	>80	76,5W	11470 12030	150 157
		Br 4440-LBC 4440-LBN									
FASCIO DOPPIO ASIMMETRICO DOUBLE ASYMMETRIC BEAM		72,5W	11700 12275	200-240V (500mA)	3000 4000	>80	76,5W	11380 11940	149 156		
Br 4441-LBC 4441-LBN											
FASCIO ASIMMETRICO ASYMMETRIC BEAM		72,5W	11700 12275	200-240V (500mA)	3000 4000	>80	76,5W	11510 12077	150 158		
Br 4432-LBC 4432-LBN											

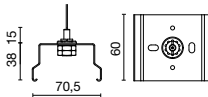
C ACCESSORI-ACCESSORIES



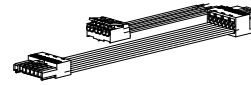
6017 kit gancio sospensione standard colore bianco
standard suspension hook kit white colour



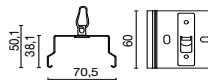
6022 connettore femmina 7 poli female connector 7 poles



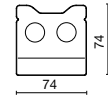
6018 kit gancio sospensione a filo colore bianco con fune acciaio L. 3,1 m
suspension hook kit white colour with steel cable kit L. 3.1 m



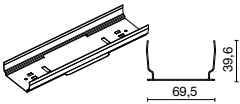
6023 kit alimentazione intermedia intermediate power supply kit



6019 kit gancio per sospensione colore bianco a catena
hook kit for chain suspension white colour



6028 testata di chiusura end cap



6020 kit elemento di giunzione, n.6 pezzi
junction element kit, n.6 pieces

A richiesta - On request: Coperchio cieco - Blind cover

6029 kit d'emergenza - emergency kit 1h flussi luminosi - luminous fluxes: LBC 819lm LBN 860lm
6029-3 kit d'emergenza - emergency kit 3h flussi luminosi - luminous fluxes: LBC 351lm LBN 368lm

KIT EMERGENZA A BORDO DELL' APPARECCHIO - EMERGENCY KIT ON BOARD OF THE FITTING

OP. A richiesta - On request: versioni - versions Utilizzare driver - Use drivers 646336 40W 646337 80W

versioni potenziate - more powerful versions 53W - 8400lm - 4000K (L. 1415 mm)
105W - 16800lm - 4000K (L. 2820 mm)

ESEMPIO ORDINE - ORDER EXAMPLE

A profilo portante elettrificato electrified main structure
COD 4442

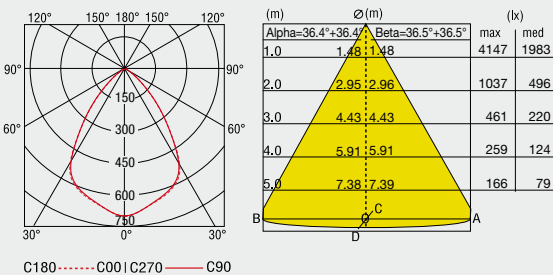
B vano ottico Led Led module
COD 4433-LBC

C kit gancio sospensione fix system kit
COD 6017

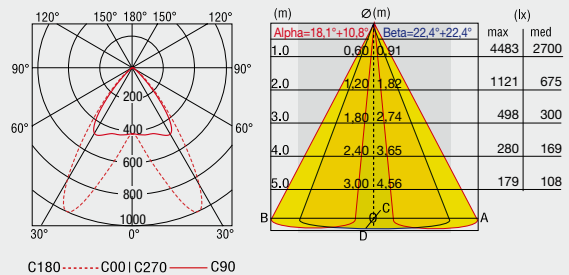
D testate di chiusura end caps
COD 6028



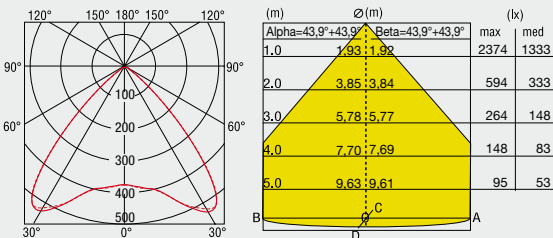
FASCIO STANDARD - STANDARD BEAM



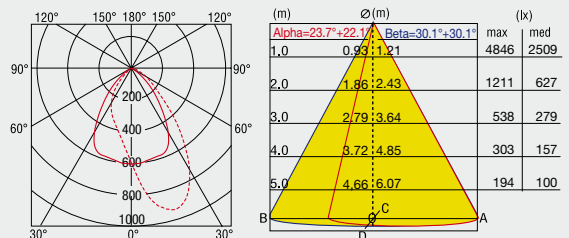
FASCIO DOPPIO ASIMMETRICO - DOUBLE ASYMMETRIC BEAM



FASCIO DIFFUSO - DIFFUSED OPTIC



FASCIO ASIMMETRICO - ASYMMETRIC BEAM







INCASSI PER CONTROSOFFITTI O PER FALSE PARETI • RECESSED FOR FALSE WALL-CEILING



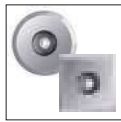
393
EYES BASIC
CORRIMANO



395
SPARK
STAR



396
EYES PRO



397
EYES PRO M



399
EYES BASIC A



401
EYES BASIC B/
PLUS



405
EYES A-1



407
EYES B-1/COB



409
EYES B-3



411
EYES WALL
FLAT/COB



413
EYES A-9



415
EYES C



417
EYES
ORIENTABILE



418
CIELO 3 LED



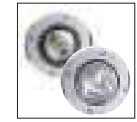
419
CIELO COB



420
OLODUM
MICRO C/COB



422
OLODUM
MINI C/COB



425
OLODUM
MIDI C COB



427
OLODUM
STANDARD
C COB



429
OLODUM
STANDARD
PROOF C COB



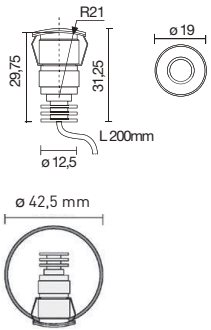


EYES BASIC CORRIMANO

- Incasso in acciaio Inox (AISI 316L).
- Aggancio a molla.
- Recessed fitting Inox steel (AISI 316L).
- Spring locking.



		LED		SISTEMA-SYSTEM					
		W	lm	V	K	CRI	W	lm	lm/W
CORRIMANO - HANDRAILS									
Inox	E901-M-LBC	2W	145	500mA	3000	>80	1,2W	100	50
	E901-M-LBN		155		4000		1,2W	105	52
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED									
645086	ON-OFF	20W	IP40	500mA					
644758-5	ON-OFF	6W	IP20	500mA					
645626-1	ON-OFF	20W	IP40	500mA					
OP. Disponibile alimentatore in emergenza - Safety driver available									
E....-LBL = LED blu-blue									



0,20 Kg



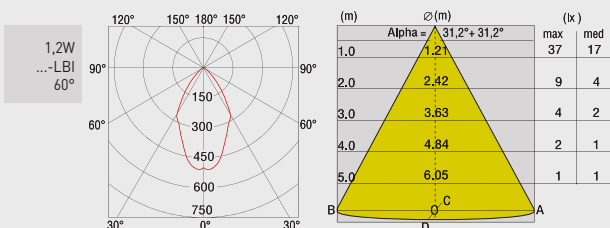
60



IP 65



C180-----C00 | C270 — C90

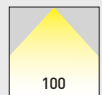
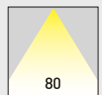




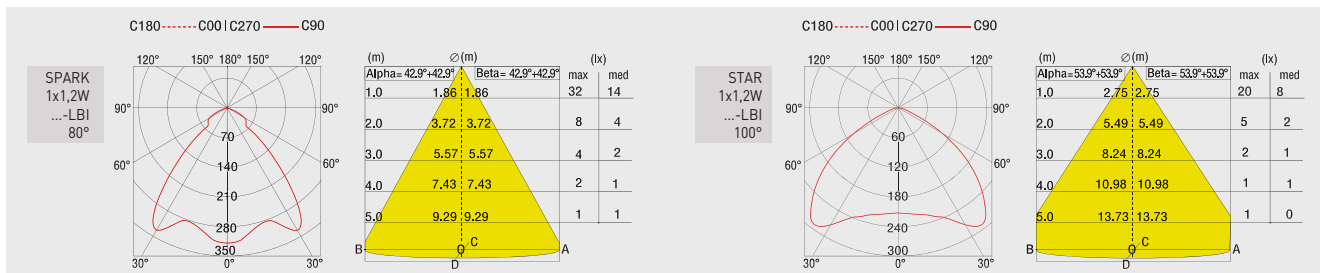
OP. E....-LBL = LED blu-blue

*In fase di approvazione - Under approval

IP 68
IP 68



outside





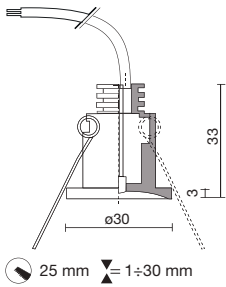
SPARK - STAR

- Corpo in ottone verniciato in polveri epossidiche.
- Lente di protezione Led in metacrilato.
- Molle in acciaio.

- Brass body painted in epoxy powders.
- Protection Led acrylic lens.
- Steel springs.

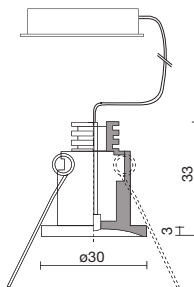


SPARK				(W)	(lm)	(V)	(K)	(CRI)
Bz E1210-LBC Ne E1211-LBC Cm E1212-CM-LBC Cr E1212-LBC				1x1,2W	120	350mA	3000	>80
Bz E1210-LBN Ne E1211-LBN Cm E1212-CM-LBN Cr E1212-LBN				1x1,2W	125	350mA	4000	>80
Bz E1210-LBI Ne E1211-LBI Cm E1212-CM-LBI Cr E1212-LBI				1x1,2W	130	350mA	6000	>80
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED								
644758	ON-OFF	8W	IP20	350mA				
644759-1	ON-OFF	15W	IP20	350mA				
646427	ON-OFF	12,6W	IP20	350mA				
646258-67	ON-OFF	13W	IP67	350mA				



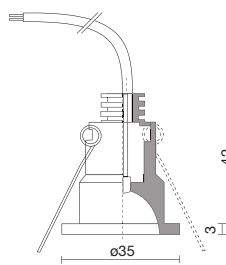
25 mm $\Delta = 1 \pm 30$ mm

KIT	APPARECCHIO + ALIMENTATORE - FITTING + DRIVER							
				(W)	(lm)	(V)	(K)	(CRI)
Bz KTE1210-LBC Ne KTE1211-LBC Cm KTE1212CM-LBC Cr KTE1212-LBC				2,2W	120	220-240V (350mA)	3000	>80
Bz KTE1210-LBN Ne KTE1211-LBN Cm KTE1212CM-LBN Cr KTE1212-LBN				1x1,2W	125	220-240V (350mA)	4000	>80
Bz KTE1210-LBI Ne KTE1211-LBI Cm KTE1212CM-LBI Cr KTE1212-LBI				1x1,2W	130	220-240V (350mA)	6000	>80



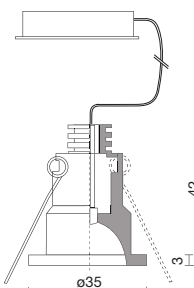
25 mm $\Delta = 1 \pm 30$ mm

STAR				(W)	(lm)	(V)	(K)	(CRI)
Bz E1215-LBC Ne E1216-LBC Cm E1217-CM-LBC Cr E1217-LBC				1x1,2W	120	350mA	3000	>80
Bz E1215-LBN Ne E1216-LBN Cm E1217-CM-LBN Cr E1217-LBN				1x1,2W	125	350mA	4000	>80
Bz E1215-LBI Ne E1216-LBI Cm E1217-CM-LBI Cr E1217-LBI				1x1,2W	130	350mA	6000	>80
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED								
644758	ON-OFF	8W	IP20	350mA				
644759-1	ON-OFF	15W	IP20	350mA				
646427	ON-OFF	12,6W	IP20	350mA				
646258-67	ON-OFF	13W	IP67	350mA				



30 mm $\Delta = 1 \pm 30$ mm

KIT	APPARECCHIO + ALIMENTATORE - FITTING + DRIVER							
				(W)	(lm)	(V)	(K)	(CRI)
Bz KTE1215-LBC Ne KTE1216-LBC Cm KTE1217CM-LBC Cr KTE1217-LBC				1x1,2W	80	220-240V (350mA)	3000	>80
Bz KTE1215-LBN Ne KTE1216-LBN Cm KTE1217CM-LBN Cr KTE1217-LBN				1x1,2W	105	220-240V (350mA)	4000	>80
Bz KTE1215-LBI Ne KTE1216-LBI Cm KTE1217CM-LBI Cr KTE1217-LBI				1x1,2W	120	220-240V (350mA)	6000	>80



30 mm $\Delta = 1 \pm 30$ mm



EYES PRO



- Incasso in alluminio con Led ad alta emissione, lente e vetro di protezione.
- Anello di finitura in acciaio Inox [AISI 316] lucido e viti di fissaggio.
- Recessed aluminium fitting provided with high emission diode, lens and protection glass.
- Ring bright finishing made of Inox steel (AISI 316) and fixing screws.



26 mm

	 0,10	E893-LBC	E898-LBC	1x1,2W	80-125	350mA	3000	>80
		Inox E893-LBI	E898-LBI	1x2,5W	100-195	700mA	6000	
		E893-LBL	E898-LBL	-	-	470nm	-	
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED								
644758	ON-OFF	6W	IP20	350mA				
644759-1	ON-OFF	15W	IP20	350mA				
644940	ON-OFF	12W	IP40	700mA				
644936	ON-OFF	25W	IP40	700mA				
646258-67	ON-OFF	13W	IP20	350mA				
644940-67	ON-OFF	12W	IP40	700mA				
644936-67	ON-OFF	27W	IP40	700mA				

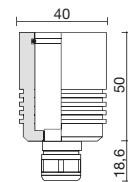
	 0,30	KIT APPARECCHIO + ALIMENTATORE - FITTING + DRIVER						
		KTE893-LBC	KTE898-LBC	3,5W	100-195	220-240V (700mA)	3000	>80
		Inox KTE893-LBI	KTE898-LBI	-	-	470nm	6000	
KTE893-LBL	KTE898-LBL	-	-	-	470nm			

■ Il parametro più basso si riferisce sempre alla potenza inferiore - The lowest value is always referred to the lowest watt

OP. Disponibile alimentatore in emergenza - Safety driver available

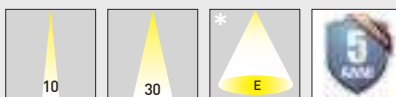
*A richiesta: fascio elicoidale - On request: Elissoidal beam 15°x90°

ACC. 189 Cassaforma in alluminio ossidato opaco completo di pressacavo in ottone nichelato tipo PG11
Housing main body made of satin aluminium complete with nickel coated brass cable gland PG11

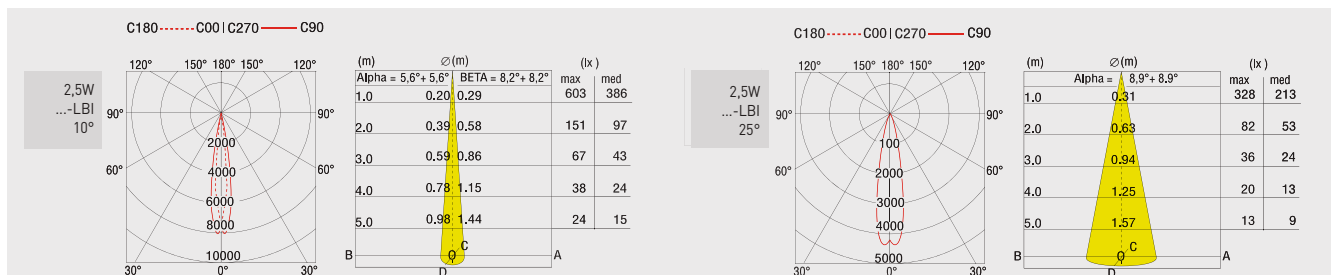


42 mm

▲ Solo apparecchio - Only fitting



outside





EYES PRO M

- Dissipatore, corpo e ghiera in alluminio anodizzato.
- Anello di finitura in ottone cromato.
- Lente con vetro in protezione.
- Per controsoffitti.

- Dissipator, housing and ring in anodized aluminium.
- Chromed brass finishing ring.
- Lens with protection glass.
- Forse false-ceiling.



41 mm $\Delta = 0 \div 25$ mm

 60 31 ø46		E893-M-LBC	E898-M-LBC	1x1,2W	80-125 ■	350mA	3000	>80
	Inox	E893-M-LBI	E898-M-LBI	1x2,5W	100-195 ■	700mA	6000	>80
		E893-M-LBL	E898-M-LBL	-	-	-	470nm	>80
 60 31 ø46		E893-M-Q-LBC	E898-M-Q-LBC	1x1,2W	80-125 ■	350mA	3000	>80
	Inox	E893-M-Q-LBI	E898-M-Q-LBI	1x2,5W	100-195 ■	700mA	6000	>80
		E893-M-Q-LBL	E898-M-Q-LBL	-	-	-	470nm	>80

ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED			
644758	ON-OFF	6W	IP20 350mA
644759-1	ON-OFF	15W	IP20 350mA
644940	ON-OFF	12W	IP40 700mA
644936	ON-OFF	25W	IP40 700mA
646258-67	ON-OFF	13W	IP20 350mA
644940-67	ON-OFF	12W	IP40 700mA
644936-67	ON-OFF	27W	IP40 700mA



		K I T APPARECCHIO + ALIMENTATORE - FITTING + DRIVER						
 IP67 60 31 ø46		KTE893-M-LBC	KTE898-M-LBC	3,5W	100-195 ■	220-240V	3000	>80
	Inox	KTE893-M-LBI	KTE898-M-LBI	-	-	[700mA]	6000	>80
		KTE893-M-LBL	KTE898-M-LBL	-	-	-	470nm	>80
 60 31 ø46		KTE893M-Q-LBC	KTE898M-Q-LBC	3,5W	100-195 ■	220-240V	3000	>80
	Inox	KTE893M-Q-LBI	KTE898M-Q-LBI	-	-	[700mA]	6000	>80
		KTE893M-Q-LBL	KTE898M-Q-LBL	-	-	-	470nm	>80

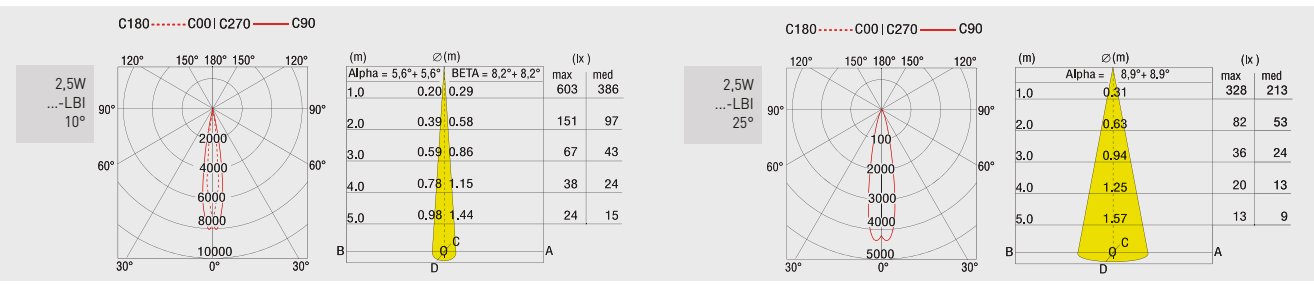
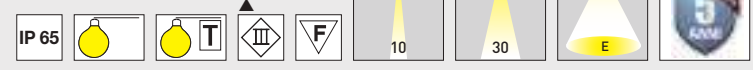
■ Il parametro più basso si riferisce sempre alla potenza inferiore - The lowest value is always referred to the lowest watt



OP. Disponibile alimentatore in emergenza - Safety driver available

*A richiesta: fascio elicoidale - On request: Ellipsoidal beam 15°x90°

▲ Solo apparecchio - Only fitting



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color



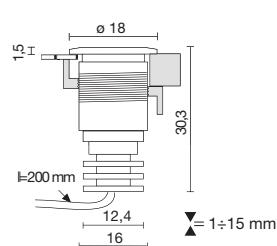


EYES BASIC A

- Incasso con anello di finitura in ottone cromato.
- Fissaggio tramite ghiera per controsoffitti accessibili o molla per controsoffitti non accessibili.
- Recessed fitting with ring made of chromed brass.
- Fixing by lock nut for accessible false-ceilings or lock spring for inaccessible false-ceilings.

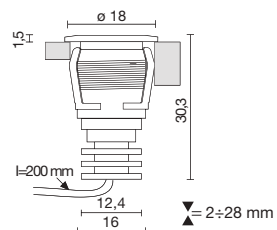


16 mm



CON GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - WITH LOCK NUT FOR ACCESSIBLE FALSE-CEILINGS

Cr	E900-G-LBC	80	3000		
	E900-G-LBN	1x1,2W	90	350mA	4000
	E900-G-LBI		100		6000



CON MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - WITH LOCK SPRING FOR UNACCESSIBLE FALSE-CEILING

Cr	E900-M-LBC	80	3000		
	E900-M-LBN	1x1,2W	90	350mA	4000
	E900-M-LBI		100		6000



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644758	ON-OFF	6W	IP20	350mA
644759-1	ON-OFF	15W	IP20	350mA
646258-67	ON-OFF	13W	IP67	350mA

OP.

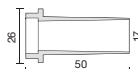
Disponibile alimentatore in emergenza - Safety driver available

E....-LBL = LED blu-blue



ACC.

186-5 Pozzetto per pareti solide per Eyes Basic A - A-1
Concrete walls pit for Eyes Basic A - A-1

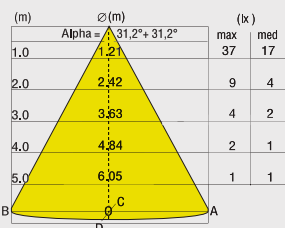
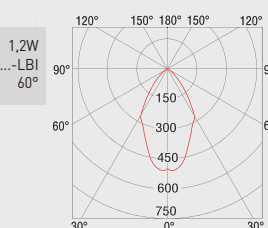


IP 65



outside

C180-----C00|C270-----C90





- Incasso con anello di finitura in ottone cromato.
- Fissaggio tramite ghiera per controsoffitti accessibili o molla per controsoffitti non accessibili.
- Recessed fitting with ring made of chromed brass.
- Fixing by lock nut for accessible false-ceilings or lock spring for inaccessible false-ceilings.



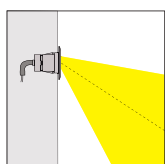
	(W)	(lm)	(V)	(K)	(CRI)
K I T APPARECCHIO + ALIMENTATORE - FITTING + DRIVER					
CON GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - WITH LOCK NUT FOR ACCESSIBLE FALSE-CEILINGS					
Cr	KTE895-G-LBC	1x1,2W	80-125	350mA	3000
	KTE895-G-LBI	1x2,5W	100-195	700mA	6000
	KTE895-G-LBL		-		470nm
Cr	KTE896-G-LBC	1x1,2W	80-125	350mA	3000
	KTE896-G-LBI	1x2,5W	100-195	700mA	6000
	KTE896-G-LBL		-		470nm

	(W)	(lm)	(V)	(K)	(CRI)
K I T APPARECCHIO + ALIMENTATORE - FITTING + DRIVER					
CON MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - WITH LOCK SPRING FOR UNACCESSIBLE FALSE-CEILINGS					
Cr	KTE895-M-LBC	1x1,2W	80-125	350mA	3000
	KTE895-M-LBI	1x2,5W	100-195	700mA	6000
	KTE895-M-LBL		-		470nm
Cr	KTE896-M-LBC	1x1,2W	80-125	350mA	3000
	KTE896-M-LBI	1x2,5W	100-195	700mA	6000
	KTE896-M-LBL		-		470nm

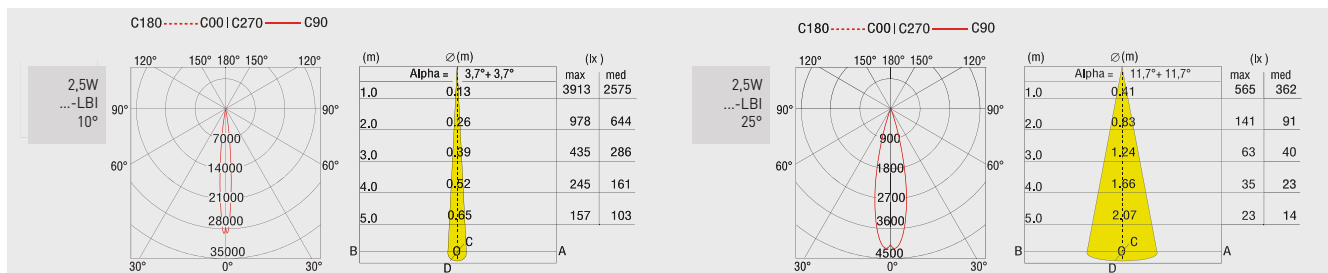
	(W)	(lm)	(V)	(K)	(CRI)
K I T APPARECCHIO + ALIMENTATORE - FITTING + DRIVER					
ASIMMETRICO - CON MOLLA DI BLOCCAGGIO PER PARETI - ASYMMETRIC WITH LOCK SPRING FOR WALLS					
Cr	KTE895M-LBCAS	1x1,2W	80-125	350mA	3000
	KTE895M-LBIAS	1x2,5W	100-195	700mA	6000
	KTE895M-LBLAS		-		470nm

■ Il parametro più basso si riferisce sempre alla potenza inferiore - The lowest value is always referred to the lowest watt

OP. Disponibile kit in emergenza da installare in remoto - Safety driver kit available
A richiesta - On request: disponibile - available



ACC. 186-3 Pozzetto per pareti solide per Eyes Basic B - B-1 - B-3
Concrete walls pit for Eyes Basic B - B-1 - B-3







EYES BASIC B PLUS

- Incasso con anello di finitura in ottone cromato.
- Fissaggio tramite ghiera per controsoffitti accessibili o molla per controsoffitti non accessibili.
- Recessed fitting with ring made of chromed brass.
- Fixing by lock nut for accessible false-ceilings or lock spring for inaccessible false-ceilings.



28,5 mm

CON GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - WITH LOCK NUT FOR ACCESSIBLE FALSE-CEILINGS

Cr 0,10	E894-G-LBC	10	4,2W	540	350mA	3000	>80
	E894-G-LBN			600		4000	
Cr 0,10	E897-G-LBC	30	4,2W	540	350mA	3000	>80
	E897-G-LBN			600		4000	

ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644758	ON-OFF	6W	IP20	350mA
644759-1	ON-OFF	15W	IP20	350mA
646258-67	ON-OFF	13W	IP67	350mA

K I T APPARECCHIO + ALIMENTATORE - FITTING + DRIVER

CON GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - WITH LOCK NUT FOR ACCESSIBLE FALSE-CEILINGS

0,30	KTE894-G-LBC	10	4,2W	540	220-240V	3000	>80
	KTE894-G-LBN			600	(350mA)	4000	
Cr 0,30	KTE897-G-LBC	30	4,2W	540	220-240V	3000	>80
	KTE897-G-LBN			600	(350mA)	4000	

CON MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - WITH LOCK SPRING FOR UNACCESSIBLE FALSE-CEILINGS

Cr 0,10	E894-M-LBC	10	4,2W	540	350mA	3000	>80
	E894-M-LBN			600		4000	
Cr 0,10	E897-M-LBC	30	4,2W	540	350mA	3000	>80
	E897-M-LBN			600		4000	

ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644758	ON-OFF	6W	IP20	350mA
644759-1	ON-OFF	15W	IP20	350mA
646258-67	ON-OFF	13W	IP67	350mA

K I T APPARECCHIO + ALIMENTATORE - FITTING + DRIVER

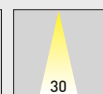
CON MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - WITH LOCK SPRING FOR UNACCESSIBLE FALSE-CEILINGS

0,30	KTE894-M-LBC	10	4,2W	540	220-240V	3000	>80
	KTE894-M-LBN			600	(350mA)	4000	
Cr 0,30	KTE897-M-LBC	30	4,2W	540	220-240V	3000	>80
	KTE897-M-LBN			600	(350mA)	4000	

*Solo apparecchio - Only fitting



*







EYES A-1

- Incasso con anello di finitura in ottone cromato.
- Fissaggio tramite ghiera per controsoffitti accessibili o molla per controsoffitti non accessibili.
- Profondità d'installazione 1 m. max.
- Recessed fitting with ring made of chromed brass.
- Fixing by lock nut for accessible false-ceilings or lock spring for inaccessible false-ceilings.
- 1 m. max depth.



CON GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - WITH LOCK NUT FOR ACCESSIBLE FALSE-CEILING

	E881-G-LBC-68		120		3000	
Cr	E881-G-LBN-68	1x1,2W	125	350mA	4000	>80
	E881-G-LBI-68		130		6000	

	E881-GQ-LBC68		120		3000	
Cr	E881-GQ-LBN68	1x1,2W	125	350mA	4000	>80
	E881-GQ-LBI68		130		6000	

CON MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - WITH LOCK SPRING FOR UNACCESSIBLE FALSE-CEILING

	E881-M-LBC-68		120		3000	
Cr	E881-M-LBN-68	1x1,2W	125	350mA	4000	>80
	E881-M-LBI-68		130		6000	

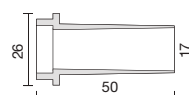
	E881-MQ-LBC68		120		3000	
Cr	E881-MQ-LBN68	1x1,2W	125	350mA	4000	>80
	E881-MQ-LBI68		130		6000	

ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644758	ON-OFF	6W	IP20	350mA
644759-1	ON-OFF	15W	IP20	350mA
646258-67	ON-OFF	13W	IP67	350mA

OP. Disponibile alimentatore in emergenza - Safety driver available
 E....-LBL = LED blu-blue

ACC. 186-5 Pozzetto per pareti solide per Eyes Basic A - A-1
 Concrete walls pit for Eyes Basic A - A-1

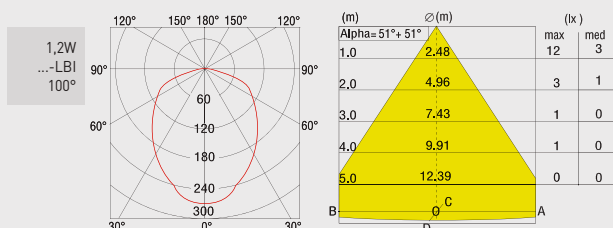


IP 68



outside

C180-----C00 | C270 — C90





*Solo apparecchio - Only fitting

IP 65

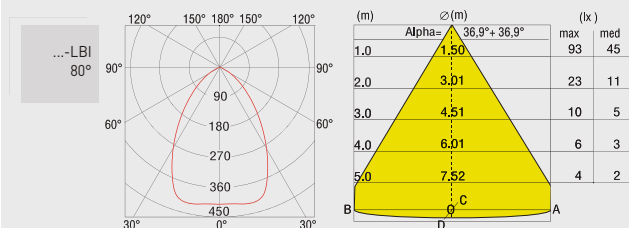


*

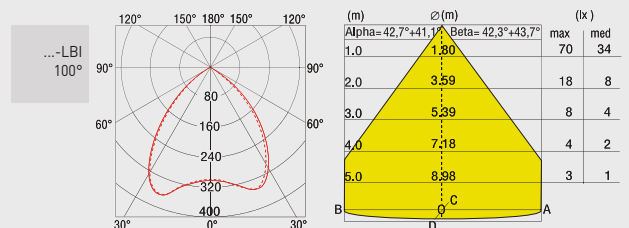


outside

C180 - C00 | C270 - C90



C180 - C00 | C270 - C90





EYES B-1

- Incasso con anello di finitura in ottone cromato.
- Fissaggio tramite ghiera per controsoffitti accessibili o molla per controsoffitti non accessibili.
- Recessed fitting with ring made of chromed brass.
- Fixing by lock nut for accessible false-ceilings or lock spring for inaccessible false-ceilings.

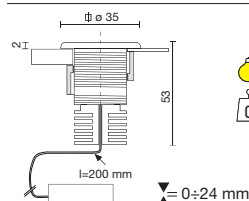
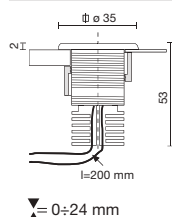


Con lente bombata in vetro
With dished glass lens

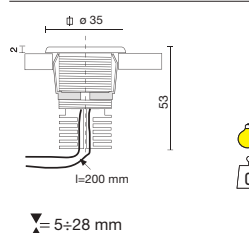
Con vetro di protezione Led
With Led protection glass

28 mm

			80	100	W	lm	V	K	CRI
CON GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - WITH LOCK NUT FOR ACCESSIBLE FALSE-CEILING'S									
	Cr	E885-G-LBC	E886-G-LBC		1x1,2W	130 - 165	500mA	3000	>80
		E885-G-LBI	E886-G-LBI					6000	
		E885-G-LBL	E886-G-LBL					470 nm	
	Cr	E885-G-RGB	E886-G-RGB		1x3,5W	-	350mA		-
	Cr	E885-G-Q-LBC	E886-G-Q-LBC		1x2W	130 - 165	500mA	3000	>80
		E885-G-Q-LBI	E886-G-Q-LBI					6000	
		E885-G-Q-LBL	E886-G-Q-LBL					470 nm	
	Cr	E885-G-Q-RGB	E886-G-Q-RGB		1x3,5W	-	350mA		-
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED									
644758	ON-OFF	8W	IP20	350mA					
644759-1	ON-OFF	15W	IP20	350mA					
646258-67	ON-OFF	13W	IP20	350mA					
644758-5	ON-OFF	6W	IP20	500mA					
645086	ON-OFF	20W	IP40	500mA					
645626-1	ON-OFF	20W	IP40	500mA					

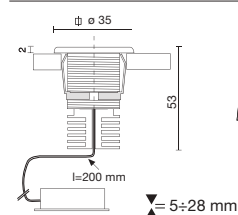


K I T APPARECCHIO + ALIMENTATORE - FITTING + DRIVER									
CON GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - WITH LOCK NUT FOR ACCESSIBLE FALSE-CEILING'S									
	Cr	KTE885-G-LBC	KTE886-G-LBC		3W	125	220-240V	3000	>80
		KTE885-G-LBI	KTE886-G-LBI			165	500mA	6000	
		KTE885-G-LBL	KTE886-G-LBL			-		470 nm	



CON MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - WITH LOCK SPRING FOR UNACCESSIBLE FALSE-CEILING'S									
	Cr	E885-M-LBC	E886-M-LBC		1x1,2W	130 - 165	500mA	3000	>80
		E885-M-LBI	E886-M-LBI					6000	
		E885-M-LBL	E886-M-LBL					470 nm	
	Cr	E885-M-RGB	E886-M-RGB		1x3,5W	-	350mA		-
	Cr	E885-M-Q-LBC	E886-M-Q-LBC		1x1,2W	130 - 165	500mA	3000	>80
		E885-M-Q-LBI	E886-M-Q-LBI					6000	
		E885-M-Q-LBL	E886-M-Q-LBL					470 nm	
	Cr	E885-M-Q-RGB	E886-M-Q-RGB		1x3,5W	-	350mA		-

ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED				
644758	ON-OFF	8W	IP20	350mA
644759-1	ON-OFF	15W	IP20	350mA
646258-67	ON-OFF	13W	IP20	350mA
644758-5	ON-OFF	6W	IP20	500mA
645086	ON-OFF	20W	IP40	500mA
645626-1	ON-OFF	20W	IP40	500mA



K I T APPARECCHIO + ALIMENTATORE - FITTING + DRIVER									
CON MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - WITH LOCK SPRING FOR UNACCESSIBLE FALSE-CEILING'S									
	Cr	KTE885-M-LBC	KTE886-M-LBC		1x1,2W	165	500mA	3000	>80
		KTE885-M-LBI	KTE886-M-LBI					6000	
		KTE885-M-LBL	KTE886-M-LBL					470 nm	

■ Il parametro più basso si riferisce sempre alla potenza inferiore - The lowest value is always referred to the lowest watt

OP. Disponibile alimentatore in emergenza - Safety driver available
A richiesta - On request: disponibile - available

ACC.	186-3	Pozzetto per pareti solide per Eyes Basic B - B-1 - B-3 Concrete walls pit for Eyes Basic B - B-1 - B-3	
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EYES B-1 COB



- Incasso con anello di finitura in ottone cromato con Led COB ad alta emissione.
- Parabola metallizzata.
- Fissaggio tramite ghiera per controsoffitti accessibili o molla per controsoffitti non accessibili.
- Recessed fitting with ring made of chromed brass with high emission COB Led.
- Metalized reflector.
- Fixing by lock nut for accessible false-ceilings or lock spring for inaccessible false-ceilings.



28 mm

LED COB	45°	(W)	(lm)	(V)	(K)	(CRI)
---------	-----	-----	------	-----	-----	-------

CON GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - WITH LOCK NUT FOR ACCESSIBLE FALSE-CEILINGS						
	 0,07 kg	Cr E886-G-LBC-C	1x3,5W	350	350mA	3000
		Cr E886-G-LBN-C		380		4000
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED						
644758 ON-OFF			6W	IP20	350mA	
644759-1 ON-OFF			15W	IP20	350mA	
646258-67 ON-OFF			13W	IP60	350mA	

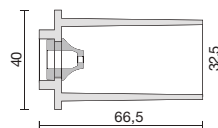
KIT APPARECCHIO + ALIMENTATORE - FITTING + DRIVER						
CON GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - WITH LOCK NUT FOR ACCESSIBLE FALSE-CEILINGS						
	 0,27 kg	Cr KTE886G-LBC-C	4,5W	350	220-240V	3000
		Cr KTE886G-LBN-C		380	[350mA]	4000
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED						
644758 ON-OFF			6W	IP20	350mA	
644759-1 ON-OFF			15W	IP20	350mA	
646258-67 ON-OFF			13W	IP60	350mA	

CON MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - WITH LOCK SPRING FOR UNACCESSIBLE FALSE-CEILINGS						
	 0,06 kg	Cr E886-M-LBC-C	1x3,5W	350	350mA	3000
		Cr E886-M-LBN-C		380		4000
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED						
644758 ON-OFF			6W	IP20	350mA	
644759-1 ON-OFF			15W	IP20	350mA	
646258-67 ON-OFF			13W	IP67	350mA	

KIT APPARECCHIO + ALIMENTATORE - FITTING + DRIVER						
CON MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - WITH LOCK SPRING FOR UNACCESSIBLE FALSE-CEILINGS						
	 0,26 kg	Cr KTE886-MLBC-C	4,5W	350	220-240V	3000
		Cr KTE886-MLBN-C		380	[350mA]	4000
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED						
644758 ON-OFF			6W	IP20	350mA	
644759-1 ON-OFF			15W	IP20	350mA	
646258-67 ON-OFF			13W	IP67	350mA	

OP. A richiesta - On request: disponibile - available

ACC. 186-3 Pozzetto per pareti solide per Eyes Basic B - B-1 - B-3
Concrete walls pit for Eyes Basic B - B-1 - B-3



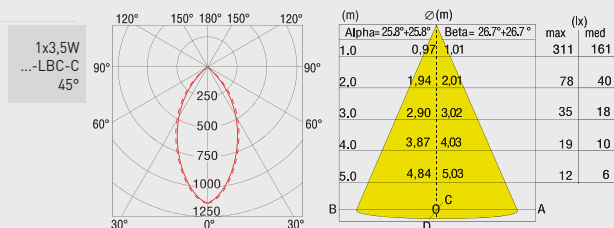
*Solo apparecchio - Only fitting

IP 65



outside

C180.....C00 | C270 — C90





EYES B-3

- Incasso con anello di finitura in ottone cromato.
- Fissaggio tramite ghiera per controsoffitti accessibili o molla per controsoffitti non accessibili.
- Recessed fitting with ring made of chromed brass.
- Fixing by lock nut for accessible false-ceilings or lock spring for inaccessible false-ceilings.

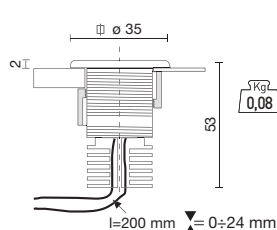


Con lente bombata in vetro
With dished glass lens

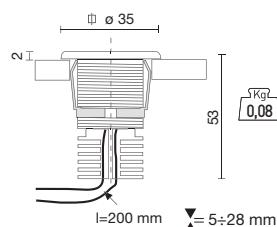
Con vetro di protezione Led
With Led protection glass



W lm V K CRI



CON GHIERA DI BLOCCAGGIO PER CONTROSOFFITTI ACCESSIBILI - WITH LOCK NUT FOR ACCESSIBLE FALSE-CEILINGS		W	lm	V	K	CRI
Cr	E889-G-LBC E888-G-LBC	3x1,2W	240	350mA	3000	>80
	E889-G-LBI E888-G-LBI		300		6000	
	E889-G-LBL E888-G-LBL		-		470 nm	
Cr	E889-G-Q-LBC E888-G-Q-LBC	3x1,2W	240	350mA	3000	>80
	E889-G-Q-LBI E888-G-Q-LBI		300		6000	
	E889-G-Q-LBL E888-G-Q-LBL		-		470 nm	



CON MOLLA DI BLOCCAGGIO PER CONTROSOFFITTI NON ACCESSIBILI - WITH LOCK SPRING FOR UNACCESSIBLE FALSE-CEILINGS		W	lm	V	K	CRI
Cr	E889-M-LBC E888-M-LBC	3x1,2W	240	350mA	3000	>80
	E889-M-LBI E888-M-LBI		300		6000	
	E889-M-LBL E888-M-LBL		-		470 nm	
Cr	E889-M-Q-LBC E888-M-Q-LBC	3x1,2W	240	350mA	3000	>80
	E889-M-Q-LBI E888-M-Q-LBI		300		6000	
	E889-M-Q-LBL E888-M-Q-LBL		-		470 nm	



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644758	ON-OFF	6W	IP20	350mA
644759-1	ON-OFF	15W	IP20	350mA
646258-67	ON-OFF	13W	IP67	350mA

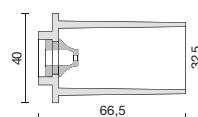
OP.

Disponibile alimentatore in emergenza - Safety driver available



ACC.

186-3 Pozzetto per pareti solide per Eyes Basic B - B-1 - B-3
Concrete walls pit for Eyes Basic B - B-1 - B-3

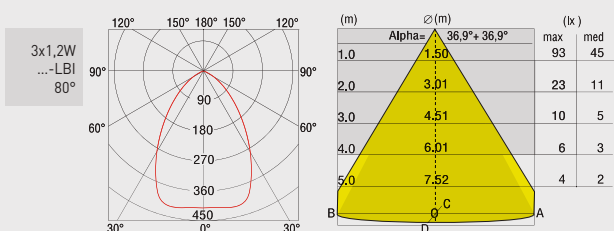


IP 65

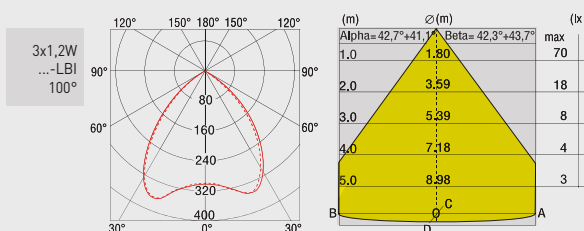


outside

C180-----C00 | C270 ----- C90



C180-----C00 | C270 ----- C90







EYES WALL FLAT/COB

- Incasso in ottone cromato con Led ad alta emissione.
- Anello di finitura in acciaio Inox (AISI 316).
- Parabola metallizzata (solo COB) e vetro di protezione.
- Apparecchio da incasso a parete.

- Recessed fitting made of chromed brass provided with high emission Led.
- Finishing stainless steel ring (AISI 316).
- Metalized reflector (only COB) and protection glass.
- Wall mounting recessed fixture.

				(W)	(lm)	(V)	(K)	(CRI)
INCASSO PER SUPERFICI SOLIDE - SUITABLE FOR CONCRETE SURFACES								
				Inox E871-M-LBC	1x1,2W	80-130	3000	>80
				Inox E871-M-LBI	1x2W	100-150	6000	
				Inox E871-M-LBL	1x2W	-	470nm	
				Inox E871-M-Q-LBC	1x1,2W	80-130	3000	>80
				Inox E871-M-Q-LBI	1x2W	100-150	6000	
				Inox E871-M-Q-LBL	1x2W	-	470nm	
				Inox E872-M-LBC	3x1,2W	240	3000	>80
				Inox E872-M-LBI	3x1,2W	300	6000	
				Inox E872-M-LBL	3x1,2W	-	470nm	
				Inox E872-M-Q-LBC	3x1,2W	240	3000	>80
				Inox E872-M-Q-LBI	3x1,2W	300	6000	
				Inox E872-M-Q-LBL	3x1,2W	-	470nm	

■ Il parametro più basso si riferisce sempre alla potenza inferiore - The lowest value is always referred to the lowest watt

ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED					
644758	ON-OFF	8W	IP20	350mA	
644759-1	ON-OFF	15W	IP20	350mA	
646258-67	ON-OFF	13W	IP20	350mA	
644758-5	ON-OFF	6W	IP20	500mA	
645086	ON-OFF	20W	IP40	500mA	
645626-1	ON-OFF	20W	IP40	500mA	



28 mm



LED COB					(W)	(lm)	(V)	(K)	(CRI)
INCASSO PER PARETI SOLIDE - SUITABLE FOR CONCRETE WALLS									
				Inox E871-M-LBC-C	1x3,5W	285	350mA	3000	>80
				Inox E871-M-LBN-C	1x3,5W	300	4000		
				Inox E871-MQ-LBC-C	1x3,5W	285	350mA	3000	>80
				Inox E871-MQ-LBN-C	1x3,5W	300	4000		

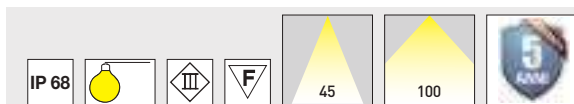
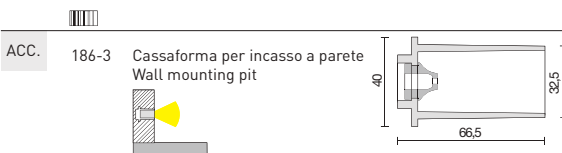
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED					
644758	ON-OFF	6W	IP20	350mA	
644759-1	ON-OFF	15W	IP20	350mA	
646258-67	ON-OFF	13W	IP20	350mA	



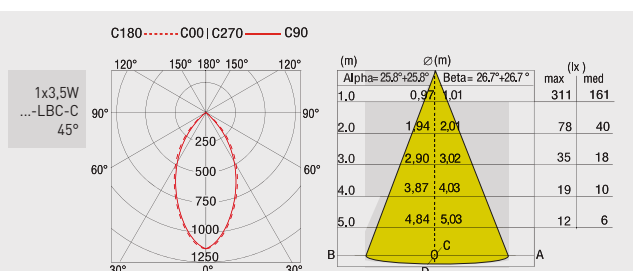
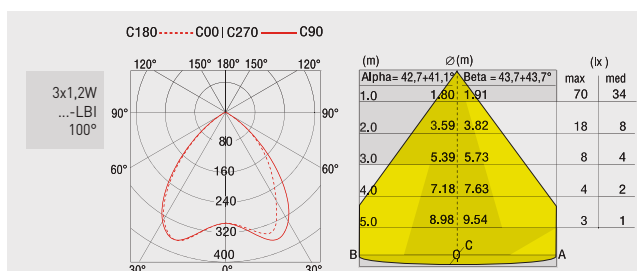
28 mm



OP. Disponibile alimentatore in emergenza - Safety driver available
Solo per sorgenti NON COB - Only for NON COB sources



outside







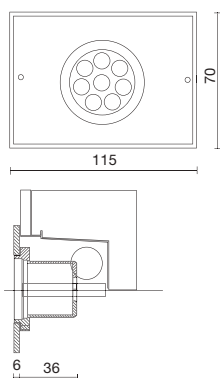
EYES A-9

- Modulo da incasso a muro per scatole elettriche tipo 503.
- Finitura piastra: alluminio anodizzato.
- Recessed wall light fixtures for electrical boxes type 503.
- External finishing: anodized aluminium.



	0,29 Kg	Als E882-LBI E882-LBL		TOT. 1,5W SMD	30 -	230-240V 5600 470nm	>80

OP.	Disponibile alimentatore in emergenza - Safety driver available
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INCASSI PER CONTROSOFFITTO PER FALSE PARETI • RECESSED FALSE WALL - CEILING

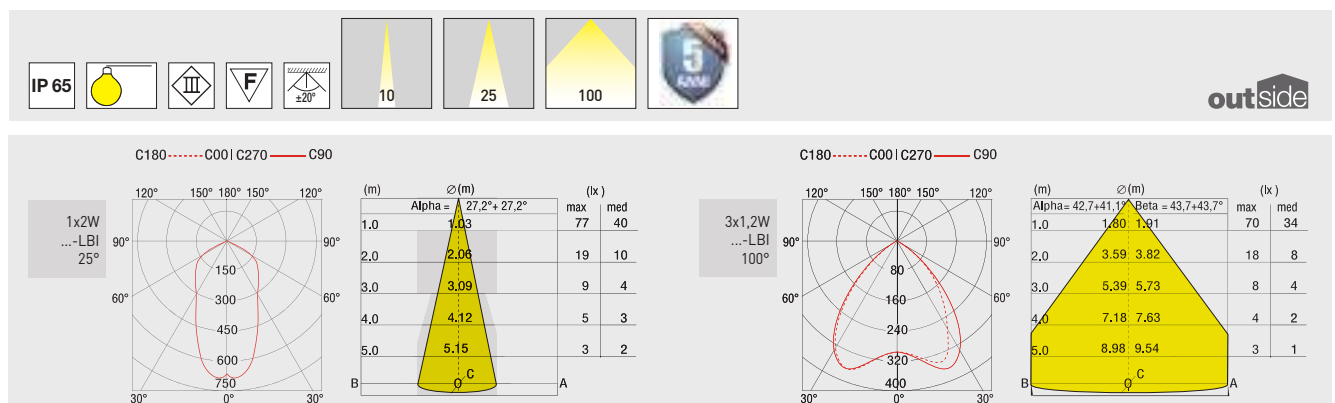




- Corpo e componenti orientabili in alluminio anodizzato orientabile.
- Anello di finitura in alluminio anodizzato.
- Aggancio a molla.
- Adjustable body and mechanical elements made of anodized aluminium.
- Ring made of anodized aluminium.
- Spring locking.



		(W)	(lm)	(V)	(K)	(CRI)																														
<p>OTTICHE FLOOD - FLOOD BEAMS</p>	E931-LBC		240		3000																															
	Als E931-LBI	3x1,2W	300	350mA	6000	>80																														
	E931-LBL		-		470nm																															
	E933-LBC		130		3000																															
	Als E933-LBI	1x2W	150	500mA	6000	>80																														
	E933-LBL		-		470nm																															
Als E933-RGB	1x3,5W	-	350mA																																	
<p>OTTICHE SPOT - SPOT BEAMS</p>	E934-LBC		130		3000																															
	Als E934-LBI	1x2W	150	500mA	6000	>80																														
	E934-LBL		-		470nm																															
	E935-LBC		130		3000																															
	Als E935-LBI	1x2W	150	500mA	6000	>80																														
	E935-LBL		-		470nm																															
<p>ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED</p> <table border="1"> <tr> <td>644758</td> <td>ON-OFF</td> <td>6W</td> <td>IP20</td> <td>350mA</td> </tr> <tr> <td>644759-1</td> <td>ON-OFF</td> <td>15W</td> <td>IP20</td> <td>350mA</td> </tr> <tr> <td>646258-67</td> <td>ON-OFF</td> <td>13W</td> <td>IP67</td> <td>350mA</td> </tr> <tr> <td>644758-5</td> <td>ON-OFF</td> <td>6W</td> <td>IP20</td> <td>500mA</td> </tr> <tr> <td>645086</td> <td>ON-OFF</td> <td>20W</td> <td>IP20</td> <td>500mA</td> </tr> <tr> <td>645626-1</td> <td>ON-OFF</td> <td>20W</td> <td>IP67</td> <td>500mA</td> </tr> </table>							644758	ON-OFF	6W	IP20	350mA	644759-1	ON-OFF	15W	IP20	350mA	646258-67	ON-OFF	13W	IP67	350mA	644758-5	ON-OFF	6W	IP20	500mA	645086	ON-OFF	20W	IP20	500mA	645626-1	ON-OFF	20W	IP67	500mA
644758	ON-OFF	6W	IP20	350mA																																
644759-1	ON-OFF	15W	IP20	350mA																																
646258-67	ON-OFF	13W	IP67	350mA																																
644758-5	ON-OFF	6W	IP20	500mA																																
645086	ON-OFF	20W	IP20	500mA																																
645626-1	ON-OFF	20W	IP67	500mA																																



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color



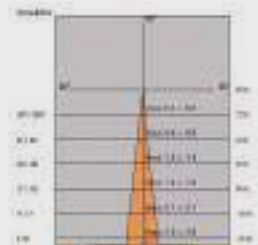
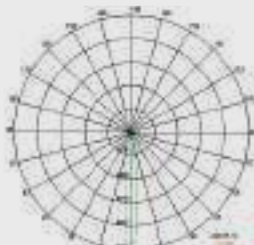
*Solo apparecchio - Only fitting

IP 65



outside

2W
...-LBC
10°





EYES ORIENTABILE

- Corpo in alluminio verniciato o alluminio anodizzato.
- Lente secondaria in PMMA.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.

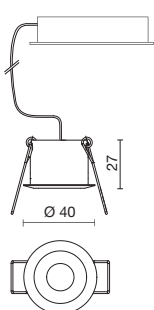
- Body in painted aluminum or anodised aluminum.
- Secondary lens in PMMA.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.



34 mm Δ = 1±30 mm

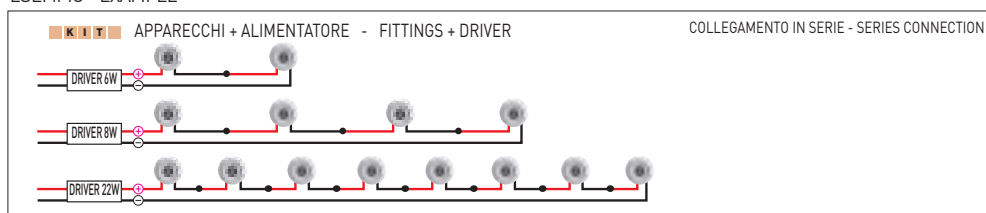


	Br E1219-LBC	E1221-LBC						
	Ne E1220-LBC	E1222-LBC		2W	150	500mA	3000	>80
	Als E1223-LBC	E1224-LBC						
	Br E1219-LBN	E1221-LBN						
	Ne E1220-LBN	E1222-LBN		2W	160	500mA	4000	>80
	Als E1223-LBN	E1224-LBN						
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED								
	644758-5	ON-OFF	6W	IP20	500mA	2 apparecchi - fittings		
	645496	ON-OFF	10W	IP40	500mA	4 apparecchi - fittings		
	645086	ON-OFF	20W	IP40	500mA	8 apparecchi - fittings		
	645626-1	ON-OFF	26W	IP67	500mA			



	K I T 2 APPARECCHI + ALIMENTATORE - 2 FITTINGS + DRIVER							
	Br KT-E1219LBC-2	KT-E1221LBC-2		2W	150	220-240V (500mA)	3000	>80
	Ne KT-E1220LBC-2	KT-E1222LBC-2						
	Br KT-E1219LBN-2	KT-E1221LBN-2						
	Ne KT-E1220LBN-2	KT-E1222LBN-2		2W	160	220-240V (500mA)	4000	>80
	Als KT-E1223LBN-2	KT-E1224LBN-2						
	K I T 4 APPARECCHI + ALIMENTATORE - 4 FITTINGS + DRIVER							
	Br KT-E1219LBC-4	KT-E1221LBC-4		2W	150	220-240V (500mA)	3000	>80
	Ne KT-E1220LBC-4	KT-E1222LBC-4						
	Br KT-E1219LBN-4	KT-E1221LBN-4						
	Ne KT-E1220LBN-4	KT-E1222LBN-4		2W	160	220-240V (500mA)	4000	>80
	Als KT-E1223LBN-4	KT-E1224LBN-4						
	K I T 8 APPARECCHI + ALIMENTATORE - 8 FITTINGS + DRIVER							
	Br KT-E1219LBC-8	KT-E1221LBC-8		2W	150	220-240V (500mA)	3000	>80
	Ne KT-E1220LBC-8	KT-E1222LBC-8						
	Br KT-E1219LBN-8	KT-E1221LBN-8						
	Ne KT-E1220LBN-8	KT-E1222LBN-8		2W	160	220-240V (500mA)	4000	>80
	Als KT-E1223LBN-8	KT-E1224LBN-8						

ESEMPIO - EXAMPLE





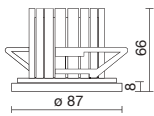
- Corpo in pressofusione di alluminio verniciato in polveri con pretrattamento per esterni.
- Dissipatore in alluminio.
- Anello in materiale termoplastico.
- Lente protezione Led in metacrilato.
- Molle in acciaio e schermo di protezione in vetro temperato.

- Body in die-cast aluminium with special powder treatment for outdoor use.
- Aluminium heatsink.
- Thermoplastic material ring.
- Methacrylate protection Led lens.
- Steel springs and screen protective tempered glass.



70 mm $\Delta = 1 \pm 20$ mm

	10	25	45	LED					SISTEMA-SYSTEM			
				(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)	
Bi	E8140-LBC-10	E8140-LBC-30	E8140-LBC-45	3x2W	375	500mA	3000	>80	6W	352	59	[15°]
Ne	E8141-LBC-10	E8141-LBC-30	E8141-LBC-45									
Gi	E8142-LBC-10	E8142-LBC-30	E8142-LBC-45									
Bi	E8140-LBN-10	E8140-LBN-30	E8140-LBN-45	3x2W	380	500mA	4000	>80	6W	352	59	[15°]
Ne	E8141-LBN-10	E8141-LBN-30	E8141-LBN-45									
Gi	E8142-LBN-10	E8142-LBN-30	E8142-LBN-45									
Bi	E8140-LBI-10	E8140-LBI-30	E8140-LBI-45	3x2W	420	500mA	6000	>80	6W	352	59	[15°]
Ne	E8141-LBI-10	E8141-LBI-30	E8141-LBI-45									
Gi	E8142-LBI-10	E8142-LBI-30	E8142-LBI-45									
Bi	E8140-RGB-10	E8140-RGB-30	E8140-RGB-45	3x1,2W	-	350mA		-	-	-	-	-
Ne	E8141-RGB-10	E8141-RGB-30	E8141-RGB-45									
Gi	E8142-RGB-10	E8142-RGB-30	E8142-RGB-45									



0,30 Kg

ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

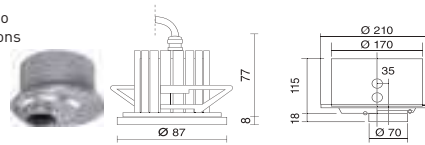
644758	ON-OFF	8W	IP20	350mA
644759-1	ON-OFF	15W	IP20	350mA
646258-67	ON-OFF	13W	IP20	350mA
644758-5	ON-OFF	6W	IP20	500mA
645086	ON-OFF	20W	IP40	500mA
645626-1	ON-OFF	20W	IP40	500mA

E8140-LBC-45

OP. E....-LBL... = LED blu-blue



ACC. 148 per installazioni in calcestruzzo
for concrete ceilings installations



Solo per sorgente LED: versione speciale predisposta per cassaforma idonea ad intallazioni in calcestruzzo.

Esempio di ordinazione: **E8140C-LBC-10** (aggiungere la C dopo il numero articolo e completare il codice) + ordinare cassaforma art. 148.

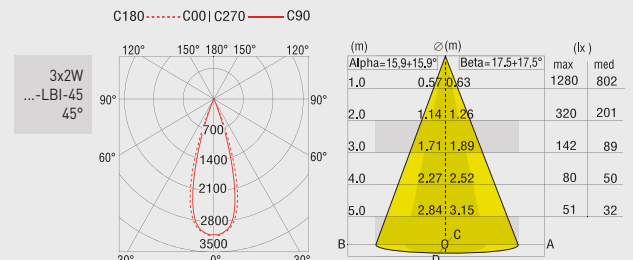
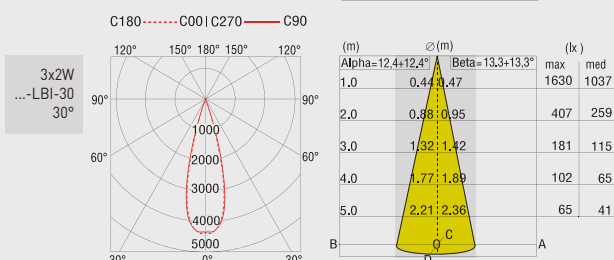
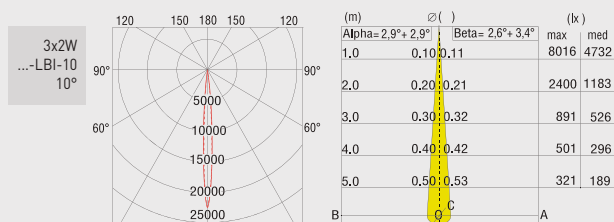
Only for LED source: special version for housing suitable for concrete ceiling installations.

Ordering example: **E8140C-LBC-10** (insert the C letter immediately after the code number and then complete the code) + order housing art. 148.

IP 65



outside





- Corpo in pressofusione di alluminio verniciato in polveri con pretrattamento per esterni.
- Anello in materiale termoplastico.
- Lente protezione Led in metacrilato.
- Molle in acciaio e schermo di protezione in vetro temperato.

- Body in die-cast aluminium with special powder treatment for outdoor use.
- Thermoplastic material ring.
- Methacrylate protection Led lens.
- Steel springs and screen protective tempered glass.



70 mm Δ 1±20 mm

LED COB	25°	40°	LED					SISTEMA-SYSTEM				
			W	lm	V	K	CRI	W	lm	lm/W		
	Bi	E8140-MLBC-25	E8140-MLBC-40	5,2W	700	150mA	3000	>80	5,2W	673	139	(25°)
	Ne	E8141-MLBC-25	E8141-MLBC-40							667	128	(40°)
	Gi	E8142-MLBC-25	E8142-MLBC-40									
	Bi	E8140-MLBN-25	E8140-MLBN-40	5,2W	660	150mA	4000	>80	5,2W	635	104	(25°)
	Ne	E8141-MLBN-25	E8141-MLBN-40							630	103	(40°)
	Gi	E8142-MLBN-25	E8142-MLBN-40									
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED												
	646209	ON-OFF	6W	IP20	150mA							
	646393	ON-OFF	7,5W	IP20	175mA							
	646258-67	ON-OFF	13W	IP20	350mA							
	644759-1	ON-OFF	15W	IP20	500mA							

KIT	APPARECCHIO + ALIMENTATORE											
	FITTING + DRIVER											
	Bi	KTE8140MLBC25	KTE8140MLBC40	5,2W	700	220-240V (150mA)	3000	>80	6,2W	673	109	(25°)
	Ne	KTE8141MLBC25	KTE8141MLBC40							667	108	(40°)
	Gi	KTE8142MLBC25	KTE8142MLBC40									
	Bi	KTE8140MLBN25	KTE8140MLBN40	5,2W	660	220-240V (150mA)	4000	>80	6,2W	635	89	(25°)
	Ne	KTE8141MLBN25	KTE8141MLBN40							630	88	(40°)
	Gi	KTE8142MLBN25	KTE8142MLBN40									

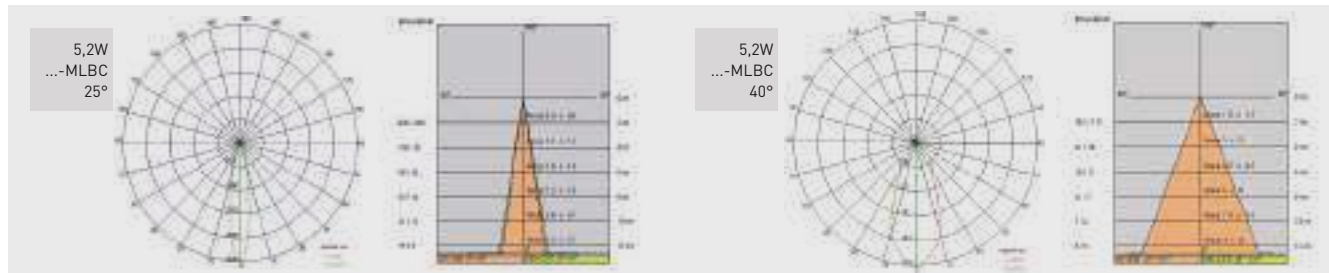
ACC. 148 per installazioni in calcestruzzo
for concrete ceilings installations

Solo per sorgente LED: versione speciale predisposta per cassaforma idonea ad installazioni in calcestruzzo.
Esempio di ordinazione: **E8140C-MLBC-10** (aggiungere la **C** dopo il numero articolo e completare il codice) + ordinare cassaforma art. 148.
Only for LED source: special version for housing suitable for concrete ceiling installations.
Ordering example: **E8140C-MLBC-10** (insert the C letter immediately after the code number and then complete the code) + order housing art. 148.

*Solo apparecchio - Only fitting

IP 65

outside



INCASSI PER CONTROSOFFITTO PER FALSE PARETI • RECESSED FALSE WALL-CEILING

OLODUM MICRO C



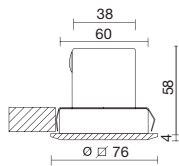
- Apparecchi da incasso per controsoffitto.
- Corpo e anello di finitura in acciaio Inox (AISI 316).
- Guarnizione in gomma siliconica.
- Vetro di protezione temperato trasparente.
- Pressacavo in ottone nichelato PG7.



61 mm $\Delta = 5 \pm 30$ mm

- False-ceilings recessed downlights.
- Stainless steel (AISI 316) body and finishing trim.
- Silicon rubber gaskets.
- Tempered protection glass.
- PG7 nickel brass cable gland.

				(W)	(lm)	(V)	(K)	(CRI)
 VETRO SATINATO - SATIN GLASS E8391-LBC-I Inox E8391-LBN-I E8391-LBL-I				1,5W 9 LED SMD	30	220-240V	3000 4000 470nm	>80
		Inox		1,5W 9 LED SMD	30	220-240V	5600 470nm	>80
		A richiesta diodi a 24 Vcc - On request 24 Vcc diodes						
		Inox		3,5W	-	350mA		-
		Inox		3,5W	-	350mA		-
 E8495-LBC-I Inox E8495-LBN-I E8495-LBL-I				3x1,2W	246 300	12-24Vdc	3000 4000 470nm	>80
		Inox		3x1,2W	246 300	12-24Vdc	3000 4000 470nm	>80
		Inox		3,5W	210	12V	2700	>80
		Inox		3,5W	210	12V	2700	>80



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644758	ON-OFF	8W	IP20	350mA
644759-1	ON-OFF	15W	IP20	350mA
646258-67	ON-OFF	13W	IP20	350mA
644758-5	ON-OFF	6W	IP20	500mA
645086	ON-OFF	20W	IP40	500mA
645626-1	ON-OFF	20W	IP40	500mA

OP. *A richiesta: apertura fascio - On request: light beam

ACC. 645230 Connettore IP68 \varnothing da 7 a 10mm - IP68 connector \varnothing from 7 to 10mm

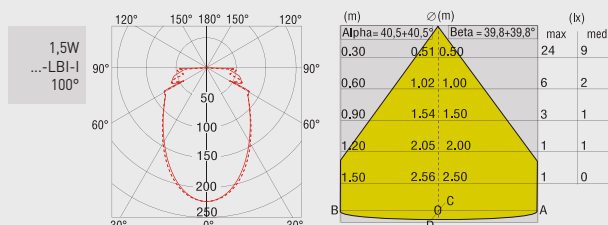
*Solo apparecchio - Only fitting

IK 07
IP 67

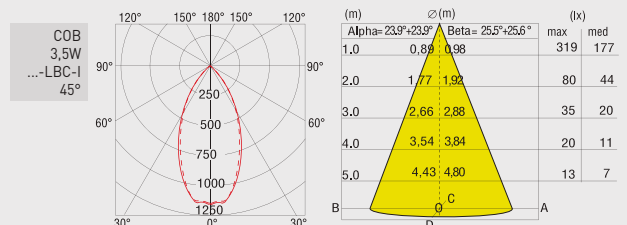


outside

C180.....C00 | C270.....C90



C180.....C00 | C270.....C90





OLODUM MICRO C COB

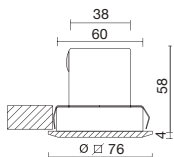


61 mm \times 5±30 mm

LED COB

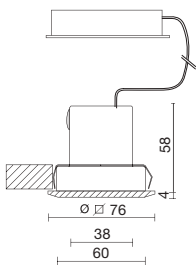


(W) (lm) (V) (K) (CRI)



Inox	E8494-LBC-I E8494-LBN-I	45	3,5W	350 380	350mA	3000 4000	>80
Inox	E8494-LBC-Q-I E8494-LBN-Q-I	45	3,5W	350 380	350mA	3000 4000	>80


KIT APPARECCHIO + ALIMENTATORE - FITTING + DRIVER



Inox	KTE8494-LBC-I KTE8494-LBN-I	45	3,5W	350 380	220-240V (350mA)	3000 4000	>80
Inox	KTE8494LBC-QI KTE8494LBN-QI	45	3,5W	350 380	220-240V (350mA)	3000 4000	>80

OP. *A richiesta: apertura fascio - On request: light beam 25 40 45



ACC. 645230 Connettore IP68 ϕ da 7 a 10mm - IP68 connector ϕ from 7 to 10mm 

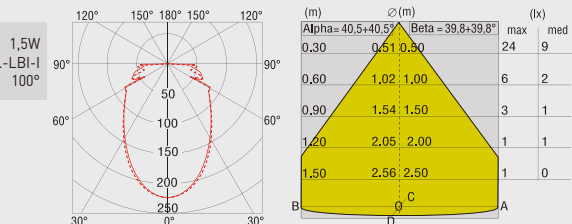
*In fase di approvazione - Under approval

IK07
IP67

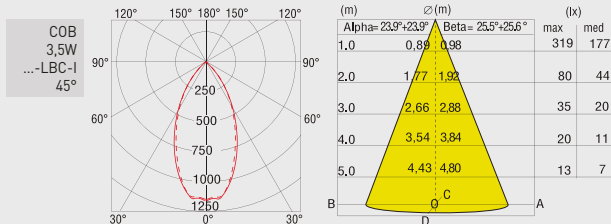


outside

C180-----C00 | C270 — C90



C180-----C00 | C270 — C90



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color

OLODUM MINI C COB



- Apparecchi da incasso per controsoffitto.
- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Vetro di protezione temperato trasparente.
- Pressacavo in ottone nichelato PG11.
- False-ceilings recessed downlights.
- Spot made of die-cast aluminium, powder coated with pretreatment for outdoor use.
- Stainless steel (AISI 316) frame.
- Tempered protection glass.
- PG11 cable gland of nickel plated brass.



120 mm $\Delta = 5 \div 25$ mm

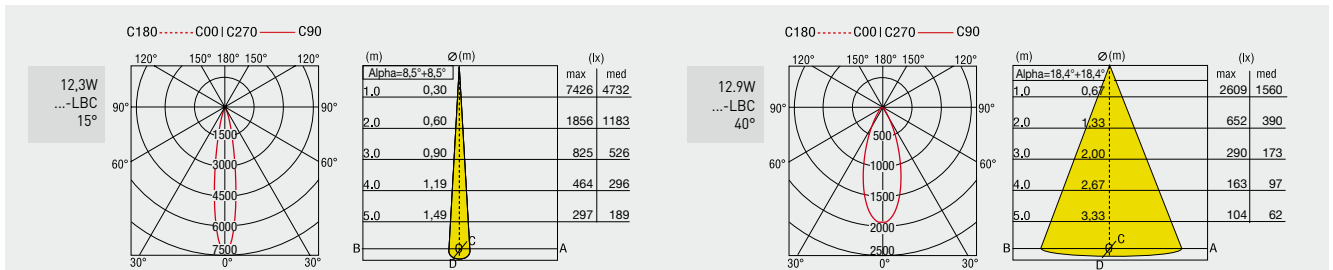
LED COB + DRIVER IP67	LED	LED					SISTEMA-SYSTEM			
		W	lm	V	K	lm/W	W	lm	lm/W	
	E8185CI-LBC15	12,3W	1040				>90	14,3W	896	62
	Inox E8185CI-LBC24	12,9W	1430	350mA	3000		>80	14,9W	1207	81
	E8185CI-LBC40	12,9W	1360				>80	14,9W	1136	76
	E8185CI-LBN15	12,3W	1120				>90	14,3W	965	67
	Inox E8185CI-LBN24	12,9W	1510	350mA	4000		>80	14,3W	2274	86
	E8185CI-LBN40	12,9W	1430				>80	14,3W	1194	80

ACC.	645230	Connettore IP68 ϕ da 7 a 10mm - IP68 connector ϕ from 7 to 10mm	
	E960	Ventosa per rimuovere vetro - Glass remover	

*Solo apparecchio - Only fitting



outside





OLODUM MINI C

- Apparecchi da incasso per controsoffitto.
- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Vetro di protezione temperato trasparente.
- Pressacavo in ottone nichelato PG11.

- False-ceilings recessed downlights.
- Spot made of die-cast aluminium, powder coated with pretreatment for outdoor use.
- Stainless steel (AISI 316) frame.
- Tempered protection glass.
- PG11 cable gland of nickel plated brass.



120 mm Δ = 5±25 mm

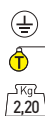
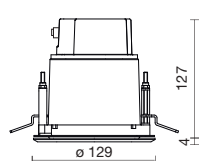
	LED	SISTEMA-SYSTEM							
		(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)
	E8185-I-LBC10	3x1,2W	270	350mA	3000	>80	3,6W	387	52
	Inox E8185-I-LBC30	3x2,5W	410	700mA			7,5W	379	51
	E8185-I-LBC45							375	56
	E8185-I-LBN10	3x1,2W	300	350mA	4000	>80	3,6W	434	58
	Inox E8185-I-LBN30	3x2,5W	460	700mA			7,5W	425	57
	E8185-I-LBN45							420	56
	E8185-I-RGB10	3x1,2W	-	350mA			-	-	-
	Inox E8185-I-RGB30								
	E8185-I-RGB45								

■ Valori riferiti a 700mA - Data referred to 700mA



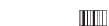
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644758	ON-OFF	6W	IP20	350mA
644759-1	ON-OFF	15W	IP20	350mA
644940	ON-OFF	12W	IP40	700mA
644936	ON-OFF	25W	IP40	700mA
646258-67	ON-OFF	13W	IP20	350mA
644940-67	ON-OFF	12W	IP40	700mA
644936-67	ON-OFF	27W	IP40	700mA



	Inox E8185-I-LBC35	3x1,2W	270	220-240V	3000	>80	4,6W	240	52
	E8185-I-LBN35	330	(350mA)	4000			300	65	

* A richiesta: apertura fascio - On request: light beam 30° - 10°



ACC.	645230	Connettore IP68 \varnothing da 7 a 10mm - IP68 connector \varnothing from 7 to 10mm
	E960	Ventosa per rimuovere vetro - Glass remover

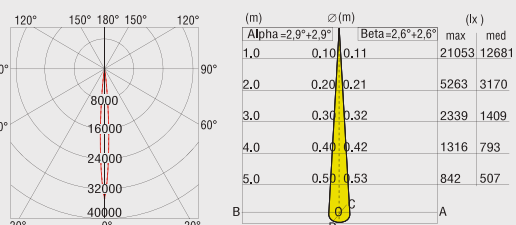


IK07
IP67

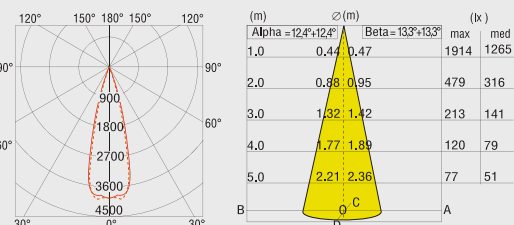


outside

C180 C00 | C270 C90



C180 C00 | C270 C90







OLODUM MIDI C COB

- Apparecchi da incasso per controsoffitto.
- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Vetro di protezione temperato trasparente.
- Pressacavo in ottone nichelato PG13,5.

- False-ceilings recessed downlights.
- Spot made of die-cast aluminium, powder coated with pretreatment for outdoor use.
- Stainless steel (AISI 316) frame.
- Tempered protection glass.
- PG13,5 cable gland of nickel plated brass.



162 mm $\Delta = 1 \pm 30$ mm

LED COB	Icona	LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	LUCE SIMMETRICA - SYMMETRIC LIGHT								
	E82711-LBC-S	SPOT	15°						
	Inox E82711-LBC-FL	FLOOD	30°						
	E82711-LBC-WF	WIDE FLOOD	40°						
	E82711-LBN-S	SPOT	15°						
	Inox E82711-LBN-FL	FLOOD	30°						
	E82711-LBN-WF	WIDE FLOOD	40°						
	LUCE ASIMMETRICA - ASYMMETRIC LIGHT								
	Inox E82711-LBC-AS		15°						
	E82711-LBN-AS		15°						

ACC.	Icona	Descrizione	Icona
645230		Connettore IP68 ϕ da 7 a 10mm - IP68 connector ϕ from 7 to 10mm	
E960		Ventosa per rimuovere vetro - Glass remover	

A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit

INV 1052 KIT 1h IP20
INV 1052-3 KIT 3h IP20

IN ARRIVO - COMING SOON OLODUM MIDI PROOF C COB

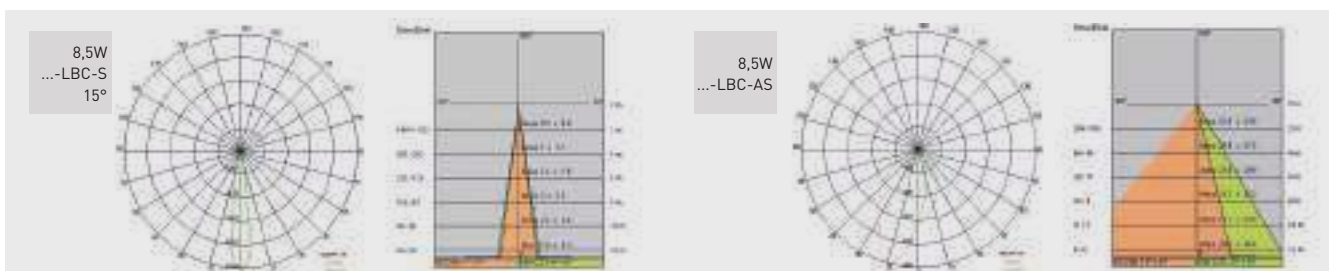
con corpo in materiale termoplastico - with body in thermoplastic material



*In fase di approvazione - Under approval



outside







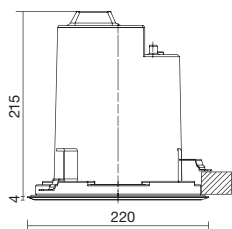
OLODUM STANDARD C COB

- Apparecchi da incasso per controsoffitto.
 - Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
 - Anello di finitura in acciaio Inox (AISI 316).
 - Vetro di protezione temperato trasparente.
 - Pressacavo in ottone nichelato PG13,5.
- False-ceilings recessed downlights.
 - Spot made of die-cast aluminium, powder coated with pretreatment for outdoor use.
 - Stainless steel (AISI 316) frame.
 - Tempered protection glass.
 - PG13,5 cable gland of nickel plated brass.

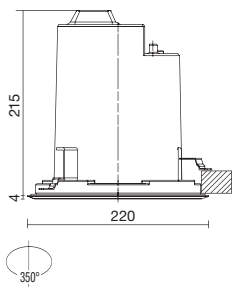


201 mm $\Delta = 5 \div 50$ mm

LED COB	Inox	E8126LBC-24-I E8126LBN-24-I	24	LED					SISTEMA-SYSTEM			
				W	lm	V	K	(CRI)	W	lm	(lm/W)	
				26W	2760	220-240V (700mA)	3000	4000	>80	30W	2126	71
					2900					2234	74	
		E8126LBC-40-I E8126LBN-40-I	40	26W	2650	220-240V (700mA)	3000	4000	>80	30W	2106	70
					2780					2210	74	



LED COB	Inox	E8128I-LBC-S E8128I-LBC-FL E8128I-LBC-WF	SPOT FLOOD WIDE FLOOD	18 40 60	LED					SISTEMA-SYSTEM		
					W	lm	V	K	(CRI)	W	lm	(lm/W)
					17W	2500	220-240V (500mA)	3000	>80	20W	2213	110
						2195				1990	109	
						99						
		E8128I-LBN-S E8128I-LBN-FL E8128I-LBN-WF	SPOT FLOOD WIDE FLOOD	18 40 60	17W	2665	220-240V (500mA)	4000	>80	20W	2360	118
						2341				2120	117	
						106						
		E8128I-LBC-AS E8128I-LBN-AS	LUCE ASIMMETRICA - ASYMMETRIC LIGHT SPOT	18 15	17W	2500	220-240V (500mA)	3000	>80	20W	1880	94
						2665				2005	100	



ACC. 645230 Connettore IP68 ϕ da 7 a 10mm - IP68 connector ϕ from 7 to 10mm
E960 Ventosa per rimuovere vetro - Glass remover



A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit
INV 1052 Kit 1h **IP20**
INV 1052-3 Kit 3h **IP20**



MODULO LED BASCULANTE $\pm 15^\circ$
LED MODULE ADJUSTABLE $\pm 15^\circ$

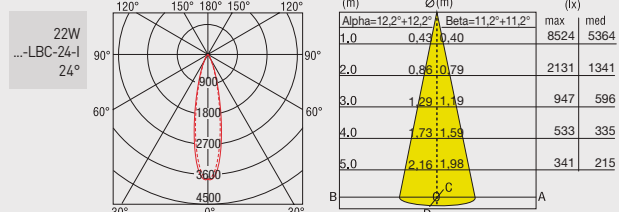
*In fase di approvazione - Under approval

IK 10
IP 67

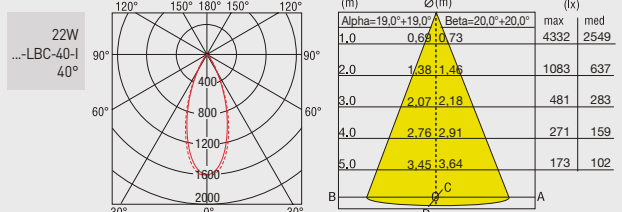


outside

C180.....C00|C270 — C90



C180.....C00|C270 — C90







OLODUM STANDARD PROOF C COB

- Corpo in materiale polimerico.
 - Alta resistenza ambiente marino o ad alta salinità.
 - Anello di finitura in acciaio Inox (AISI 316L).
 - Pressacavo in ottone nichelato PG13,5.
 - Vetro temperato di spessore 10 mm.
- Body in polymeric material.
 - High resistance to marine and heavy salt environments.
 - Stainless steel (AISI 316L).
 - PG13,5 cable gland of nickel plated brass.
 - Tempered glass 10 mm thick.



201 mm Δ = 5-50 mm

**NUOVO MATERIALE TERMOPLASTICO SUPER RESISTENTE
NEW THERMOPLASTIC MATERIAL SUPER RESISTANT**

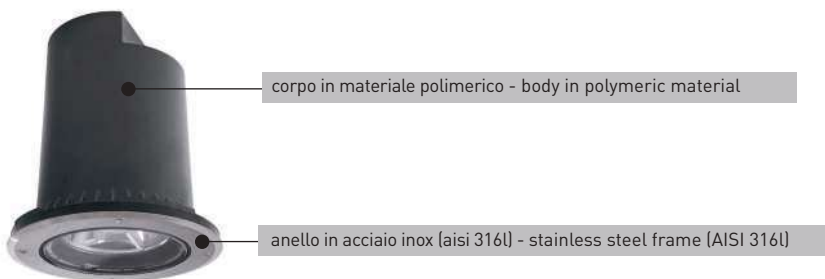


LED COB	SYMMETRIC LIGHT	LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W	
	LUCE SIMMETRICA - SYMMETRIC LIGHT									
	E81291-LBC-S SPOT Δ 18	17W	2500	220-240V (500mA)	3000	>80	20W	2213	110	
	Inox E81291-LBC-FL FLOOD Δ 40									
	E81291-LBC-WF WIDE FLOOD Δ 60									
	E81291-LBN-S SPOT Δ 18	17W	2665	220-240V (500mA)	4000	>80	20W	2360	118	
	Inox E81291-LBN-FL FLOOD Δ 40									
	E81291-LBN-WF WIDE FLOOD Δ 60									
	LUCE ASIMMETRICA - ASYMMETRIC LIGHT									
	Inox E81291-LBC-AS Δ 15	17W	2500	220-240V (500mA)	3000	>80	20W	1880	94	
	E81291-LBN-AS Δ 15		2665		4000			2005	100	

OP. ...-TSC TORX Viti di sicurezza - Safety screws

ACC. 645230 Connettore IP68 ϕ da 7 a 10mm - IP68 connector ϕ from 7 to 10mm 82
E960 Ventosa per rimuovere vetro - Glass remover

A richiesta: versione in emergenza aggiungendo il Kit - On request: emergency version adding Kit
INV 1052 Kit 1h **IP20**
INV 1052-3 Kit 3h **IP20**



Anticorrosione per tutti gli apparecchi da esterno (1000 ore in nebbia salina secondo norma CEI EN 60068-2-11)
Anti-corrosion for all outdoor fittings (1000 hours in salt spray according to standard CEI EN 60068-2-11)

*In fase di approvazione - Under approval

IK 10
IP 67



outside





INCASSI DA INTERRARE • INGROUND



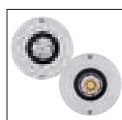
433
EYES GROUND
IP68/COB



434
CIELO FLOOR/
COB



437
OLODUM
MICRO TONDO/
COB



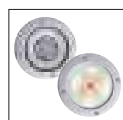
439
OLODUM FLAT
MICRO TONDO/
COB



441
OLODUM
MICRO QUADRO/
COB



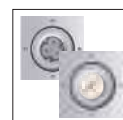
442
OLODUM MINI
TONDO/COB



445
OLODUM FLAT
MINI TONDO/
COB



448
OLODUM
MINI QUADRO/
COB



450
OLODUM FLAT
MINI QUADRO/
COB



452
OLODUM
MIDI TONDO/
COB



453
OLODUM FLAT
MIDI TONDO/
COB



455
OLODUM FLAT
MIDI QUADRO/
COB



457
OLODUM
STANDARD
TONDO/COB



459
OLODUM FLAT
STANDARD
TONDO/COB



461
OLODUM
STANDARD
PROOF COB
TONDO



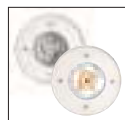
462
OLODUM
STANDARD
QUADRO



463
OLODUM
STANDARD
PROOF COB
QUADRO



464
Olodum
Maxi COB



467
OLODUM MINI
FULL GLASS/
COB



469
OLODUM MIDI
FULL GLASS



471
EYES COVER



472
OLODUM
MICRO COVER



472
OLODUM
MICRO PASS



473
OLODUM MICRO
COVER AL



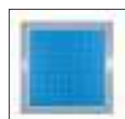
475
OLODUM MINI
COVER AL



477
OLODUM
STANDARD
COVER



478
LI-LED



479
TI-LED



481
MINI LONGLIGHT



483
LONGLIGHT



485
LONGLIGHT SMD



487
LONGLIGHT
ECO



489
LONGLIGHT ECO
ASIMMETRICO



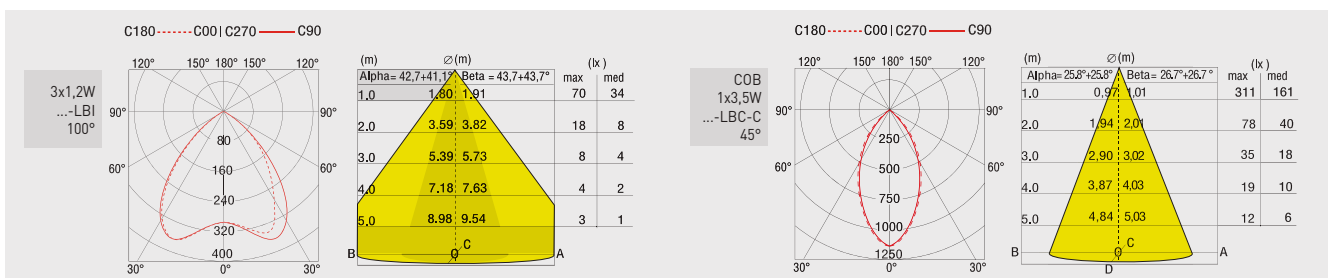
*Solo apparecchio - Only fitting

IP 68



Carico statico 500 kg
Static load 500 kg

outside





EYES GROUND IP68/COB

LED COB

- Incasso in ottone cromato con Led ad alta emissione.
- Anello di finitura in acciaio Inox (AISI 316).
- Parabola metallizzata (solo COB) e vetro di protezione.
- Recessed fitting made of chromed brass provided with high emission Led.
- Stainless steel (AISI 316).
- Metallized reflector (only COB) and protection glass.



		(W)	(lm)	(V)	(K)	(CRI)	(T)			
	INCASSO PER SUPERFICI SOLIDE - SUITABLE FOR CONCRETE SURFACES									
		E883-N-LBC		80-130		3000		64°		
	Inox	E883-N-LBI	1x1,2W	100-150	350mA	6000	>80	64°	•	-
	E883-N-LBL	1x2W	-	500mA	470nm		59°			
		E887-N-LBC		240		3000		73°		
	Inox	E887-N-LBI	3x1,2W	300	350mA	6000	>80	73°	•	-
		E887-N-LBL		-		470nm		62°		

		(W)	(lm)	(V)	(K)	(CRI)	(T)			
	K I T APPARECCHIO + ALIMENTATORE - FITTING + DRIVER INCASSO PER SUPERFICI SOLIDE - SUITABLE FOR CONCRETE SURFACES									
		KTE883-N-LBC		130		3000		64°		
	Inox	KTE883-N-LBI	3W	150	500mA	6000	>80	64°	•	-
	KTE883-N-LBL	1x2W	-		470nm		59°			
		KTE887-N-LBC		240		3000		73°		
	Inox	KTE887-N-LBI	4,6W	300	350mA	6000	>80	73°	•	-
		KTE887-N-LBL		-		470nm		62°		

■ Il parametro più basso si riferisce sempre alla potenza inferiore - The lowest value is always referred to the lowest watt

		(W)	(lm)	(V)	(K)	(CRI)	(T)			
	INCASSO PER PAVIMENTI SOLIDI - SUITABLE FOR CONCRETE FLOORS									
		E883-N-LBC-C		350		3000		-	•	-
	Inox	E883-N-LBN-C	1x3,5W	380	350mA	4000	>80	-	•	-

		(W)	(lm)	(V)	(K)	(CRI)	(T)			
	K I T APPARECCHIO + ALIMENTATORE - FITTING + DRIVER INCASSO PER PAVIMENTI SOLIDI - SUITABLE FOR CONCRETE FLOORS									
		KTE883N-LBC-C		350		3000		-	•	-
	Inox	KTE883N-LBN-C	4,5W	380	220-240V (350mA)	4000	>80	-	•	-

OP. Disponibile alimentatore in emergenza solo per sorgente NON COB - Safety driver available only for NON COB source

	ACC. 186-6	Cassaforma da interrare per alimentatore con doppio pressacavo PG7 per cavi da 3-6mm tipo H05RN-F2G 0,75mm Housing to bury for driver housing with double PG7 cable gland for 3-6mm cable type H05RN-F2G 0,75mm Usare trasformatori - Use transformers: 644760-1 (350mA) 644760-5 (500mA)		

	ACC. 186-7	Cassaforma da interrare senza alimentatore Housing to bury for without driver		

CIELO FLOOR



- Corpo in pressofusione di alluminio verniciato in polveri con pretrattamento per esterni.
- Dissipatore in alluminio.
- Anello in acciaio Inox satinato.
- Cassaforma da murare in materiale termoplastico.
- Vetro di protezione trasparente temperato.
- Pressacavo in ottone nichelato PG7.

- Body in die-cast aluminium with special powder treatment for outdoor use.
- Aluminium heatsink.
- Satin stainless steel ring.
- Housing made of thermoplastic material.
- Tempered transparent protection glass.
- Brass nickel PG7 cable gland.



	LED			SISTEMA-SYSTEM										
	10	25	40	W	lm	V	K	CRI	T	IP	W	lm	lm	
	Inox	E8140F-LBC-10	E8140F-LBC-30	E8140F-LBC-45	375	375	3000	>80	-	-	6W	357	60	(10°)
	Inox	E8140F-LBN-10	E8140F-LBN-30	E8140F-LBN-45	3x2W	380	500mA	4000	-	-	-	350	59	(25°)
	Inox	E8140F-LBI-10	E8140F-LBI-30	E8140F-LBI-45	-	420	-	6000	-	-	-	346	58	(40°)
	Inox	E8140F-RGB-10	E8140F-RGB-30	E8140F-RGB-45	3x1,2W	-	350mA				-	-	-	(40°)

■ Valori riferiti a 4000K - Data referred to 4000K

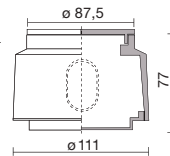


ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED
645626-I ON-OFF 20W IP67 500mA

OP. E....-LBI-... = blu-blue

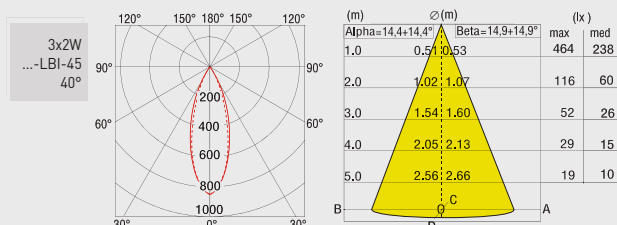
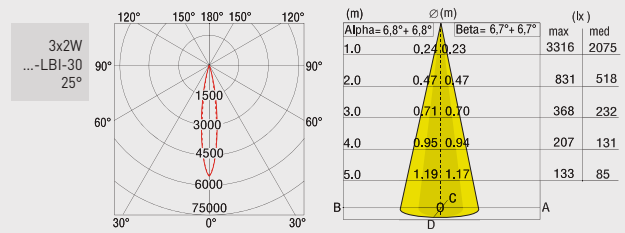
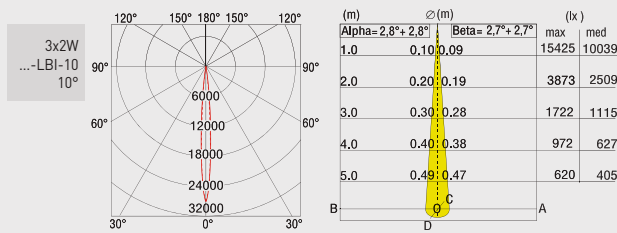


ACC. 185-C Cassaforma per incasso in materiale termoplastico
Housing for recessed made of thermoplastic material



Carico statico 500 kg
Static load 500 kg

outside





CIELO FLOOR COB

- Corpo in pressofusione di alluminio verniciato in polveri con pretrattamento per esterni.
- Anello in acciaio Inox satinato.
- Cassaforma da murare in materiale termoplastico.
- Vetro di protezione trasparente temperato.
- Pressacavo in ottone nichelato PG7.

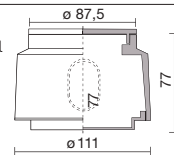
- Body in die-cast aluminium with special powder treatment for outdoor use.
- Satin stainless steel ring.
- Housing made of thermoplastic material.
- Tempered transparent protection glass.
- Brass nickel PG7 cable gland.



LED COB				LED					SISTEMA-SYSTEM							
				W	Im	V	K	CRI	T	W	Im	Im/W				
	 0,35	Inox	E8140F-MLBC25	E8140F-MLBC40	5,2W	700	150mA	3000	>80	-	-	-	5,2W	673	129	(25°)
			E8140F-MLBN25	E8140F-MLBN40	6,1W	660	350mA	4000						6,1W	667	128
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED																
		646393	ON-OFF	6W	IP67	150mA										
		646209	ON-OFF	6W	IP20	150mA										
		646258-67	ON-OFF	13W	IP20	350mA										
		644759-1	ON-OFF	15W	IP20	500mA										

KIT				APPARECCHIO + ALIMENTATORE					FITTING + DRIVER							
	 0,42	Inox	KE8140FMLBC25	KE8140FMLBC40	5,2W	700	150mA	3000	>80	-	-	-	6,2W	673	109	(25°)
			KE8140FMLBN25	KE8140FMLBN40	6,1W	660	350mA	4000						7,1W	667	108
■ Valori riferiti a 3000K - Data referred to 3000K																

ACC. 185-C Cassaforma per incasso in materiale termoplastico
Housing for recessed made of thermoplastic material



*Solo apparecchio - Only fitting

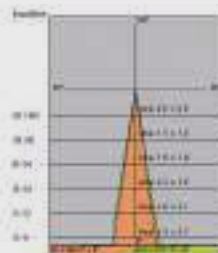
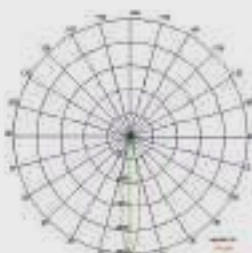
IP 65
IK 07



Carico statico 500 kg
Static load 500 kg

outside

8,5W
...-LBC-S
15°







OLODUM MICRO TONDO/COB

- Corpo in acciaio Inox (AISI 316L).
- Guarnizione in gomma siliconica.
- Vetro di protezione temperato trasparente.
- Anello di finitura e viti in acciaio Inox (AISI 316L).
- Cassaforma di contenimento in PA (da ordinare a parte).
- Pressacavo in ottone nichelato PG7 (diametro cavi utilizzabili 5÷7mm).

- Housing of stainless steel (AISI 316L).
- Silicon rubber gaskets.
- Tempered protection glass.
- Stainless steel (AISI 316L) ring and screws.
- External housing made of PA (to be ordered separately).
- PG7 nickel brass cable gland (use cables with diameter 5÷7mm).



61 mm ∇ 0÷30 mm

	W	Im	V	K	CRI	T		
VETRO SATINATO - SATIN GLASS								
Inox E8391-LBC-SM	tot. 1,5W	-	-	3000				
Inox E8391-LBN-SM	9 LED SMD	-	220-240V	4000	>80	36°	•	-
E8391-LBL-SM				470nm				
Inox E8394-LBC-SM	1x1,2W	70-125		3000				
Inox E8394-LBN-SM	1x2,5W	109-195	350mA	4000	>80	43°	•	-
E8394-LBL-SM			700mA	470nm				
Inox E8394-RGB-SM	3,5W	-	350mA			43°	•	-
E8395-LBC-SM		240		3000				
Inox E8395-LBN-SM	3x1,2W	300	350mA	4000	>80	50°	•	-
E8395-LBL-SM				470nm				
* A richiesta: apertura fascio 25° - 40° On request: light beam 25° - 40°								
E8495-LBC-SM		240		3000				
Inox E8495-LBN-SM	3x1,2W	300	12-24Vdc	4000	>80	50°	•	-
E8495-LBL-SM				470nm				
* A richiesta: apertura fascio 25° - 40° On request: light beam 25° - 40°								
Inox E8390-SM	3,5W	210	12V	2700	>80	50°	•	-

■ Il parametro più basso si riferisce sempre alla potenza inferiore - The lowest value is always referred to the lowest watt



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

645543	ON-OFF	6W	IP67	350mA
644940-67	ON-OFF	12W	IP40	700mA

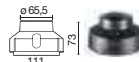
	W	Im	V	K	CRI	T		
LED COB								
Inox E8494-LBC-SM	3,5W	350	350mA	3000	>80	65°	•	-
E8494-LBN-SM		380		4000				

ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

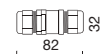
645543	ON-OFF	6W	IP67	350mA
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OP. Disponibile alimentatore in emergenza - Safety driver available
...-TSC TORX Viti di sicurezza - Safety screws

ACC. 185 Cassaforma per incasso - Housing for recessed



645230 Connettore IP68 ϕ da 7 a 10mm - IP68 connector ϕ from 7 to 10mm



▲ In fase di approvazione - Under approval

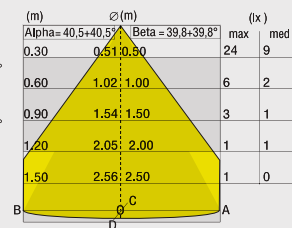
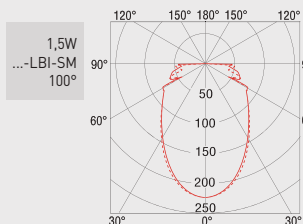
IK 07
IP 67



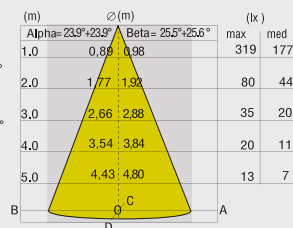
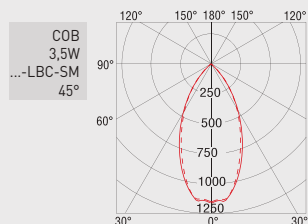
Carico statico 500 kg
Static load 500 kg



C180.....C00|C270 — C90



C180.....C00|C270 — C90







OLODUM FLAT MICRO TONDO/COB

- Corpo in acciaio Inox (AISI 316L).
- Guarnizione in gomma silconica.
- Vetro di protezione temperato.
- Anello di finitura e viti in acciaio Inox (AISI 316L).
- Cassaforma di contenimento in PA (da ordinare a parte).
- Pressacavo in ottone nichelato PG7 (diametro cavi utilizzabili 5÷7mm).

- Housing of stainless steel (AISI 316L).
- Silicon rubber gaskets.
- Tempered protection glass.
- Stainless steel (AISI 316L) ring and screws.
- External housing made of PA (to be ordered separately).
- PG7 nickel brass cable gland (use cables with diameter 5÷7mm).



LED COB
 ⌀ 61 mm Δ = 0÷30 mm

		W	lm	V	K	CRI	T		
	VETRO SATINATO - SATIN GLASS								
	Inox E8391-LBC	tot. 1,5W			3000				
	Inox E8391-LBN	9 LED SMD	-	220-240V	4000	>80	36°	•	-
	Inox E8391-LBL				470nm				
	Inox E8394-RGB	3,5W		350mA			43°	•	-
	Inox E8495-LBC		240		3000				
	Inox E8495-LBN	3x1,2W	300	12-24Vdc	4000	>80	50°	•	-
	Inox E8495-LBL		-		470nm				
* A richiesta: apertura fascio 25° - 40° - On request: light beam 25° - 40°									
	Inox E8390	3,5W	210	12V	2700	>80	50°	•	-
	ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED								
	645543	ON-OFF	6W	IP67	350mA				
	644759	ON-OFF	15W	IP20	350mA				
	J350-68-LED	ON-OFF	15W	IP20	350mA				

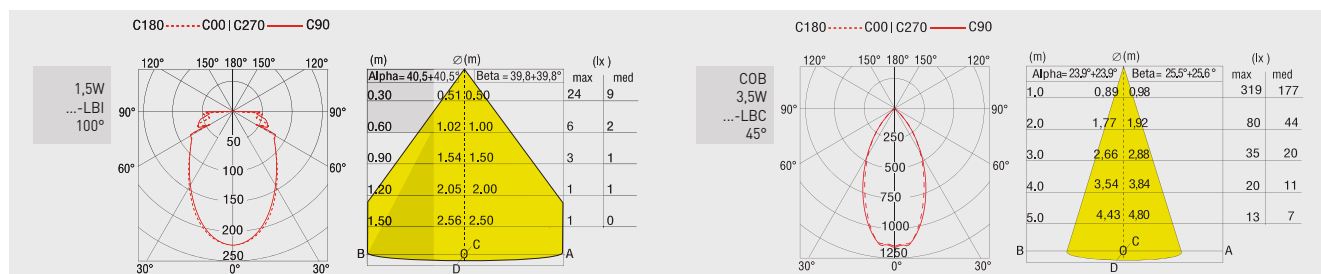
		W	lm	V	K	CRI	T		
	Inox E8494-LBC	3,5W	350	350mA	3000	>80	65°	•	-
	Inox E8494-LBN		380		4000				
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED									
	645543	ON-OFF	6W	IP67	350mA				
OP.	Disponibile alimentatore in emergenza - Safety driver available								
	...-TSC TORX Viti di sicurezza - Safety screws								
ACC.	185	Cassaforma per incasso - Housing for recessed							
	645230	Connettore IP68 ø da 7 a 10mm - IP68 connector ø from 7 to 10mm							

▲ In fase di approvazione - Under approval

IK 07
IP 67



Carico statico 500 kg
Static load 500 kg







OLODUM MICRO QUADRO/COB

- Corpo in acciaio Inox (AISI 316L).
- Guarnizione in gomma silconica.
- Vetro di protezione temperato.
- Anello di finitura e viti in acciaio Inox (AISI 316L).
- Cassaforma di contenimento in PA (da ordinare a parte).
- Pressacavo in ottone nichelato PG7 (diametro cavi utilizzabili 5÷7mm).

- Housing of stainless steel (AISI 316L).
- Silicon rubber gaskets.
- Tempered protection glass.
- Stainless steel (AISI 316L) ring and screws.
- External housing made of PA (to be ordered separately).
- PG7 nickel brass cable gland (use cables with diameter 5÷7mm).



61 mm Δ=0÷30 mm

	W	lm	V	K	(CRI)	T		
VETRO SATINATO - SATIN GLASS								
Inox E8391-LBC-SMQ	tot. 1,5W 9 LED SMD	-	220-240V	3000	>80	36°	•	-
E8391-LBN-SMQ								
E8391-LBL-SMQ								
Inox E8394-LBC-SMQ	1x1,2W 1x2,5	70-125	350mA	3000	>80	43°	•	-
E8394-LBN-SMQ								
E8394-LBL-SMQ								
Inox E8394-RGB-SMQ	3,5W	-	350mA	3000	>80	43°	•	-
Inox E8395-LBC-SMQ	3x1,2W	240	350mA	3000	>80	50°	•	-
E8395-LBN-SMQ								
E8395-LBL-SMQ								
Inox E8495-LBC-SMQ	3x1,2W	240	300	3000	>80	50°	•	-
E8495-LBI-SMQ								
E8495-LBL-SMQ								
Inox E8390-Q	3,5W	210	12V	2700	>80	50°	•	-

* A richiesta: apertura fascio 25° - 40° - On request: light beam 25° - 40°

■ Il parametro più basso si riferisce sempre alla potenza inferiore - The lowest value is always referred to the lowest watt

ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED				
645543	ON-OFF	6W	IP67	350mA
644940-67	ON-OFF	12W	IP67	700mA

LED COB		W	lm	V	K	(CRI)	T		
Inox E8494-LBC-SMQ	45	3,5W	285	350mA	3000	>80	65°	•	-
E8494-LBN-SMQ									

ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

645543	ON-OFF	6W	IP67	350mA
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OP. Disponibile alimentatore in emergenza - Safety driver available
 ↳TSC TORX Viti di sicurezza - Safety screws

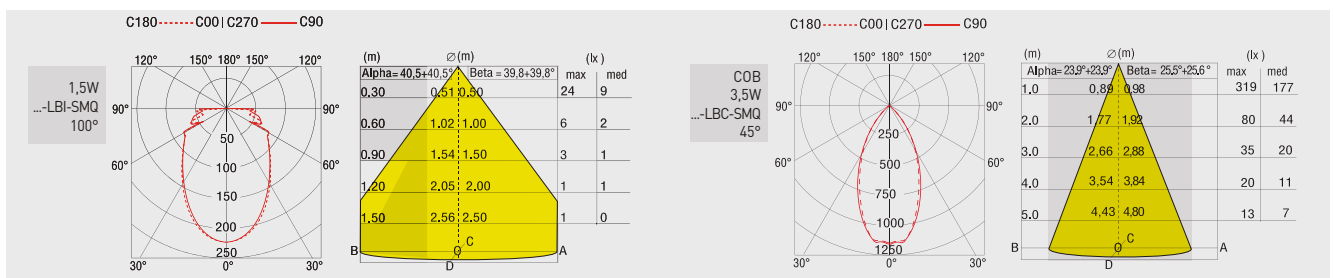
ACC. 185 Cassaforma per incasso - Housing for recessed

645230 Connettore IP68 ø da 7 a 10mm - IP68 connector ø from 7 to 10mm

▲ In fase di approvazione - Under approval

IK 07
IP 67

Carico statico 500 kg
Static load 500 kg



OLODUM MINI TONDO COB



- Corpo in pressofusione di alluminio verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Pressacavo in ottone nichelato PG11.
- Vetro temperato di spessore 10 mm.

- Body in die-cast aluminium with special powder treatment for outdoor use.
- Stainless steel [AISI 316] frame.
- PG11 nickel brass cable gland.
- Tempered glass, 10 mm thick.



LED COB + DRIVER	E8184C-LBC-15 E8184C-LBC-24 E8184C-LBC-40	E8184C-LBN-15 E8184C-LBN-24 E8184C-LBN-40	LED						SISTEMA-SYSTEM				
			W	lm	V	K	°	CRI	T	W	lm	lm/W	
	Inox		12,3W	1040	220-240V	3000	>90	55°	•	•	14,3W	896	62
			12,9W	1430	(350mA)		>80				14,9W	1207	81
			12,9W	1340			>80				14,9W	1136	76
	Inox		12,3W	1120	220-240V	4000	>90	55°	•	•	14,3W	965	67
			12,9W	1510	(350mA)		>80				14,9W	1274	86
			12,9W	1430			>80				14,9W	1194	80

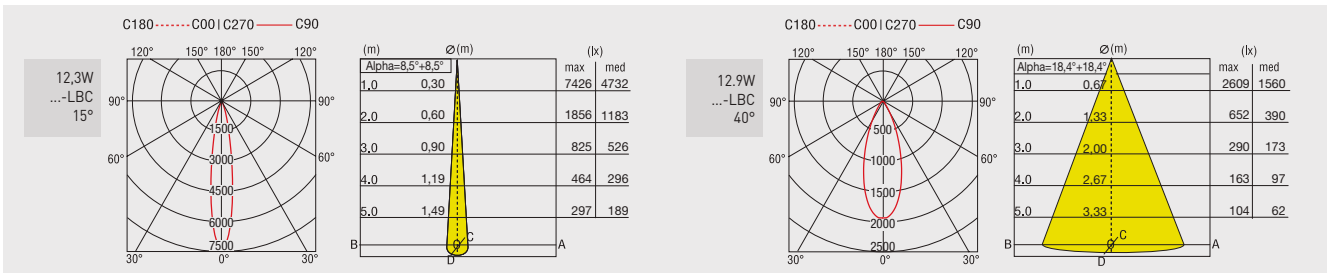
ACC.	645230	Connettore IP68 ø da 7 a 10mm - IP68 connector ø from 7 to 10mm	
	E960	Ventosa per rimuovere vetro - Glass remover	

IK 07
IP 67

15

24

40



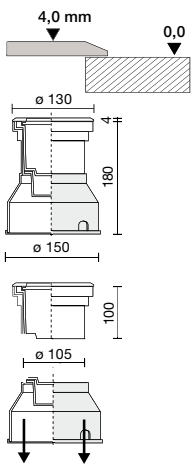


- Corpo in pressofusione di alluminio verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Pressacavo in ottone nichelato PG11.
- Vetro temperato di spessore 10 mm.

- Body in die-cast aluminium with special powder treatment for outdoor use.
- Stainless steel (AISI 316) frame.
- PG11 nickel brass cable gland.
- Tempered glass, 10 mm thick.



	LED							SISTEMA-SYSTEM			
	W	lm	V	K	CRI	T	W	lm	lm/W		
 VETRO TRASPARENTE - TRANSPARENT GLASS E8180-LBC-230 Inox E8180-LBN-230 E8180-LBL-230	tot. 3W 25 LED SMD	-	220-240V	4000	>80	45°	•	•	3W	40	13
 VETRO SATINATO - SATIN GLASS E8179-LBC-230 Inox E8179-LBN-230 E8179-LBL-230	tot. 3W 25 LED SMD	-	220-240V	4000	>80	45°	•	•	3W	40	13
 E8184-LBC Inox E8184-LBN E8184-LBL	3x2,5W	410 510	700mA	3000 4000	>80	55°	•	•	7,5W	373 464	50 62
 *A richiesta: apertura fascio 10° - 25° On request: light beam 10° - 25°	-	-	-	470nm	-	-	-	-	-	-	-
 E8184-LBC35 Inox E8184-LBN35 E8184-LBL35	3x1,2W	270 330	350mA	3000 4000	>80	55°	•	•	4,6W	240 300	52 65
 *A richiesta: apertura fascio 10° - 25° On request: light beam 10° - 25°	-	-	-	470nm	-	-	-	-	-	-	-



1,10 Kg



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED				
644940	ON-OFF	12W	IP20	700mA
644940-67	ON-OFF	10W	IP67	700mA
644936	ON-OFF	25W	IP40	700mA
644936-67	ON-OFF	25W	IP67	700mA

OP. Disponibile alimentatore in emergenza - Safety driver available

...-TSC TORX Viti di sicurezza - Safety screws



ACC. 645230 Connettore IP68 \varnothing da 7 a 10mm - IP68 connector \varnothing from 7 to 10mm 82

E960 Ventosa per rimuovere vetro - Glass remover

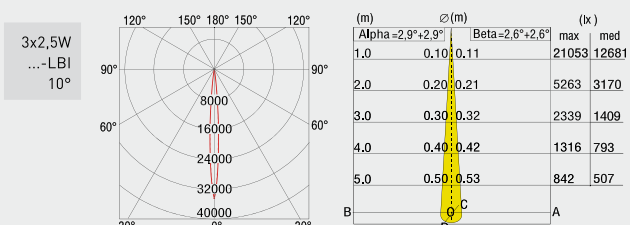
IK 10
IP 67



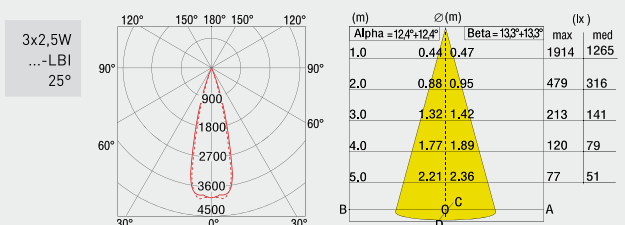
Velocità max carrabilità 20 km-h
 Drive-over max speed 20 km-h
 Carico statico 2000 kg
 Static load 2000 kg

outside

C180.....C00|C270—C90



C180.....C00|C270—C90







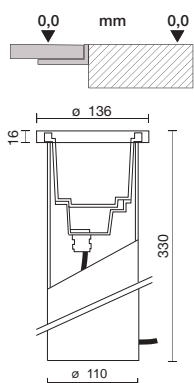
OLODUM FLAT MINI TONDO COB

- Corpo in pressofusione di alluminio verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Pressacavo in ottone nichelato PG11.
- Vetro temperato di spessore 10 mm.

- Body in die-cast aluminium with special powder pre-treatment for outdoor use.
- Stainless steel (AISI 316) frame.
- PG11 nickel brass cable gland.
- Tempered glass, 10 mm thick.



LED COB	Material	LED						SISTEMA-SYSTEM					
		W	lm	V	K	°	CRI	T	W	lm	lm/W		
E8384CT-LBC15	Inox	12,3W	1040	350mA	3000	3000	>90	55°	•	•	14,3W	896	62
E8384CT-LBC24		12,9W	1430				>80				12,9W	1207	81
E8384CT-LBC40		12,9W	1340				>80				12,9W	1176	76
E8384CT-LBN15	Inox	12,3W	1120	350mA	4000	4000	>90	55°	•	•	14,3W	965	67
E8384CT-LBN24		12,9W	1510				>80				14,9W	1274	86
E8384CT-LBN40		12,9W	1430				>80				14,9W	1194	76



2,10

ACC. 645230 Connettore IP68 ø da 7 a 10mm - IP68 connector ø from 7 to 10mm
 E960 Ventosa per rimuovere vetro - Glass remover

INCASSI DA INTERRARE • INGROUND

*Solo apparecchio - Only fitting

IK 07
IP 67

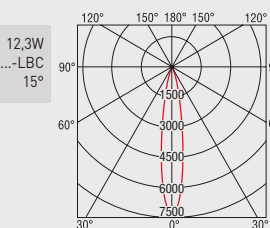


H05RN-F



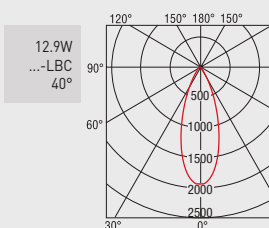
outside

C180.....C00 | C270 — C90



(m)	Ø (m)	(lx)	max	med
1,0	0,30		7426	4732
2,0	0,60		1856	1183
3,0	0,90		825	526
4,0	1,19		464	296
5,0	1,49		297	189

C180.....C00 | C270 — C90



(m)	Ø (m)	(lx)	max	med
1,0	0,67		2609	1560
2,0	1,33		652	390
3,0	2,00		290	173
4,0	2,67		163	97
5,0	3,33		104	62





OLODUM FLAT MINI TONDO

- Corpo in pressofusione di alluminio verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Pressacavo in ottone nichelato PG11.
- Vetro temperato di spessore 10 mm.

- Body in die-cast aluminium with special powder pre-treatment for outdoor use.
- Stainless steel (AISI 316) frame.
- PG11 nickel brass cable gland.
- Tempered glass, 10 mm thick.



	LED	SISTEMA-SYSTEM									
		W	lm	V	K	CRI	T	•	•	W	lm
 VETRO TRASPARENTE - TRANSPARENT GLASS E8380-T-LBC23 Inox E8380-T-LBN23 E8380-T-LBL23	tot. 3W 25 LED SMD	-	220-240V	4000	>80	45°	•	•	3W	40	13
	3000			470nm							
 VETRO SATINATO - SATIN GLASS E8379-T-LBI23 Inox E8379-T-LBI23 E8379-T-LBL23	tot. 3W 25 LED SMD	-	220-240V	4000	>80	45°	•	•	3W	40	13
	3000			470nm							
 E8384-T-LBC Inox E8384-T-LBN E8384-T-LBL	410	410	700mA	3000	>80	55°	•	•	410	55	
	3x2,5W	510		4000	>80	470nm			7,5W	510	68
	-	-							-	-	-
*A richiesta: apertura fascio 10° - 30° On request: light beam 10° - 30°											
 E8384-T-LBC35 Inox E8384-T-LBN35 E8384-T-LBL35	240	300	220-240V [350mA]	3000	>80	55°	•	•	240	60	
	3x2,5W	300		6000	>80	470nm			4W	300	75
	-	-							-	-	-
*A richiesta: apertura fascio 10° - 30° On request: light beam 10° - 30°											



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

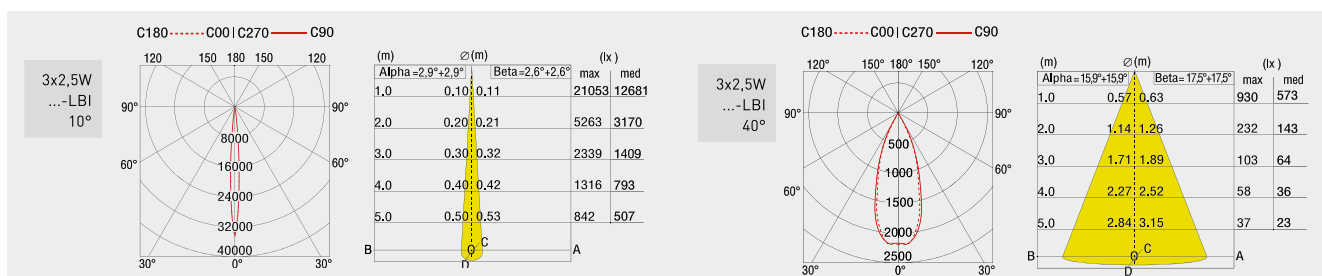
644940	ON-OFF	12W	IP20	700mA
644940-67	ON-OFF	12W	IP67	700mA
644936	ON-OFF	25W	IP40	700mA
644936-67	ON-OFF	25W	IP67	700mA

INCASSI DA INTERERARE • INGROUND

IK 10
IP 67

Velocità max carrabilità 20 km-h
Drive-over max speed 20 km-h

Carico statico 2000 kg
Static load 2000 kg



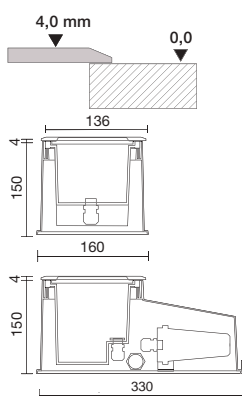
OLODUM MINI QUADRO COB



- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di bloccaggio del vetro in acciaio Inox (AISI 316).
- Vetro in cristallo temperato e trasparente di spessore 10 mm.
- Completo di pozzetto in materiale termoplastico e di guarnizione in silicone.
- Pressacavo in ottone nichelato PG11.

- Spot made of die-cast aluminium, powder coated with pretreatment for outdoor use.
- Stainless steel (AISI 316) frame.
- Finishing tempered glass 10 mm thick.
- Gasket of glass and cover in silicone rubber with external housing of thermoplastic material.
- Cable gland of nickel plated brass with predisposition for through wiring PG11.

LED COB	E7120C-LBC15 Inox E7120C-LBC24 E7120C-LBC40	E7120C-LBN15 Inox E7120C-LBN24 E7120C-LBN40	LED						SISTEMA-SYSTEM					
			W	lm	V	K	°	CRI	T	W	lm	lm/W		
	E7120C-LBC15	E7120C-LBN15	12,3W	1040								14,3W	896	62
	Inox E7120C-LBC24	Inox E7120C-LBN24	12,9W	1430	350mA	3000	>90	45°	•	•		14,9W	1207	81
	E7120C-LBC40	E7120C-LBN40	12,9W	1340			>80					14,9W	1136	76
			12,3W	1120	350mA	4000	>90	45°	•	•		14,3W	965	67
			12,9W	1510			>80					14,9W	1274	81
			12,9W	1430			>80					14,9W	1194	80



OP. ...-TSC TORX Viti di sicurezza - Safety screws



ACC. 645230 Connettore IP68 Ø da 7 a 10mm - IP68 connector Ø from 7 to 10mm



E960 Ventosa per rimuovere vetro - Glass remover

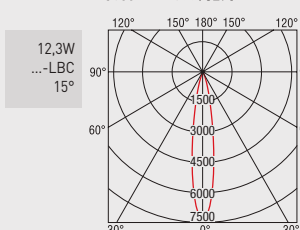


IK 07
IP 67



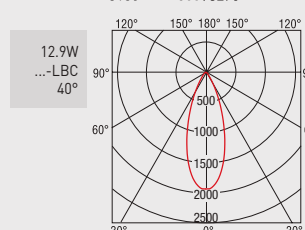
outside

C180.....C00|C270 C90



(m)	Ø(m)	(lx)	max	med
1,0	0,30	7426	4732	
2,0	0,60	1856	1183	
3,0	0,90	825	526	
4,0	1,19	464	296	
5,0	1,49	297	189	

C180.....C00|C270 C90



(m)	Ø(m)	(lx)	max	med
1,0	0,67	2609	1560	
2,0	1,33	652	390	
3,0	2,00	290	173	
4,0	2,67	163	97	
5,0	3,33	104	62	



- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di bloccaggio del vetro in acciaio Inox (AISI 316).
- Vetro in cristallo temperato e trasparente di spessore 10 mm.
- Completo di pozzetto in materiale termoplastico e di guarnizione in silicone.
- Pressacavo in ottone nichelato PG11.



- Spot made of die-cast aluminium, powder coated with pretreatment for outdoor use.
- Stainless steel (AISI 316) frame.
- Finishing tempered glass 10 mm thick.
- Gasket of glass and cover in silicone rubber with external housing of thermoplastic material.
- Cable gland of nickel plated brass with predisposition for through wiring PG11.

	LED	SISTEMA-SYSTEM											
		(W)	(lm)	(V)	(K)	(CRI)	(T)	(W)	(lm)	(lm/W)			
	Inox E7120-LBC-10	3x2,5W	410	220-240V (700mA)	3000	>80	45°	•	•	8,5W	387	46	
	E7120-LBN-10		510		4000						480	56	
	E7120-LBL-10		-		470nm						-	-	
	Inox E7120-LBC-30	3x2,5W	410	220-240V (700mA)	3000	>80	45°	•	•	8,5W	379	45	
	E7120-LBN-30		510		4000						420	55	
	E7120-LBL-30		-		470nm						-	-	
	Inox E7120-LBC-45	3x2,5W	410	220-240V (700mA)	3000	>80	45°	•	•	8,5W	373	44	
	E7120-LBN-45		510		4000						464	55	
	E7120-LBL-45		-		470nm						-	-	
	Inox E7120-RGB-10	3x2,5W	-	350mA		-	45°	•	•	-	-	-	
	E7120-RGB-30		-								-	-	-
	E7120-RGB-45		-								-	-	-

- OP. ...-TSC TORX Viti di sicurezza - Safety screws
- ACC. 645230 Connettore IP68 ø da 7 a 10mm - IP68 connector ø from 7 to 10mm
- E960 Ventosa per rimuovere vetro - Glass remover



Velocità max carrabilità 20 km-h
Drive-over max speed 20 km-h

Carico statico 2000 kg
Static load 2000 kg

outside

INCASSI DA INTERRARE • INGROUND

OLODUM FLAT MINI QUADRO COB

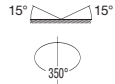
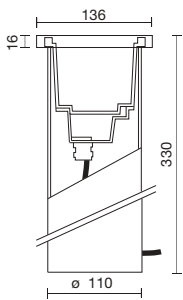
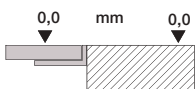


- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di bloccaggio del vetro in acciaio Inox (AISI 316).
- Vetro in cristallo temperato e trasparente di spessore 10 mm.
- Completo di pozzetto in materiale termoplastico e di guarnizione in silicone.
- Pressacavo in ottone nichelato PG11.



- Body in die-cast aluminium with special powder treatment for outdoor use.
- Stainless steel (AISI 316) frame.
- Finishing tempered glass 10 mm thick.
- Gasket of glass and cover in silicone rubber with external housing of thermoplastic material.
- Cable gland of nickel plated brass with predisposition for through wiring PG11.

LED COB + DRIVER		LED							SISTEMA-SYSTEM				
		W	lm	V	K	°	CRI	T	W	lm	lm/W		
Inox	E8384C-LBC-15	12,3W	1040	350mA	3000	15°	>90	45°	•	•	14,3W	896	62
	E8384C-LBC-24	12,9W	1430								14,9W	1207	81
	E8384C-LBC-40	12,9W	1340								14,9W	1136	76
Inox	E8384C-LBN-15	12,3W	1120	350mA	4000	15°	>90	45°	•	•	14,3W	965	67
	E8384C-LBN-24	12,9W	1510								14,9W	1174	86
	E8384C-LBN-40	12,9W	1430								14,9W	1194	80



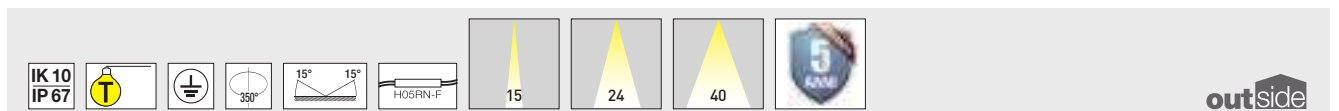
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED
 644759-1 ON-OFF 15W IP20 350mA
 J350-68-LED ON-OFF 15W IP68 350mA

OP. Disponibile alimentatore in emergenza - Safety driver available

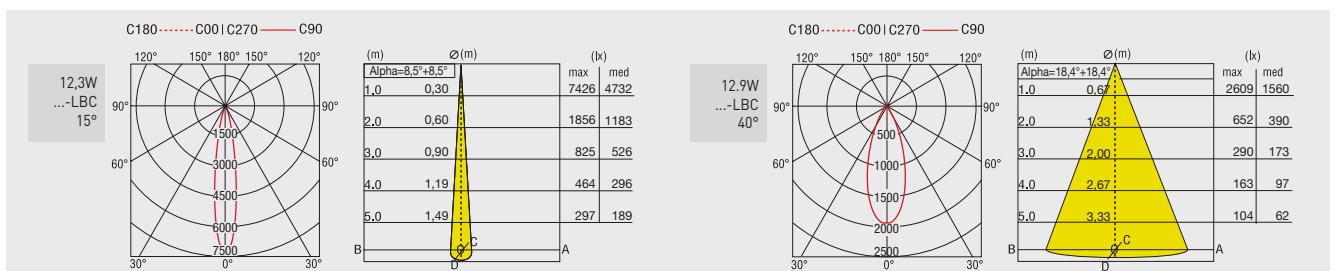
...-TSC TORX Viti di sicurezza - Safety screws

ACC. 645230 Connettore IP68 Ø da 7 a 10mm - IP68 connector Ø from 7 to 10mm

E960 Ventosa per rimuovere vetro - Glass remover



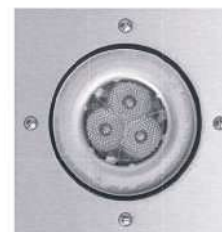
outside



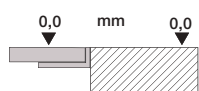
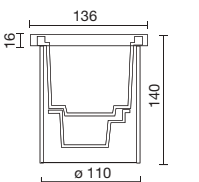



OLODUM FLAT MINI QUADRO

- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di bloccaggio del vetro in acciaio Inox (AISI 316).
- Vetro in cristallo temperato e trasparente di spessore 10 mm.
- Completo di pozzetto in materiale termoplastico e di guarnizione in silicone.
- Pressacavo in ottone nichelato PG11.



- Body in die-cast aluminium with special powder treatment for outdoor use.
- Stainless steel (AISI 316) frame.
- Finishing tempered glass 10 mm thick.
- Gasket of glass and cover in silicone rubber with external housing of thermoplastic material.
- Cable gland of nickel plated brass with predisposition for through wiring PG11.

	LED	SISTEMA-SYSTEM									
		W	lm	V	K	CRI	T	W	lm	lm/W	
 VETRO TRASPARENTE - TRANSPARENT GLASS E8380-LBC-230 Inox E8380-LBN-230 E8380-LBL-230	tot. 3W 25 LED SMD	-	220-240V	4000	>80	45°	•	•	3W	40	13
	3000 470nm										
	VETRO SATINATO - SATIN GLASS E8379-LBC-230 Inox E8379-LBI-230 E8379-LBL-230										
 E8384-LBC Inox E8384-LBN E8384-LBL	tot. 3W 25 LED SMD	-	220-240V	4000	>80	45°	•	•	3W	40	13
	3000 470nm										
	E8384-LBC 410 E8384-LBN 3x2,5W 510 700mA 4000 >80 55° • • 7,5W 464 65 E8384-LBL - 470nm *A richiesta: apertura fascio 10° - 25° On request: light beam 10° - 25°										
 E8384-LBC35 Inox E8384-LBN35 E8384-LBL35	220 330	-	220-240V (350mA)	3000 4000	>80	55°	•	•	4,6W	240 300	52 65
	470nm										
	*A richiesta: apertura fascio 10° - 25° On request: light beam 10° - 25°										



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644940	ON-OFF	12W	IP20	700mA
644940-67	ON-OFF	10W	IP67	700mA
644936	ON-OFF	25W	IP40	700mA
644936-67	ON-OFF	25W	IP67	700mA

INCASSI DA INTERRARE • INGROUND

IK 10
IP 67

T

III

H05RN-F

10


25

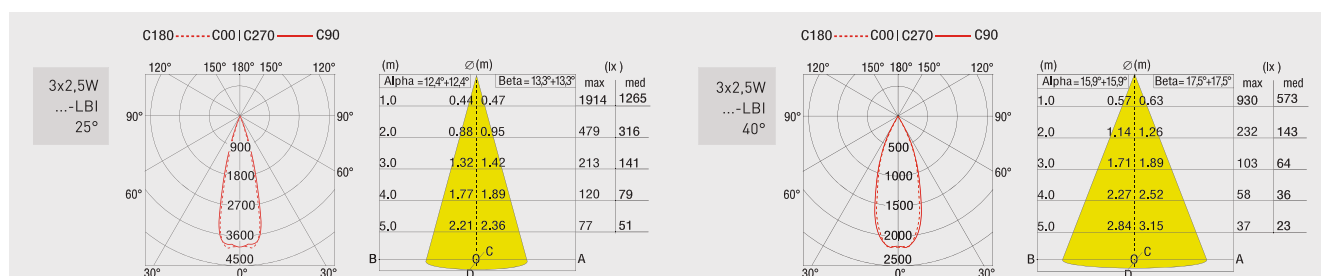
40

5

Velocità max carrabilità 20 km-h
Drive-over max speed 20 km-h

Carico statico 2000 kg
Static load 2000 kg





OLODUM MIDI TONDO/COB



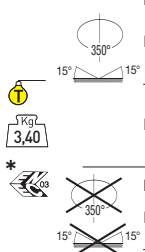
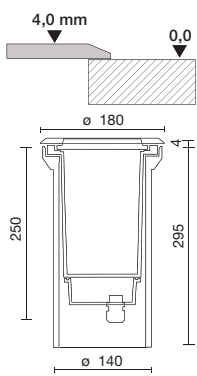
- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Pressacavo in ottone nichelato PG13,5.
- Vetro temperato di spessore 10 mm.

- Body in die-cast aluminium with special powder treatment for outdoor use.
- Stainless steel (AISI 316) frame.
- PG13,5 nickel brass cable gland.
- Tempered glass 10 mm thick.



LED COB

	Inox	E8267-LBC-24 E8267-LBN-24	24	LED						SISTEMA-SYSTEM				
				W	lm	V	K	CRI	T	W	lm	lm/W		
 3,40	Inox	E8267-LBC-40 E8267-LBN-40	40	26W	2760 2900	220-240V (700mA)	3000 4000	>80	65°	•	•	30W	2125 2234	71 74
	Inox	E8251-RGB		5x3,6W	-	350mA		-	55°	•	•	-	-	-
LED COB														
LUCE SIMMETRICA - SYMMETRIC LIGHT														
 3,40	Inox	E8271-LBC-S SPOT	15	8,5W	950	220-240V (250mA)	3000	>80	45°	•	•	9,5W	780	82
	Inox	E8271-LBC-FL FLOOD	30										746	79
	Inox	E8271-LBC-WF WIDE FLOOD	40										760	80
 3,40	Inox	E8271-LBN-S SPOT	15	8,5W	1000	220-240V (250mA)	4000	>80	45°	•	•	9,5W	821	86
	Inox	E8271-LBN-FL FLOOD	30										785	82
	Inox	E8271-LBN-WF WIDE FLOOD	40										800	84
* LUCE ASIMMETRICA - ASYMMETRIC LIGHT														
 3,40	Inox	E8271-LBC-AS	15	8,5W	950	220-240V (250mA)	3000	>80	45°	•	•	9,5W	680	71
	Inox	E8271-LBN-AS	15										715	75



- OP. ...-TSC TORX Viti di sicurezza - Safety screws
- ACC. 645230 Connettore IP68 \varnothing da 7 a 10mm - IP68 connector \varnothing from 7 to 10mm 82
- E960 Ventosa per rimuovere vetro - Glass remover

IN ARRIVO - COMING SOON OLODUM MIDI TONDO PROOF COB

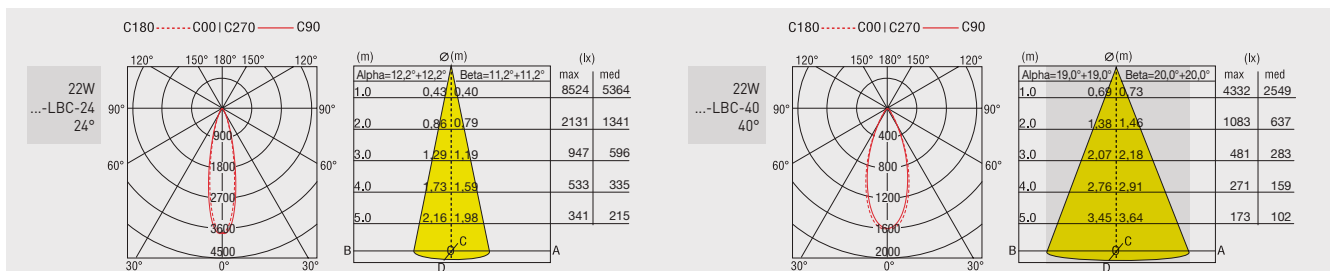
con corpo in materiale termoplastico - with body in thermoplastic material

*In fase di approvazione - Under approval

IK 10
IP 67



Velocità max carrabilità 20 km-h
Drive-over max speed 20 km-h
Carico statico 2000 kg
Static load 2000 kg **outside**





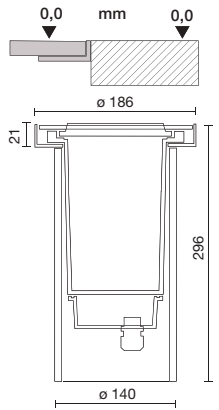
OLODUM FLAT MIDI TONDO/COB

LED COB



- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Pressacavo in ottone nichelato PG13,5.
- Vetro temperato di spessore 10 mm.
- Body in die-cast aluminium with special powder treatment for outdoor use.
- Stainless steel (AISI 316) frame.
- PG13,5 nickel brass cable gland.
- Tempered glass 10 mm thick.

	Inox	E8267T-LBC-24 E8267T-LBN-24	24	LED					SISTEMA-SYSTEM					
				W	lm	V	K	(CRI)	T	W	lm	(lm/W)		
 	Inox	E8267T-LBC-40 E8267T-LBN-40	40	26W	2760 2500	220-240V (700mA)	3000 4000	>80	65°	•	•	30W	2125 2234	71 74
	Inox	E8267T-LBC-40 E8267T-LBN-40	40	26W	2650 2780	220-240V (700mA)	3000 4000	>80	65°	•	•	30W	2106 2210	70 74
	Inox	E8251-T-RGB		5x3,6W	-	350mA		-	55°	•	•	-	-	-
LED COB														
LUCE SIMMETRICA - SYMMETRIC LIGHT														
	Inox	E8276T-LBC-S SPOT	15	8,5W	950	220-240V (250mA)	3000	>80	45°	•	•	9,5W	780	82
	Inox	E8276T-LBC-FL FLOOD	30										746	79
	Inox	E8276T-LBC-WF WIDE FLOOD	40										760	80
	Inox	E8276T-LBN-S SPOT	15	8,5W	1000	220-240V (250mA)	4000	>80	45°	•	•	9,5W	821	86
	Inox	E8276T-LBN-FL FLOOD	30										785	82
	Inox	E8276T-LBN-WF WIDE FLOOD	40										800	84
* LUCE ASIMMETRICA - ASYMMETRIC LIGHT														
	Inox	E8276T-LBC-AS		8,5W	950	220-240V (250mA)	3000	>80	45°	•	•	9,5W	680	71
	Inox	E8276T-LBN-AS											715	75

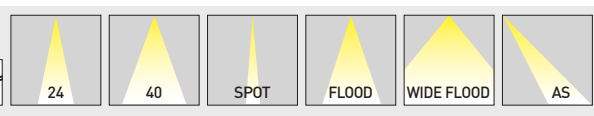


OP. ...-TSC TORX Viti di sicurezza - Safety screws

ACC. 645230 Connettore IP68 Ø da 7 a 10mm - IP68 connector Ø from 7 to 10mm 82

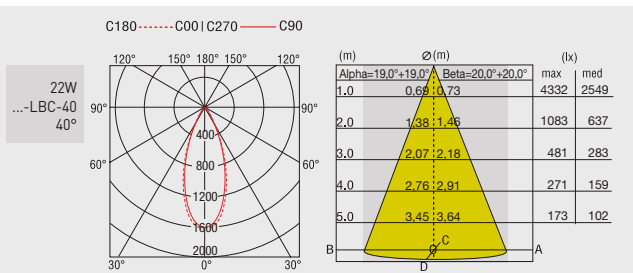
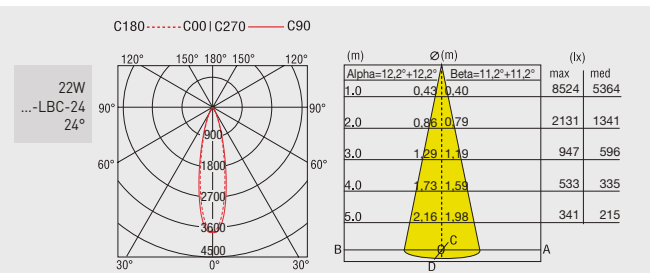
E960 Ventosa per rimuovere vetro - Glass remover

*In fase di approvazione - Under approval



Velocità max carrabilità 20 km-h
Drive-over max speed 20 km-h

Carico statico 2000 kg
Static load 2000 kg







OLODUM FLAT MIDI QUADRO/COB

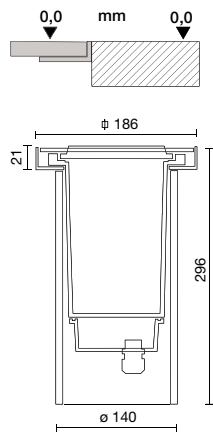
LED COB

- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Pressacavo in ottone nichelato PG13,5.
- Vetro temperato di spessore 10 mm.

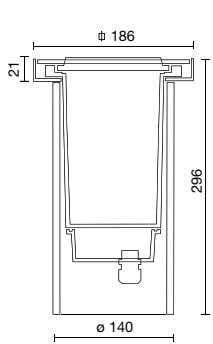


- Body in die-cast aluminium with special powder treatment for outdoor use.
- Stainless steel (AISI 316) frame.
- PG13,5 nickel brass cable gland.
- Tempered glass 10 mm thick.

	LED	SISTEMA-SYSTEM									
		W	lm	V	K	CRI	T	IP	W	lm	lm/W
 0,0 mm 0,0	Inox E8268-LBC-24 E8268-LBN-24	26W	2760 2900	220-240V (700mA)	3000 4000	>80	65°	• •	30W	2126 2234	71 74
	 3,40	Inox E8268-LBC-40 E8268-LBN-40	26W	2900 2780	220-240V (700mA)	3000 4000	>80	65°	• •	30W	2106 2210
 2,00	Inox E8252-RGB	5x3,6W	-	350mA		-	55°	• •	-	-	-



LED COB	LED	SISTEMA-SYSTEM										
		W	lm	V	K	CRI	T	IP	W	lm	lm/W	
 0,0 mm 0,0	LUCE SIMMETRICA - SYMMETRIC LIGHT E8276-LBC-S SPOT	8,5W	950	220-240V (250mA)	3000	>80	45°	• •	9,5W	780 746 760	82 79 80	
	Inox E8276-LBC-FL FLOOD											
	E8276-LBC-WF WIDE FLOOD											
	 2,00	E8276-LBN-S SPOT	8,5W	1000	220-240V (250mA)	4000	>80	45°	• •	9,5W	821 785 800	86 82 84
	Inox E8276-LBN-FL FLOOD											
	E8276-LBN-WF WIDE FLOOD											
 15°	LUCE ASIMMETRICA - ASYMMETRIC LIGHT E8276-LBC-AS	8,5W	950	220-240V (250mA)	3000	>80	45°	• •	9,5W	680 715	71 75	
Inox E8276-LBN-AS												



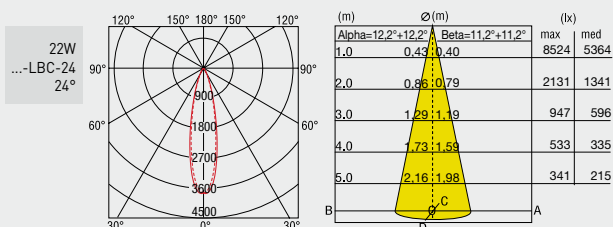
OP. ...-TSC TORX Viti di sicurezza - Safety screws

ACC. 645230 Connettore IP68 Ø da 7 a 10mm - IP68 connector Ø from 7 to 10mm E960 Ventosa per rimuovere vetro - Glass remover

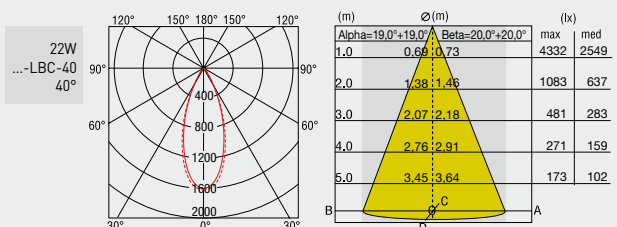
*In fase di approvazione - Under approval

Velocità max carrabilità 20 km-h
 Drive-over max speed 20 km-h
 Carico statico 2000 kg
 Static load 2000 kg **outside**

C180.....C00 | C270 — C90



C180.....C00 | C270 — C90







OLODUM STANDARD TONDO/COB

- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Pressacavo in ottone nichelato PG13,5.
- Vetro temperato di spessore 10 mm.

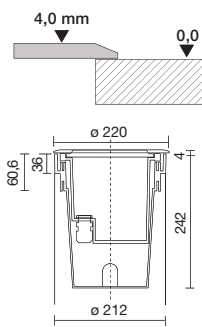
- Body in die-cast aluminium with special powder treatment for outdoor use.
- Stainless steel (AISI 316) frame.
- PG13,5 nickel brass cable gland.
- Tempered glass 10 mm thick.

LED COB

ASIMMETRICO/ASYMMETRIC



	LED	SISTEMA-SYSTEM									
		W	lm	V	K	CRI	T	W	lm	lm/W	
E8126-LBC-24 E8126-LBN-24	26W	2760	220-240V	3000	>80	65°	•	•	30W	2126	71
	26W	2900	(700mA)	4000	>80	65°	•	•	30W	2234	74
E8126-LBC-40 E8126-LBN-40	26W	2650	220-240V	3000	>80	65°	•	•	30W	2106	70
	26W	2780	(700mA)	4000	>80	65°	•	•	30W	2210	74
LED COB											
LUCE SIMMETRICA - SYMMETRIC LIGHT											
E8128-LBC-S SPOT E8128-LBC-FL FLOOD E8128-LBC-WF WIDE FLOOD 	17W	2500	220-240V	3000	>80	45°	•	•	20W	2213	110
	17W	2665	(500mA)	4000	>80	45°	•	•	20W	2195	109
	17W	2665	(500mA)	4000	>80	45°	•	•	20W	1990	99
LUCE ASIMMETRICA - ASYMMETRIC LIGHT											
E8128-LBC-AS E8128-LBN-AS	17W	2550	220-240V	3000	>80	45°	•	•	20W	1880	94
	17W	2665	(500mA)	4000	>80	45°	•	•	20W	2005	100



MODULO LED BASCULANTE ±15°
LED MODULE ADJUSTABLE ±15°

OP. ...-TSC TORX Viti di sicurezza - Safety screws

A richiesta - On request: disponibile - available



ACC. 645230 Connettore IP68 Ø da 7 a 10mm - IP68 connector Ø from 7 to 10mm



E960 Ventosa per rimuovere vetro - Glass remover

*In fase di approvazione - Under approval

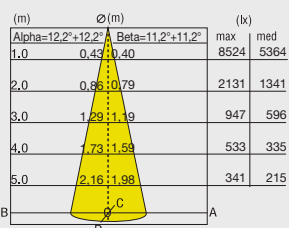
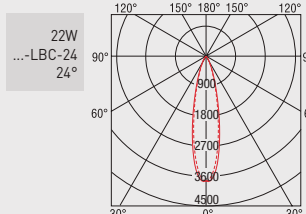


Velocità max carrabilità 20 km-h
Drive-over max speed 20 km-h

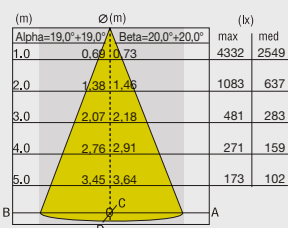
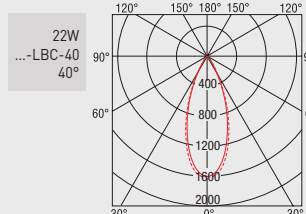
Carico statico 2000 kg
Static load 2000 kg



C180-----C00 | C270 ----- C90



C180-----C00 | C270 ----- C90







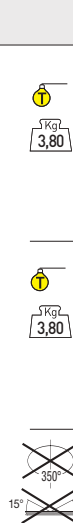
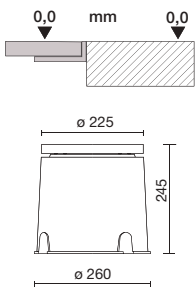
OLODUM FLAT STANDARD TONDO/COB

- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Pressacavo in ottone nichelato PG13,5.
- Vetro temperato di spessore 10 mm.

- Body in die-cast aluminium with special powder treatment for outdoor use.
- Stainless steel (AISI 316) frame.
- PG13,5 nickel brass cable gland.
- Tempered glass 10 mm thick.



	Inox	E8126T-LBC-24 E8126T-LBN-24	LED						SISTEMA-SYSTEM				
			W	lm	V	K	CRI	T	W	lm	lm/W		
			26W	2760 2900	220-240V (700mA)	3000 4000	>80	65°	•	•	30W	2126 2234	71 74
			26W	2650 2780	220-240V (700mA)	3000 4000	>80	65°	•	•	30W	2106 2210	70 74
LED COB													
			17W	2500	220-240V (500mA)	3000	>80	45°	•	•	20W	2213 2195 1990	110 109 99
			17W	2665	220-240V (500mA)	4000	>80	45°	•	•	20W	2360 2120 2341	118 117 106
LUCE ASIMMETRICA - ASYMMETRIC LIGHT													
			17W	2500 2665	220-240V (500mA)	3000 4000	>80	45°	•	•	20W	1880 2005	94 100



OP. ...-TSC TORX Viti di sicurezza - Safety screws
A richiesta - On request: disponibile - available



ACC. 645230 Connettore IP68 Ø da 7 a 10mm - IP68 connector Ø from 7 to 10mm
E960 Ventosa per rimuovere vetro - Glass remover



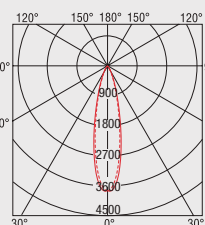
IK 10
IP 67



Velocità max carrabilità 20 km-h
Drive-over max speed 20 km-h
Carico statico 2000 kg
Static load 2000 kg

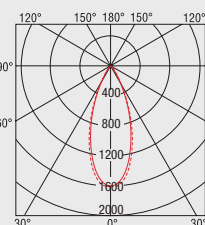


C180.....C00 | C270 — C90



(m)	Ø (m)	(lx)
1,0	0,43 0,40	8524 5364
2,0	0,86 0,79	2131 1341
3,0	1,29 1,19	947 596
4,0	1,73 1,59	533 335
5,0	2,16 1,98	341 215

C180.....C00 | C270 — C90



(m)	Ø (m)	(lx)
1,0	0,69 0,73	4332 2549
2,0	1,38 1,46	1083 637
3,0	2,07 2,18	481 283
4,0	2,76 2,91	271 159
5,0	3,45 3,64	173 102



*In fase di approvazione - Under approval

IK 10
IP 67



Velocità max carrabilità 5 km-h
Drive-over max speed 5 km-h
Carico statico 1000 kg
Static load 1000 kg





OLODUM STANDARD PROOF COB TONDO

- Corpo in materiale polimerico.
- Alta resistenza ambiente marino o ad alta salinità.
- Anello di finitura in acciaio Inox (AISI 316L).
- Pressacavo in ottone nichelato PG13.5.
- Vetro temperato di spessore 10 mm.

- Body in polymeric material.
- High resistance to marine and heavy salt environments.
- Stainless steel (AISI 316L) frame.
- PG13,5 cable gland of nickel plated brass.
- Tempered glass 10 mm thick.



FLAT

NUOVO MATERIALE TERMOPLASTICO SUPER RESISTENTE
NEW THERMOPLASTIC MATERIAL SUPER RESISTANT



LED COB	LED	SISTEMA-SYSTEM														
		W	lm	V	K	CRI	T	W	lm	lm/W						
	LUCE SIMMETRICA - SYMMETRIC LIGHT E8129-LBC-S SPOT Inox E8129-LBC-FL FLOOD E8129-LBC-WF WIDE FLOOD	17W	2500	220-240V (500mA)	3000	>80	45°	•	•	20W	2213	110	2195	109	1990	99
	 E8129-LBN-S SPOT Inox E8129-LBN-FL FLOOD E8129-LBN-WF WIDE FLOOD	17W	2665	220-240V (500mA)	4000	>80	45°	•	•	20W	2360	118	2120	117	2341	106
	 LUCE ASIMMETRICA - ASYMMETRIC LIGHT E8129-LBC-AS Inox E8129-LBN-AS	17W	2500	220-240V (500mA)	3000	>80	45°	•	•	20W	1880	94	2005	100		

LED COB	LED	SISTEMA-SYSTEM														
		W	lm	V	K	CRI	T	W	lm	lm/W						
	LUCE SIMMETRICA - SYMMETRIC LIGHT E8132T-LBC-S SPOT Inox E8132T-LBC-FL FLOOD E8132T-LBC-WF WIDE FLOOD	17W	2500	220-240V (500mA)	3000	>80	45°	•	•	20W	2213	110	2195	109	1990	99
	 E8132T-LBN-S SPOT Inox E8132T-LBN-FL FLOOD E8132T-LBN-WF WIDE FLOOD	17W	2665	220-240V (500mA)	4000	>80	45°	•	•	20W	2360	118	2120	117	2341	106
	 LUCE ASIMMETRICA - ASYMMETRIC LIGHT E8132T-LBC-AS Inox E8132T-LBN-AS	17W	2500	220-240V (500mA)	3000	>80	45°	•	•	20W	1880	94	2005	100		

OP. ...-TSC TORX Viti di sicurezza - Safety screws

A richiesta - On request: disponibile - available



ACC. 645230 Connettore IP68 Ø da 7 a 10mm - IP68 connector Ø from 7 to 10mm

E960 Ventosa per rimuovere vetro - Glass remover



Anticorrosione per tutti gli apparecchi da esterno (1000 ore in nebbia salina secondo norma CEI EN 60068-2-11)
 Anti-corrosion for all outdoor fittings (1000 hours in salt spray according to standard CEI EN 60068-2-11)

OLODUM STANDARD QUADRO



- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Pressacavo in ottone nichelato PG13,5.
- Vetro temperato di spessore 10 mm.

- Body in die-cast aluminium with special powder treatment for outdoor use.
- Stainless steel (AISI 316) frame.
- PG13,5 nickel brass cable gland.
- Tempered glass, 10 mm thick.



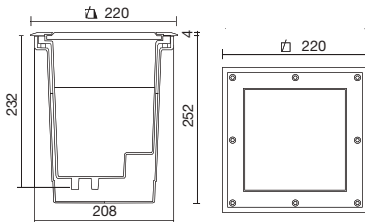
FISSO



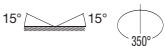
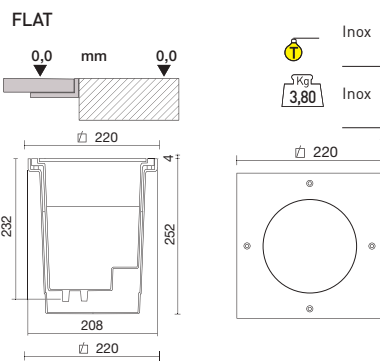
FLAT ORIENTABILE

	LED		SISTEMA-SYSTEM								
	(W)	(lm)	(V)	(K)	(CRI)	(T)	•	•	(W)	(lm)	(lm/W)
 Inox E7070-LBC E7070-LBN ▲ 25 4,50 kg	24,5W	3700 4025	220-240V (750mA)	3000 4000	>80	50°	•	•	27,5W	3071 3340	111 121

* A richiesta: apertura fascio 10° - 40°
On request: light beam 10° - 40°



	LED		SISTEMA-SYSTEM								
	(W)	(lm)	(V)	(K)	(CRI)	(T)	•	•	(W)	(lm)	(lm/W)
Inox E8127-LBC-24 E8127-LBN-24 ▲ 24 3,80 kg	26W	2760 2900	220-240V (700mA)	3000 4000	>80	65°	•	•	30W	2126 2234	71 74
Inox E8127-LBC-40 E8127-LBN-40 ▲ 40 3,80 kg	26W	2650 2780	220-240V (700mA)	3000 4000	>80	65°	•	•	30W	2106 2210	70 74



OP. ...-TSC TORX Viti di sicurezza - Safety screws

ACC. 645230 Connettore IP68 Ø da 7 a 10mm - IP68 connector Ø from 7 to 10mm

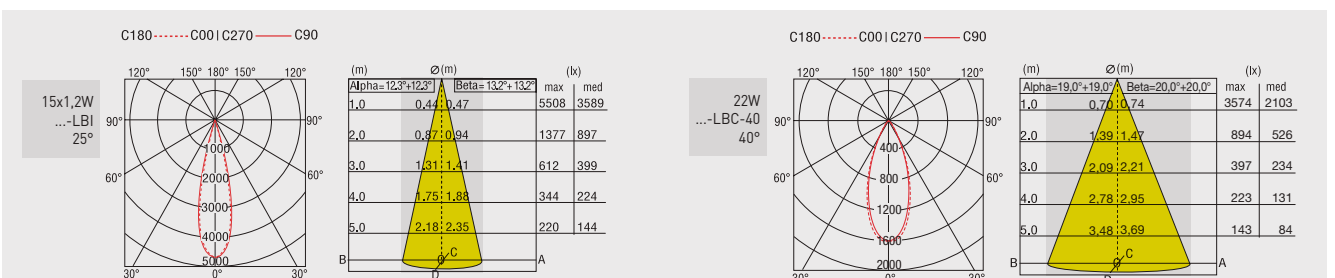
E960 Ventosa per rimuovere vetro - Glass remover



Velocità max carrabilità 20 km-h
Drive-over max speed 20 km-h

Carico statico 2000 kg
Static load 2000 kg

outside





OLODUM STANDARD PROOF COB QUADRO

- Corpo in materiale termoplastico.
- Alta resistenza ambiente marino o ad alta salinità.
- Anello di finitura in acciaio Inox (AISI 316L).
- Pressacavo in ottone nichelato PG13.5.
- Vetro temperato di spessore 10 mm.

- Body in thermoplastic material.
- High resistance to marine and heavy salt environments.
- Stainless steel (AISI 316L) frame.
- PG13,5 cable gland of nickel plated brass.
- Tempered glass, 10 mm thick.

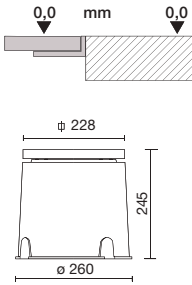
FLAT



NUOVO MATERIALE TERMOPLASTICO SUPER RESISTENTE
NEW THERMOPLASTIC MATERIAL SUPER RESISTANT



LED COB	Icone	LED							SISTEMA-SYSTEM		
		W	lm	V	K	CRI	T	W	lm	W	
LUCE SIMMETRICA - SYMMETRIC LIGHT E8132-LBC-S SPOT		17W	2500	220-240V (500mA)	3000	>80	45°	•	•	2213	110
Inox E8132-LBC-FL FLOOD		17W	2500	220-240V (500mA)	3000	>80	45°	•	•	2195	109
E8132-LBC-WF WIDE FLOOD		17W	2500	220-240V (500mA)	3000	>80	45°	•	•	1990	99
LUCE ASIMMETRICA - ASYMMETRIC LIGHT E8132-LBN-S SPOT		17W	2665	220-240V (500mA)	4000	>80	45°	•	•	2360	118
Inox E8132-LBN-FL FLOOD		17W	2665	220-240V (500mA)	4000	>80	45°	•	•	2120	117
E8132-LBN-WF WIDE FLOOD		17W	2665	220-240V (500mA)	4000	>80	45°	•	•	2341	106
LUCE ASIMMETRICA - ASYMMETRIC LIGHT E8132-LBC-AS		17W	2500	220-240V (500mA)	3000	>80	45°	•	•	1880	94
Inox E8132-LBN-AS		17W	2665	220-240V (500mA)	4000	>80	45°	•	•	2005	100



OP. ...-TSC TORX Viti di sicurezza - Safety screws
 A richiesta - On request: disponibile - available

ACC. 645230 Connettore IP68 ø da 7 a 10mm - IP68 connector ø from 7 to 10mm
 E960 Ventosa per rimuovere vetro - Glass remover



Anticorrosione per tutti gli apparecchi da esterno (1000 ore in nebbia salina secondo norma CEI EN 60068-2-11)
 Anti-corrosion for all outdoor fittings (1000 hours in salt spray according to standard CEI EN 60068-2-11)

*In fase di approvazione - Under approval



Velocità max carrabilità 5 km-h
 Drive-over max speed 5 km-h
 Carico statico 1000 kg
 Static load 1000 kg

OLODUM MAXI COB



- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Pressacavo in ottone nichelato PG13,5.
- Vetro temperato di spessore 10 mm.

- Body in die-cast aluminium with special powder treatment for outdoor use.
- Stainless steel (AISI 316) frame.
- PG13,5 nickel brass cable gland.
- Tempered glass 10 mm thick.

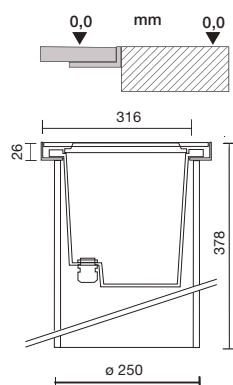


FLAT

LED COB	Inox	Beam Angle	Beam Angle	LED						SISTEMA-SYSTEM						
				W	lm	V	K	CRI	T	W	lm	lm/W				
	OLODUM MAXI															
		E8340-LBC-S	SPOT	20°	31W	4790	220-240V (900mA)	3000	>80	55°	•	•	35W	4240	121	
		E8340-LBC-FL	FLOOD	40°										4208	120	
		E8340-LBC-WF	WIDE FLOOD	60°										3805	109	
		E8340-LBN-S	SPOT	20°	31W	4900	220-240V (900mA)	4000	>80	55°	•	•	35W	4338	124	
		E8340-LBN-FL	FLOOD	40°										4305	123	
		E8340-LBN-WF	WIDE FLOOD	60°										3892	111	
		OLODUM FLAT MAXI TONDO														
			E8346-LBC-S	SPOT	20°	31W	4790	220-240V (900mA)	3000	>80	55°	•	•	35W	4240	121
			E8346-LBC-FL	FLOOD	40°										4208	120
			E8346-LBC-WF	WIDE FLOOD	60°										3805	109
			E8346-LBN-S	SPOT	20°	31W	4900	220-240V (900mA)	4000	>80	55°	•	•	35W	4338	124
		E8346-LBN-FL	FLOOD	40°	4305										123	
		E8346-LBN-WF	WIDE FLOOD	60°	3892										111	
		DALY														
			E8340LBC-SDA	SPOT	20°	31W	4790	220-240V (900mA)	3000	>80	55°	•	•	35W	4240	120
			E8340LBC-FLDA	FLOOD	40°										4208	120
			E8340LBC-WFDA	WIDE FLOOD	60°										3805	109
			E8340LBN-SDA	SPOT	20°	31W	4900	220-240V (900mA)	4000	>80	55°	•	•	35W	4338	124
		E8340LBN-FLDA	FLOOD	40°	4305										123	
		E8340LBN-WFDA	WIDE FLOOD	60°	3892										111	
		DALY														
			E8346LBC-SDA	SPOT	20°	31W	4790	220-240V (900mA)	3000	>80	55°	•	•	35W	4240	121
			E8346LBC-FLDA	FLOOD	40°										4208	120
			E8346LBC-WFDA	WIDE FLOOD	60°										3805	109
			E8346LBN-SDA	SPOT	20°	31W	4900	220-240V (900mA)	4000	>80	55°	•	•	35W	4338	124
		E8346LBN-FLDA	FLOOD	40°	4305										123	
		E8346LBN-WFDA	WIDE FLOOD	60°	3892										111	



LED COB		LED							SISTEMA-SYSTEM						
		W	lm	V	K	CRI	T	W	lm	lm/W					
OLODUM FLAT MAXI SQUARE															
		E8345-LBC-S	SPOT	20											
Inox		E8345-LBC-FL	FLOOD	40	31W	4790	220-240V (900mA)	3000	>80	55°	•	•	35W	4240	121
		E8345-LBC-WF	WIDE FLOOD	60									3805	109	
		E8345-LBN-S	SPOT	20									4338	124	
Inox		E8345-LBN-FL	FLOOD	40	31W	4900	220-240V (900mA)	4000	>80	55°	•	•	35W	4305	123
		E8345-LBN-WF	WIDE FLOOD	60									3892	111	
DIMMER 1+10V															
		E8345-LBC-SD	SPOT	20									4240	121	
Inox		E8345-LBC-FLD	FLOOD	40	31W	4790	220-240V (900mA)	3000	>80	55°	•	•	35W	4208	120
		E8345-LBC-WFD	WIDE FLOOD	60									3805	109	
		E8345-LBN-SD	SPOT	20									4338	124	
Inox		E8345-LBN-FLD	FLOOD	40	31W	4900	220-240V (900mA)	4000	>80	55°	•	•	35W	4338	124
		E8345-LBN-WFD	WIDE FLOOD	60									3892	111	
DALI															
		E8345LBC-SDA	SPOT	20									4240	121	
Inox		E8345LBC-FLDA	FLOOD	40	31W	4790	220-240V (900mA)	3000	>80	55°	•	•	35W	4208	120
		E8345LBC-WFDA	WIDE FLOOD	60									3805	109	
		E8345LBN-SDA	SPOT	20									4338	124	
Inox		E8345LBN-FLDA	FLOOD	40	31W	4900	220-240V (900mA)	4000	>80	55°	•	•	35W	4305	123
		E8345LBN-WFDA	WIDE FLOOD	60									3892	111	



5Kg

OP. ...-TSC TORX Viti di sicurezza - Safety screws

ACC. 645230 Connettore IP68 ø da 7 a 10mm - IP68 connector ø from 7 to 10mm

E960 Ventosa per rimuovere vetro - Glass remover

Griglia alveolare - Honeycomb



*In fase di approvazione - Under approval



Velocità max carrabilità 20 km-h
Drive-over max speed 20 km-h

Carico statico 2000 kg
Static load 2000 kg







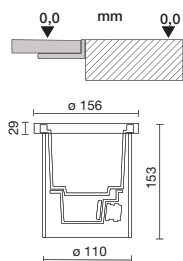
OLODUM MINI FULL GLASS COB

- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Vetro in cristallo extrachiaro temperato di spessore 10 mm completo di guarnizione in silicone.
- Completo di pozzetto in materiale termoplastico con cornice in acciaio Inox (AISI 316).
- Pressacavi per il collegamento in cascata in ottone nichelato PG11.



- Spot made of die-cast aluminium, powder coated with pretreatment for outdoor use.
- Flnishing tempered glass 10 mm thick and gasket of glass and cover in silicone rubber.
- External housing of thermoplastic material and stainless steel (AISI 316) ring.
- Cable gland PG11 of nickel plated brass with predisposition for through-wiring.

LED COB	E8384CTV-BC15 Inox E8384CTV-BC24 E8384CTV-BC40	E8384CTV-BN15 Inox E8384CTV-BN24 E8384CTV-BN40	LED				SISTEMA-SYSTEM						
			W	lm	V	K	W	lm	lm/W	CRI	T		
			12,3W	1040			>90	14,3W	896	62			
			12,9W	1430	350mA	3000	>80	14,9W	1207	81	55°	•	•
			12,9W	1340			>80	14,9W	1136	76			
			12,3W	1120			>90	14,3W	965	67			
			12,9W	1510	350mA	4000	>80	14,9W	1274	86	55°	•	•
			12,9W	1430			>80	12,9W	1194	80			



1,30



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED
 644759-1 ON-OFF 15W IP20 350mA
 J350-68-LED ON-OFF 15W IP68 350mA
 646258-67 ON-OFF 13W IP67 350mA



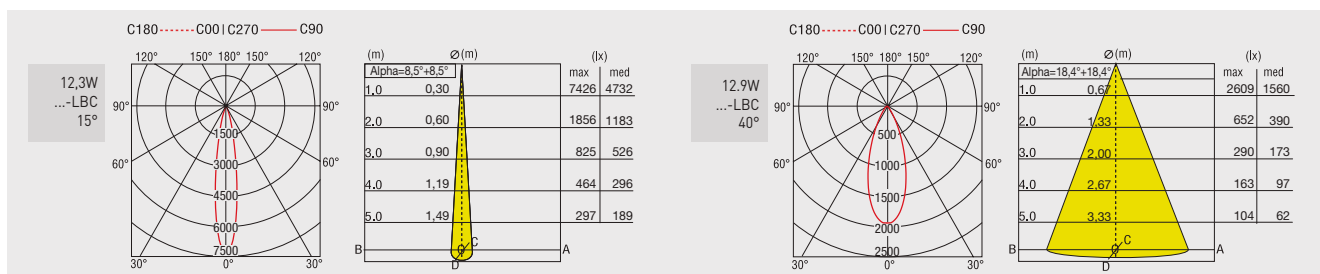
ACC. 645230 Connettore IP68 ø da 7 a 10mm - IP68 connector ø from 7 to 10mm
 E960 Ventosa per rimuovere vetro - Glass remover



INCASSI DA INTERRARE • INGROUND



outside



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color





OLODUM MINI-MIDI FULL GLASS

- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Vetro in cristallo extrachiaro temperato di spessore 10 mm completo di guarnizione in silicone.
- Completo di pozzetto in materiale termoplastico con cornice in acciaio Inox (AISI 316).
- Pressacavi per il collegamento in cascata in ottone nichelato PG11.



- Spot made of die-cast aluminium, powder coated with pretreatment for outdoor use.
- Finishing tempered glass 10 mm thick and gasket of glass and cover in silicone rubber.
- External housing of thermoplastic material and stainless steel (AISI 316) ring.
- Cable gland PG11 of nickel plated brass with predisposition for through-wiring.

	LED						SISTEMA-SYSTEM				
	W	lm	V	K	CRI	T	W	lm	lm/W		
<p>OLODUM MINI FULL GLASS</p> <ul style="list-style-type: none"> - E8380TV-LBI23 - E8380TV-LBL23 * A richiesta: apertura fascio 10° - 25° On request: light beam 10° - 25° <p>1,30 Kg</p>	tot. 3W 25 LED SMD	-	220-240V	5400	>80	45°	•	-	3W	40	13
<ul style="list-style-type: none"> - E8384-TV-LBC - E8384-TV-LBI - E8384-TV-LBL <p>40</p>	410	510	700mA	3000	6000	>80	52°	•	7,5W	464	62
	-	-	-	470nm	-	-	-	-	-	-	-

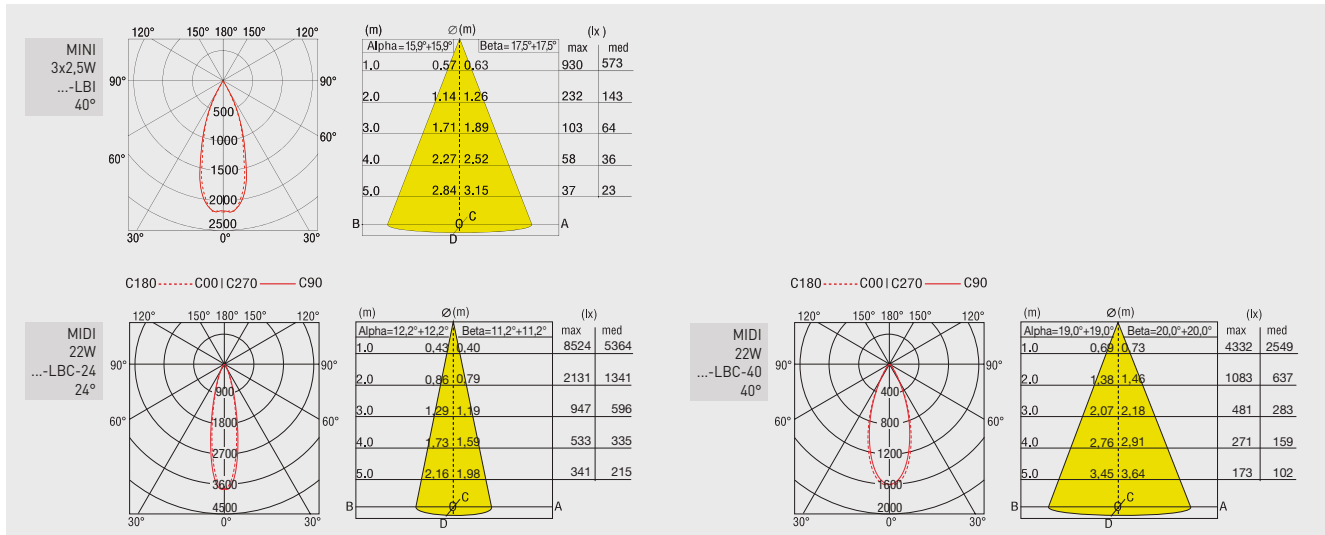
	LED						SISTEMA-SYSTEM					
	W	lm	V	K	CRI	T	W	lm	lm/W			
<p>OLODUM MIDI FULL GLASS</p> <ul style="list-style-type: none"> - E8267TVLBC-24 - E8267TVLBN-24 - E8267TVLBC-40 - E8267TVLBN-40 <p>3,40 Kg</p>	26W	2760	220-240V	3000	4000	>80	65°	•	•	30W	2126	71
	26W	2900	220-240V	3000	4000	>80	65°	•	•	30W	2234	74
	26W	2650	220-240V	3000	4000	>80	65°	•	•	30W	2106	70
	26W	2780	220-240V	3000	4000	>80	65°	•	•	30W	2210	74

OP. E....LGI = LED giallo-yellow E....LRO = LED rosso-red E....LVE = LVE verde-green
 ...-TSC TORX Viti di sicurezza - Safety screws

ACC. 645230 Connettore IP68 ø da 7 a 10mm - IP68 connector ø from 7 to 10mm
 E960 Ventosa per rimuovere vetro - Glass remover

Carico statico 1000 kg
 Static load 1000 kg

outside







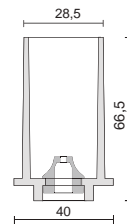
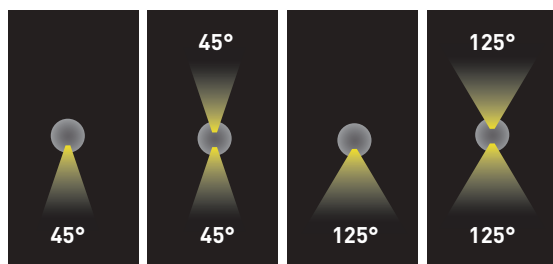
EYES COVER



- Corpo e calotta in acciaio Inox (AISI 316L).
 - Finitura: Lucidato.
 - Guarnizioni in gomma siliconica.
 - Vetro temperato extra chiaro.
 - Vite premi guarnizione in ottone nichelato.
 - In dotazione cavo 2x0,5mmq lunghezza 500mm.
 - Led durata utile: 50.000 (h) L80 B10.
- Body and cap made of (AISI 316L) stainless steel.
 - Finishing: Polished.
 - Silicone rubber gaskets.
 - Extra Light tempered glass.
 - Packing nut of nickel-plated brass.
 - Supplied cable 2x0,5sqmm length 500mm.
 - Led life: 50.000 (h) L80 B10.

		45°	125°	W	lm	V	K	CRI	T	!	!
	MONO EMISSIONE - MONO EMISSION										
	Inox	E875-LBC	E877-LBC	1,5W	145	500mA	3000	>80	-	•	-
	Inox	E875-LBN	E877-LBN	1,5W	155	500mA	4000	>80	-	•	-
		E875-LBI	E877-LBI	1,5W	165	500mA	6000	>80	-	•	-
	DOPPIA EMISSIONE - DOUBLE EMISSION										
	Inox	E876-LBC	E878-LBC	1,5W	145	500mA	3000	>80	-	•	-
	Inox	E876-LBN	E878-LBN	1,5W	155	500mA	4000	>80	-	•	-
		E876-LBI	E878-LBI	1,5W	165	500mA	6000	>80	-	•	-
	ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED										
	646258-67	ON-OFF	13W	IP67	350mA						
	644758	ON-OFF	6W	IP20	350mA						
	644759-1	ON-OFF	15W	IP20	350mA						
	J350-68-LED	ON-OFF	15W	IP68	350mA						
	644940	ON-OFF	12W	IP40	700mA						
	644940-67	ON-OFF	10W	IP67	700mA						
	644936	ON-OFF	25W	IP40	700mA						
	644936-67	ON-OFF	25W	IP67	700mA						

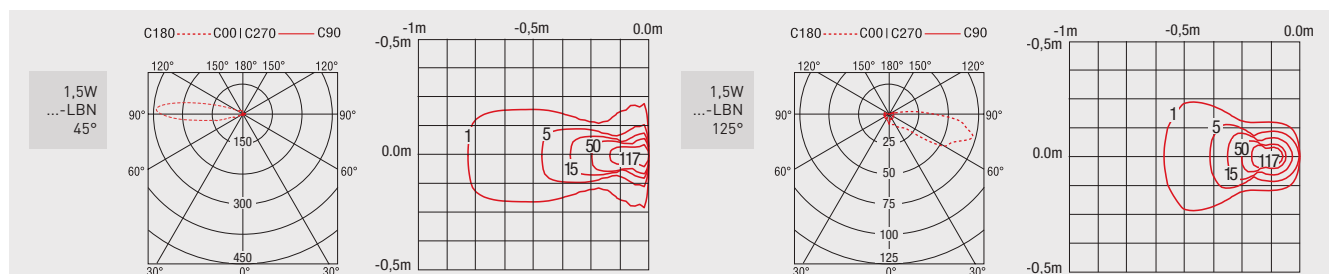
		KIT APPARECCHIO + ALIMENTATORE - FITTING + DRIVER										
	MONO EMISSIONE - MONO EMISSION											
	Inox	KTE875-LBC	KTE877-LBC	2,5W	145	220-240V	3000	>80	-	•	-	
	Inox	KTE875-LBN	KTE877-LBN	2,5W	155	500mA	4000	>80	-	•	-	
		KTE875-LBI	KTE877-LBI	2,5W	165	500mA	6000	>80	-	•	-	
	DOPPIA EMISSIONE - DOUBLE EMISSION											
	Inox	KTE876-LBC	KTE878-LBC	2,5W	145	220-240V	3000	>80	-	•	-	
	Inox	KTE876-LBN	KTE878-LBN	2,5W	155	500mA	4000	>80	-	•	-	
		KTE876-LBI	KTE878-LBI	2,5W	165	500mA	6000	>80	-	•	-	
	ACC. 186-3 Cassafirma per incasso - Housing for recessed											



*Solo apparecchio - Only fitting



outside



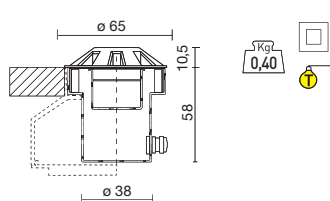
ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color

OLODUM MICRO COVER/MICRO PASS



- Corpo in acciaio Inox.
- Viterie in acciaio Inox.
- Guarnizioni in gomma silconica.
- Schermo diffusore in metacrilato (Micro Pass).
- Calotta per diffusione radiale in pressofusione di alluminio a 8 cave (Micro Cover).
- Copertura in acciaio Inox lucidata (Micro Pass).
- Doppia verniciatura in polveri con pretrattamento speciale per esterni.
- Cassaforma di contenimento in PA (da ordinare a parte).
- Pressacavo in ottone nichelato PG7 (diametro cavi utilizzabili 5÷7 mm).

- Body of stainless steel.
- Stainless steel screws.
- Silicon rubber gaskets.
- Methacrylate diffuser (Micro Pass).
- Die-cast aluminium canopy for radial diffusion with 8 openings (Micro Cover)
- Inox steel canopy (Micro Pass).
- Double painted powder coated with outdoor special treatment.
- External housing made of PA (to be ordered separately).
- PG7 nickel brass cable gland (use cables diameter 5÷7 mm).



MICRO COVER

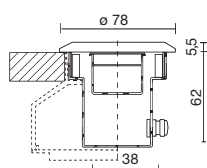
BORDER CON LED A LUCE RADENTE - LED RAZING LIGHT

Gr	E8392-LBI	1,5W	-	220-240V	5600	>80	36°	•	-
	E8392-LBL	8 LED SMD	-		-				



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

646258-67	ON-OFF	13W	IP67	350mA
644758	ON-OFF	6W	IP20	350mA
644759-1	ON-OFF	15W	IP20	350mA
J350-68-LED	ON-OFF	15W	IP68	350mA
644940	ON-OFF	12W	IP40	700mA
644940-67	ON-OFF	10W	IP67	700mA
644936	ON-OFF	25W	IP40	700mA
644936-67	ON-OFF	25W	IP67	700mA



MICRO PASS

INCASO DA SEGNALAZIONE - RECESSED FOR SIGNAL

	E8394-VD-LRO	-	-	-	-	-	-	-	-
-	E8394-VD-LBC	1x1,2W	70-195	350mA	3000	>80	36°	•	-
-	E8394-VD-LBN	1x2,5W	109-195	700mA	4000				
	E8394-VD-LBL	-	-	-	-	-	-	-	-
-	E8394-VD-RGB	1x3,5W	-	350mA		>80	36°	•	-

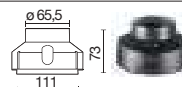
■ Il parametro più basso si riferisce sempre alla potenza inferiore
The lowest value is always referred to the lowest watt

OP. A richiesta apparecchio con alimentazione a 24V - On request power supply 24V

...-TSC TORX Viti di sicurezza - Safety screws



ACC. 185 Cassaforma per incasso - Housing for recessed



645230 Connettore IP68 ø da 7 a 10mm - IP68 connector ø from 7 to 10mm



IK 10
IP 67



Carico statico 500 kg
Static load 500 kg

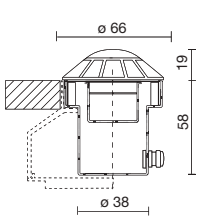
outside



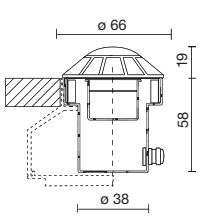
OLODUM MICRO COVER AL

- Corpo Inox (AISI 316L).
- Calotta in alluminio pressofuso.
- Doppia verniciatura in polveri poliesteri.
- Diffusore in policarbonato anti-UV.
- Cassaforma di contenimento in PA (da ordinare a parte).
- Pressacavo in ottone nichelato PG7 (diametro cavi utilizzabili 5÷7 mm).
- Viti in acciaio Inox.

- Body of inox (AISI 316L).
- Die-cast aluminium cover.
- Double powder coated painting.
- Anti-UV polycarbonate diffuser.
- Housing made of PA (not included).
- PG7 nickel brass cable gland (use cables diameter 5÷7 mm).
- Inox steel screws.



RADIALE CON POWERLED - POWERLED RADIAL										
Gr	E8399-LBC		70		350mA	3000				
	E8399-LBN	1x1,2W	109			4000	>80	-	•	•
	E8399-LBL		-			470nm				



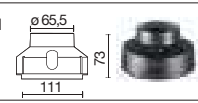
MONO EMISSIONE CON POWERLED - POWERLED MONO EMISSION										
Gr	E8399-1-LBC		70		350mA	3000				
	E8399-1-LBN	1x1,2W	109			4000	>80	-	•	•
	E8399-1-LBL		-			470nm				



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED					
644758	ON-OFF		6W	IP20	350mA
646258-67	ON-OFF		13W	IP67	350mA
644759-1	ON-OFF		15W	IP20	350mA
J350-68-LED	ON-OFF		15W	IP68	350mA

OP. ...-TSC TORX Viti di sicurezza - Safety screws

ACC. 185 Cassaforma per incasso - Housing for recessed



645230 Connettore IP68 Ø da 7 a 10mm - IP68 connector Ø from 7 to 10mm 82



INCASSI DA INTERRARE • INGROUND



Carico statico 2000 kg Static load 2000 kg Velocità max carrabilità 5 Km-h Driver-over max speed 5Km-h







OLODUM MINI COVER AL



- Corpo e calotta in pressofusione di alluminio.
- Doppia verniciatura in polveri poliestere con pretrattamento speciale per esterni.
- Uscita luce mono-bi-radiale.
- Diffusore in vetro stampato.
- Cassaforma di contenimento in PA.
- Pressacavo in ottone nichelato PG11.

- Body and cover made of die-cast aluminium.
- Double powder coated painting with outdoor special treatment.
- Mono-bi-radial diffusion.
- Printed glass diffuser.
- Housing made of PA.
- PG11 cable gland of nickel plated brass.

	W	lm	V	K	CRI	T		
MONO EMISSIONE CON POWERLED - POWERLED MONO EMISSION								
 ø 130 27 180 ø 150	Gr	E8396-LBC	120		3000			
		E8396-LBN	130	220-240V	4000	>80	-	•
		E8396-LBI	140	(500mA)	6000			•
		E8396-LBL	-		470nm			
DOPPIA EMISSIONE CON POWERLED - POWERLED DOUBLE EMISSION								
 ø 150 180	Gr	E8397-LBC	120		3000			
		E8397-LBN	130	220-240V	4000	>80	-	•
		E8397-LBI	140	(500mA)	6000			•
		E8397-LBL	-		470nm			
RADIALE CON POWERLED - POWERLED RADIAL								
 ø 105 100	Gr	E8398-LBC	120		3000			
		E8398-LBN	130	220-240V	4000	>80	-	•
		E8398-LBI	140	(500mA)	6000			•
		E8398-LBL	-		470nm			



Possibilità di sfilare il fondo della cassaforma
 Possibility to take off the bottom

OP.	...-TSC TORX Viti di sicurezza - Safety screws
ACC.	645230 Connettore IP68 ø da 7 a 10mm - IP68 connector ø from 7 to 10mm 82

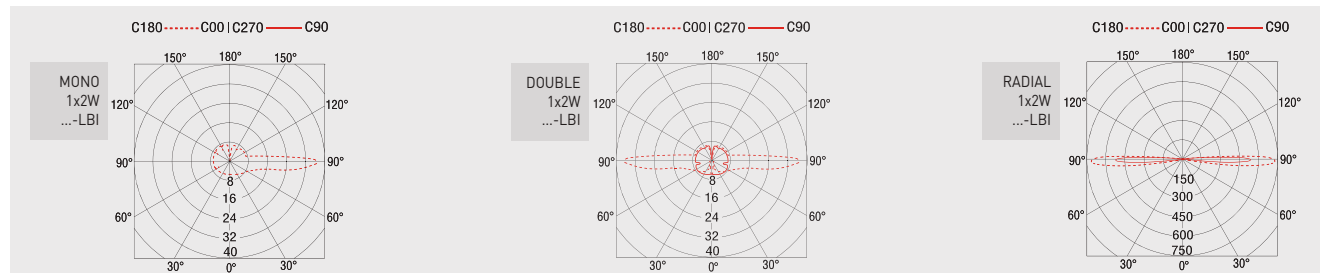
IK 10

IP 67



Carico statico 2000 kg Static load 2000 kg
 Velocità max carrabilità 5 Km-h Driver-over max speed 5Km-h

outside



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color





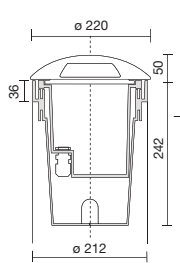
OLODUM STANDARD COVER

- Apparecchi con calotta e corpo in alluminio, verniciato in polveri epossidiche con pretrattamento speciale per interni.
- Diffusore in vetro sabbato temperato.
- Pressacavo in ottone nichelato PG 13,5 .
- Viterie in acciaio Inox.
- Guarnizioni in gomma siliconica.

- Die-cast aluminium cover and body, epoxy powder coated with pretreatment for outdoor use.
- PG 13,5 cable gland of nickel plated brass.
- Stainless steel screws.
- Silicon rubber gaskets.



	LED							SISTEMA-SYSTEM		
	W	lm	V	K	CRI	T	IP	W	lm	lm/W
 MONO EMISSIONE CON POWERLED POWERLED MONO EMISSION E8202-LBC E8202-LBN E8202-LBI 3Kg 3,00	6x1,2W	650	220-240V (350mA)	3000 4000 6000	>80	-	•	8,2W	104	13
 DOPPIA EMISSIONE CON POWERLED POWERLED DOUBLE EMISSION E8203-LBC E8203-LBN E8203-LBI 3Kg 3,00	12x1,2W	1300	220-240V (350mA)	3000 4000 6000	>80	-	•	16,4W	198	12



- OP. ...-TSC TORX Viti di sicurezza - Safety screws
- ACC. 645230 Connettore IP68 ø da 7 a 10mm - IP68 connector ø from 7 to 10mm 82

INCASSI DA INTERRARE • INGROUND

	Carico statico 2000 kg Static load 2000 kg Velocità max carrabilità 5 Km-h Driver-over max speed 5Km-h	
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LI-LED



- Corpo in estruso di alluminio anodizzato.
- Viti in acciaio Inox.
- Guarnizioni in gomma siliconica.
- Vetro di protezione trasparente serigrafato spessore 8 mm.
- Cavo di alimentazione 2x0,75 lunghezza 1 m.
- Pressacavo in ottone nichelato PG7.



- Extruded aluminium body anodized.
- Inox screws.
- Silicon rubber gaskets.
- Transparent glass protection with serigraphy thickness 8 mm.
- Cable 2x0,75 length 1 m. supplied.
- Cable gland of nickel plated brass PG7.

	Als E9053-LBC E9053-LBI E9053-LBL	<table border="1"> <tr> <td>1x3W</td> <td>150 245 -</td> <td>220-240V (350mA)</td> <td>3000 6000 470nm</td> <td>>80</td> <td>57°</td> <td>•</td> <td>-</td> </tr> </table>	1x3W	150 245 -	220-240V (350mA)	3000 6000 470nm	>80	57°	•	-
1x3W	150 245 -	220-240V (350mA)	3000 6000 470nm	>80	57°	•	-			



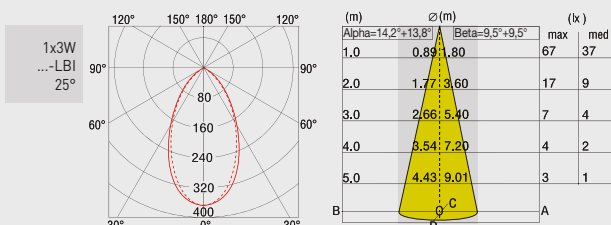
*Solo apparecchio - Only fitting



Carico statico 500 kg
Static load 500 kg



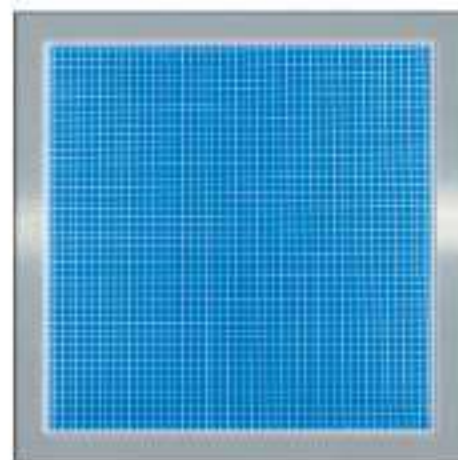
C180-----C00| C270 ----- C90



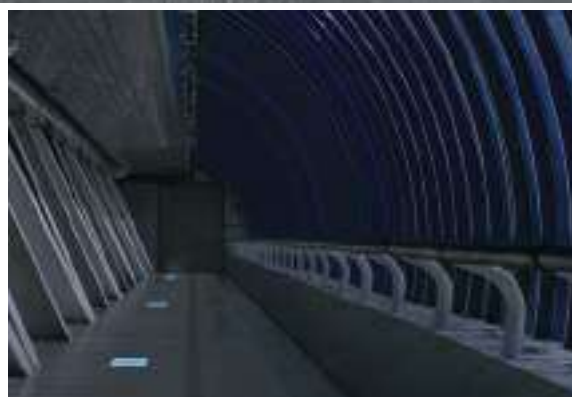
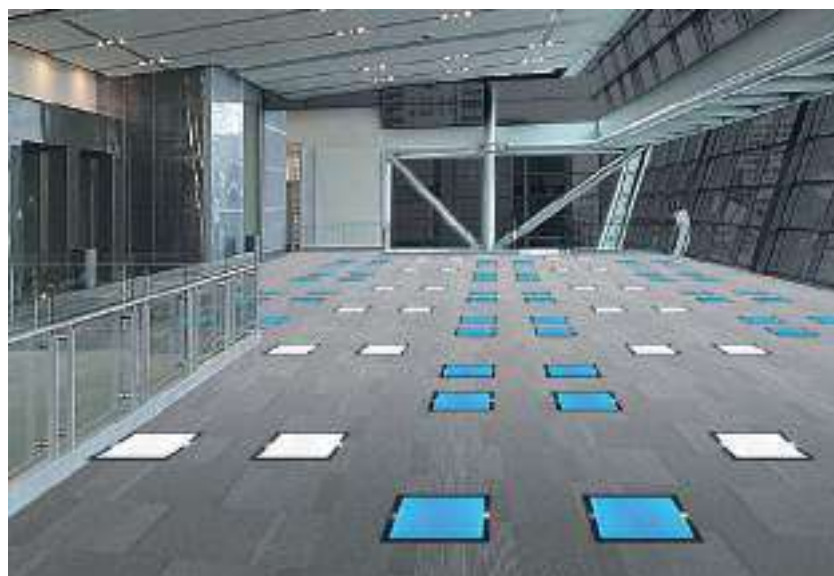


- Cornice in acciaio Inox spazzolato.
- Fondo verniciato color bianco.
- Vetro di protezione temperato e molato spessore 6 mm.
- Lastra in metacrilato incisa a laser spessore 4 mm.
- Non adatto per collegamento tipo DMX o DALI.

- Back plate in white colour finish.
- Front frame in brushed stainless steel.
- Frosted tempered protection glass thickness 6 mm.
- PMMA plate laser etching thickness 4 mm.
- Not suitable for DMX and DALI system.



	Inox	QR30-LBI QR30-LBL	tot. 14W	-	24Vdc	5000 -	>80	-	•	-
		2,20								
	Inox	QR30-RGB	tot. 24W	-	24Vdc		>80	-	•	-



INCASSI DA INTERRARE • INGROUND

Carico statico 500 kg
 Static load 500 kg



ANDROS

ANDROS

ANDROS

ANDROS

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ANDROS

ANDROS...SALDI...

SALDI SALDI SALDI



- Corpo in estruso di alluminio anodizzato, cornice in acciaio Inox (AISI 316) satinato.
- Cassaforma in acciaio Inox.
- Vano ottico: recuperatore di flusso in alluminio.
- Equipaggiamento: vetro di protezione temperato, spessore 6 mm cavo di alimentazione lunghezza 1 m., pressacavo in ottone nichelato PG7.

- Anodised aluminium body, stainless steel satined frame.
- Stainless steel recessed housing.
- Optic: satin aluminium reflector.
- Equipment: transparent protection glass, thickness 6 mm cable length 1 m., cable gland PG7 in nickel brass.



VS Vetro sabbiato - Frosted Glass
VT Vetro trasparente - Transparent Glass

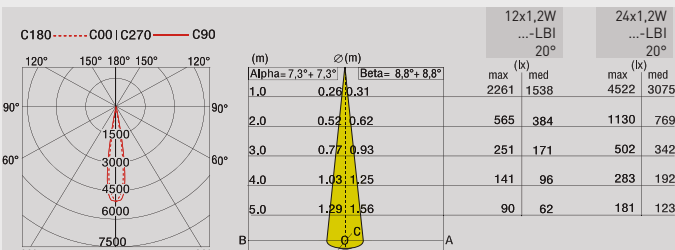
	LED	SISTEMA-SYSTEM									
		W	lm	V	K	CRI	T	W	lm	lm/W	
VERSIONE CORTA - SHORT VERSION											
VS Inox E9051-LBC	tot. 1,5W 18 LED SMD	64 65	220-240V 12Vdc	3000 4000	>70	30°	•	-	2,5W	51 52	20 21
VT Inox E9050-LBC	tot. 7W 600	550 600	220-240V (350mA)	3000 4000	>80	45°	•	-	8W	333 363	42 45
IP 20 Alimentatore remoto in dotazione Remote driver supplied IP 67 A richiesta codice 645311-67 On request code 645311-67											
VT Inox E9052-LBC	11,2W	1360 1450	220-240V 24Vdc	3000 4000	>80	-	•	-	13,2W	1006 1073	76 81
VS Inox E9051-RGB	tot. 3,5W 15 LED SMD	-	24Vdc			35°	•	-	-	-	-
VERSIONE LUNGA - LONG VERSION											
VS Inox E9061-LBC	tot. 3W 36 LED SMD	128 130	220-240V 12Vdc	3000 4000	>70	35°	•	-	4W	102 104	25 26
VT Inox E9060-LBC	tot. 14W 1200	1100 1200	220-240V (350mA)	3000 4000	>80	45°	•	-	16W	666 726	42 45
IP 20 Alimentatore remoto in dotazione Remote driver supplied IP 67 A richiesta codice 645367 On request code 645367											
VT Inox E9062-LBC	22,4W	2720 2900	220-240V 24Vdc	3000 4000	>80	-	•	-	25,4W	2022 2155	80 85
VS Inox E9061-RGB	tot. 7W 30 LED SMD	-	24Vdc			40°	•	-	-	-	-

*Solo apparecchio - Only fitting

IK 07
IP 67



Carico statico 500 kg
 Static load 500 kg







- Corpo in estruso di alluminio anodizzato.
- Cornice in acciaio Inox (AISI 316) satinato, cassaforma in acciaio Inox (AISI 316).
- Guarnizioni in gomma siliconica.
- Testate in alluminio pressofuso fosfocromatate e verniciate.
- Vetro temperato di spessore 10 mm trasparente.
- Cavo di alimentazione lunghezza 1 m. collegato all'apparecchio.



- Extruded aluminium body anodized.
- Frame in Inox (AISI 316) brushed, ground-wall housing in Inox (AISI 316).
- Silicon rubber gasket.
- End caps of die-cast aluminium, painted with phosphorchrome treatment.
- Tempered glass 10 mm thick, transparent.
- Power cable 1 m. length connected to the fitting.

	L (mm)	LED				SISTEMA-SYSTEM						
		W	lm	V	K	CRI	T	IP	W	lm	lm/W	
<p>Con telaio di finitura in battuta With smooth finishing frame</p> <p>STANDARD</p>	Inox E8941-LBC E8941-LBN	375	12x1,2W 970 1050	220-240V 24Vdc	3000 4000	>80	38°	•	-	16W	873 945	54 59
	Inox E8951-LBC E8951-LBN	935	36x1,2W 2900 3150	220-240V 24Vdc	3000 4000	>80	42°	•	-	46W	2360 2550	51 55
	Inox E8957-LBC E8957-LBN	1236	48x1,2W 3870 4200	220-240V 24Vdc	3000 4000	>80	42°	•	-	60W	3490 3780	58 63
	Inox E8958-LBC E8958-LBN	1536	60x1,2W 4800 5250	220-240V 24Vdc	3000 4000	>80	42°	•	-	74W	4365 4725	59 64
<p>Con telaio di finitura a filo With flush finishing frame</p> <p>FLAT</p>	Inox E8946-LBC E8946-LBN	380	12x1,2W 970 1050	220-240V 24Vdc	3000 4000	>80	38°	•	-	16W	873 945	54 59
	Inox E8956-LBC E8956-LBN	940	36x1,2W 2900 3150	220-240V 24Vdc	3000 4000	>80	42°	•	-	46W	2360 2550	51 55
	Inox E8942-LBC E8942-LBN	1240	48x1,2W 3870 4200	220-240V 24Vdc	3000 4000	>80	42°	•	-	60W	3490 3780	58 63
	Inox E8943-LBC E8943-LBN	1540	60x1,2W 4850 5250	220-240V 24Vdc	3000 4000	>80	42°	•	-	74W	4365 4725	59 64

OP. *A richiesta - On request: apertura fascio - light beam

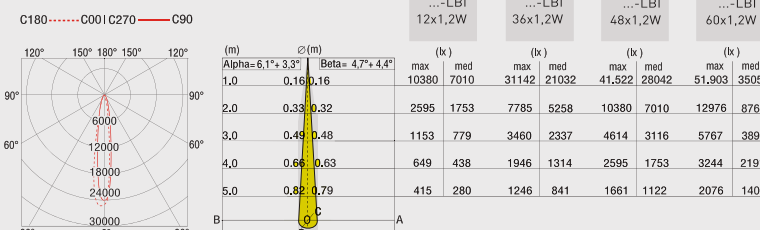
A richiesta - On request: disponibile - available

ACC. 645230 Connettore IP68 Ø da 7 a 10mm - IP68 connector Ø from 7 to 10mm

▲ Solo apparecchio - Only fitting



Carico statico 500 kg
static load 500 kg







- Corpo in estruso di alluminio anodizzato.
- Cornice in acciaio Inox (AISI 316) satinato, cassaforma in acciaio Inox (AISI 316).
- Guarnizioni in gomma silconica.
- Testate in alluminio pressofuso fosfocromatate e verniciate.
- Vetro temperato di spessore 10 mm sabbaiato.
- Cavo di alimentazione lunghezza 1 m. collegato all'apparecchio.



- Extruded aluminium body anodized.
- Frame in Inox (AISI 316) brushed, housing in Inox (AISI 316).
- Silicon rubber gasket.
- End caps of die-cast aluminium, painted with phosphorchrome treatment.
- Tempered glass 10 mm thick, frosted.
- Power cable 1 m. length connected to the fitting.

	L (mm)	LED						SISTEMA-SYSTEM			
		W	lm	V	K	CRI	T	W	lm	lm/W	
STANDARD Con telaio di finitura in battuta With smooth finishing frame 											
Inox E8900-LBC E8900-LBN	375	tot. 1,5W 18 LED SMD	64 65	220-240V 12Vdc	3000 4000	>70	32°	•	-	2,5W 46 47	18 19
Inox E8910-LBC E8910-LBN	375	tot. 3W 36 LED SMD	128 129	220-240V 12Vdc	3000 4000	>70	35°	•	-	4W 92 93	23 23
Inox E8920-LBC E8920-LBN	935	tot. 4W 48 LED SMD	173 176	220-240V 12Vdc	3000 4000	>70	38°	•	-	5W 125 129	25 26
Inox E8930-LBC E8930-LBN	935	tot. 8W 96 LED SMD	341 346	220-240V 12Vdc	3000 4000	>70	42°	•	-	9W 246 250	27 28
FLAT Con telaio di finitura a filo With flush finishing frame 											
Inox E8905-LBC E8905-LBN	380	tot. 1,5W 18 LED SMD	64 65	220-240V 12Vcc	3000 4000	>70	32°	•	-	2,5W 46 47	18 19
Inox E8915-LBC E8915-LBN	380	tot. 3W 36 LED SMD	128 129	220-240V 12Vcc	3000 4000	>70	35°	•	-	4W 92 93	23 23
Inox E8925-LBC E8925-LBN	940	tot. 4W 48 LED SMD	173 176	220-240V 12Vcc	3000 4000	>70	38°	•	-	5W 125 127	25 26
Inox E8935-LBC E8935-LBN	940	tot. 8W 96 LED SMD	341 346	220-240V 12Vcc	3000 4000	>70	42°	•	-	9W 246 250	27 28

ACC. 645230 Connettore IP68 Ø da 7 a 10mm - IP68 connector Ø from 7 to 10mm



Carico statico 500 kg
static load 500 kg







- Corpo in estruso di alluminio anodizzato.
- Cornice in acciaio Inox (AISI 316) satinato, cassaforma in acciaio Inox (AISI 316).
- Guarnizioni in gomma silconica.
- Testate in alluminio pressofuso fosfocromatate e verniciate.
- Vetro temperato di spessore 10 mm trasparente.
- Cavo alimentazione lunghezza 1m.

- Extruded aluminium body anodized.
- Frame in Inox (AISI 316) brushed, ground-wall housing in Inox (AISI 316).
- Silicon rubber gasket.
- End caps of die-cast aluminium, painted with phosphorchrome treatment.
- Tempered glass 10 mm thick, transparent.
- Power cable lenght 1m.



	L (mm)	LED						SISTEMA-SYSTEM		
		W	lm	V	K	CRI	T	W	lm	lm/W
STANDARD Con telaio di finitura in battuta With smooth finishing frame										
 105 85 57 108 110	 3,40 Inox E8941-LBC-6 E8941-LBN-6	375	6x1,2W 480 520	220-240V 3000 (350mA)	4000	>80	-	8W	438 472	55 59
	 8,20 Inox E8951-LBC-18 E8951-LBN-18	935	18x1,2W 1440 1560	220-240V 3000 (350mA)	4000	>80	-	24W	1315 1420	55 59
	 9,20 Inox E8957-LBC-24 E8957-LBN-24	1236	24x1,2W 1920 2080	220-240V 3000 (350mA)	4000	>80	-	32W	1750 1890	55 59
	 9,50 Inox E8958-LBC-30 E8958-LBN-30	1536	30x1,2W 2400 2600	220-240V 3000 (350mA)	4000	>80	-	39W	2186 2362	56 60
	 9,50 Inox E8958-RGB-30	1536	30x1,2W -	220-240V 3000 (350mA)				-	-	-
FLAT Con telaio di finitura a filo With flush finishing frame										
 103 108 57 110 L	 3,40 Inox E8946-LBC-6 E8946-LBN-6	380	6x1,2W 480 520	220-240V 3000 (350mA)	4000	>80	-	8W	438 472	55 59
	 8,20 Inox E8956-LBC-18 E8956-LBN-18	940	18x1,2W 1440 1360	220-240V 3000 (350mA)	4000	>80	-	24W	1315 1420	55 59
	 9,20 Inox E8942-LBC-24 E8942-LBN-24	1240	24x1,2W 1920 2080	220-240V 3000 (350mA)	4000	>80	-	32W	1750 1890	55 59
	 9,50 Inox E8943-LBC-30 E8943-LBN-30	1540	30x1,2W 2400 2600	220-240V 3000 (350mA)	4000	>80	-	39W	2186 2362	56 60
	 9,50 Inox E8943-RGB-30	1540	30x1,2W -	220-240V 3000 (350mA)				-	-	-

OP. *A richiesta - On request: apertura fascio - light beam

A richiesta - On request: disponibile - available

ACC. 645230 Connettore IP68 Ø da 7 a 10mm - IP68 connector Ø from 7 to 10mm

Carico statico 500 kg
 static load 500 kg







LONGLIGHT ECO ASIMMETRICO

- Corpo in estruso di alluminio anodizzato.
- Cornice in acciaio Inox (AISI 316) satinato, cassaforma in acciaio Inox (AISI 316).
- Guarnizioni in gomma siliconica.
- Testate in alluminio pressofuso fosfocromatate e verniciate.
- Vetro temperato di spessore 10 mm trasparente.

- Extruded aluminium body anodized.
- Frame in Inox (AISI 316) brushed, ground-wall housing in Inox (AISI 316).
- Silicon rubber gasket.
- End caps of die-cast aluminium, painted with phosphochrome treatment.
- Tempered glass 10 mm thick, transparent.



	L (mm)	LED						SISTEMA-SYSTEM					
		W	lm	V	K	CRI	T	W	lm	lm/W			
<p>Con telaio di finitura in battuta With smooth finishing frame</p> <p>105 85 57 108 110</p>	STANDARD												
	<p>2,20 Kg</p>	Inox E8941AS-LBC-6	375	6x1,2W	670	220-240V (350mA)	3000	>80	-	-	8W	600	75
		Inox E8941AS-LBN-6			700		4000					627	78
		Inox E8941AS-LBI-6			730		6000					654	82
	<p>5,50 Kg</p>	Inox E8951AS-LBC18	935	18x1,2W	2010	220-240V (350mA)	3000	>80	-	-	24W	1800	75
		Inox E8951AS-LBN18			2100		4000					1880	78
		Inox E8951AS-LBI18			2190		6000					1960	82
	<p>7,30 Kg</p>	Inox E8957AS-LBC24	1236	24x1,2W	2680	220-240V (350mA)	3000	>80	-	-	32W	2400	76
		Inox E8957AS-LBN24			2800		4000					2509	78
		Inox E8957AS-LBI24			2920		6000					2616	82
<p>9,20 Kg</p>	Inox E8958AS-LBC-30	1536	30x1,2W	3350	220-240V (350mA)	3000	>80	-	-	39W	3000	77	
	Inox E8958AS-LBN-30			3500		4000					3136	80	
	Inox E8958AS-LBI-30			3650		6000					3270	84	
<p>Con telaio di finitura a filo With flush finishing frame</p> <p>103 108 110</p>	FLAT												
	<p>2,30 Kg</p>	Inox E8946AS-LBC-6	380	6x1,2W	670	220-240V (350mA)	3000	>80	-	-	8W	600	75
		Inox E8946AS-LBN-6			700		4000					627	78
		Inox E8946AS-LBI-6			730		6000					654	82
	<p>5,60 Kg</p>	Inox E8956AS-LBC18	940	18x1,2W	2010	220-240V (350mA)	3000	>80	-	-	24W	1800	75
		Inox E8956AS-LBN18			2100		4000					1880	78
		Inox E8956AS-LBI18			2190		6000					1960	82
	<p>7,40 Kg</p>	Inox E8942AS-LBC24	1240	24x1,2W	2680	220-240V (350mA)	3000	>80	-	-	32W	2400	76
		Inox E8942AS-LBN24			2800		4000					2509	78
		Inox E8942AS-LBI24			2920		6000					2616	82
<p>9,30 Kg</p>	Inox E8943AS-LBC-30	1540	30x1,2W	3350	220-240V (350mA)	3000	>80	-	-	39W	3000	77	
	Inox E8943AS-LBN-30			3500		4000					3136	80	
	Inox E8943AS-LBI-30			3650		6000					3270	84	
<p>9,30 Kg</p>	Inox E8943AS-RGB30	1540	30x1,2W	-	220-240V (350mA)	-	-	-	-	-	-	-	

OP. A richiesta - On request: disponibile - available

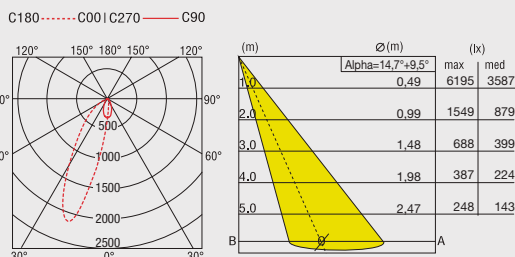
ACC. 645230 Connettore IP68 Ø da 7 a 10mm - IP68 connector Ø from 7 to 10mm

IK09
IP67



Carico statico 500 kg
static load 500 kg

outside







APPARECCHI PER IMMERSIONE • UNDERWATER



493
SUBWATER 140/
COB



495
SUBWATER 175



497
MINI SUB
COLOR TKT
IN RGBW



499
PAR 56 TKF
POWER



500
MINI TKF
M4-37W



501
MINI SUB TKF



502
PAR 56 COLOR
TKT RGBW
POWER



503
PAR 56 COLOR
TKT RGBW
PLUS



504
MINI COLOR
TKT RGBW



505
MINI SUB
COLOR TKT
RGBW



506
SUBMARINER
140



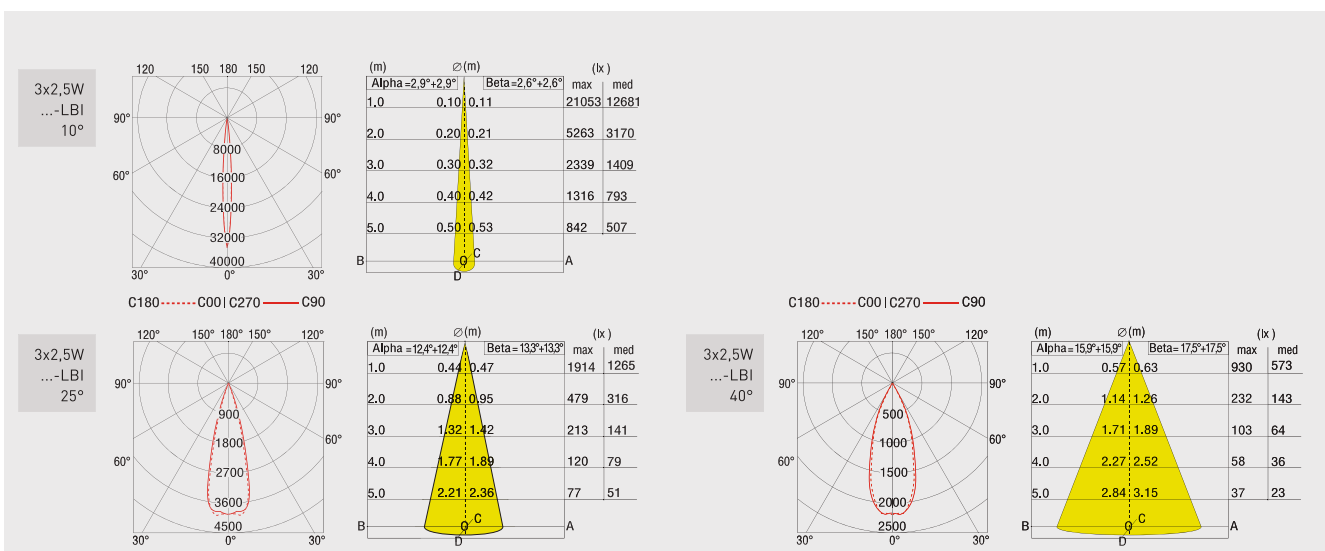
507
SUBMARINER
175



509
SUBMARINER
240



IP 68
outside





SUBWATER 140

LED COB

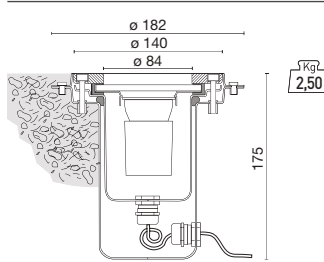


- Adatto per illuminazione di vasche, fontane, piscine.
 - Profondità di installazione 3 m. max.
 - Cavo di alimentazione lunghezza 5 m. collegato.
 - Manutenzione senza svuotamento della vasca.
 - Corpo e cassaforma in acciaio Inox anticorrosione (AISI 316) satinato e rivestito con layer di protezione contro l'ossidazione.
 - Vetro temperato ad alto spessore.
 - N.B. L'apparecchio non è adatto all'immersione in acqua marina.
- Suitable for pools, fountain, tanks.
 - Installation depth max 3 m.
 - Power cable length 5 m. connected.
 - Maintenance without emptying the water.
 - Body and housing made of satin finished corrosion resistant stainless steel (AISI 316) and coated with a protective layer to prevent corrosion by oxidation.
 - Extra thick, tempered glass.
 - N.B. The fitting is not suitable for immersion in sea water.

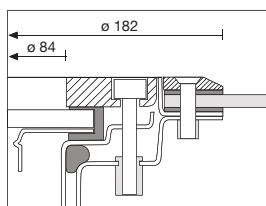
Adatto per installazioni in acqua fino a 3 m. di profondità
Suitable for underwater applications max depth 3 m.

	LED	SISTEMA-SYSTEM			
		W	lm	lm/W	
	(W) (lm) (V) (K) (CRI)	(W)	(lm)	(lm/W)	
Inox E8253-LBC	3x1,2W 270-410	350mA	3000	7,5W 333	50
Inox E8253-LBI	3x2,5W 330-560	700mA	6000	7,5W 464	62
Inox E8253-LBL	-	-	470nm	-	-
Inox E8253-RGB	3x1,2W -	350mA		-	-

■ Valori riferiti a 700mA - Data referred to 700mA

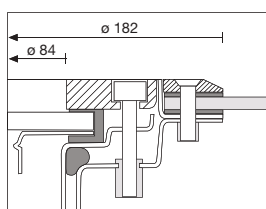


Esempio di installazione in vasche con guaina in PVC
Example of installation in tanks with PVC sheath



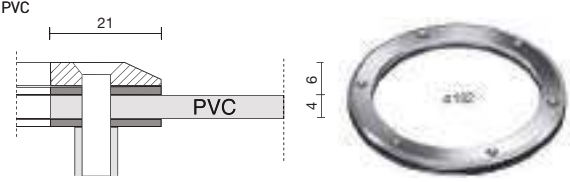
LED COB	LED	SISTEMA-SYSTEM			
		W	lm	lm/W	
	(W) (lm) (V) (K) (CRI) (T)	(W)	(lm)	(lm/W)	
Inox E8253C-LBC-15	12,3W 1040	220-240V (350mA)	3000	>90	14,3W 896 62
Inox E8253C-LBC-24	12,9W 1430			>80	14,9W 1207 81
Inox E8253C-LBC-40	12,9W 1340			>80	14,9W 1136 76
Inox E8253C-LBN-15	12,3W 1120	220-240V (350mA)	4000	>90	14,3W 965 67
Inox E8253C-LBN-24	12,9W 1510			>80	14,9W 1274 86
Inox E8253C-LBN-40	12,9W 1430			>80	14,9W 1194 80

Esempio di installazione in vasche con guaina in PVC
Example of installation in tanks with PVC sheath



OP. *A richiesta - On request: apertura fascio - light beam

ACC. E8261 Flangia per vasche con guaina in PVC
Flange for tanks with PVC sheath





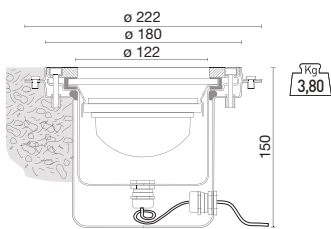


- Adatto per illuminazione di vasche, fontane, piscine.
 - Profondità di installazione 3 m. max.
 - Cavo di alimentazione lunghezza 5 m. collegato.
 - Manutenzione senza svuotamento della vasca.
 - Corpo e cassaforma in acciaio Inox anticorrosione (AISI 316) satinato e rivestito con layer di protezione contro l'ossidazione.
 - Vetro temperato ad alto spessore.
 - N.B. L'apparecchio non è adatto all'immersione in acqua marina.
- Suitable for pools, fountain, tanks.
 - Installation depth max 3 m.
 - Power cable length 5 m. connected.
 - Maintenance without emptying the water.
 - Body and housing made of satin finished corrosion resistant stainless steel (AISI 316) and coated with a protective layer to prevent corrosion by oxidation.
 - Extra thick, tempered glass.
 - N.B. The fitting is not suitable for immersion in sea water.

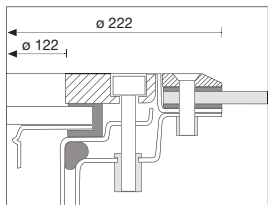


Adatto per installazioni in acqua fino a 3 m. di profondità
Suitable for underwater applications max depth 3 m.

	LED	SISTEMA-SYSTEM							
		W	Im	V	K	CRI			
Inox E8263-LBC-24 E8263-LBN-24	24	26W	2760 2500	700mA	3000 4000	>80	30W	2126 2234	82 86
Inox E8263-LBC-40 E8263-LBN-40	40	26W	2650 2780	700mA	3000 4000	>80	30W	2108 2210	81 85
Inox E8254-RGB	40	5x3,6W	-	350mA			-	-	-

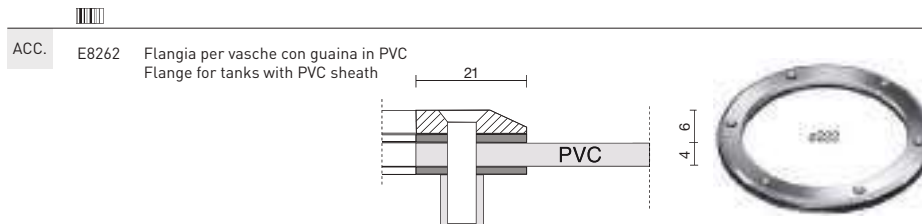


Esempio di installazione in vasche con guaina in PVC
Example of installation in tanks with PVC sheath



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

645368		36W	IP67	700mA
644936	ON-OFF	25W	IP40	700mA

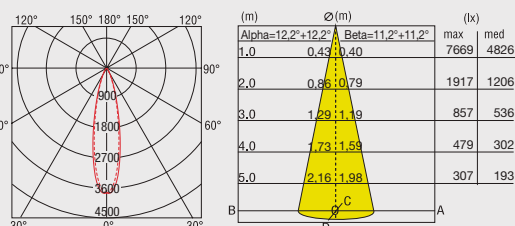


IP 68

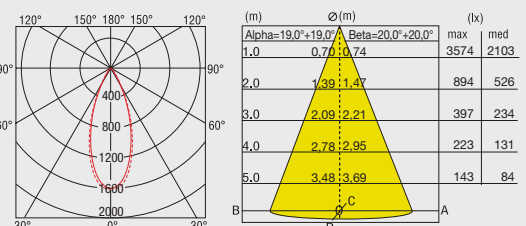


outside

C180.....C00 | C270 — C90



C180.....C00 | C270 — C90







MINI SUB COLOR KIT IN RGBW

- Faro per fontana per incasso a pavimento, con sistema cambiacolori RGBW a 4 LED a onde convogliate, con programmi preimpostati.
- Acciaio inox (AISI 316).
- Alimentazione 12Vac.
- Consumo max: 17VA - 15W.
- Cavo lunghezza 4 m.
- Profondità d'installazione 10 m. max.

- 4 LEDs RGBW colour changer projector with guided waves for fountain pre-programmed effects.
- Inox steel (AISI 316).
- Power 12Vac.
- Max power consumption: 17 VA - 15 W for underground installation.
- 4 m. lenght cable.
- 10 m. max depth.



Adatto per installazioni in acqua fino a 3 m. di profondità
Suitable for underwater applications max depth 3 m.

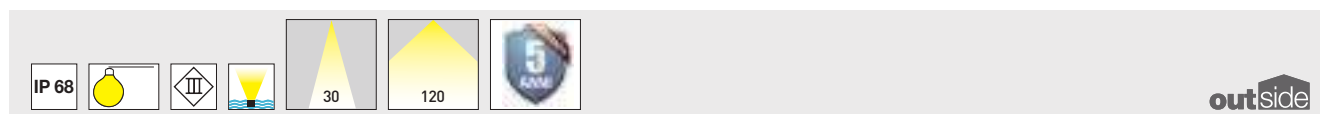
Telecomando a radio frequenza - a richiesta cod. E100
Radio frequency remote control - on request code E100

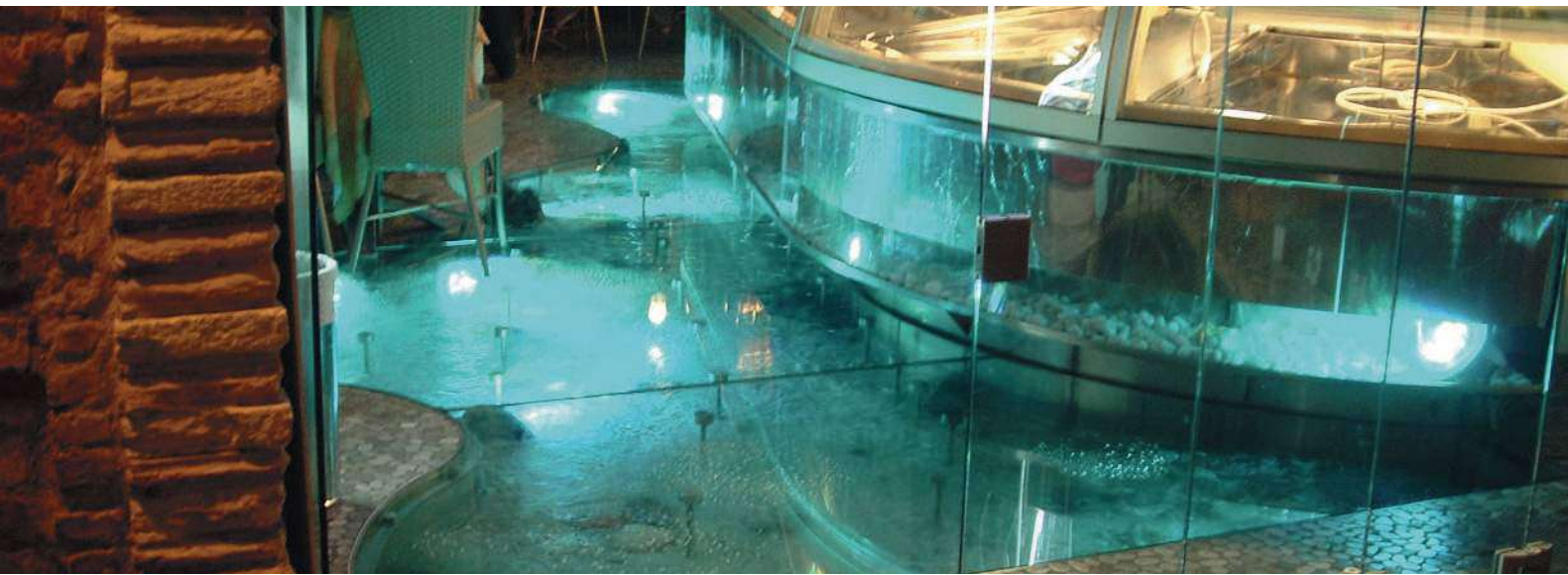
			(W)	(lm)	(V)	(K)
	Inox	E9601-RGB-30	15W	432	12Vac	
	Inox	E9601-RGB-120	15W	432	12Vac	

N.B. Apparecchio subacqueo per funzionamento solo in sommersione.
La temperatura dell'acqua non deve superare i 40°C.
N.B. Underwater fitting for submersible operation only.
The water temperature should not exceed 40° C.

ACC.		
E100		Kit telecomando - Remote control kit
E101		Trasformatore 100VA - Transformer 100VA
E102		Trasformatore 300VA - Transformer 300VA
E103		Cavo al metro - Cable pro meter
E104		Giunzione - Junction
E105		Kit Giunzione - Junction kit

APPARECCHI PER IMMERSIONE • UNDERWATER







PAR 56 TKF POWER

- Lampada per fontana a 36 Led bianca.
- Alimentazione 12 Vac.
- Consumo max: 70VA - 65W.
- Acciaio inox (AISI 316).
- Cavo lunghezza 4 m.
- Profondità d'installazione 10 m. max.

- White 36 Leds lamp for fountain. alimenta
- 12Vac power.
- Max power consumption: 70VA - 65W.
- Inox steel (AISI 316).
- 4 m. lenght cable.
- 10 m. max depth.



Adatto per installazioni in acqua fino a 3 m. di profondità
Suitable for underwater applications max depth 3 m.

			(W)	(lm)	(V)	(K)	(CRI)	
	Inox E9602-LBI-15		65W	5040	12Vac	5300	>80	
	Inox E9602-LBI-18		65W	5040	12Vac	5300	>80	
	Inox E9602-LBI-80		65W	5040	12Vac	5300	>80	
	Inox E9602-LBI-120		65W	5040	12Vac	5300	>80	
<p>N.B. Apparecchio subacqueo per funzionamento solo in sommersione. La temperatura dell'acqua non deve superare i 40°C.</p> <p>N.B. Underwater fitting for submersible operation only. The water temperature should not exceed 40° C.</p>								
ACC.	E101	Trasformatore 100VA - Transformer 100VA						
	E102	Trasformatore 300VA - Transformer 300VA						
	E104	Giunzione - Junction						
	E105	Kit giunzione - Junction Kit						

IP 68



outside

MINI TKF M4-37W



- Lampada per fontana con 16 Led (4 multichip) bianca.
- Consumo max: 42VA - 37W.
- Acciaio inox (AISI 316).
- Alimentazione 12Vac.
- Cavo lunghezza 4 m.
- Profondità d'installazione 10 m. max.



- White 16 Leds (multichip) lamp for fountain.
- Max power consumption: 42VA - 37W.
- Inox steel (AISI 316).
- 12Vac power.
- 4 m. length cable.
- 10 m. max depth.



Adatto per installazioni in acqua fino a 3 m. di profondità
Suitable for underwater applications max depth 3 m.

			(W)	(lm)	(V)	(K)	(CRI)
		Inox E9603-LBI-21	37W	3880	12Vac	5300	>80
		Inox E9603-LBI-45	37W	3880	12Vac	5300	>80
		Inox E9603-LBI-65	37W	3880	12Vac	5300	>80
		Inox E9603-LBI-120	37W	3880	12Vac	5300	>80
		N.B. Apparecchio subacqueo per funzionamento solo in sommersione. La temperatura dell'acqua non deve superare i 40°C. N.B. Underwater fitting for submersible operation only. The water temperature should not exceed 40° C.					
ACC.	E101	Trasformatore 100VA - Transformer 100VA					
	E102	Trasformatore 300VA - Transformer 300VA					
	E104	Giunzione - Junction					
	E105	Giunzione - Junction kit					

IP 68



outside



MINI SUB TKF

- Faro per fontana a 3 Led bianco.
- Consumo max: 8,4VA - 8W.
- Acciaio inox (AISI 316).
- Alimentazione 12Vac.
- Cavo lunghezza 4 m.
- Profondità d'installazione 10 m. max.

- White 3 Leds lamp for fountain.
- Max power consumption: 8,4VA - 8W.
- Inox steel (AISI 316).
- 12Vac power.
- 4 m. lenght cable.
- 10 m. max depth.



Adatto per installazioni in acqua fino a 3 m. di profondità
Suitable for underwater applications max depth 3 m.

			(W)	(lm)	(V)	(K)	(CRI)
		Inox E9604-LBI-30	8W	700	12Vac	5300	>80
		Inox E9604-LBI-120	8W	700	12Vac	5300	>80
<p>N.B. Apparecchio subacqueo per funzionamento solo in sommersione. La temperatura dell'acqua non deve superare i 40°C.</p> <p>N.B. Underwater fitting for submersible operation only. The water temperature should not exceed 40° C.</p>							
<p>ACC.</p> <p>E101 Trasformatore 100VA - Transformer 100VA</p> <p>E102 Trasformatore 300VA - Transformer 300VA</p> <p>E104 Giunzione - Junction</p> <p>E105 Giunzione - Junction kit</p>							

IP 68



outside

PAR 56 COLOR TKT RGBW POWER



- Lampada per fontana con sistema cambia colori RGBW a 36 Led, elettronica con programmi preimpostati.
- Consumo max: 83VA - 73W.
- Acciaio inox (AISI 316).
- Alimentazione 12Vac.
- Cavo lunghezza 4 m.
- Profondità d'installazione 10 m. max.

- 36 Leds RGBW color changer lamp for fountain, pre-programmed effects.
- Max power consumption: 83VA - 73W.
- Inox steel (AISI 316).
- 12Vac power.
- 4 m. length cable.
- 10 m. max depth.



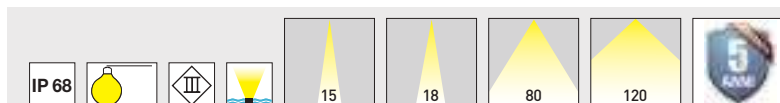
Adatto per installazioni in acqua fino a 3 m. di profondità
Suitable for underwater applications max depth 3 m.

Telecomando a radio frequenza - a richiesta cod. E100
Radio frequency remote control - on request code E100

	Inox E9605-RGB-15	73W	2844	12Vac	
	Inox E9605-RGB-18 (33x18)	73W	2844	12Vac	
	Inox E9605-RGB-80	73W	2844	12Vac	
	Inox E9605-RGB-120	73W	2844	12Vac	

N.B. Apparecchio subacqueo per funzionamento solo in sommersione.
La temperatura dell'acqua non deve superare i 40°C.
N.B. Underwater fitting for submersible operation only.
The water temperature should not exceed 40° C.

ACC.		
E100		Kit telecomando - Remote control kit
E101		Trasformatore 100VA - Transformer 100VA
E102		Trasformatore 300VA - Transformer 300VA
E103		Cavo al metro - Cable pro meter
E104		Giunzione - Junction
E105		Kit giunzione - Junction Kit





PAR 56 COLOR TKT RGBW PLUS

- Lampada per fontana con sistema cambia colori RGBW a 24 Led, elettronica con programmi preimpostati.
 - Consumo max: 58VA - 51W.
 - Acciaio inox (AISI 316).
 - Alimentazione 12Vac.
 - Cavo lunghezza 4 m.
 - Profondità d'installazione 10 m. max.
- 24 Leds RGBW color changer lamp for fountain, pre-programmed effects.
 - Max power consumption: 58VA - 51W.
 - Inox steel (AISI 316).
 - 12Vac power.
 - 4 m. lenght cable.
 - 10 m. max depth.



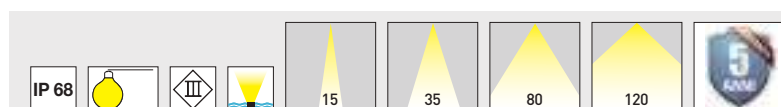
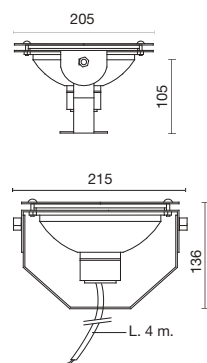
Adatto per installazioni in acqua fino a 3 m. di profondità
Suitable for underwater applications max depth 3 m.

Telecomando a radio frequenza - a richiesta cod. E100
Radio frequency remote control - on request code E100

			(W)	(lm)	(V)	(K)
	Inox E9606-RGB-15	15°	51W	1896	12Vac	
	Inox E9606-RGB-35	35°	51W	1896	12Vac	
	Inox E9606-RGB-80	80°	51W	1896	12Vac	
	Inox E9606-RGB-120	120°	51W	1896	12Vac	

N.B. Apparecchio subacqueo per funzionamento solo in sommersione.
La temperatura dell'acqua non deve superare i 40°C.
N.B. Underwater fitting for submersible operation only.
The water temperature should not exceed 40° C.

ACC.		
E100		Kit telecomando - Remote control kit
E101		Trasformatore 100VA - Transformer 100VA
E102		Trasformatore 300VA - Transformer 300VA
E103		Cavo al metro - Cable pro meter
E104		Giunzione - Junction
E105		Kit giunzione - Junction Kit



MINI COLOR TKT RGBW



- Lampada per fontana con sistema cambia colori RGBW a 12 Led, con programmi preimpostati.
- Consumo max: 29VA - 26W.
- Acciaio inox (AISI 316).
- Alimentazione 12Vac.
- Cavo lunghezza 4 m.
- Profondità d'installazione 10 m. max.

- 12 Leds RGBW colour changer projector with guided waves for fountain, pre-programmed effects.
- Max power consumption: 29VA - 26W.
- Inox steel (AISI 316).
- 12Vac power.
- 4 m. lenght cable.
- 10 m. max depth.



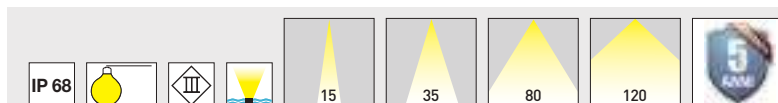
Adatto per installazioni in acqua fino a 3 m. di profondità
Suitable for underwater applications max depth 3 m.

Telecomando a radio frequenza - a richiesta cod. E100
Radio frequency remote control - on request code E100

			(W)	(lm)	(V)	(K)
	Inox E9607-RGB-15		26W	948	12Vac	
	Inox E9607-RGB-35		26W	948	12Vac	
	Inox E9607-RGB-80		26W	948	12Vac	
	Inox E9607-RGB-120		26W	948	12Vac	

N.B. Apparecchio subacqueo per funzionamento solo in sommersione.
La temperatura dell'acqua non deve superare i 40°C.
N.B. Underwater fitting for submersible operation only.
The water temperature should not exceed 40°C.

ACC.	
E100	Kit telecomando - Remote control kit
E101	Trasformatore 100VA - Transformer 100VA
E102	Trasformatore 300VA - Transformer 300VA
E104	Giunzione - Junction
E105	Kit giunzione - Junction Kit
E106	Cavo al metro - Cable pro meter



outside



MINI SUB COLOR TKT RGBW

- Lampada per fontana con sistema cambia colori RGBW a 4 Led a onde convogliate, con programmi preimpostati.
- Consumo max: 17VA - 15W.
- Acciaio inox (AISI 316).
- Alimentazione 12Vac.
- Cavo lunghezza 4 m.
- Profondità d'installazione 10 m. max.

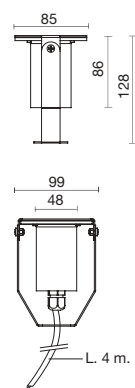
- 4 Leds colour changer projector with guided waves for fountain pre-programmed effects.
- Max power consumption: 17VA - 15W.
- Inox steel (AISI 316).
- 12Vac power.
- 4 m. lenght cable.
- 10 m. max depth.



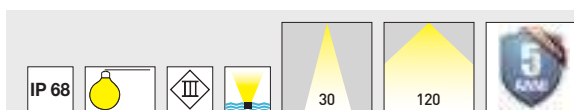
Adatto per installazioni in acqua fino a 3 m. di profondità
Suitable for underwater applications max depth 3 m.

Telecomando a radio frequenza - a richiesta cod. E100
Radio frequency remote control - on request code E100

			(W)	(lm)	(V)	(K)
	Inox E9608-RGB-30		15W	432	12Vac	
	Inox E9608-RGB-120		15W	432	12Vac	
<p>N.B. Apparecchio subacqueo per funzionamento solo in sommersione. La temperatura dell'acqua non deve superare i 40°C.</p> <p>N.B. Underwater fitting for submersible operation only. The water temperature should not exceed 40° C.</p>						
ACC.	E100	Kit telecomando - Remote control kit				
	E101	Trasformatore 100VA - Transformer 100VA				
	E102	Trasformatore 300VA - Transformer 300VA				
	E104	Giunzione - Junction				
	E105	Kit giunzione - Junction Kit				
	E106	Cavo al metro - Cable pro meter				



APPARECCHI PER IMMERSIONE • UNDERWATER



SUBMARINER 140

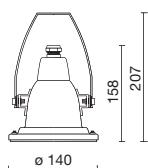


- Proiettore a tenuta stagna.
- Corpo e staffa regolabile in acciaio inox anticorrosione (AISI 316) satinato e rivestito con layer di protezione contro l'aggressione della salsedine.
- Vetro temperato ad alto spessore.
- N.B. L'apparecchio non è adatto all'immersione in acqua marina.
- Waterproof floodlights.
- Housing and adjustable bracket made of satin finished corrosion resistant stainless steel (AISI 316) and coated with a protective layer to prevent corrosion by salt in the air.
- Extra thick, tempered glass.
- N.B. The floodlight is not suitable for immersion in sea water.



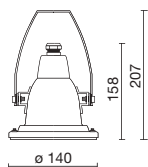
Adatto per installazioni in acqua fino a 3 m. di profondità
Suitable for underwater applications max depth 3 m.

	LED	SISTEMA-SYSTEM		
		(W)	(lm)	(lm/W)
 Inox E8246-LBI E8246-LBL	(W) (lm) (V) (K) (CRI)	(W) (lm)	(lm/W)	
	3x1,2W 300 240 350mA 6000 470nm >80	3,6W 273	76	
Inox E8246-RGB	3x1,2W - 350mA	-	-	



1,40

LED COB	LED	SISTEMA-SYSTEM		
		(W)	(lm)	(lm/W)
 Inox E8246C-LBC-15 E8246C-LBC-24 E8246C-LBC-40	(W) (lm) (V) (K) (CRI)	(W) (lm)	(lm/W)	
	12,3W 1040 350mA 3000 >90 12,9W 1430 >80 12,9W 1360 >80	12,3W 885 12,9W 1245 12,9W 1140	72 97 88	
Inox E8246C-LBN-15 E8246C-LBN-24 E8246C-LBN-40	(W) (lm) (V) (K) (CRI)	(W) (lm)	(lm/W)	
	12,3W 1120 350mA 4000 >90 12,9W 1510 >80 12,9W 1430 >80	12,3W 950 12,3W 1310 12,3W 1219	77 102 94	



1,40

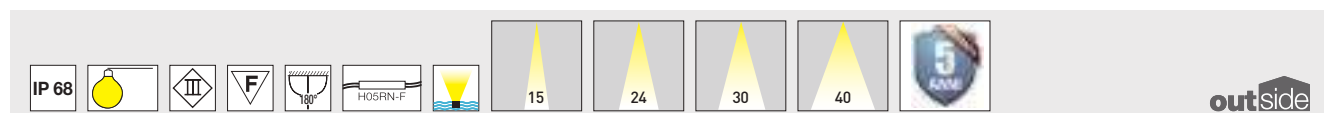


ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

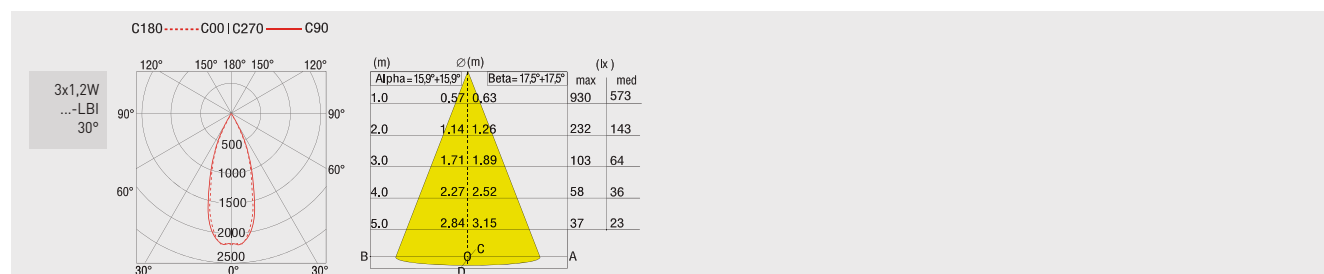
644759-1	ON-OFF	15W	IP20	350mA
J350-68-LED	ON-OFF	15W	IP68	350mA

OP. Apparecchi forniti completi di vetro satinato - Fitting supplied complete with frosted glass
E....-A Vetro satinato - Frosted glass

Apparecchi con griglia di protezione - Light fitting with protection grid



outside



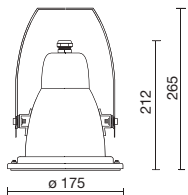


- Proiettore a tenuta stagna.
- Corpo e staffa regolabile in acciaio inox anticorrosione (AISI 316) satinato e rivestito con layer di protezione contro l'aggressione della salsedine.
- Vetro temperato ad alto spessore.
- N.B. L'apparecchio non è adatto all'immersione in acqua marina.
- Waterproof floodlights.
- Housing and adjustable bracket made of satin finished corrosion resistant stainless steel (AISI 316) and coated with a protective layer to prevent corrosion by salt in the air.
- Extra thick, tempered glass.
- N.B. The floodlight is not suitable for immersion in sea water.



Adatto per installazioni in acqua fino a 3 m. di profondità
Suitable for underwater applications max depth 3 m.

		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
Inox	E8239-LBC-24	26W	2160	700mA	3000	>80	30W	2126	82
	E8239-LBN-24								
Inox	E8239-LBC-40	26W	2650	700mA	3000	>80	30W	2106	81
	E8239-LBN-40								
Inox	E8242-RGB	5x3,6W	-	350mA		-	-	-	-



2,50 Kg

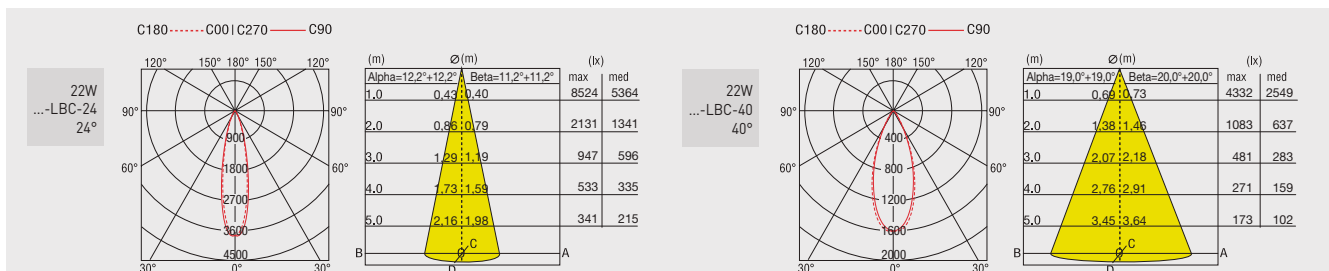


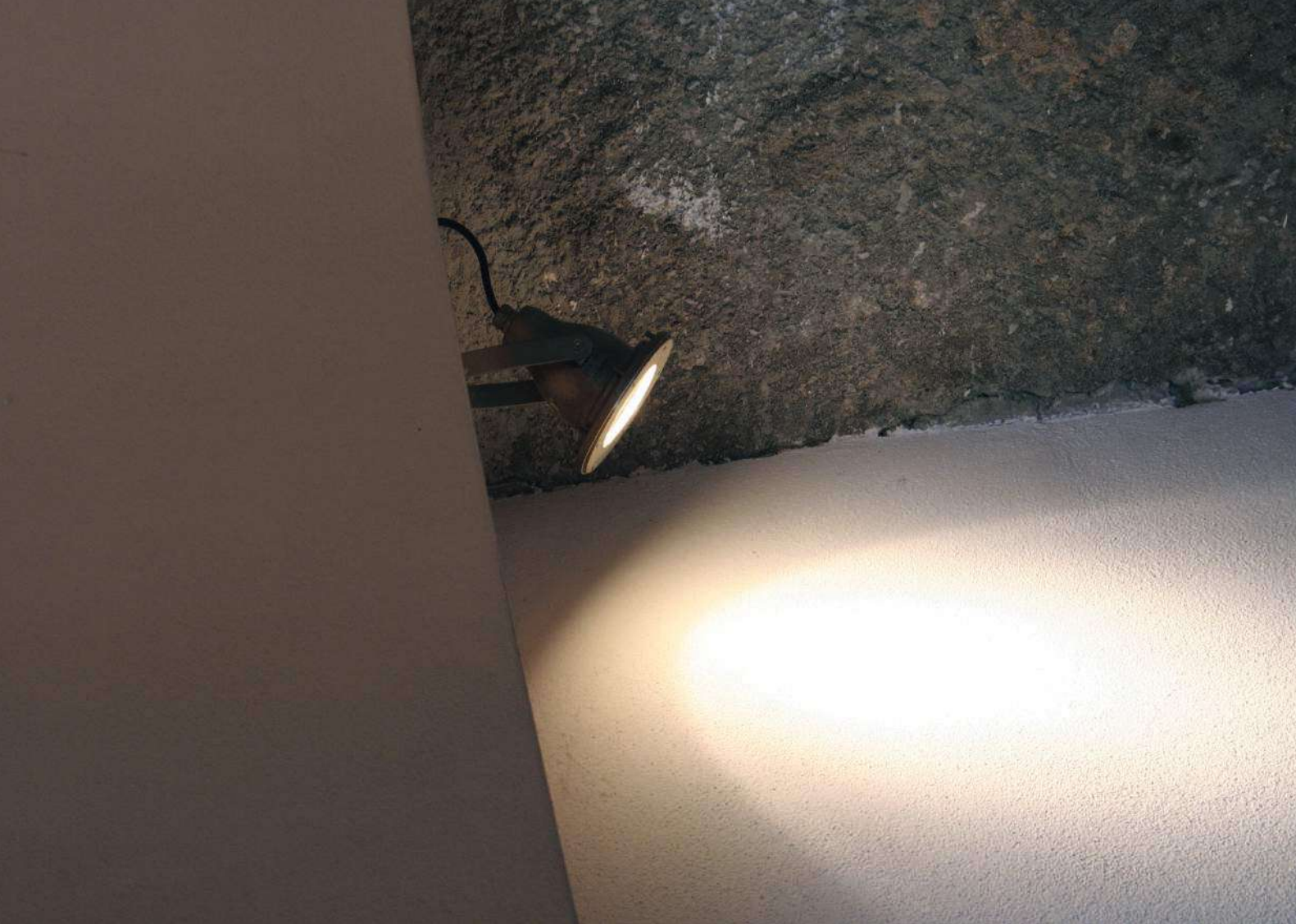
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

645368		36W	IP67	700mA
644936	ON-OFF	25W	IP40	700mA

OP. Apparecchi forniti completi di vetro satinato - Fitting supplied complete with frosted glass
E....-A Vetro satinato - Frosted glass

Apparecchi con griglia di protezione - Light fitting with protection grid





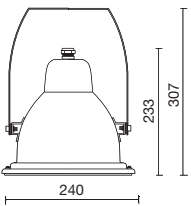


- Proiettore a tenuta stagna.
- Corpo e staffa regolabile in acciaio inox anticorrosione (AISI 316) satinato e rivestito con layer di protezione contro l'aggressione della salsedine.
- Vetro temperato ad alto spessore.
- N.B. L'apparecchio non è adatto all'immersione in acqua marina.
- Waterproof floodlights.
- Housing and adjustable bracket made of satin finished corrosion resistant stainless steel (AISI 316) and coated with a protective layer to prevent corrosion by salt in the air.
- Extra thick, tempered glass.
- N.B. The floodlight is not suitable for immersion in sea water.



Adatto per installazioni in acqua fino a 3 m. di profondità
Suitable for underwater applications max depth 3 m.

	LED	SISTEMA-SYSTEM								
		W	lm	V	K	CRI	W	lm	lm/W	
Br E8249-LBC	1200									
Ne E8249-LBI	1500	220-240V (350mA)	3000	6000	>80	18W	1081	60		
Gr E8249-LBL	-		470nm				1352	75		
Inox E8249-RGB	15x1,2W	350mA								



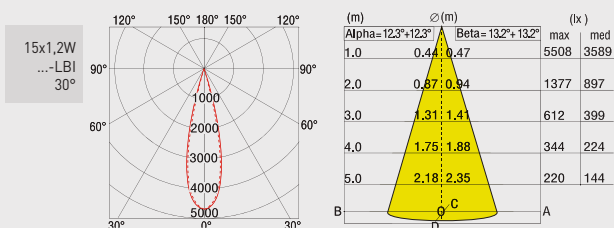
OP. Apparecchi forniti completi di vetro satinato - Fitting supplied complete with frosted glass
E.....-A Vetro satinato - Frosted glass

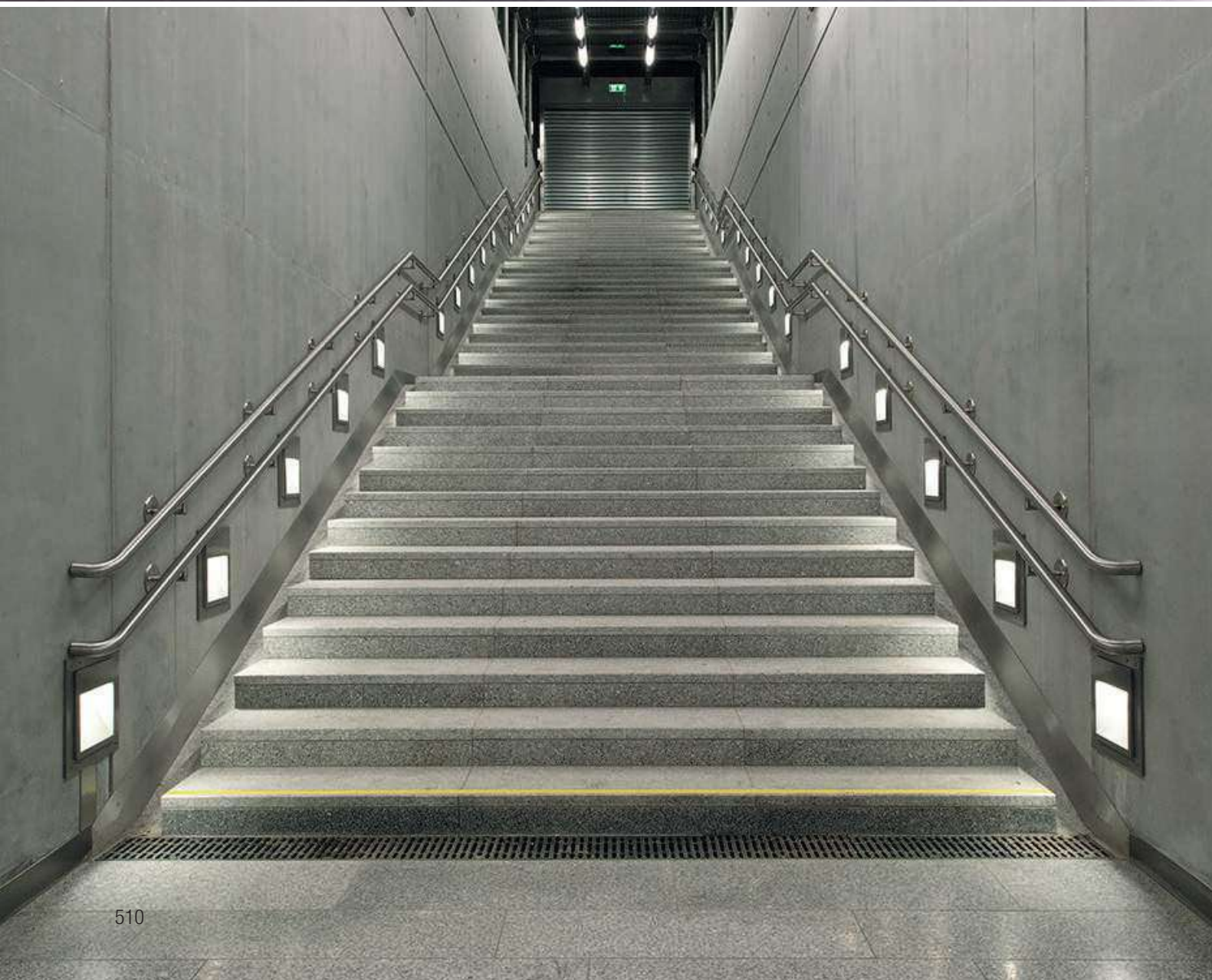
Apparecchi con griglia di protezione - Light fitting with protection grid



outside

C180-...-C00 | C270 - C90







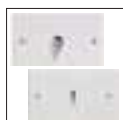
INCASSI PER PARETI SOLIDE • PATH



512
SMALL-BLADE
ROUND



513
SMALL-BLADE
SQUARE



515
SMALL-BLADE
SQUARE LONG



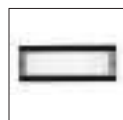
517
JOGGER



519
RIQUADRO



520
MINIGREEN



521
GREEN



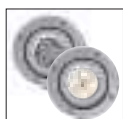
525
RIQUADRO
MICRO LED



526
NEW GREEN
XS-M-XL



531
RING



533
OLODUM MINI
PARETE/COB

SMALL-BLADE ROUND

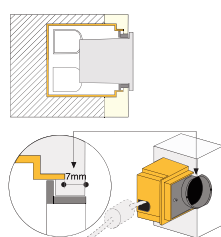
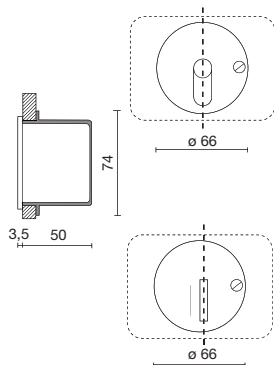


- Modulo da incasso a muro per scatola elettrica tipo 503E in dotazione.
- Corpo in alluminio pressofuso.
- Verniciatura in polveri poliestere previo trattamento speciale per esterni.
- Viti in acciaio Inox.
- Corpo e dissipatore interno in ottone nichelato.
- Lente in metacrilato e guarnizioni in gomma silconica.
- Cavo di alimentazione 0,2 m. e connettori per cablaggi a tenuta stagna in dotazione.



- Wall recessed fitting for supplied electrical boxes type 503E.
- Die-cast aluminium body.
- Powder coated with pretreatment for outdoor use.
- Inox steel screws.
- Body and internal heatsink made of nichel brass.
- Methacrylate lens and gasket gland made of silicone rubber.
- Power cable 0,2 m. long and connectors for harenesses tight wiring supplied.

				(W)	(lm)	(V)	(K)	(CRI)
ALLOGGIAMENTO A PRESSIONE - PRESSURE FIXING								
Br E909BR-LBC				1x2W	145	500mA	3000	>80
Br E909BR-LBN				1x2W	155	500mA	4000	>80
Br E909BR-LBI				1x2W	165	500mA	6000	>80
Br E909BR-LBL				1x2W	-	500mA	470nm	>80
ALLOGGIAMENTO CON VITI - SCREWS FIXING								
Br E909BR-LBC-V				1x2W	145	500mA	3000	>80
Br E909BR-LBN-V				1x2W	155	500mA	4000	>80
Br E909BR-LBI-V				1x2W	165	500mA	6000	>80
Br E909BR-LBL-V				1x2W	-	500mA	470nm	>80



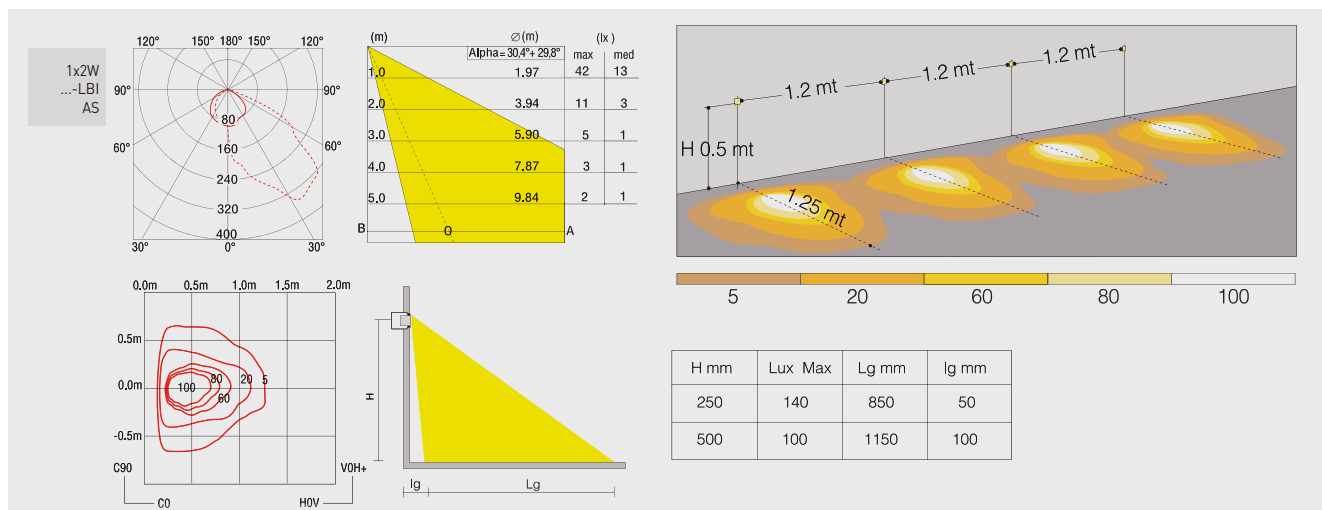
OP. A richiesta colorazioni piastra secondo tabella RAL - Colour on request according to RAL table

ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED				
644758-5	ON-OFF	6W	IP20	700mA
645626-1	ON-OFF	20W	IP67	500mA

Scatola da immerare tipo 503E + adattatore in dotazione
Wall box type 503E + adaptor included

IP 68

outside





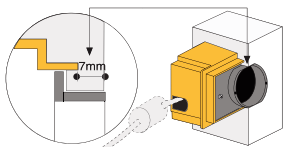
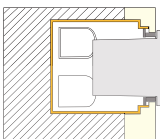
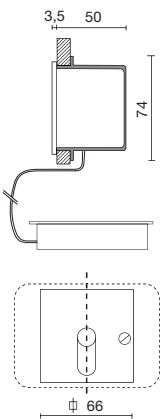
SMALL-BLADE SQUARE

- Modulo da incasso a muro per scatola elettrica tipo 503E in dotazione.
- Corpo in alluminio pressofuso.
- Verniciatura in polveri poliestere previo trattamento speciale per esterni.
- Viti in acciaio Inox.
- Corpo e dissipatore interno in ottone nichelato.
- Lente in metacrilato e guarnizioni in gomma silconica.
- Cavo di alimentazione 0,2 m.e connettori per cablaggi a tenuta stagna in dotazione.

- Wall recessed fitting for supplied electrical boxes type 503E.
- Die-cast aluminium body.
- Powder coated with pretreatment for outdoor use.
- Inox steel screws.
- Body and internal heatsink made of nichel brass.
- Methacrylate lens and gasket gland made of silicone rubber.
- Power cable 0,2 m. long and connectors for harenesses tight wiring supplied.



		W	lm	V	K	CRI	
ALLOGGIAMENTO A PRESSIONE - PRESSURE FIXING							
Br	E909BR-Q-LBC	E951BR-Q-LBC					
Ne	E909NE-Q-LBC	E951NE-Q-LBC	1x2W	145	500mA	3000	>80
Gr	E909-Q-LBC	E951-Q-LBC					
ALLOGGIAMENTO CON VITI - SCREWS FIXING							
Br	E909BRQ-LBC-V	E951BRQ-LBC-V					
Ne	E909NEQ-LBC-V	E951NEQ-LBC-V	1x2W	145	500mA	3000	>80
Gr	E909-Q-LBC-V	E951-Q-LBC-V					
ALLOGGIAMENTO A PRESSIONE - PRESSURE FIXING							
Br	E909BR-Q-LBN	E951BR-Q-LBN					
Ne	E909NE-Q-LBN	E951NE-Q-LBN	1x2W	155	500mA	4000	>80
Gr	E909-Q-LBN	E951-Q-LBN					
ALLOGGIAMENTO CON VITI - SCREWS FIXING							
Br	E909BRQ-LBN-V	E951BRQ-LBN-V					
Ne	E909NEQ-LBN-V	E951NEQ-LBN-V	1x2W	155	500mA	4000	>80
Gr	E909-Q-LBN-V	E951-Q-LBN-V					
ALLOGGIAMENTO A PRESSIONE - PRESSURE FIXING							
Br	E909BR-Q-LBI	E951BR-Q-LBI					
Ne	E909NE-Q-LBI	E951NE-Q-LBI	1x2W	165	500mA	6000	>80
Gr	E909-Q-LBI	E951-Q-LBI					
ALLOGGIAMENTO CON VITI - SCREWS FIXING							
Br	E909BRQ-LBI-V	E951BRQ-LBI-V					
Ne	E909NEQ-LBI-V	E951NEQ-LBI-V	1x2W	165	500mA	6000	>80
Gr	E909-Q-LBI-V	E951-Q-LBI-V					
ALLOGGIAMENTO A PRESSIONE - PRESSURE FIXING							
Br	E909BRQ-LBL-V	E951BRQ-LBL-V					
Ne	E909NEQ-LBL-V	E951NEQ-LBL-V	1x2W	-	500mA	470nm	>80
Gr	E909-Q-LBL-V	E951-Q-LBL-V					
OP. A richiesta colorazioni piastra secondo tabella RAL - Colour on request according to RAL table							
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED							
644758-5	ON-OFF	6W	IP20	700mA			
645626-1	ON-OFF	20W	IP67	500mA			

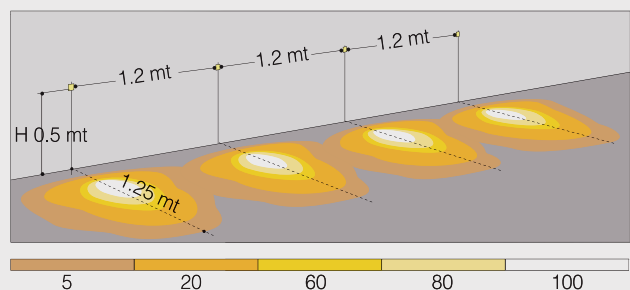
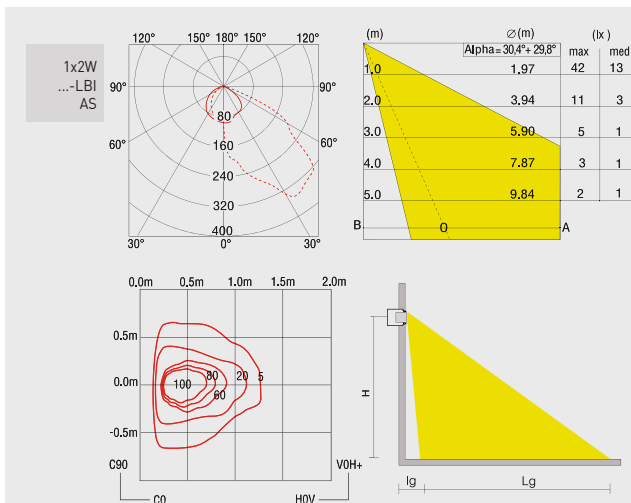


Scatola da immerare tipo 503E + adattatore in dotazione
Wall box type 503E + adaptor included

0,90 Kg



outside



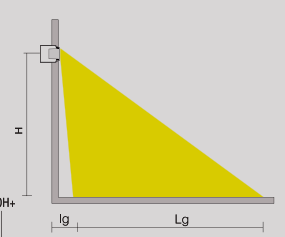
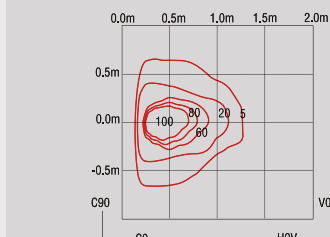
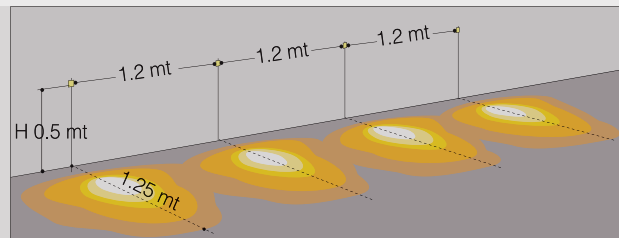
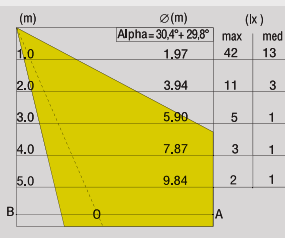
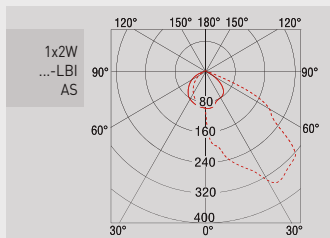
H mm	Lux Max	Lg mm	lg mm
250	140	850	50
500	100	1150	100



IP68 apparecchio/fitting
IP67 driver



outside



H mm	Lux Max	Lg mm	lg mm
250	140	850	50
500	100	1150	100



SMALL-BLADE SQUARE LONG

- Modulo da incasso a muro per scatola elettrica tipo 503E in dotazione.
- Corpo in alluminio pressofuso.
- Verniciatura in polveri poliestere previo trattamento speciale per esterni.
- Viti in acciaio Inox.
- Corpo e dissipatore interno in ottone nichelato.
- Lente in metacrilato e guarnizioni in gomma silconica.
- Cavo di alimentazione 0,2 m. e connettori per cablaggi a tenuta stagna in dotazione.



- Wall recessed fitting for supplied electrical boxes type 503E.
- Die-cast aluminium body.
- Powder coated with pretreatment for outdoor use.
- Inox steel screws.
- Body and internal heatsink made of nichel brass.
- Methacrylate lens and gasket gland made of silicone rubber.
- Power cable 0,2 m. long and connectors for harenesses tight wiring supplied.

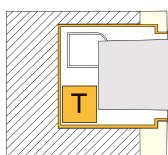
	Br	E909BR-L-LBC	E951BR-L-LBC					
	Ne	E909NE-L-LBC	E951NE-L-LBC	1x2W	145	220-240V (500mA)	3000	>80
	Gr	E909-L-LBC	E951-L-LBC					
	Br	E909BR-L-LBN	E951BR-L-LBN					
	Ne	E909NE-L-LBN	E951NE-L-LBN	1x2W	155	220-240V (500mA)	4000	>80
	Gr	E909-L-LBN	E951-L-LBN					
	Br	E909BR-L-LBI	E951BR-L-LBI					
	Ne	E909NE-L-LBI	E951NE-L-LBI	1x2W	165	220-240V (500mA)	6000	>80
	Gr	E909-L-LBI	E951-L-LBI					
	Br	E909BR-L-LBL	E951BR-L-LBL					
	Ne	E909NE-L-LBL	E951NE-L-LBL	1x2W	-	220-240V (500mA)	470nm	>80
	Gr	E909-L-LBL	E951-L-LBL					

1,00 Kg



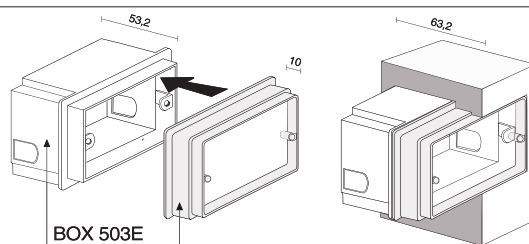
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED				
644758-5	ON-OFF	6W	IP20	700mA
645626-1	ON-OFF	20W	IP67	500mA

OP. A richiesta colorazioni piastra secondo tabella RAL - Plate colour on request according to RAL table



N.B. Montare il box 503ESE su scatola 503E ed installare come indicato

N.B. Mount 503ESE box on 503Ebox and install as written in the instructions



BOX 503E

BOX EXTENSION 503ESE

Per facilitare il montaggio dell'apparecchio
For speeding up the installation of the fitting



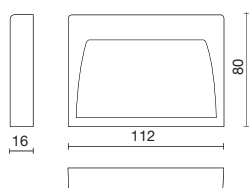


- Modulo da incasso a muro per scatola tipo 503E in dotazione solo per POS 2
- Corpo in materiale termotecnico.
- Viti in acciaio Inox.
- Riflettore in alluminio ossidato.



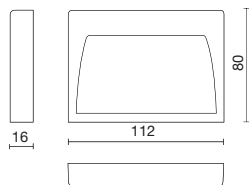
- Wall recessed fitting for supplied 503E type box only for POS 2.
- Body made of thermoplastic material.
- Inox steel screws.
- Oxidized aluminium reflector.

230V			W	lm	V	K	CRI
POS 1	 1 Kg 0,16	E912-LBC		130		3000	
		E912-LBN	2W	150	220-240V	4000	>80
		E912-LBI		170	50/60Hz	5000	
		E912-LBL		-		470nm	

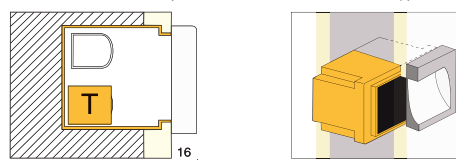


N.B. Senza scatola da immerare tipo 503E - Without wall box type 503E

POS 2			W	lm	V	K	CRI
POS 2	 1 Kg 0,37	E911-LBC		100		3000	
		E911-LBI	1,4W	120	220-240V	5000	>80
		E911-LBL		-	24Vdc	470nm	



Scatola da immerare tipo 503E in dotazione - Wall box type 503E included



OP. A richiesta colorazioni corpo nero Ne - grigio Gr - On request body colour black Ne - grey Gr

IP 65 apparecchio/fitting driver IP 65

outside

H (m)	Lux Max	Lg (mm)	lg (mm)
300	180	1000	100



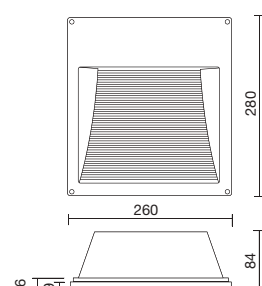


- Corpo in pressofuso di alluminio.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viti in acciaio Inox.
- Guarnizioni in gomma siliconica.
- Cassaforma di alloggiamento inclusa.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 MCE.

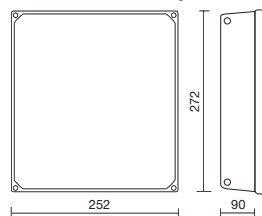
- Die-cast aluminium body.
- Powder coated with pretreatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Gasket in silicone rubber.
- Container for recessed wall light included.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 MCE.



		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
 IP 65 2,50 Kg	Br E5345-LBC	6x1,2W	600	220-240V (350mA)	3000	>80	8,2W	208	25
	Ne E5346-LBC								
	Gr E5347-LBC								
 IP 67 IK 04 3,50 Kg	Br E5345-LBN	6x1,2W	660	220-240V (350mA)	4000	>80	8,2W	230	28
	Ne E5346-LBN								
	Gr E5347-LBN								
 IP 67 IK 04 3,50 Kg	Br E5313-LBC	20,5W	2300	220-240V (350mA)	3000	>80	23,5W	922	39
	Ne E5314-LBC								
	Gr E5315-LBC								
 IP 67 IK 04 3,50 Kg	Br E5313-LBN	20,5W	2500	220-240V (350mA)	4000	>80	23,5W	1000	48
	Ne E5314-LBN								
	Gr E5315-LBN								



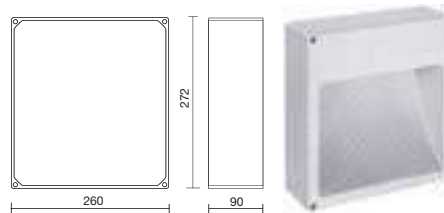
Cassaforma in plastica inclusa
Plastic recessed housing included



OP. A richiesta - On request: vetro sabbiato - frosted glass
CRI > 90
disponibile - available

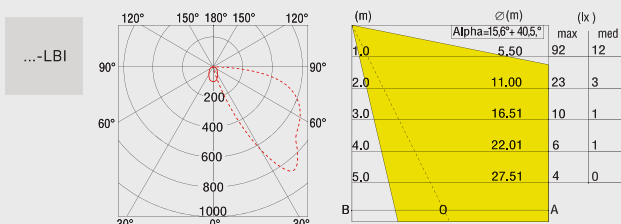


ACC. Box per montaggio a parete - Box for wall mounting
Br 884-BR
Ne 884-NE
Gr 884-GR



outside

C180.....C00 | C270 — C90



MINIGREEN



- Apparecchio in pressofusione di alluminio, vernice in polveri poliesteri con pretrattamento speciale per esterni.
- Vetro di protezione opalino.
- Viti in acciaio Inox.
- N.b. A richiesta schermo di protezione in policarbonato antivandalo.

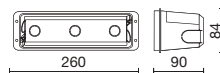
- Die-cast aluminium light fitting, polyester powder coated with special pretreatment for outdoor use.
- Opal protection glass.
- Inox steel screws.
- N.b. On request: Polycarbonate cover for protection against vandalism.



	Br	Ne	Gr	LED			SISTEMA-SYSTEM				
				W	lm	V	K	CRI	W	lm	lm/W
	Br	E8083-LBC		6x1,2W	600	220-240V (350mA)	3000	>80	8,2W	320	39
	Ne	E8084-LBC									
	Gr	E8085-LBC									
	Br	E8083-LBN		6x1,2W	620	220-240V (350mA)	4000	>80	8,2W	330	40
	Ne	E8084-LBN									
	Gr	E8085-LBN									



ACC. 325900 Scatola da immurare
Container for recessed wall light

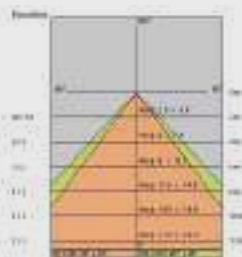
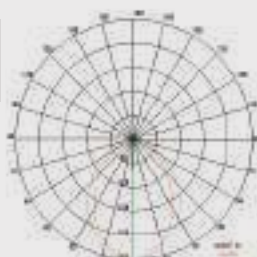


IK 06
IP 65



outside

6x1,2W
...-LBC



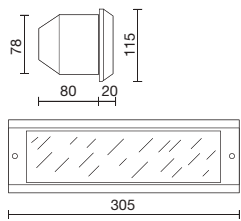


- Apparecchio in pressofusione di alluminio, vernice in polveri poliesteri con pretrattamento speciale per esterni.
- Vetro di protezione opalino.
- Viti in acciaio Inox.



- Die-cast aluminium light fitting, polyester powder coated with special pretreatment for outdoor use.
- Opal protection glass.
- Inox steel screws.

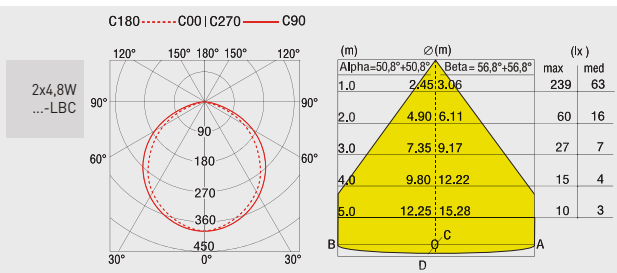
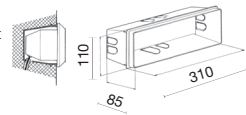
	LED	SISTEMA-SYSTEM				
		W	lm	lm/W		
 Ne E8060-LBC E8060-LBN	2x4,8W 860 900	220-240V 24Vdc	3000 4000	>80	9W 555 581	62 64
VERSIONE CORNICE INOX - INOX FRAME VERSION						
Ne E8060-LBC-IX E8060-LBN-IX	2x4,8W 860 900	220-240V 24Vdc	3000 4000	>80	9W 555 581	62 64



5Kg
1,40

OP. A richiesta colorazioni bianco Br - grigio Gr - On request colour white Br - grey Gr

ACC. 319200 Scatola da immerare
Container for recessed wall light











RIQUADRO MICRO LED

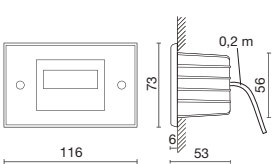
- Modulo da incasso a muro per scatola elettrica tipo 503E in dotazione.
- Corpo in alluminio pressofuso.
- Verniciatura in polveri poliestere previo trattamento speciale per esterni.
- Viti in acciaio Inox.
- Corpo e dissipatore interno in ottone nichelato.
- Lente in metacrilato e guarnizioni in gomma silconica.
- Cavo di alimentazione 0,2 m. e connettori per cablaggi a tenuta stagna in dotazione.
- Led durata utile: 50.000 (h) L90 B20.



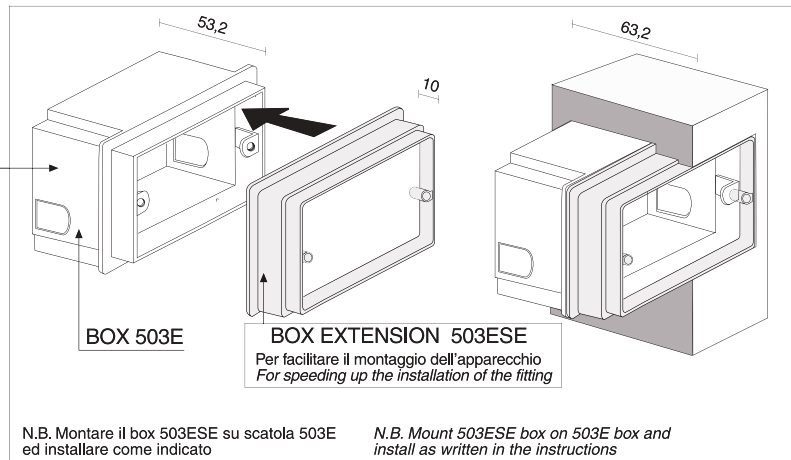
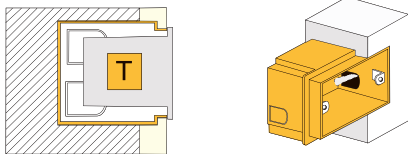
- Wall recessed fitting for supplied electrical boxes type 503E.
- Die-cast aluminium body.
- Powder coated with pretreatment for outdoor use.
- Inox steel screws.
- Body and internal heatsink made of nichel brass.
- Methacrylate lens and gasket gland made of silicone rubber.
- Power cable 0,2 m. long and connectors for harenesses tight wiring supplied.
- Led life: 50.000 (h) L90 B20.

Gr	E908-LBC E908-LBN E908-LBI	LED				SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm
1x4,5W	240	220-240V	3000	>80	5,5W	74	14	
	270	(350mA)	4000			84	15	
	300		5000			93	17	

OP. A richiesta colorazioni piastra secondo tabella RAL - Plate colour on request according to RAL table



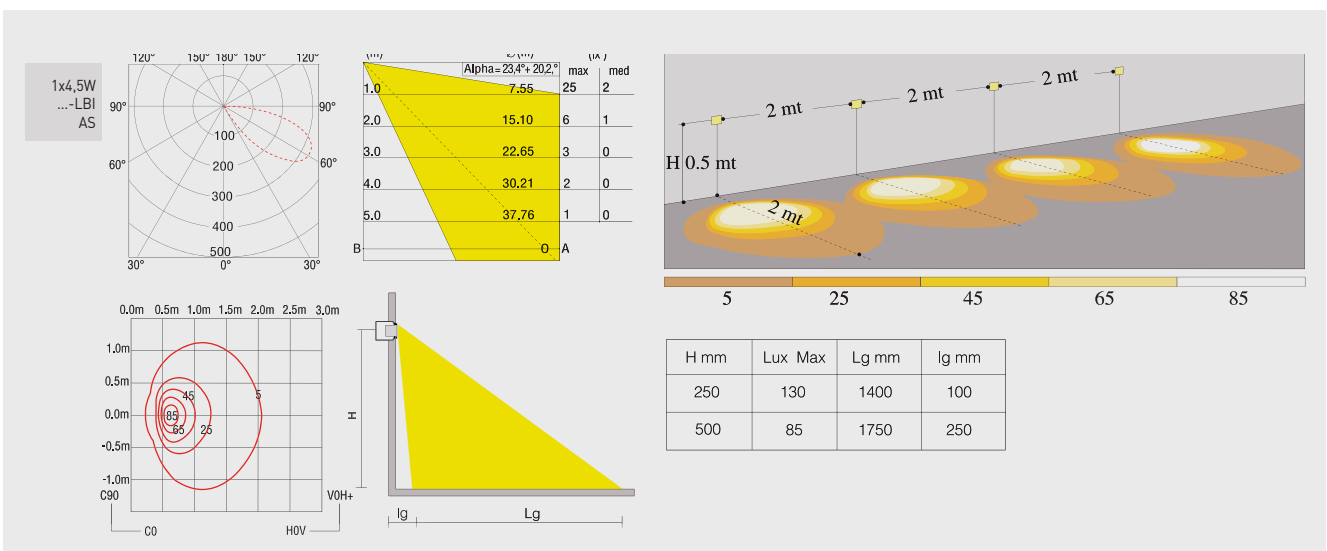
Scatola da immurare tipo 503E in dotazione
Wall box type 503E included



N.B. Montare il box 503ESE su scatola 503E ed installare come indicato

N.B. Mount 503ESE box on 503E box and install as written in the instructions

IP 65, AS, outside logo



NEW GREEN XS

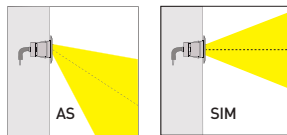
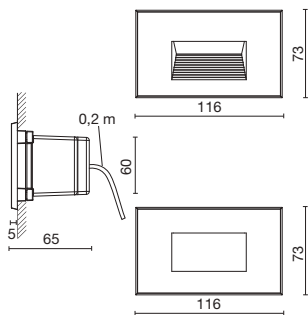


- Corpo e telaio in pressofusione di alluminio verniciato con polveri poliestere con pretrattamento speciale per esterni.
- Modulo da incasso a muro per scatole elettriche tipo 503E + 503ESE entrambe in dotazione.
- Fissaggio telaio tramite molle (a richiesta viti antivandalo).
- Guarnizioni e pressacavo in gomma silconica.
- Vetro di protezione extrachiaro per versione asimmetrica.
- Vetro di protezione opale bianco per versione simmetrica.
- Cavo di alimentazione 0,2 m. e connettori per cablaggi a tenuta stagna in dotazione.
- Alimentatore integrato.



- Aluminum die cast body and frame painted with polyester powder with pretreatment for outdoor use.
- Supplied recess wall module for electrical boxes type 503E + 503ESE.
- Springs fixing frame (on request vandal-proof screws).
- Silicon rubber seals and cable gland.
- Transparent extra light protection glass for asymmetrical frame.
- White opal protection glass for symmetrical frame.
- Power cable 0,2 m. long and connectors for harnesses tight wiring supplied.
- Integrated driver.

	LED					SISTEMA-SYSTEM		
	W	lm	V	K	CRI	W	lm	lm
LUCE ASIMMETRICA - ASYMMETRIC LIGHT								
Br E5887-LBC	4,5W	240	220-240V (350mA)	3000	>80	5,5W	104	19
Ne E5888-LBC								
Ga E5889-LBC								
LUCE SIMMETRICA - SYMMETRIC LIGHT								
Br E5890-LBC	4,5W	300	220-240V (350mA)	3000	>80	5,5W	150	27
Ne E5891-LBC								
Ga E5892-LBC								

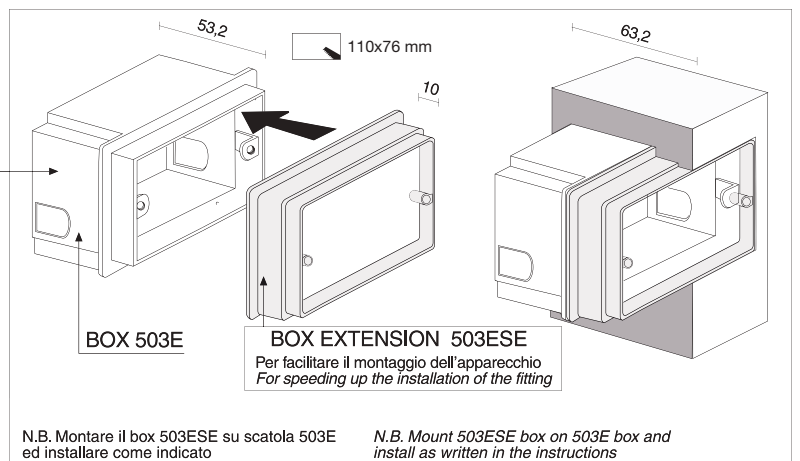
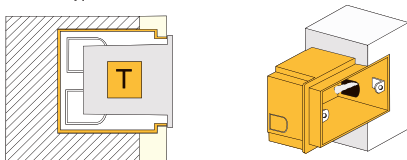


OP. A richiesta: versione con viti antivandalo Es. codice ...-V
On request: vandal-proof screws version: Ex. code ...-V



L'apparecchio si può montare anche nel solo box 503E
The fitting can be installed also using only the 503E box

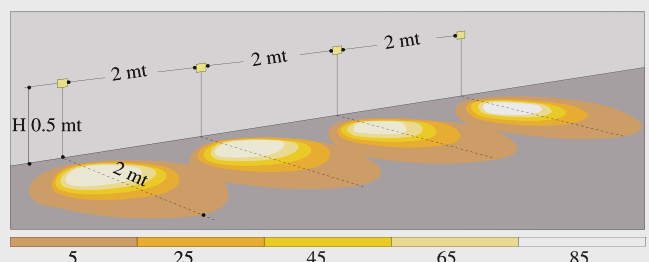
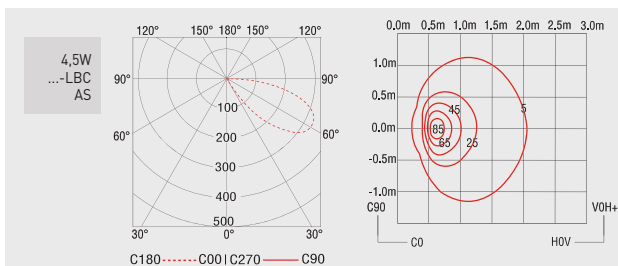
Scatola da immurare tipo 503E in dotazione
Wall box type 503E included



IP 65
IK 07



outside



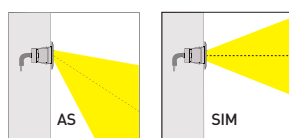
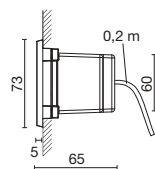
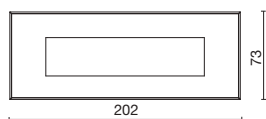
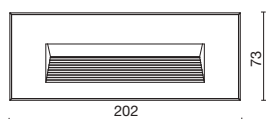


- Corpo e telaio in pressofusione di alluminio verniciato con polveri poliestere con pretrattamento speciale per esterni.
- Fissaggio telaio tramite molle (a richiesta viti antivandallo).
- Vetro di protezione extrachiario per telaio asimmetrico.
- Vetro di protezione bianco opalino per telaio simmetrico.
- Cavo di alimentazione 0,2 m. e connettori per cablaggi a tenuta stagna in dotazione.



- Aluminum die-cast body and frame painted with polyester powder with pretreatment for outdoor use.
- Springs fixing frame (on request vandal-proof screws).
- Transparent extra light protection glass for asymmetrical frame.
- White opal protection glass for symmetrical frame.
- Power cable 0,2 m. long and connectors for harenesses tight wiring supplied.

	LED	SISTEMA-SYSTEM				
		W	lm	lm/W		
 LUCE ASIMMETRICA - ASYMMETRIC LIGHT Br E5881-LBC Ne E5882-LBC Ga E5883-LBC	5W 450	220-240V (350mA)	3000	>80	6W 196	33
	5W 470	220-240V (350mA)	4000	>80	6W 204	34
	5W 450	220-240V (350mA)	3000	>80	6W 210	35
 LUCE SIMMETRICA - SYMMETRIC LIGHT Br E5884-LBC Ne E5885-LBC Ga E5886-LBC	5W 470	220-240V (350mA)	4000	>80	6W 220	37



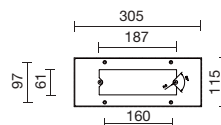
OP. A richiesta: versione con viti antivandallo Es. codice ...-V
 On request: vandal-proof screws version: Ex. code ...-V



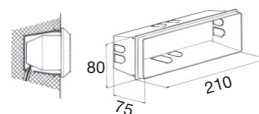
Kit piastra compensazione telaio con fori per cassaforma Green codice 319200

Kit plate compensation frame with holes for Green housing code 319200

- Br 119-06
- Ne 119-07
- Gr 119-19



ACC. 320001 Scatola da immerare
 Container for recessed wall light
 215x85 mm

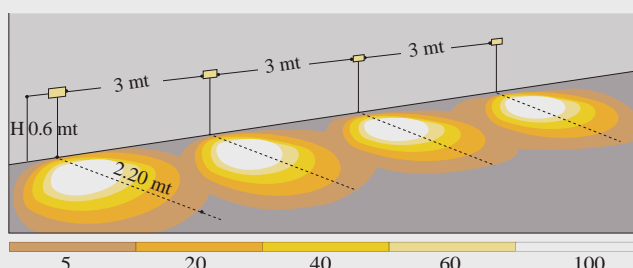
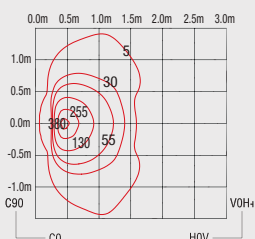
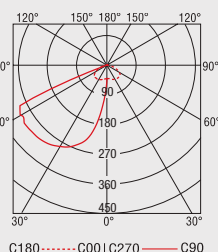


IP 65

IK 07



outside



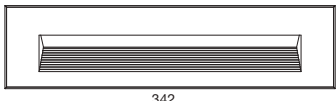
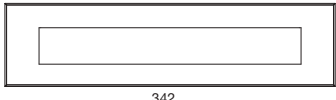


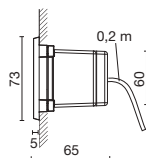


- Corpo e telaio in pressofusione di alluminio verniciato con polveri poliestere con pretrattamento speciale per esterni.
- Fissaggio telaio tramite molle (a richiesta viti antivandal).
- Vetro di protezione extrachiari per telaio asimmetrico.
- Vetro di protezione bianco opalino per telaio simmetrico.
- Cavo di alimentazione 0,2 m. e connettori per cablaggi a tenuta stagna in dotazione.

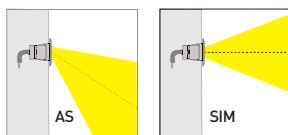
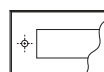
- Aluminum die-cast body and frame painted with polyester powder with pretreatment for outdoor use.
- Springs fixing frame (on request vandal-proof screws).
- Transparent extra light protection glass for asymmetrical frame.
- White opal protection glass for symmetrical frame.
- Power cable 0,2 m. long and connectors for harenesses tight wiring supplied.



	LED	SISTEMA-SYSTEM							
		W	lm	lm/W					
 LUCE ASIMMETRICA - ASYMMETRIC LIGHT Br E5875-LBC Ne E5876-LBC Ga E5877-LBC 1,20 kg	8,5W	910	220-240V (350mA)	3000	>80	9,5W	388	41	
	8,5W	950	220-240V (350mA)	4000	>80	9,5W	405	43	
	 LUCE SIMMETRICA - SYMMETRIC LIGHT Br E5878-LBC Ne E5879-LBC Ga E5880-LBC 1,20 kg	8,5W	910	220-240V (350mA)	3000	>80	9,5W	444	47
		8,5W	950	220-240V (350mA)	4000	>80	9,5W	463	49

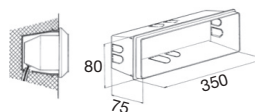


OP. A richiesta: versione con viti antivandal. Es. codice ...-V
 On request: vandal-proof screws version: Ex. code ...-V



ACC. 320000 Scatola da immerare
 Container for recessed wall light

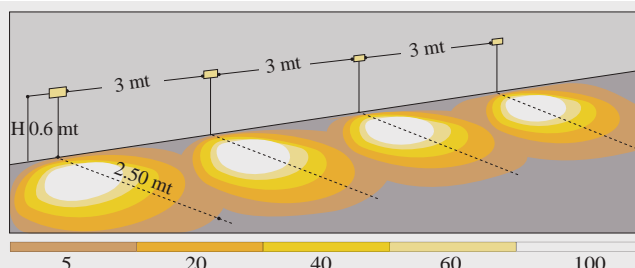
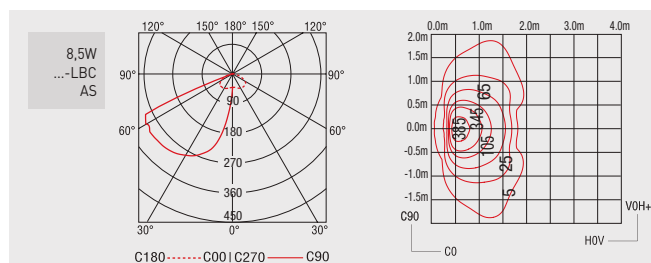
355x85 mm



IP 65 IK 07



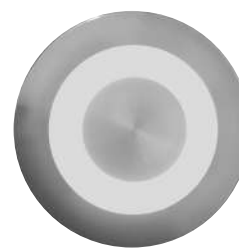
outside







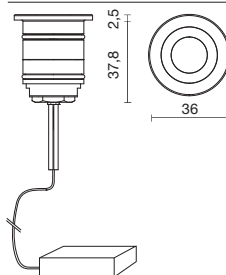
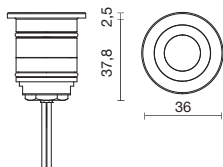
- Faretto da incasso calpestabile con corpo e ghiera in acciaio inox Aisi 316L.
- Guarnizioni gomma siliconica.
- Diffusore in policarbonato.
- Viti premiguarnizione in ottone nichelato.
- Cavo di alimentazione in neoprene 2x0,5 mm², lunghezza 500 mm.
- Led durata utile: 50.000 (h) L90 B20.
- Molla fissaggio in controsoffitto in dotazione art. 579961.
- Foro da predisporre per incasso Ø 31 mm.
- Walk-over recessed spotlight with body and trim in AISI 316L stainless steel.
- Silicon rubber gaskets.
- Polycarbonate diffuser.
- Pre-gasket screws in nickel-plated brass.
- Neoprene power cable 2x0,5 mm², length 500 mm.
- Led life: 50.000 (h) L90 B20.
- Fixing springs to the false-ceiling supplied art. 579961.
- Hole to be set up for Ø 31 mm recess.



Ø 31 mm

	45	125	(W)	(lm)	(V)	(K)	(CRI)	(T)		
E880-LBC				145		3000				
Inox E880-LBN			1,5W	155	500mA	4000	>80	-	•	-
E880-LBL				-		470nm				

ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED					
644758-5	6W	IP20	500mA	3 apparecchi - fittings	
645496	10W	IP40	500mA	6 apparecchi - fittings	
645086	20W	IP40	500mA		
645626-1	20W	IP67	500mA		



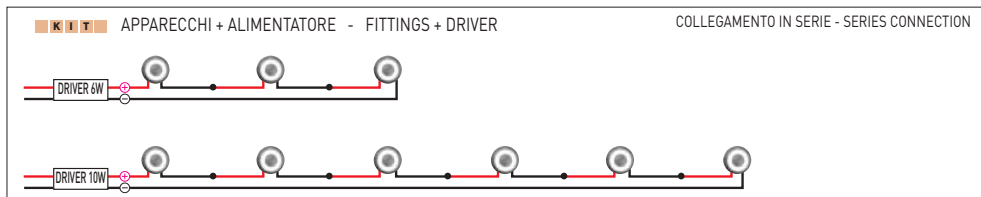
KIT 3 APPARECCHI + ALIMENTATORE - 3 FITTINGS + DRIVER										
KT-E880-LBC-3				145		3000				
Inox KT-E880-LBN-3			1,5W	155	220-240V (500mA)	4000	>80	-	•	-
KT-E880-LBL-3				-		470nm				

KIT 6 APPARECCHI + ALIMENTATORE - 6 FITTINGS + DRIVER										
KT-E880-LBC-6				145		3000				
Inox KT-E880-LBN-6			1,5W	155	220-240V (500mA)	4000	>80	-	•	-
KT-E880-LBL-6				-		470nm				



Molla di fissaggio
Fixing spring

ESEMPIO - EXAMPLE



OP. Disponibile alimentatore in emergenza - Safety driver available
 E....LRO = LED rosso-red E....LVE = LED verde-green E....LGI = LED ambra-amber



ACC. 186-3 Cassaforma per incasso - Housing for recessed		28,5
		66,5
		40







OLODUM MINI PARETE

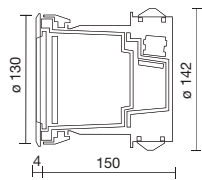
- Corpo in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
- Anello di finitura in acciaio Inox (AISI 316).
- Pressacavo in ottone nichelato PG11.
- Vetro temperato di spessore 10 mm.

- Body in die-cast aluminium with special powder treatment for outdoor use.
- Stainless steel (AISI 316) frame.
- PG11 nickel brass cable gland.
- Tempered glass 10 mm thick.

LED COB

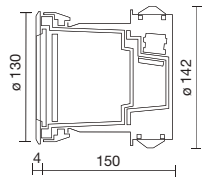


	LED	SISTEMA-SYSTEM						
		W	lm	V	K	CRI	W	lm
VETRO TRASPARENTE - TRANSPARENT GLASS Inox E8180-LBC-P23 E8180-LBN-P23 E8180-LBL-P23	tot. 3W 25 LED SMD	40	220-240V	3000 4000	>80	3W	40	13
	tot. 3W 25 LED SMD	40	220-240V	3000 4000	>80	3W	40	13
	E8184-LBC-P Inox E8184-LBN-P E8184-LBL-P	270-410 300-510	350mA 700mA	3000 6000 470nm	>80	3,6W 7,5W	373▲ 464▲	50 62



■ Il parametro più basso si riferisce sempre alla potenza inferiore - The lowest value is always referred to the lowest watt
 ▲Valori riferiti a 700mA - Data referred to 700mA

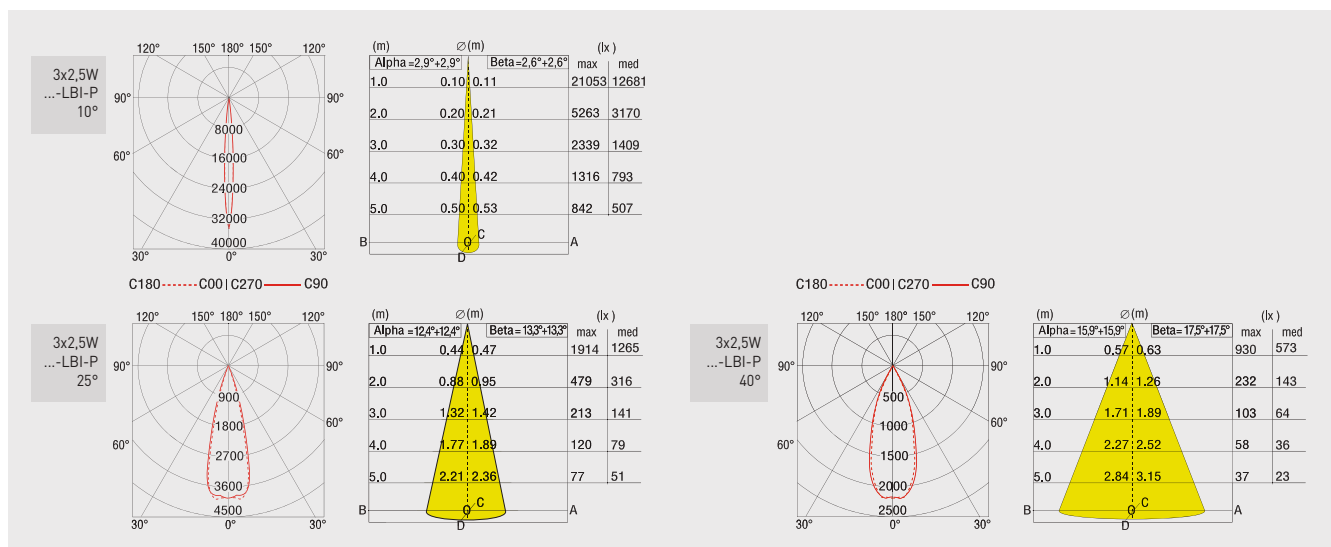
LED COB	LED	SISTEMA-SYSTEM						
		W	lm	V	K	CRI	W	lm
VETRO SATINATO - SATIN GLASS Inox E8179-LBC-P23 E8179-LBN-P23 E8179-LBL-P23	tot. 3W 25 LED SMD	40	220-240V	3000 4000	>80	3W	40	13
	tot. 3W 25 LED SMD	40	220-240V	3000 4000	>80	3W	40	13
	E8184-LBC-P Inox E8184-LBN-P E8184-LBL-P	270-410 300-510	350mA 700mA	3000 6000 470nm	>80	3,6W 7,5W	373▲ 464▲	50 62



ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED
 644759-1 ON-OFF 15W IP20 350mA
 J350-68-LED ON-OFF 15W IP68 350mA

OP. ...-TSC TORX Viti di sicurezza - Safety screws

IK 10 IP 67







PROIETTORI • PROJECTORS



537
SPOT INOX



538
SPOT 1



539
SPOT 4



541
SPOT 7
SPOT MCL



543
MICRO REEF
MCL



544
MINI REEF/
MCL



547
REEF MCL
REEF RGB



548
AZIMUTH



551
SD-HIGHBAY



552
SOLARIS
MINI MCL



553
SOLARIS MCL



555
DUNE



557
LI-LED ST



558
MINI
LONGLIGHT ST



559
LONGLIGHT ST



561
LONGLIGHT
WALL



562
LONGLIGHT
ECO ST



563
LONGLIGHT
ECO WALL



565
NEW ACTIVA



567
FIN



569
MICRO LEDLINE
TONDO



571
MINI LEDLINE
TONDO





- Corpo e ghiera vano ottico in acciaio inox (AISI 316L).
- Fissaggio a terra, parete, plafone con staffa in acciaio inox in dotazione.
- Modulo Led con lente concentrante.
- Vetro di protezione extrachiaro.
- Guarnizioni in gomma siliconica.
- Cavo di alimentazione WRN 2x0,50 mmq. lunghezza 1 m. in dotazione.
- Vite premi guarnizione in ottone nichelato.
- Led durata utile: 50.000 (h) L80 B10.
- Profondità d'installazione 1 m. max.

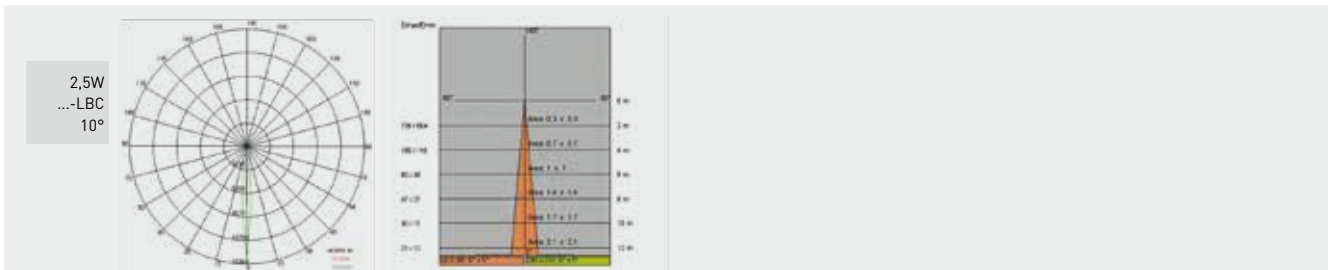
- Stainless steel (AISI 316L) body and optical tray ferrule.
- Supplied floor, wall, ceiling fixing with stainless steel bracket.
- LED module with concentrating lens.
- Extra light protection glass.
- Silicon rubber gaskets.
- Supplied power cable WRN 2x0,50 sqmm. length 1 m.
- Packing nut of nickel-plated brass.
- Led life: 50.000 (h) L80 B10
- 1 m. max depth.



	Inox E918-LBC E918-LBN	2,5W 170 700mA 3000 / 4000 >80
ALIMENTATORI CONSIGLIATI (n. 1 per ogni faretto) - DRIVERS RECOMMENDED (n. 1 for each item)		
644940-67 ON-OFF 12W IP67 645122 ON-OFF 8W IP20 644940 ON-OFF 12W IP40 700mA 644936 ON-OFF 25W IP40		
644757 DIMM 1÷10/PUSH 25W 645384 DIM 1÷10/PUSH 50W 644757-DA DIM DALI 32W IP20 700mA 645384-DA DIM 1÷10/PUSH/DALI 50W 645839-I DIM DALI 25W		
OP.	*A richiesta - On request: apertura fascio - light beam disponibile - available	
ACC.	E8007 Picchetto da interrare - Pike for ground installation	

		KIT APPARECCHIO + ALIMENTATORE - FITTING + DRIVER
	Inox KTE918-LBC KTE918-LBN	3,5W 170 220-240V (700mA) 3000 / 4000 >80

▲ Solo apparecchio - Only fitting



SPOT 1



- Corpo staffa e basette in alluminio verniciato.
 - Ghiera frontale e posteriore in alluminio ossidato opaco.
 - Corrente di alimentazione: 350-700mA costante.
 - Cavo di alimentazione lunghezza 1 m.
- Housing and adjustable bracket made of painted aluminium.
 - Front and rear trim made of opaque oxidized aluminium.
 - Supply current: 350-700mA constant.
 - Power cable length 1 m.



Inox	E902-LBC	10	1x1,2W	80-135	350mA	3000	>80
	E902-LBI		1x2,5W	100-170	700mA	6000	

■ Il parametro più basso si riferisce sempre alla potenza inferiore - The lowest value is always referred to the lowest watt

K I T APPARECCHIO + ALIMENTATORE - FITTING + DRIVER							
Gr	KTE902-LBC		135		220-240V	3000	
	KTE902-LBI		170		(700mA)	6000	>80
	KTE902-LBL		-			470nm	



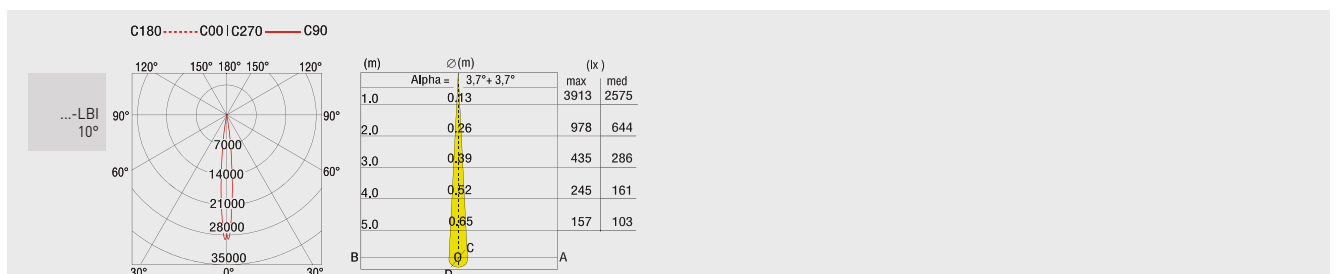
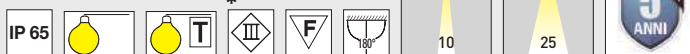
OP. *A richiesta: apertura fascio - On request: light beam

ACC.	Basetta con alimentatore - Base plate with transformer			
E8005	350mA	IP65		
E8006	700mA			

(a)

(b)

*Solo apparecchio - Only fitting





- Staffa in acciaio inox.
- Corpo in alluminio pressofuso.
- Vetro di protezione.
- Guarnizioni in gomma siliconica.
- Cavo di alimentazione lunghezza 1 m.
- Profondità d'installazione 1 m. max.

- Steel inox bracket.
- Die-cast aluminium body.
- Protection glass.
- Silicon rubber gaskets.
- Power cable length 1 m.
- 1 m. max depth.



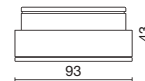
		Ⓜ	ℓm	V	K	CRI
	Gr	E920-LBC	4x1,2W	420	3000	
		E920-LBI		480	6000	>80
		E920-LBL		-	470nm	
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED						
		644758	ON-OFF	6W	IP20	350mA
		644759-1	ON-OFF	15W	IP20	350mA
		644258-67	ON-OFF	13W	IP20	350mA
		644940	ON-OFF	12W	IP40	700mA
		644936	ON-OFF	25W	IP40	700mA
		644940-67	ON-OFF	12W	IP40	700mA
		644936-67	ON-OFF	27W	IP40	700mA



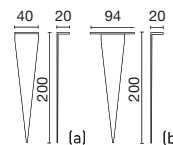
OP. *A richiesta - On request: apertura fascio - light beam
 colorazioni bianco Br - nero Ne - cromato Cr - colour white Br - black Ne - chrome Cr
 disponibile - available

ACC. Basetta con alimentatore - Base plate with transformer

E8005 350mA IP65



E8007 Picchetto da interrare - Pike for ground installation (a)
 E8004 Picchetto per basetta - Pike for base plate (b)

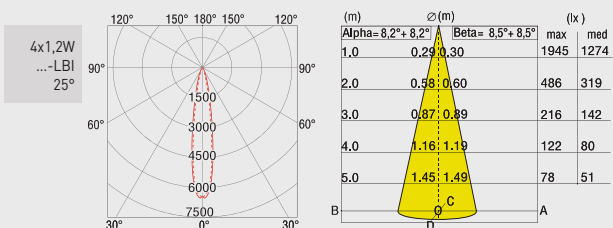


IP 68



outside

C180-----C00|C270-----C90







SPOT 7- SPOT MCL

- Staffa in acciaio inox.
- Corpo in alluminio verniciato.
- Vetro di protezione.
- Guarnizioni in gomma silconica.
- Cavo di alimentazione lunghezza 1 m.
- Profondità d'installazione 1 m. max.

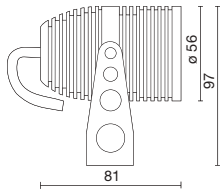
- Steel inox bracket.
- Painted aluminium housing.
- Protection glass.
- Silicon rubber gaskets.
- Power cable length 1 m.
- 1 m. max depth.



SPOT 7

SPOT MCL

	LED					SISTEMA-SYSTEM		
	W	lm	V	K	CRI	W	lm	lm/W
SPOT 7								
E921-LBC	566	700	350mA	3000	>80	464	58	
Gi E921-LBI	7x1,2W	700		6000		574	72	
E921-LBL	-	-		470nm		-	-	



IP68
0,50 kg

SPOT 7

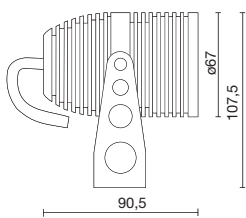
- E921-LBC
- Gi E921-LBI
- E921-LBL

ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

644759-1	ON-OFF	15W	IP20	350mA
646258-1	ON-OFF	13W	IP67	350mA

OP. *A richiesta - On request: apertura fascio - light beam

colorazioni bianco Br - nero Ne - cromato Cr - colour white Br - black Ne - chrome Cr



IP68
0,75 kg

SPOT MCL

- Gi E919-LBC-25
- E919-LBN-25
- Gi E919-LBC-40
- E919-LBN-40

E919-LBC-25	8,8W	1220	250mA	3000	>80	9,8W	1105	113
E919-LBN-25	9W	900	500mA	4000		10W	752	82
E919-LBC-40	8,8W	1220	250mA	3000	>80	9,8W	1120	115
E919-LBN-40	9W	900	500mA	4000		10W	825	83

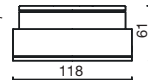
ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED

645981	ON-OFF	9W	IP20	250mA
646421	ON-OFF	10W	IP67	250mA
645086	ON-OFF	20W	IP40	500mA
645626-1	ON-OFF	20W	IP67	500mA

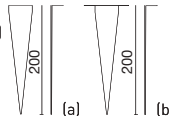
OP. *A richiesta - On request: disponibile - available

ACC. Basetta con alimentatore - Base plate with transformer

E8008	per SPOT 7	350mA	IP65
E8009	per SPOT MCL	500mA	



- E8007 Picchetto da interrare - Pike for ground installation (a)
- E8004 Picchetto per basetta - Pike for base plate (b)

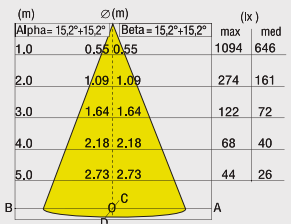
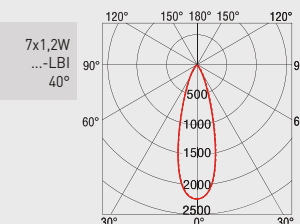
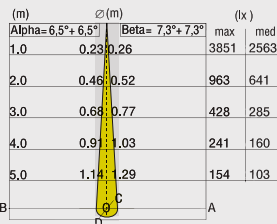
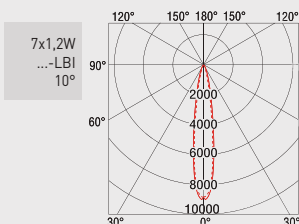


IP 68



outside

C180-----C00 | C270 ----- C90







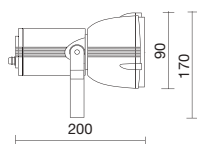
MICRO REEF MCL



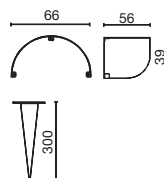
- Corpo orientabile in pressofusione di alluminio.
- Staffa regolabile verniciata.
- Verniciatura in poliestere con pretrattamento speciale per esterni.
- Vetro trasparente extrachiario.
- Bloccacavo in ottone nichelato PG7.
- Guarnizioni in silicone resistente ad alte temperature.
- Cavo di alimentazione lunghezza 1 m.
- Led durata utile: 50.000 (h) L80 B10.

- Adjustable body made of die-cast aluminium.
- Adjustable bracket painted.
- Polyester painted with pre-treatment for outdoor use.
- Transparent extra light glass.
- Cable gland of nickel plated brass PG7.
- Silicon gasket high temperature resistant.
- Power cable length 1 m.
- Led life: 50.000 (h) L80 B10.

	10	25	LED					SISTEMA-SYSTEM					
			W	lm	V	K	CRI	W	lm	lm/W			
Br E1085-LBC-10	E1085-LBC-25												
Ne E1086-LBC-10	E1086-LBC-25		9W	830	220-240V (250mA)	3000	>80	10W	758	76	[10°]		
Gr E1087-LBC-10	E1087-LBC-25										[25°]		
Br E1085-LBI-30	E1085-LBI-60												
Ne E1086-LBI-30	E1086-LBI-60		9W	900	220-240V (250mA)	4000	>80	10W	822	82	[10°]		
Gr E1087-LBI-30	E1087-LBI-60										[25°]		



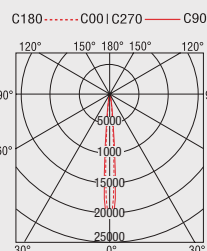
- ACC.
- Br E1035
 - Ne E1036 Palpebra - Eyelid
 - Gr E1037
- E1031 Picchetto inox - Inox pike



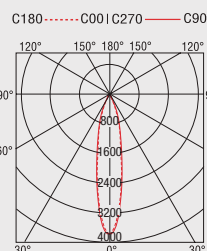
IK06
IP66



outside



(m)	∅ (m)	(lx)	max	med
1,0	0,13	0,16	17757	11860
2,0	0,26	0,32	4439	2965
3,0	0,39	0,49	1973	1318
4,0	0,52	0,65	1110	741
5,0	0,64	0,81	710	474



(m)	∅ (m)	(lx)	max	med
1,0	0,35	0,37	3204	1994
2,0	0,70	0,74	801	498
3,0	1,05	1,1	356	222
4,0	1,40	1,48	200	125
5,0	1,75	1,85	128	80

MINI REEF

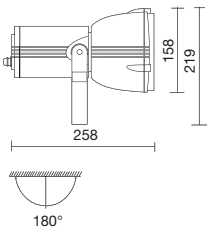


- Corpo orientabile in pressofusione di alluminio.
- Staffa regolabile verniciata.
- Verniciatura in poliestere con pretrattamento speciale per esterni.
- Vetro in borosilicato trasparente.
- Bloccacavo in ottone nichelato PG11.
- Guarnizioni in silicone resistente ad alte temperature.
- Cavo di alimentazione lunghezza 2 m.

- Adjustable body made of die-cast aluminium.
- Adjustable bracket painted.
- Polyester painted with pre-treatment for outdoor use.
- Borosilicate transparent glass.
- Cable gland of nickel plated brass PG11.
- Silicon gasket high temperature resistant.
- Power cable length 2 m.



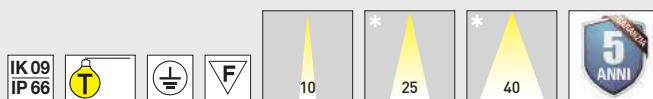
	IP	LED	SISTEMA-SYSTEM					
			W	lm	lm/W			
Br E1064-LBC Ne E1065-LBC Gr E1066-LBC	10	9x1,2W 845	220-240V (350mA)	3000	>80	11,8W	771	65
Br E1064-LBN Ne E1065-LBN Gr E1066-LBN	2,70	9x1,2W 870	220-240V (350mA)	6000	>80	11,8W	793	67
Br E1064-LBL Ne E1065-LBL Gr E1066-LBL		9x1,2W -	220-240V (350mA)	470nm	>80	-	-	-



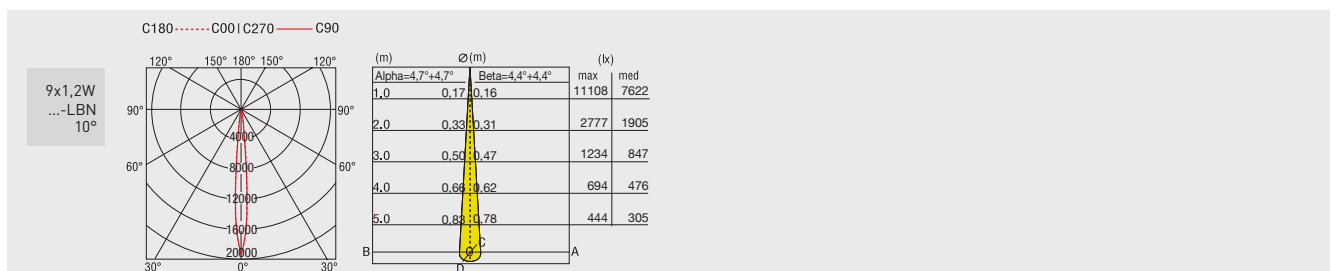
OP. *A richiesta - On request: apertura fascio - light beam

ACC.	Br	Ne	Gr	Description	Dimensions
	E1067	E1068	E1069	Palpebra - Eyelid	130, 80, 60
	E1031			Picchetto inox - Inox pike	300
	E1070	E1071	E1072	Aletta singola - Single flap	110, 57

Ne E1038 Kit attacco palo - Pole bracket kit
Gr E1039



outside

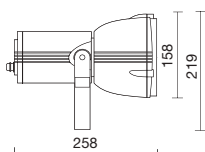




- Corpo orientabile in pressofusione di alluminio.
- Staffa regolabile verniciata.
- Verniciatura in poliestere con pretrattamento speciale per esterni.
- Vetro trasparente.
- Bloccacavo in ottone nichelato PG11.
- Guarnizioni in silicone resistente ad alte temperature.
- Cavo di alimentazione lunghezza 2 m.

- Adjustable body made of die-cast aluminium.
- Adjustable bracket painted.
- Polyester painted with pre-treatment for outdoor use.
- Transparent glass.
- Cable gland of nickel plated brass PG11.
- Silicon gasket high temperature resistant.
- Power cable length 2 m.

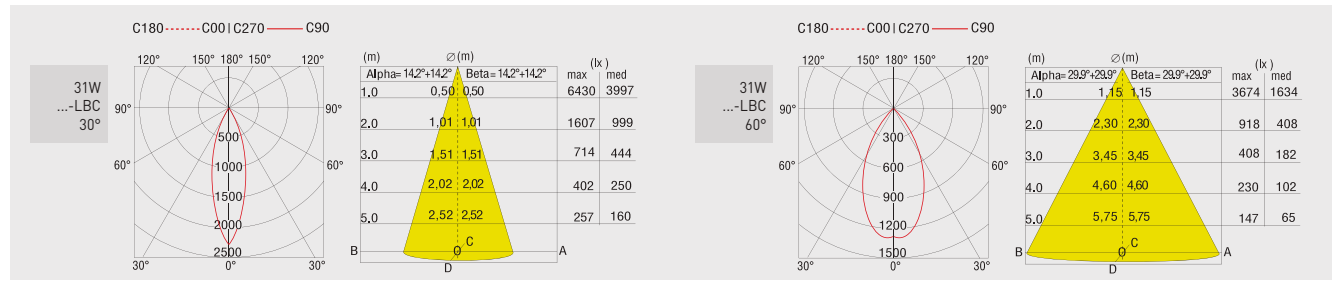
	15	30	60	LED					SISTEMA-SYSTEM			
				W	lm	V	K	CRI	W	lm	lm/W	
Br E1080-LBC	E1074-LBC	E1077-LBC		29W	3950	220-240V (850mA)	3000	>80	33W	3235	98	(15°)
Ne E1081-LBC	E1075-LBC	E1078-LBC	2916							88	(30°)	
Gr E1082-LBC	E1076-LBC	E1079-LBC	2970							90	(60°)	
Br E1080-LBN	E1074-LBN	E1077-LBN		29W	4195	220-240V (850mA)	4000	>80	33W	3418	104	(15°)
Ne E1081-LBN	E1075-LBN	E1078-LBN	3081							94	(30°)	
Gr E1082-LBN	E1076-LBN	E1079-LBN	3140							95	(60°)	



JKGL
2,80

OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**

ACC.	Br	Ne	Gr	Description	Dimensions
	E1067	E1068	E1069	Palpebra - Eyelid	130, 80, 60
	E1031			Picchetto inox - Inox pike	300
	E1070	E1071	E1072	Aletta singola - Single flap	110, 57
	E1038	E1039		Kit attacco palo - Pole bracket kit	





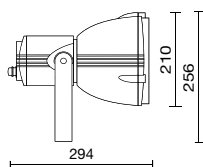
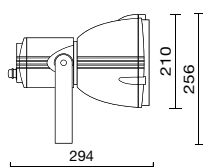
IK 06 IP 66													outside
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REEF MCL - REEF RGB

- Corpo orientabile in pressofusione di alluminio.
- Staffa regolabile verniciata.
- Verniciatura in poliestere con pretrattamento speciale per esterni.
- Vetro in borosilicato trasparente.
- Bloccacavo in ottone nichelato PG13,5.
- Guarnizioni in silicone resistente ad alte temperature.
- Cavo di alimentazione lunghezza 2 m.

- Adjustable body made of die-cast aluminium.
- Adjustable bracket painted.
- Polyester painted with pre-treatment for outdoor use.
- Borosilicate transparent glass.
- Cable gland of nickel plated brass PG13,5.
- Silicon gasket high temperature resistant.
- Power cable length 2 m.



			LED					SISTEMA-SYSTEM		
			W	lm	V	K	CRI	W	lm	lm/W
REEF MCL	Ne	E1027-LBC-15 E1027-LBC-25 E1027-LBC-40	40W	6000	220-240V (1150mA)	3000	>80	44W	5444	124 (15°)
	Gr	E1028-LBC-15 E1028-LBC-25 E1028-LBC-40							5405	123 (25°)
	Ne	E1027-LBC-15 E1027-LBC-25 E1027-LBC-40	40W	6250	220-240V (1150mA)	4000	>80	44W	5670	129 (15°)
	Gr	E1028-LBC-15 E1028-LBC-25 E1028-LBC-40							5630	128 (25°)
									5795	122 (40°)
									5620	127 (40°)

OP. *A richiesta: apertura fascio - On request: light beam
disponibile - available



			W	lm	V	K	CRI
REEF RGB	Ne	E1010-RGB-10 E1010-RGB-30 E1010-RGB-45	15x1,2W			350mA	
	Gr	E1011-RGB-10 E1011-RGB-30 E1011-RGB-45					

ACC.

Per versione RGB - For RGB version			
644892-1	Alimentatore - Driver MASTER	IP20	7W 350mA
644892-4	Alimentatore - Driver SLAVE	IP20	7W 350mA
646375	Alimentatore - Driver		50W 350mA DMX
645262	Centralina DMX - DMX Control gear case	IP20	12Vac

OP. **A richiesta: versione RGBW potenza totale 57,5W - On request: RGBW version total power 57,5W**

E1010-RGBW-35	Apparecchio - Fitting
E1010-RGBW-20	Apparecchio - Fitting
646375	Alimentatore - Driver
645262	Centralina DMX - DMX Control gear case 12Vac

Esempio ordinazione - Order exampling

E1010-RGBW-35 + 646375 + 645262

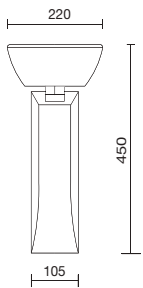
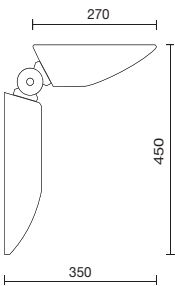
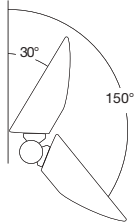
ACC.	Ne E1020	Palpebra - Eyelid	
	Gr E1021		
	- E1030	Picchetto Inox - Inox pike	
	Ne E1025	Aletta singola - Single flap	
	Gr E1026		
	Ne E1038	Kit attacco palo - Pole bracket kit	
	Gr E1039		

AZIMUTH



- Proiettore in pressofusione di alluminio.
- Vetro di protezione extrachiario temperato.
- Orientamento corpo proiettore 30÷150°.
- Cavo di alimentazione lunghezza 0,3 m.

- Spot made of die-cast aluminium.
- Extra transparent glass tempered.
- Adjustable body 30÷150°.
- Power cable length 0,3 m.



3,90 Kg



Br E1115-LBC
Ne E1116-LBC
Gr E1117-LBC



Br E1115-LBI
Ne E1116-LBI
Gr E1117-LBI



Br E1115-RGB
Ne E1116-RGB
Gr E1117-RGB

		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm
		34W	3060	220-240V (650mA)	3000	>80	38W	2473	65
		34W	3760	220-240V (650mA)	4000	>80	38W	3039	80
		14W	624	350mA		-	-	-	-



ACC.

- Per versione RGB - For RGB version
- 645247 Alimentatore+Miscelatore - Driver+Mixer
 - 645246 Controller IR - IR controller
 - 645245 Telecomando - Remote

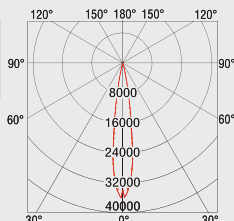
IP 65



outside

C180.....C00|C270 — C90

16x2,1W
...-LBI
10°

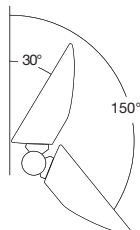


(m)	∅(m)		(lx)	
	Alpha = 4.0° ± 4.0°	Beta = 3.7° ± 3.7°	max	med
1.0	0.14	0.13	31866	23237
2.0	0.28	0.26	7967	5809
3.0	0.42	0.39	3541	2582
4.0	0.55	0.52	1992	1452
5.0	0.69	0.65	1275	929



- Proiettore in pressofusione di alluminio.
- Vetro di protezione extrachiaro temperato.
- Orientamento corpo proiettore 30÷150°.
- Cavo di alimentazione lunghezza 0,3 m.

- Spot made of die-cast aluminium.
- Extra transparent glass tempered.
- Adjustable body 30÷150°.
- Power cable length 0,3 m.

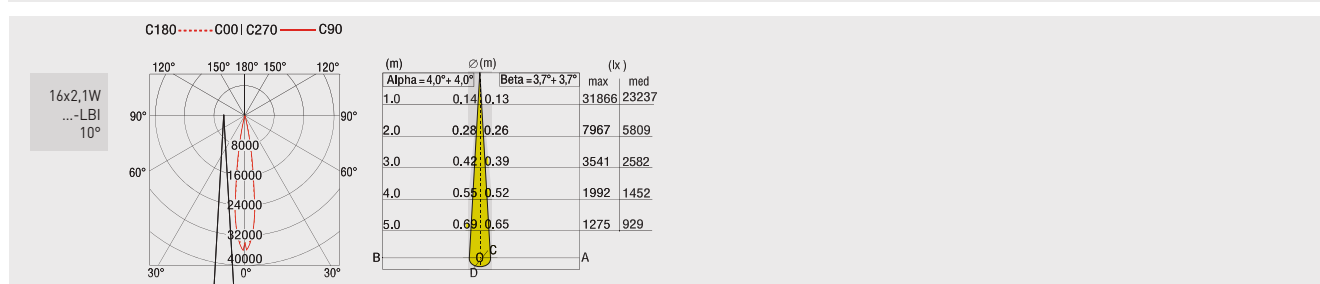


	LED	SISTEMA-SYSTEM							
		W	lm	lm/W					
	Br E1124-LBC Ne E1125-LBC Gr E1126-LBC	34W	3060	220-240V (650mA)	3000	>80	38W	2473	65
	Br E1124-LBI Ne E1125-LBI Gr E1126-LBI	34W	3760	220-240V (650mA)	4000	>80	38W	3039	80
	ALIMENTATORI CONSIGLIATI - DRIVERS RECOMMENDED 645846 ON-OFF 27-50W IP20 350-1050mA								

	Br E1118-LBC Ne E1119-LBC Gr E1120-LBC	34W	3060	650mA	3000	>80	38W	2473	65
	Br E1118-LBI Ne E1119-LBI Gr E1120-LBI	34W	3760	650mA	4000	>80	38W	3039	80
	Br E1118-RGB Ne E1119-RGB Gr E1120-RGB	14W	624	350mA					

OP. *A richiesta: apertura fascio - On request: light beam

ACC. Per versione RGB - For RGB version
 645247 Alimentatore+Miscelatore - Driver+Mixer
 645246 Controller IR - IR controller
 645245 Telecomando - Remote

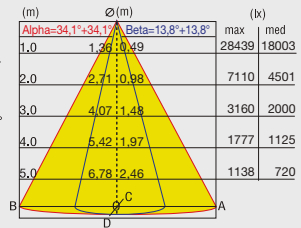
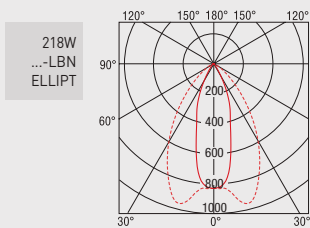
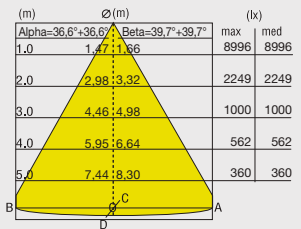
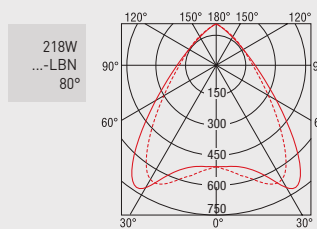
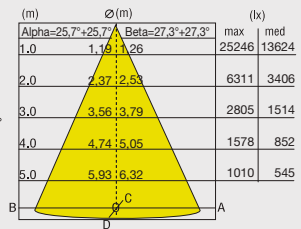
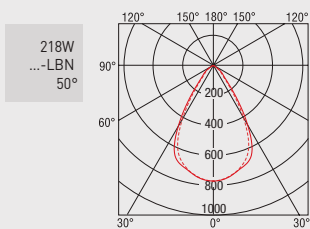




IP 65
IK 08



outside





- Corpo in alluminio pressofuso con alette dissipanti integrate.
- Verniciatura con polveri di poliestere con trattamento speciale per esterni.
- Riflettore in alluminio purissimo.
- Vetro di protezione spessore 4 mm temperato extrachiario.
- Connettore stagno IP68 presa/spina ad innesto rapido.
- Dispositivo di protezione sovratensioni 10 KV.
- Ta -25+40°C.
- Led durata utile: 85.000 (h) L80 B10.
- Costanza cromatica: 2 SDCM.
- Fattore di potenza > 0,95.
- Lumen tipici aTp. 65°, Temperatura rilevata Tp 62°C.
- Utilizzabile con linee di emergenza ad alimentazione centralizzata.

- Die-cast aluminum body with integrated dissipating fins.
- Painting with polyester powders with special treatment for outdoor use.
- Reflector in pure aluminum.
- Clear tempered glass diffuser 4mm thick.
- IP68 quick plug and socket.
- 10 KV overvoltage protection device.
- Working temperature: -25 +40°C.
- Led life: 85.000 (h) L80 B10.
- Color precision: 2 SDCM.
- Power factor > 0.95.
- Lumen typical values aTp. 65°, Temperature detected Tp 62°C.
- Usable with emergency lines with centralized power-supply.

				LED					SISTEMA-SYSTEM			
				W	lm	V	K	CRI	W	lm		
	SOSPENSIONE - SUSPENSION											
	GrA	E6000-LBN	E6005-LBN	E6010-LBN	218W	32640	220-240V (1050mA)	4000	>80	234W*	28530*	122
	GrA	E6001-LBN	E6006-LBN	E6011-LBN	148W	21720	220-240V (1050mA)	4000	>80	164W*	18219*	111
	GrA	E6003-LBN	E6007-LBN	E6009-LBN	82W	13560	220-240V (600mA)	4000	>80	92W*	11374*	124
	GrA	E6000-LBN-DA	E6005-LBN-DA	E6010-LBN-DA	218W	32640	220-240V (1050mA)	4000	>80	234W*	28530*	122
GrA	E6001-LBN-DA	E6006-LBN-DA	E6011-LBN-DA	148W	21720	220-240V (1050mA)	4000	>80	164W*	18219*	111	

	PARETE/PLAFONE - WALL/CEILING											
	GrA	E6000-LBN-P	E6005-LBN-P	E6010-LBN-P	218W	32640	220-240V (1050mA)	4000	>80	234W*	28530*	122
	GrA	E6001-LBN-P	E6006-LBN-P	E6011-LBN-P	148W	21720	220-240V (1050mA)	4000	>80	164W*	18219*	111
	GrA	E6003-LBN-P	E6007-LBN-P	E6009-LBN-P	82W	13560	220-240V (600mA)	4000	>80	92W*	11374*	124
	GrA	E6000LBN-DA-P	E6005LBN-DA-P	E6010LBN-DA-P	218W	32640	220-240V (1050mA)	4000	>80	234W*	28530*	122
GrA	E6001LBN-DA-P	E6006LBN-DA-P	E6011LBN-DA-P	148W	21720	220-240V (1050mA)	4000	>80	164W*	18219*	111	

OP. A richiesta - On request: griglia di protezione - protection grid



ACC. E6002 Paraluce - Lens hood



*Valori riferiti agli apparecchi con fascio luminoso da - Value for fittings with beam angle

SOLARIS MINI MCL



- Corpo in pressofusione di alluminio.
- Verniciatura in polveri epossidiche con trattamento speciale per esterni.
- Riflettore in alluminio purissimo, finitura PVD.
- Vetro di protezione chiaro serigrafato temprato.
- Guarnizioni e passacavo in gomma siliconica.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.



- Body in die-cast aluminium.
- Epoxy powder coated painting with special treatment for outdoors.
- Pure aluminium reflector, PVD finish.
- Tempered light protection glass.
- Silicon rubber gaskets and cable gland.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.

			LED					SISTEMA-SYSTEM			
			W	lm	V	K	CRI	W	lm	lm/W	
	Br	67960-LBC	67966-LBC	11,5W	1840	220-240V (350mA)	3000	>80	13,5W	1370	101
	Ne	67961-LBC	67967-LBC								
	Gr	67962-LBC	67968-LBC								
	Br	67960-LBN	67966-LBN	11,5W	1950	220-240V (350mA)	4000	>80	13,5W	1380	102
	Ne	67961-LBN	67967-LBN								
	Gr	67962-LBN	67968-LBN								
			/PUSH								
			11,5W	1840	220-240V (350mA)	3000	>80	13,5W	1370	101	
Br	67960-LBC-DA	67966-LBC-DA									
Ne	67961-LBC-DA	67967-LBC-DA									
			12,4W	1650	220-240V (350mA)	4000	>80	13,5W	1380	102	
Br	67960-LBN-DA	67966-LBN-DA									
Ne	67961-LBN-DA	67967-LBN-DA									
			67962-LBN-DA	67968-LBN-DA							





- Corpo in pressofusione di alluminio.
- Verniciatura in polveri epossidiche con trattamento speciale per esterni.
- Riflettore in alluminio purissimo, finitura PVD.
- Vetro di protezione chiaro serigrafato temprato.
- Guarnizioni e passacavo in gomma silconica.
- Led durata utile: 50.000 (h) L90 B20.
- Costanza cromatica: 3 SDCM.



- Body in die-cast aluminium.
- Epoxy powder coated painting with special treatment for outdoors.
- Pure aluminium reflector, PVD finish.
- Tempered light protection glass.
- Silicon rubber gaskets and cable gland.
- Led life: 50.000 (h) L90 B20.
- Chromatic constancy: 3 SDCM.

	LED	SISTEMA-SYSTEM		
		W	lm	lm/W
 Br 67950-LBC Ne 67951-LBC Gr 67952-LBC	40W 5880	220-240V (600mA)	3000 >80	44W 5350 121
 Br 67950-LBN Ne 67951-LBN Gr 67952-LBN	40W 6260	220-240V (600mA)	4000 >80	44W 5630 128
/PUSH				
 Br 67950-LBC-DA Ne 67951-LBC-DA Gr 67952-LBC-DA	40W 5880	220-240V (600mA)	3000 >80	44W 5350 121
Br 67950-LBN-DA Ne 67951-LBN-DA Gr 67952-LBN-DA	40W 6260	220-240V (600mA)	4000 >80	44W 5630 128



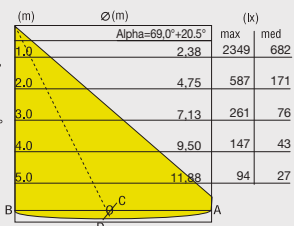
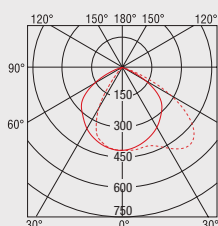
OP. A richiesta - On request: **CRI > 90**
 versioni dimmerabili 1÷10V - dimmable 1÷10V
 classe - class

IP 65
IK 06



outside

C180.....C00 | C270 — C90





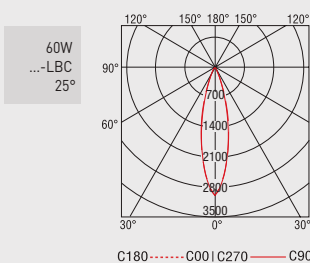
IP 65



RG 0

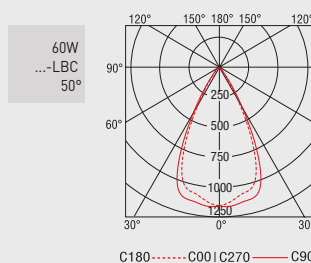


outside



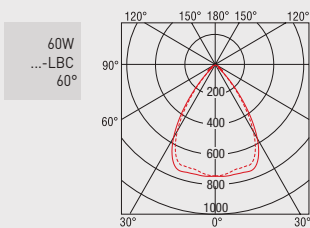
(m)	Ø (m)		(lx)	
	Alpha=12,2°+12,2°	Beta=12,6°+12,6°	max	med
1,0	0,43	0,45	15096	8829
2,0	0,87	0,89	3774	2207
3,0	1,30	1,34	1677	981
4,0	1,73	1,78	943	552
5,0	2,17	2,23	604	353

C180 - - - - C00 | C270 - - - - C90

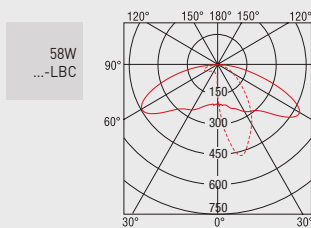


(m)	Ø (m)		(lx)	
	Alpha=26,2°+26,2°	Beta=27,7°+27,7°	max	med
1,0	0,96	1,05	4863	2898
2,0	1,97	2,10	1216	725
3,0	2,95	3,15	540	322
4,0	3,93	4,20	304	181
5,0	4,91	5,25	195	116

C180 - - - - C00 | C270 - - - - C90



(m)	Ø (m)		(lx)	
	Alpha=34,7°+34,7°	Beta=36,0°+36,0°	max	med
1,0	1,38	1,45	3190	1638
2,0	2,77	2,90	798	410
3,0	4,15	4,36	354	182
4,0	5,53	5,81	199	102
5,0	6,91	7,26	128	66



(m)	Ø (m)		(lx)	
	Alpha=34,7°+34,7°		max	med
1,0		0,38	3190	1638
2,0		2,77	798	410
3,0		4,15	354	182
4,0		5,53	199	102
5,0		6,91	128	66

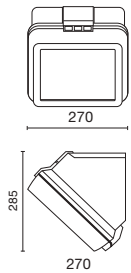


- Corpo e cornice in pressofusione di alluminio.
- Vernice in polveri con pretrattamento speciale per esterni.
- Vetro di protezione.
- Riflettore in alluminio purissimo.

- Housing and frame of die-cast aluminium.
- Powder coated with special treatment for outdoor use.
- Protection glass.
- Reflector of very pure aluminium.



				LED					SISTEMA-SYSTEM			
				W	lm	V	K	CRI	W	lm	lm/W	
				60W	5010 6180	220-240V (700mA)	3000 4000	>80	64W	4230 5223	66 81	(25°) (65°)



OP. * A richiesta - On request: lenti per fascio asimmetrico - lenses for asymmetric beam

ACC.			Kit sostituzione sorgente tradizionale con modulo Led - Traditional source replacement with Led module kit				
	Ne 699938-LBC	699942-LBC	Kit Led	50W	3000K		
	Ne 699938-LBN	699942-LBN	Kit Led	50W	4000K		

Ne E4052 Braccio Arm

Ne E4050 Staffa orientabile Adjustable bracket

Ne E4054 Palo A da interrare Pole A mounted on spike

Ne E4056-3 Palo da interrare H = 3 m
Ne E4056-6 Pole mounted on spike H = 6 m

Ne E4058 Palo A da pavimento Pole A floor fixture

Ne E4055 Attacco palo ø 60 mm Pole attack ø 60 mm






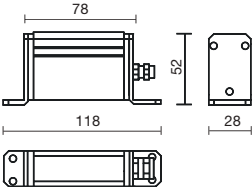


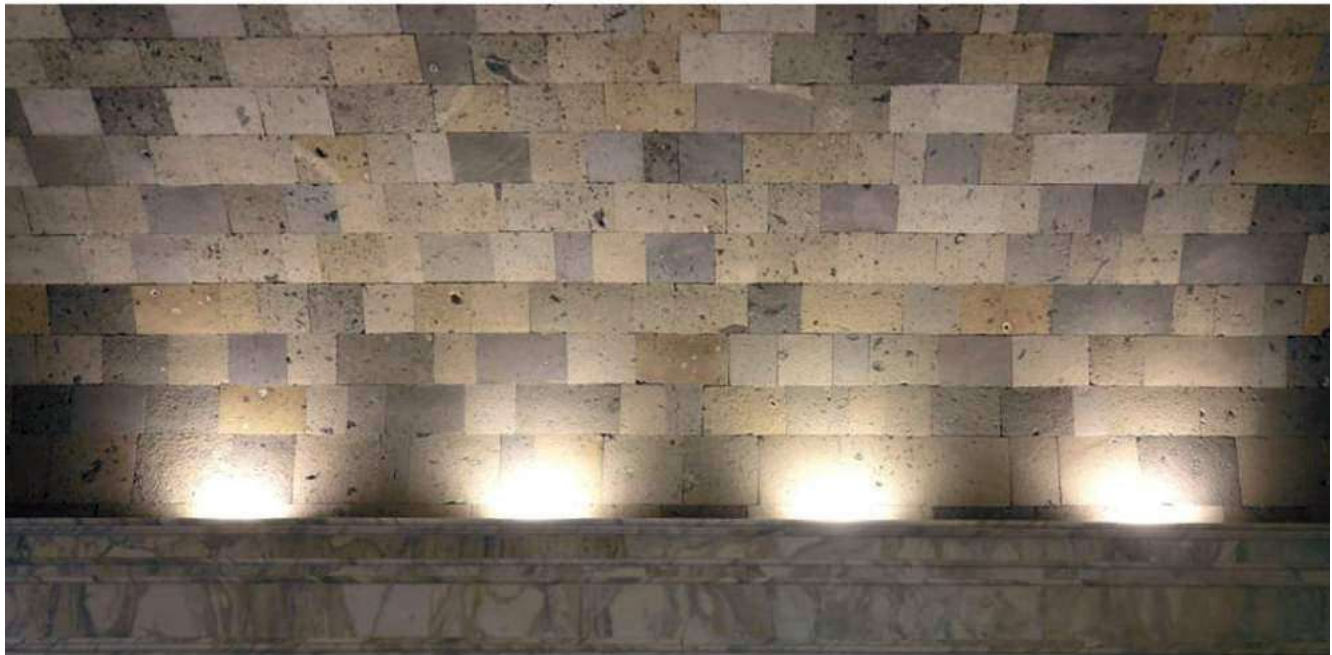


- Corpo in estruso di alluminio anodizzato nero.
- Viti in acciaio Inox.
- Guarnizioni in gomma siliconica.
- Lente in PMMA.
- Vetro di protezione trasparente serigrafato spessore 8 mm.
- Pressacavo in ottone nichelato PG7.
- Cavo di alimentazione 2x0,75 lunghezza 1 m.



- Estruded aluminium body anodized black.
- Inox screws.
- Silicon rubber gaskets.
- Lens in PMMA.
- Transparent glass protection with serigraphy thickness 8 mm.
- Cable gland of nickel plated brass PG7.
- Power cable 2x0,75 length 1 m.

	LED	SISTEMA-SYSTEM														
		W	lm	lm/W												
  	<table border="1"> <thead> <tr> <th>W</th> <th>lm</th> <th>V</th> <th>K</th> <th>CRI</th> <th>T</th> </tr> </thead> <tbody> <tr> <td>1x3W</td> <td>150 245</td> <td>220-240V (350mA)</td> <td>3000 6000 470nm</td> <td>>80</td> <td>57°</td> </tr> </tbody> </table>	W	lm	V	K	CRI	T	1x3W	150 245	220-240V (350mA)	3000 6000 470nm	>80	57°	4W	67 109	17 27
W	lm	V	K	CRI	T											
1x3W	150 245	220-240V (350mA)	3000 6000 470nm	>80	57°											
	<table border="1"> <thead> <tr> <th>Alts</th> <th>Alts</th> </tr> </thead> <tbody> <tr> <td>E9053-P-LBC</td> <td>E9053-P-LBI</td> </tr> <tr> <td>E9053-P-LBI</td> <td>E9053-P-LBL</td> </tr> </tbody> </table>	Alts	Alts	E9053-P-LBC	E9053-P-LBI	E9053-P-LBI	E9053-P-LBL	-	-	-						
Alts	Alts															
E9053-P-LBC	E9053-P-LBI															
E9053-P-LBI	E9053-P-LBL															

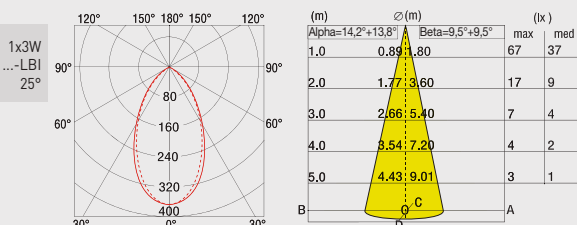


IP 65



outside

C180.....C00 | C270 — C90



MINI LONGLIGHT ST



- Corpo in estruso di alluminio anodizzato nero.
- Vano ottico: recuperatore di flusso in alluminio satinato.
- Vetro di protezione trasparente spessore 6 mm
- Pressacavo in ottone nichelato PG7.
- Cavo di alimentazione lunghezza 1 m.

- Body made of anodized aluminium extrusion.
- Optic: satin aluminium reflector.
- Transparent tempered glass protection thickness 6 mm.
- Cable gland of nickel plated brass PG7.
- Power cable length 1 m.



VS Vetro sabbato - Frosted Glass

VT Vetro trasparente - Transparent Glass

		LED						SISTEMA-SYSTEM			
		(W)	(lm)	(V)	(K)	(CRI)	(T)	(W)	(lm)	(lm/W)	
	VERSIONE CORTA - SHORT VERSION										
	VS Inox	E9051-P-LBC E9051-P-LBN	tot. 1,5W 18 LED SMD	64 65	220-240V 12Vdc	3000 4000	>70	30°	2,5W	51 52	20 21
	VT Inox	E9050-P-LBC E9050-P-LBN	tot. 7W 600	550 600	220-240V (350mA)	3000 4000	>80	45°	8W	333 363	42 45
		IP 20 Alimentatore remoto in dotazione Remote driver supplied IP 67 A richiesta codice 645311-67 On request code 645311-67									
	VT Inox	E9052-P-LBC E9052-P-LBN	11,2W	1360 1450	220-240V 24Vdc	3000 4000	>80		13,2W	1001 1033	76 81
	VS Inox	E9051-P-RGB	tot. 3,5W 15 LED SMD	-	24Vdc		-	35°	-	-	-
	VERSIONE LUNGA - LONG VERSION										
	VS Inox	E9061-P-LBC E9061-P-LBN	tot. 3W 36 LED SMD	128 130	220-240V 12Vdc	3000 4000	>70	35°	4W	102 104	25 26
	VT Inox	E9060-P-LBC E9060-P-LBN	tot. 14W 1200	1100 1200	220-240V (350mA)	3000 4000	>80	45°	16W	666 726	42 45
		IP 20 Alimentatore remoto in dotazione Remote driver supplied IP 67 A richiesta codice 645367 On request code 645367									
	VT Inox	E9062-P-LBC E9062-P-LBN	22,4W	2720 2900	220-240V 24Vdc	3000 4000	>80		25,4W	2022 2156	80 85
	VS Inox	E9061-P-RGB	tot. 7W 30 LED SMD	-	24Vdc		-	40°	-	-	-

OP. A richiesta - On request: staffe fisse per fissaggio a parete - fixed brackets for wall fixing

*Solo apparecchio - Only fitting

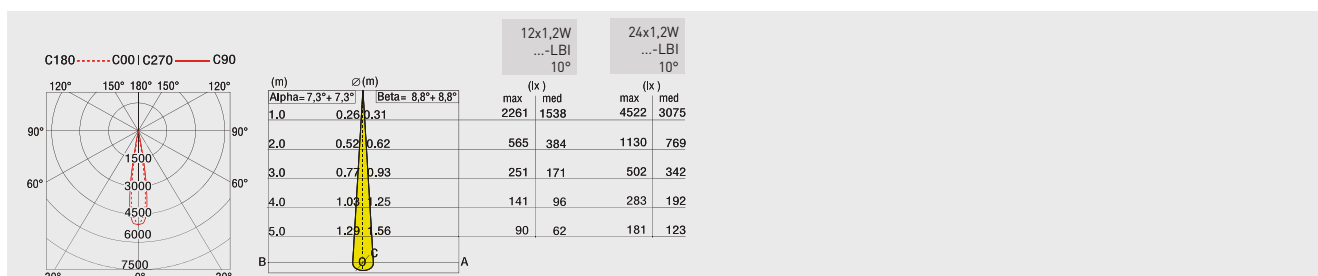
IP 65



*



outside





- Corpo in alluminio estruso con verniciatura previo trattamento speciale per esterni.
- Guarnizioni in gomma siliconica.
- Testate in alluminio pressofuso fosfocromatate e verniciate.
- Vetro temperato trasparente di spessore 8 mm.
- Pressacavo PG9.
- Installazione e cablaggio senza apertura del vano ottico.
- Cavo di alimentazione lunghezza 1 m.

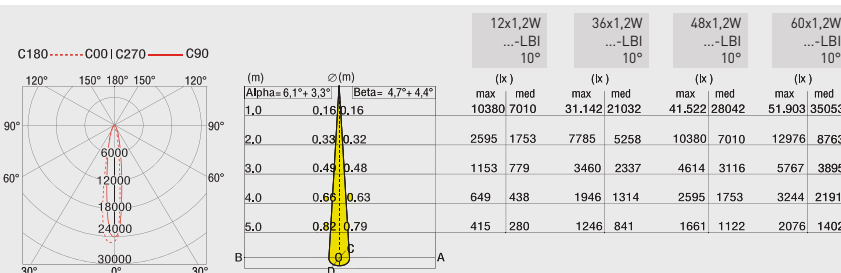
- Housing of aluminium extrusion painted with previous special treatment for outdoor use.
- Silicon rubber gasket.
- End caps of die-cast aluminium, painted with phosphorchrome treatment
- Transparent tempered glass thickness 8 mm.
- PG9 cable gland.
- Installation and connection without openin.
- Power cable length 1 m.



	L (mm)	LED						SISTEMA-SYSTEM			
		W	lm	V	K	CRI	T	W	lm	lm/W	
 1,50 Kg	Als E8900-PS-LBC E8900-PS-LBN	399	tot. 1,5W 18 LED SMD	64 65	220-240V 12Vdc	3000 4000	>70	32°	2,5W	46 47	18 19
	Als E8910-PS-LBC E8910-PS-LBN	399	tot. 3W 36 LED SMD	128 129	220-240V 12Vdc	3000 4000	>70	35°	4W	92 93	23 23
 3,60 Kg	Als E8920-PS-LBC E8920-PS-LBN	960	tot. 4W 48 LED SMD	173 176	220-240V 12Vdc	3000 4000	>70	38°	5W	125 129	25 26
	Als E8930-PS-LBC E8930-PS-LBN	960	tot. 8W 96 LED SMD	341 346	220-240V 12Vdc	3000 4000	>70	42°	9W	246 250	27 28
 1,80 Kg	Als E8941-PS-LBC E8941-PS-LBN	399	12x1,2W	970 1050	220-240V 24Vdc	3000 4000	>80	38°	16W	873 945	54 59
 4,30 Kg	Als E8951-PS-LBC E8951-PS-LBN	960	36x1,2W	2900 3150	220-240V 24Vdc	3000 4000	>80	42°	46W	2360 3550	51 55
 5,60 Kg	Als E8957-PS-LBC E8957-PS-LBN	1260	48x1,2W	3880 4200	220-240V 24Vdc	3000 4000	>80	42°	60W	3490 3780	58 63
 7,00 Kg	Als E8958-PS-LBC E8958-PS-LBN	1560	60x1,2W	4800 5250	220-240V 24Vdc	3000 4000	>80	42°	74W	4365 4725	59 64

OP. A richiesta - On request: staffe fisse per fissaggio a parete - fixed brackets for wall fixing
 apertura fascio - light beam

ACC. 645230 Connettore IP68 Ø da 7 a 10mm - IP68 connector Ø from 7 to 10mm





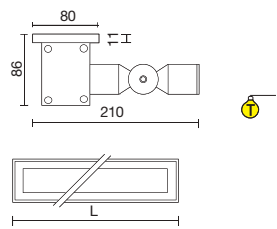


- Corpo in alluminio estruso con verniciatura per esterni previo trattamento di fosfocromatazione.
- Guarnizioni in gomma silconica.
- Testate in alluminio pressofuso fosfocromatate e verniciate.
- Vetro temperato trasparente di spessore 8 mm.
- Installazione senza apertura del vano ottico.
- Possibilità di installazione a soffitto o parete.
- Cavo di alimentazione lunghezza 1 m.



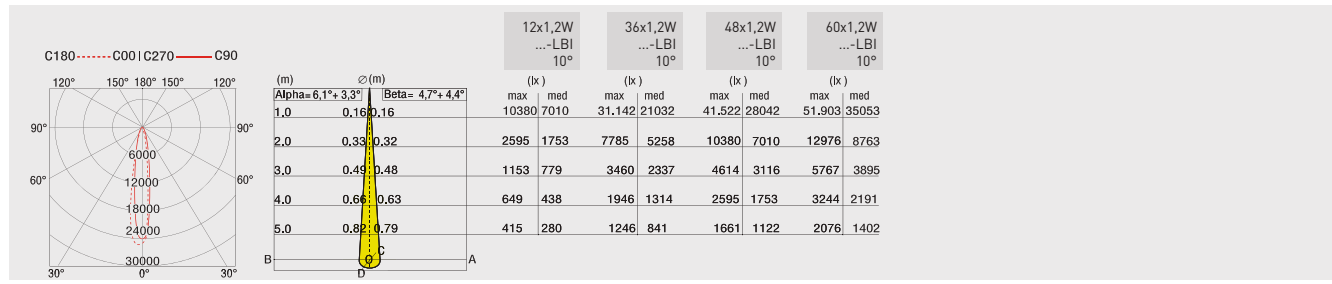
- Body in extruded aluminium with painting for outdoor, phosphochromated.
- Silicone gum gasket.
- Heads in die-casting aluminium painted and phosphochromated
- Transparent tempered glass thickness 8 mm.
- Installation and wiring without opening the optical parts.
- Possibility to be installed in the wall or in the ceiling.
- Power cable length 1 m.

Icona	Modello	L (mm)	LED						SISTEMA-SYSTEM		
			W	lm	V	K	CRI	T	W	lm	lm/W
	Als E8900-P-LBN	380	tot. 1,5W 18 LED SMD	64 65	220-240V 12Vdc	3000 4000	>70	32°	2,5W	46 47	18 19
	Als E8910-P-LBC E8910-P-LBN	380	tot. 3W 36 LED SMD	128 129	220-240V 12Vdc	3000 4000	>70	35°	4W	92 93	23 23
	Als E8920-P-LBC E8920-P-LBN	940	tot. 4W 48 LED SMD	173 176	220-240V 12Vdc	3000 4000	>70	38°	5W	125 127	25 26
	Als E8930-P-LBC E8930-P-LBN	940	tot. 8W 96 LED SMD	341 346	220-240V 12Vdc	3000 4000	>70	42°	9W	246 253	27 28
	Als E8941-P-LBC E8941-P-LBN	380	12x1,2W	970 1050	220-240V 24Vdc	3000 4000	>80	38°	16W	873 945	54 59
	Als E8951-P-LBC E8951-P-LBN	940	36x1,2W	2900 3150	220-240V 24Vdc	3000 4000	>80	42°	46W	2360 2550	51 55
	Als E8957-P-LBC E8957-P-LBN	1240	48x1,2W	3880 4200	220-240V 24Vdc	3000 4000	>80	42°	60W	3490 3780	58 63
	Als E8958-P-LBC E8958-P-LBN	1540	60x1,2W	4800 5250	220-240V 24Vdc	3000 4000	>80	42°	74W	4364 4725	59 64



OP. *A richiesta - On request: apertura fascio - light beam

IP 65



LONGLIGHT ECO ST

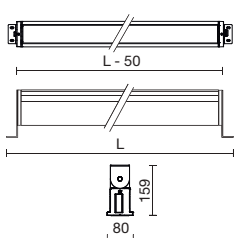


- Corpo in alluminio estruso con verniciatura previo trattamento speciale per esterni.
- Guarnizioni in gomma silconica.
- Testate in alluminio pressofuso fosfocromatate e verniciate.
- Vetro temperato trasparente di spessore 8 mm.
- Pressacavo PG9.
- Installazione e cablaggio senza apertura del vano ottico.
- Cavo di alimentazione lunghezza 1 m.

- Housing of aluminium extrusion painted with previous special treatment for outdoor use.
- Silicon rubber gasket.
- End caps of die-cast aluminium, painted with phosphorchrome treatment.
- Transparent tempered glass thickness 8 mm.
- PG9 cable gland.
- Installation and connection without openin.
- Power cable length 1 m.

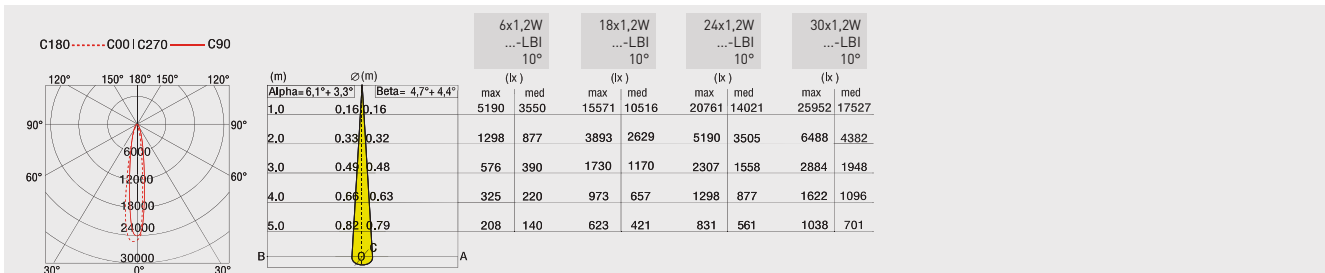


	L (mm)	LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
 Als E8941-PS-LBC6 E8941-PS-LBN6	399	6x1,2W	480 520	220-240V (350mA)	3000 4000	>80	8W	438 472	55 59
	 Als E8951PS-LBC18 E8951PS-LBN18	960	18x1,2W	1440 1560	220-240V (350mA)	3000 4000	>80	24W	1315 1420
 Als E8957PS-LBC24 E8957PS-LBN24		1260	24x1,2W	1920 2080	220-240V (350mA)	3000 4000	>80	32W	1750 1890
	 Als E8958PS-LBC30 E8958PS-LBN30	1560	30x1,2W	2400 2600	220-240V (350mA)	3000 4000	>80	39W	2186 2362



OP. *A richiesta - On request: apertura fascio - light beam disponibile - available

ACC. 645230 Connettore IP68 Ø da 7 a 10mm - IP68 connector Ø from 7 to 10mm





- Corpo in alluminio estruso con verniciatura per esterni previo trattamento di fosfocromatazione.
- Guarnizioni in gomma silconica.
- Testate in alluminio pressofuso fosfocromatate e verniciate.
- Vetro temperato trasparente di spessore 8 mm.
- Installazione senza apertura del vano ottico.
- Possibilità di installazione a soffitto o parete.
- Cavo di alimentazione lunghezza 1 m.



- Body in extruded aluminium with painting for outdoor, phosphochromated.
- Silicone gum gasket.
- Heads in die-casting aluminium painted and phosphochromated
- Transparent tempered glass thickness 8 mm.
- Installation and wiring without opening the optical parts.
- Possibility to be installed in the wall or in the ceiling.
- Power cable length 1 m.

	L (mm)	LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
 1,80 Kg Als E8941-P-LBC-6 E8941-P-LBN-6	380	6x1,2W	480 520	220-240V [350mA]	3000 4000	>80	8W	438 472	55 59
4,30 Kg Als E8951-P-LBC18 E8951-P-LBN18	940	18x1,2W	1440 1560	220-240V [350mA]	3000 4000	>80	24W	1315 1420	55 59
5,60 Kg Als E8957-P-LBC24 E8957-P-LBN24	1240	24x1,2W	1920 2080	220-240V [350mA]	3000 4000	>80	32W	1750 1890	55 59
7,00 Kg Als E8958-P-LBC30 E8958-P-LBN30	1540	30x1,2W	2400 2600	220-240V [350mA]	3000 4000	>80	39W	2186 2362	56 60

OP.	*A richiesta - On request: apertura fascio - light beam disponibile - available
ACC.	645230 Connettore IP68 ø da 7 a 10mm - IP68 connector ø from 7 to 10mm





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parisiens
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THÉÂTRE MICHEL

MÊME SI TU M'AIMES

MISE EN SCÈNE
JULIEN BOISSELIER

ASSISTANTE À LA MISE EN SCÈNE
FABIENNE TOURNET

COMPOSITEUR MUSICAL
JEAN-MICHEL BERNARD

CRÉATION LUMIÈRE
JEAN-PIERRE BOUVIER

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PARIS
PREMIÈRE

Conception et illustration : Paola Nougès LICENCE 10 24 734

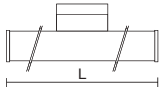
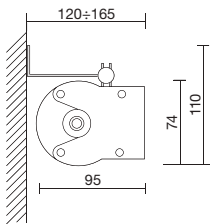


- Corpo in alluminio estruso.
- Staffe di fissaggio a muro regolabile.
- Cavo di alimentazione incluso da 1 m.
- Schermo in protezione in vetro extrachiario temperato.
- Viti in acciaio inox.

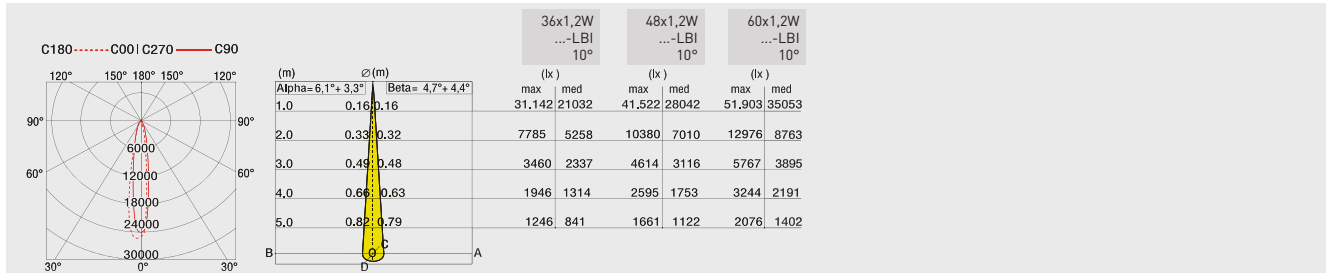
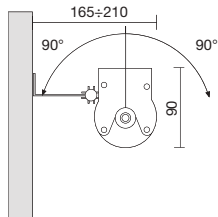
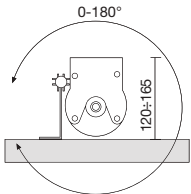
- Extruded aluminium body.
- Fixing adjustable brackets.
- Cable 1 m. length supplied.
- Extra transparent tempered glass.
- Inox screws.



L (mm)	LED	SISTEMA-SYSTEM					
		W	lm	V	K	CRI	T
606	24x1,2W 2100	32W	1700	220-240V	6000	>80	38°
906	36x1,2W 3130	46W	2550	24Vcc			42°
1206	48x1,2W 4200	60W	3780				42°
1506	60x1,2W 5250	74W	4725				42°



OP. A richiesta - On request: versioni ...-LBC... - ...-LBC...





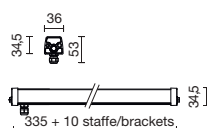










- Corpo in estruso di alluminio anodizzato.
- Lenti in metacrilato.
- Pressacavo ottone nichelato PG7.
- Cavo di alimentazione lunghezza 1 m.
- Driver in dotazione.

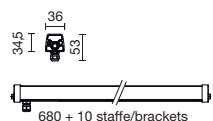
- Body made of extruded anodized aluminum
- Methacrylate lenses.
- Cable gland of nickel plated brass PG7.
- Power cable length 1 m.
- Driver supplied.











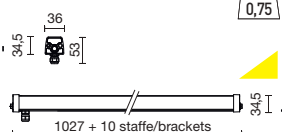
					LED					SISTEMA-SYSTEM											
					(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)									
		25		35		25x35	Als		E9030-LBC-25	E9030-LBC-35	E9030-LBC-EL	—	8,5W	800	220-240V	3000	>80	9,5W	704	74	(25°)
							E9030-LBN-25	E9030-LBN-35	E9030-LBN-EL		8,5W	950	(500mA)	4000		9,5W	836	88	(35°)		
		25		35		25x35	Als		E9031-LBC-25	E9031-LBC-35	E9031-LBC-EL	con PALPEBRA	8,5W	800	220-240V	3000	>80	9,5W	552	58	(25°)
							E9031-LBN-25	E9031-LBN-35	E9031-LBN-EL	with EYELID	8,5W	950	(500mA)	4000		9,5W	656	69	(35°)		



		25		35		25x35	Als		E9032-LBC-25	E9032-LBC-35	E9032-LBC-EL	—	17W	1600	220-240V	3000	>80	20W	1408	70	(25°)
							E9032-LBN-25	E9032-LBN-35	E9032-LBN-EL		17W	1900	(500mA)	4000		20W	1672	84	(35°)		
		25		35		25x35	Als		E9033-LBC-25	E9033-LBC-35	E9033-LBC-EL	con PALPEBRA	17W	1600	220-240V	3000	>80	20W	1104	55	(25°)
							E9033-LBN-25	E9033-LBN-35	E9033-LBN-EL	with EYELID	17W	1900	(500mA)	4000		20W	1311	66	(35°)		



		25		35		25x35	Als		E9034-LBC-25	E9034-LBC-35	E9034-LBC-EL	—	25,5W	2400	220-240V	3000	>80	29,5W	2112	72	(25°)
							E9034-LBN-25	E9034-LBN-35	E9034-LBN-EL		25,5W	2850	(500mA)	4000		29,5W	2508	85	(35°)		
		25		35		25x35	Als		E9035-LBC-25	E9035-LBC-35	E9035-LBC-EL	con PALPEBRA	25,5W	2400	220-240V	3000	>80	29,5W	1656	56	(25°)
							E9035-LBN-25	E9035-LBN-35	E9035-LBN-EL	with EYELID	25,5W	2850	(500mA)	4000		29,5W	1967	67	(35°)		

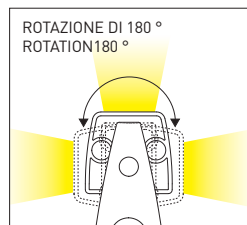
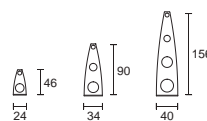


OP. Maggiori lunghezze a richiesta - Longer lengths on request



Kit di fissaggio n. 2 pezzi - Fixing kit n. 2 pieces

- 161 h 46 mm
- 162 h 90 mm
- 163 h 156 mm



A richiesta connettori stagni IP68 per file continue max 30 apparecchi. codice .../FC
On request in and out IP68 connection for continuous line max 30 fittings. code .../FC

Esempio di ordinazione
Ordering example E9032-LBC-25/FC








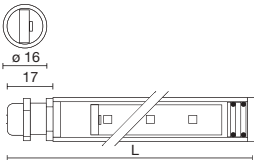

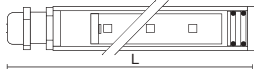

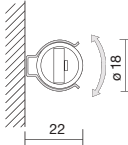



MICRO LEDLINE TONDO

- Tubo in policarbonato trasparente.
- Dissipatore interno al tubo in alluminio anodizzato.
- Ottica orientabile.
- Staffe di fissaggio a muro in acciaio inox.
- Pressacavo in ottone nichelato.
- Lunghezza cavo 2 m.

- Transparent polycarbonate tube.
- Heatsink inside the tube made of anodized aluminium.
- Adjustable optic.
- Wall fixing brackets made of inox steel.
- Nickel brass cable gland.
- Cable lenght 2 m.



		  	L (mm)	W	lm	V	K	CRI
VERSIONE ALTA EFFICIENZA - HIGHT EFFICIENCY VERSION								
	 0,70	Als E961-LBC	1050	tot. 14,4W	1080	24Vdc	3000	>80
		Als E961-LBN			1170		4000	
		Als E961-LBI			1220		5000	
	 1,40	E962-LBC	2050	tot. 28,8W	2160	24Vdc	3000	>80
		E962-LBN			2340		4000	
		E962-LBI			2440		5000	
	 2,10	E963-LBC	3050	tot. 43,2W	3240	24Vdc	3000	>80
		E963-LBN			3510		4000	
		E963-LBI			3660		5000	

OP.

A richiesta disponibile 12 Vdc - On request available 12 Vdc

A richiesta con tubo opale - On request with opal tube

A richiesta con doppio pressacavo - On request with double cable gland

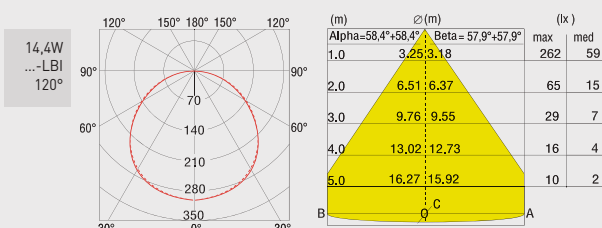


IP 68

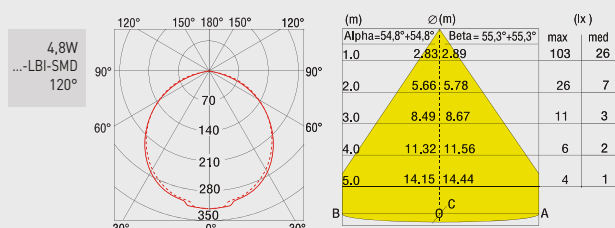


outside

C180-----C00|C270-----C90



C180-----C00|C270-----C90





MINI LEDLINE TONDO

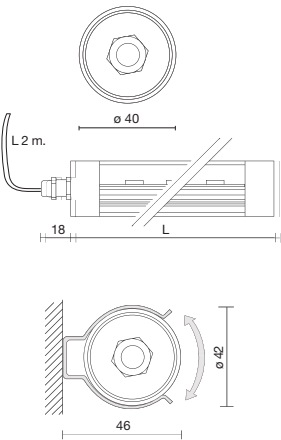


- Tubo in policarbonato.
- Dissipatore interno al tubo, corpo interno e testate in alluminio anodizzato.
- Ottica orientabile.
- Staffe di fissaggio a muro in acciaio inox.
- Pressacavo in ottone nichelato.
- Led durata utile: 25.000 (h) L80 B20.
- Cavo HO5RN-F lunghezza. 2 mt.

- Polycarbonate tube.
- Internal body heatsink and heads made of anodized aluminium.
- Adjustable optic.
- Wall fixing brackets made of inox steel.
- Nickel brass cable gland.
- Cable HO5RN-F length. 2 mt.
- Led life: 25.000 (h) L80 B20.



					L (mm)	(W)	(lm)	(V)	(K)	(CRI)
VERSIONE SMD CON SCHERMO TRASPARENTE - SMD VERSION WITH TRANSPARENT SCREEN										
	Als	E953-LBC			572	14,4W	1080	24Vdc	3000	>80
		E953-LBN					1170		4000	
		E953-LBI					1220		5000	
	Als	E954-LBC			1072	28,8W	2160	24Vdc	3000	>80
		E954-LBN					2946		4000	
		E954-LBI					2440		5000	
	Als	E955-LBC			1572	43,2W	3240	24Vdc	3000	>80
		E955-LBN					3510		4000	
		E955-LBI					3660		5000	
	Als	E956-LBC			2072	57,6W	4920	24Vdc	3000	>80
		E956-LBN					4620		4000	
		E956-LBI					4880		5000	
	Als	E922-RGB			372	5W	-	24Vdc		-
	Als	E924-RGB			572	9,4W	-	24Vdc		-
	Als	E926-RGB			1072	13,7W	-	24Vdc		-
	Als	E928-RGB			1572	18W	-	24Vdc		-
	Als	E930-RGB			2072	35,4W	-	24Vdc		-

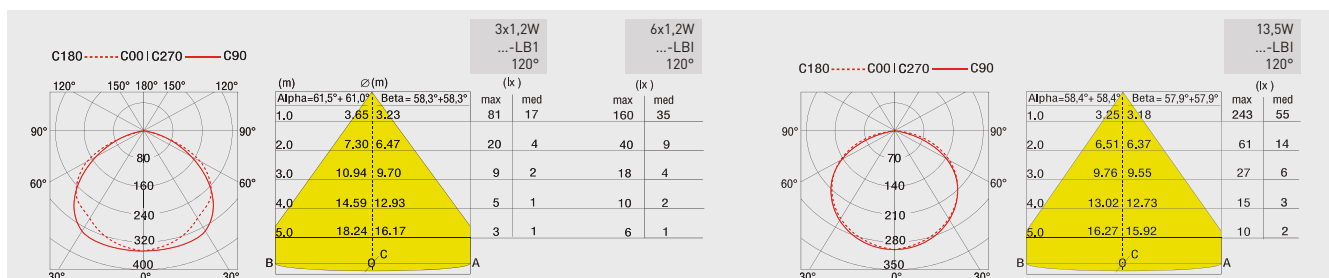


OP. A richiesta - On request: versione - version 12Vdc

IP 68



outside







PARETE - PLAFONE - SOSPENSIONI • WALL - CEILING - SUSPENSIONS



575
NEW QUARTO
DI SFERA



577
MOON



578
CERKIO XS-XL



581
FENIX



583
SOLID



585
Q4



587
SD1



587
SD2



588
MINI TONDO
MONO/DOUBLE



590
MINI QUADRO
MONO/DOUBLE



593
ELLE PARETE
XS-XL



595
MINI MISTRAL
LED



597
MISTRAL LED



598
MONOLIGHT
105/EMME



601
MONOLIGHT
140



603
MONOLIGHT
175



605
DOUBLELIGHT
105



606
DOUBLELIGHT
140



607
DOUBLELIGHT
175



609
QUADRO
MONO MCL
/PLUS



610
QUADRO
MONO/EMME



613
QUADRO
DOUBLE/EMME



616
NEOS T-Q



621
SD3



622
MICRO
VARIANT



623
MINI VARIANT



625
Quaders



626
APPLY MINI



627
APPLY 1-2



628
QUADRO
CEILING/EMME



630
CEILING
105/EMME



632
CEILING
140



633
CEILING
175



634
CEILING S
105/EMME



636
CEILING S 140



637
CEILING S 175





NEW QUARTO DI SFERA

- Corpo in pressofusione di alluminio.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione opale.
- Gruppo di alimentazione inserito nell'apparecchio.

- Die-cast aluminium body.
- Powder coated with pretreatment for outdoor use.
- Opal protection glass.
- Built-in control gear.



		LED				SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W
	Br E8540-LBC	tot. 35W SMD	3150	220-240V (700mA)	3000	>80	39W	1279	33
	Ne E8541-LBC								
	Gr E8542-LBC								
	Br E8540-LBN	tot. 35W SMD	3500	220-240V (700mA)	4000	>80	39W	1421	36
	Ne E8541-LBN								
	Gr E8542-LBN								
	Br E8540-LBI	tot. 35W SMD	3500	220-240V (700mA)	6000	>80	39W	1421	36
	Ne E8541-LBI								
	Gr E8542-LBI								
	Br E8540-LBC-EM	17W	1700	220-240V (700mA)	3000	>80	20W	690	34
	Ne E8541-LBC-EM 1h								
	Gr E8542-LBC-EM								
	Br E8540-LBN-EM	17W	1750	220-240V (700mA)	4000	>80	20W	710	35
	Ne E8541-LBN-EM 1h								
	Gr E8542-LBN-EM								
	Br E8540-LBI-EM	17W	1750	220-240V (700mA)	6000	>80	20W	710	35
	Ne E8541-LBI-EM 1h								
	Gr E8542-LBI-EM								

4,50



IP 65



outside





- Corpo in pressofusione di alluminio.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Diffusore in policarbonato resistente agli urti stabilizzato ai raggi UV.
- Viteria in acciaio inox.
- Gruppo di alimentazione elettronico incorporato.
- Guarnizione in gomma siliconica.

- Die-cast aluminium body.
- Powder coated with pretreatment for outdoor use.
- Polycarbonate diffuser shock and UV resistant.
- Inox steel screws.
- Electronic control gear inside.
- Gasket in silicone rubber.

		LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W	
	Br E5420-LBC	12W	1200	220-240V (350mA)	3000	>80	14W	763	55	
	Ne E5421-LBC									
	Gr E5422-LBC									
	Br E5420-LBN	12W	1350	220-240V (350mA)	4000	>80	14W	858	61	
	Ne E5421-LBN									
	Gr E5422-LBN									
Br E5420-LBI	12W	1350	220-240V (350mA)	6000	>80	14W	858	61		
Ne E5421-LBI										
Gr E5422-LBI										
	Br E5430-LBC	12W	1200	220-240V (350mA)	3000	>80	14W	439	31	
	Ne E5431-LBC									
	Gr E5432-LBC									
	Br E5430-LBN	12W	1350	220-240V (350mA)	4000	>80	14W	494	35	
	Ne E5431-LBN									
	Gr E5432-LBN									
Br E5430-LBI	12W	1350	220-240V (350mA)	6000	>80	14W	494	35		
Ne E5431-LBI										
Gr E5432-LBI										
	Br E5430-LBC-EM	1h	9,6W	1140	220-240V (350mA)	3000	>80	10,6W	642	61
	Ne E5421-LBC-EM									
	Gr E5422-LBC-EM									
	Br E5430-LBN-EM	1h	9,6W	1140	220-240V (350mA)	4000	>80	10,6W	642	61
	Ne E5421-LBN-EM									
	Gr E5422-LBN-EM									

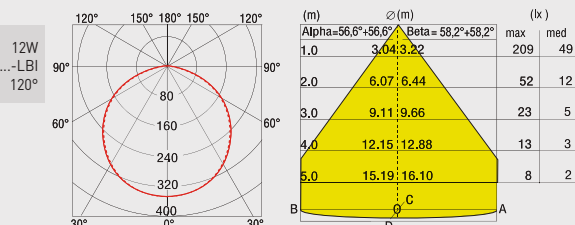


IK 10
IP 65



outside

C180 - - - - C00 | C270 - - - - C90



CERKIO XS



- Corpo in pressofusione di alluminio.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Diffusore in policarbonato resistente agli urti stabilizzato ai raggi UV.
- Viteria in acciaio inox.
- Gruppo di alimentazione elettronico incorporato.
- Guarnizione in gomma siliconica.

- Die-cast aluminium body.
- Powder coated with pretreatment for outdoor use.
- Polycarbonate diffuser shock and UV resistant.
- Inox steel screws.
- Electronic control gear inside.
- Gasket in silicone rubber.



	Br	Ne	Gr	LED			SISTEMA-SYSTEM				
				W	lm	V	K	CRI	W	lm	lm/W
	E5446-LBC	E5447-LBC	E5448-LBC	12W	1200	220-240V (350mA)	3000	>80	14W	666	48
	E5446-LBN	E5447-LBN	E5448-LBN	12W	1350	220-240V (350mA)	4000	>80	14W	749	53
	E5446-LBI	E5447-LBI	E5448-LBI	12W	1350	220-240V (350mA)	6000	>80	14W	749	53
	E5446-LBC-EM	E5447-LBC-EM	E5448-LBC-EM	9,6W	1140	220-240V (350mA)	3000	>80	10,6W	632	60
	E5446-LBN-EM	E5447-LBN-EM	E5448-LBN-EM	9,6W	1140	220-240V (350mA)	4000	>80	10,6W	632	60
	E5446-LBI-EM	E5447-LBI-EM	E5448-LBI-EM	9,6W	1140	220-240V (350mA)	6000	>80	10,6W	632	60

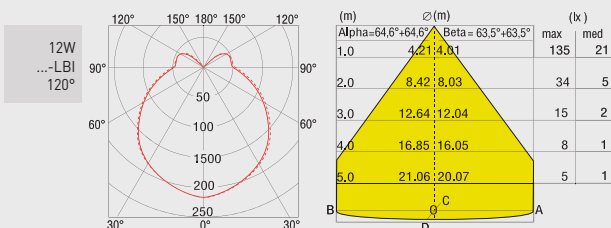


IK 10
IP 65



outside

C180.....C00 | C270 — C90





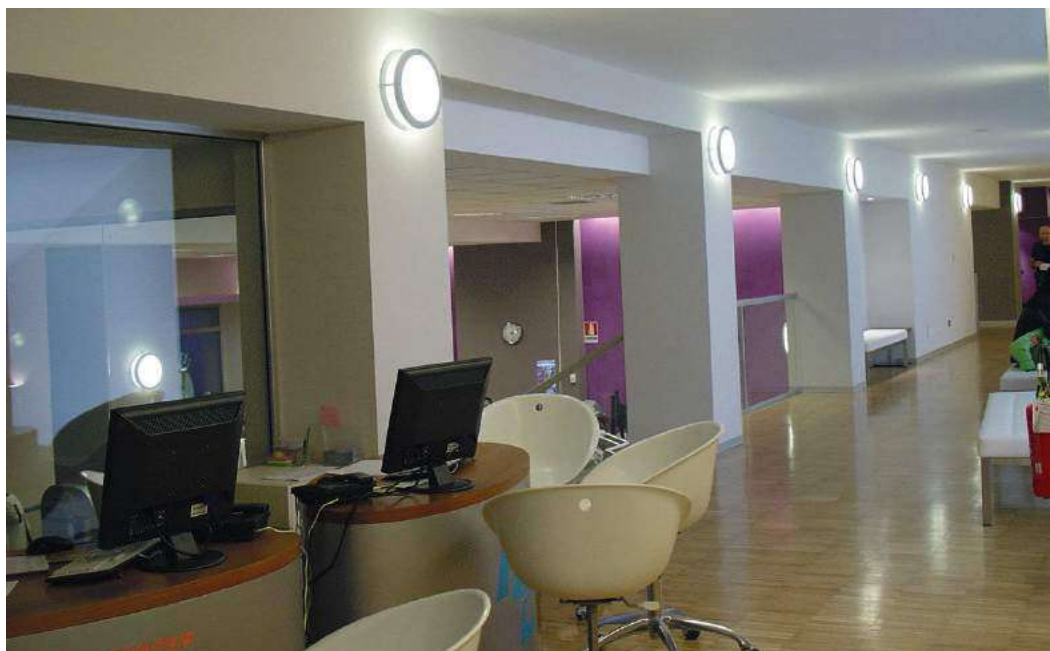
- Corpo in pressofusione di alluminio.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Diffusore in policarbonato resistente agli urti stabilizzato ai raggi UV.
- Viteria in acciaio inox.
- Gruppo di alimentazione elettronico incorporato.
- Guarnizione in gomma siliconica.

- Die-cast aluminium body.
- Powder coated with pretreatment for outdoor use.
- Polycarbonate diffuser shock and UV resistant.
- Inox steel screws.
- Electronic control gear inside.
- Gasket in silicone rubber.



		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	Br E5400-LBC	19W	2300	220-240V (700mA)	3000	>80	22W	1265	86
	Ne E5401-LBC								
	Gr E5402-LBC								
	Br E5400-LBN	19W	2400	220-240V (700mA)	4000	>80	22W	1320	91
	Ne E5401-LBN								
	Gr E5402-LBN								
	Br E5400-LBC-DIM	19W	2300	220-240V (700mA)	3000	>80	22W	1265	86
	Ne E5401-LBC-DIM								
	Gr E5402-LBC-DIM								
	Br E5400-LBN-DIM	19W	2400	220-240V (700mA)	4000	>80	22W	1320	91
	Ne E5401-LBN-DIM								
	Gr E5402-LBN-DIM								
	Br E5400-LBC-DA	19W	2300	220-240V (700mA)	3000	>80	22W	1265	86
	Ne E5401-LBC-DA								
	Gr E5402-LBC-DA								
	Br E5400-LBN-DA	19W	2400	220-240V (700mA)	4000	>80	22W	1320	91
	Ne E5401-LBN-DA								
	Gr E5402-LBN-DA								

OP. A richiesta - On request: 1 h





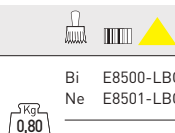
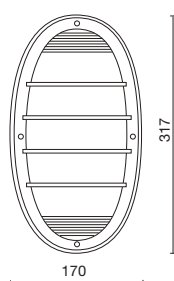


- Corpo in policarbonato.
- Schermo diffusore in policarbonato opale.
- Guarnizioni in gomma siliconica.
- Passacavo in gomma siliconica.
- Led durata utile: 50.000 (h) L80 B20.

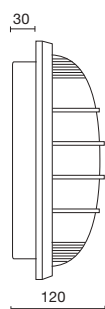
- Polycarbonate body.
- Opal polycarbonate screen diffuser.
- Silicon rubber gasket.
- Cable gland in silicon rubber.
- Led life: 50.000 (h) L80 B20.



		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
Bi	E8500-LBC	13W	1580	220-240V (550mA)	3000	>80	15W	790	53
	Ne								
Bi	E8500-LBN	13W	1710	220-240V (550mA)	4000	>80	15W	855	57
	Ne								



0.80

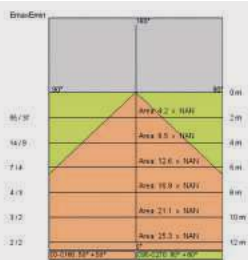
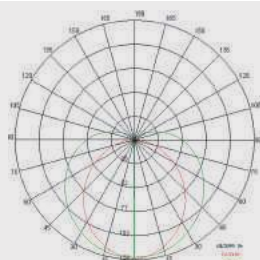


IP 65



outside

13W
...-LBC







- Corpo in pressofusione di alluminio.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Schermo in policarbonato opale.
- Guarnizioni in gomma siliconica.
- Die-cast aluminium body.
- Powder coated with pretreatment for outdoor use.
- Polycarbonate diffuser screen.
- Gasket in silicone rubber.

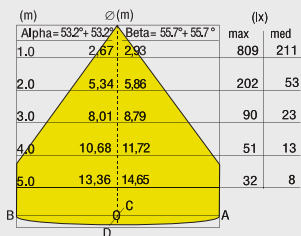
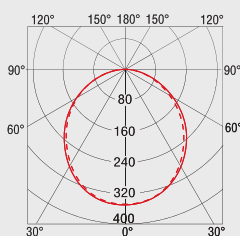
		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	TUTTO SCHERMO FULL SCREEN								
	Br E5385-LBC	19,4W	2320	220-240V (700mA)	3000	>80	22,4W	1287	57
	Ne E5386-LBC								
	Gr E5387-LBC								
	Br E5385-LBN	19,4W	2440	220-240V (700mA)	4000	>80	22,4W	1585	71
	Ne E5386-LBN								
	Gr E5387-LBN								
	Br E5385-LBC-EM	19,4W	2320	220-240V (700mA)	3000	>80	22,4W	1287	57
	Ne E5386-LBC-EM								
	Gr E5387-LBC-EM								
	Br E5385-LBN-EM	19,4W	2440	220-240V (700mA)	3000	>80	22,4W	1585	71
	Ne E5386-LBN-EM								
Gr E5387-LBN-EM									
Sa Funzionamento in emergenza - Flusso 200 lumen - Autonomia 1h - Emergency mode - Lumen flux 200 - Operation time 1 h									
	DOPPIA ACCENSIONE DOUBLE LIGHTING								
	Br E5393-LBC	19,4W	2320	220-240V (700mA)	3000	>80	22,4W	1287	57
	Ne E5394-LBC	(18W)**	(1933)**						
	Gr E5395-LBC	(3W)**	(386)**						
	*accensione 1 - lighting 1								
	**accensione 2 - lighting 2								
	Br E5393-LBN	19,4W	2440	220-240V (700mA)	4000	>80	22,4W	1585	71
	Ne E5394-LBN	(18W)**	(2033)**						
	Gr E5395-LBN	(3W)**	(406)**						
	*accensione 1 - lighting 1								
	**accensione 2 - lighting 2								
	Sa Funzionamento in emergenza - Flusso 200 lumen - Autonomia 1h - Emergency mode - Lumen flux 200 - Operation time 1 h								
	CON PALPEBRA WITH EYELID								
	Br E5390-LBC	19,4W	2320	220-240V (700mA)	3000	>80	22,4W	839	37
	Ne E5391-LBC								
	Gr E5392-LBC								
	Br E5390-LBN	19,4W	2440	220-240V (700mA)	4000	>80	22,4W	891	40
	Ne E5391-LBN								
	Gr E5392-LBN								
	Br E5390-LBC-EM	19,4W	2320	220-240V (700mA)	3000	>80	22,4W	839	37
	Ne E5391-LBC-EM								
	Gr E5392-LBC-EM								
	Br E5390-LBN-EM	19,4W	2440	220-240V (700mA)	4000	>80	22,4W	891	40
	Ne E5391-LBN-EM								
Gr E5392-LBN-EM									
Sa Funzionamento in emergenza - Flusso 200 lumen - Autonomia 1h - Emergency mode - Lumen flux 200 - Operation time 1 h									
	DOPPIA ACCENSIONE DOUBLE LIGHTING								
	Br E5396-LBC	21W	2320	220-240V (700mA)	3000	>80	22,4W	839	37
	Ne E5397-LBC	(18W)**	(1933)**						
	Gr E5398-LBC	(3W)**	(386)**						
	*accensione 1 - lighting 1								
	**accensione 2 - lighting 2								
	Br E5396-LBN	21W	2440	220-240V (700mA)	4000	>80	22,4W	891	37
	Ne E5397-LBN	(18W)**	(2033)**						
	Gr E5398-LBN	(3W)**	(406)**						
	*accensione 1 - lighting 1								
	**accensione 2 - lighting 2								



IK 10
IP 65



outside



TUTTO SCHERMO - FULL SCREEN 24WLBC

(m)	α (m)	β (m)	(lx) max	(lx) med
1,0	2,67	2,93	809	211
2,0	5,34	5,86	202	53
3,0	8,01	8,79	90	23
4,0	10,68	11,72	51	13
5,0	13,36	14,65	32	8

C180 C00 | C270 — C90

PARETE - PLAFONE - SOSPENSIONE • WALL - CEILING - SUSPENSION





- Corpo in estruso di alluminio anodizzato.
- Vetro di protezione trasparente temperato, spessore 6 mm.
- Cavo di alimentazione lunghezza 1m. H05SS - F.
- Pressocavo PG7 in ottone nichelato.
- Schermo frontale in acciaio Inox lucidato a specchio.

- Body in extruded anodized aluminum.
- Clear tempered safety glass, 6 mm.
- Power Cable 1m. length H05SS - F.
- PG7 gland nickel-plated brass.
- Display front mirror polished stainless steel.

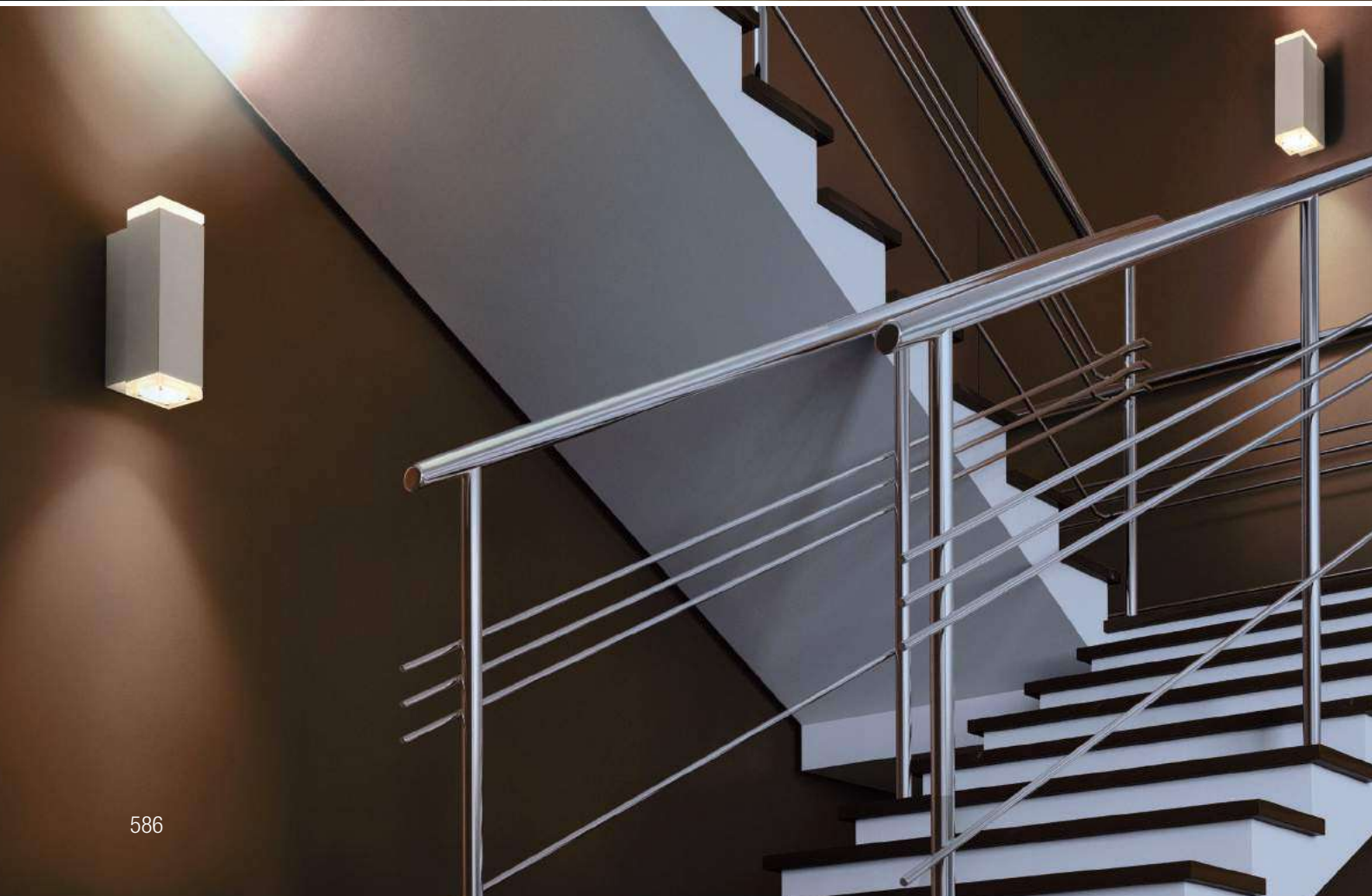


				L (mm)	(W)	(lm)	(V)	(K)	(CRI)
MONO EMISSIONE - MONO EMISSION									
 	Inox D2110			410 mm	12x1,2W	960	220-240V 24V	3000	>80
	Br D2112								
	Ne D2113								
	Bw D2114								
 	Inox D2111			710 mm	24x1,2W	1900	220-240V 24V	3000	>80
	Br D2115								
	Ne D2116								
	Bw D2117								



sidesign COLLECTION







SD1 - SD2

- Corpo in fusione di alluminio.
- Verniciatura in polveri epossidiche con trattamento speciale per esterni.
- Riflettore in alluminio purissimo.
- Vetro temperato extrachiari decorativo spessore 15 mm.
- Alimentatore integrato.

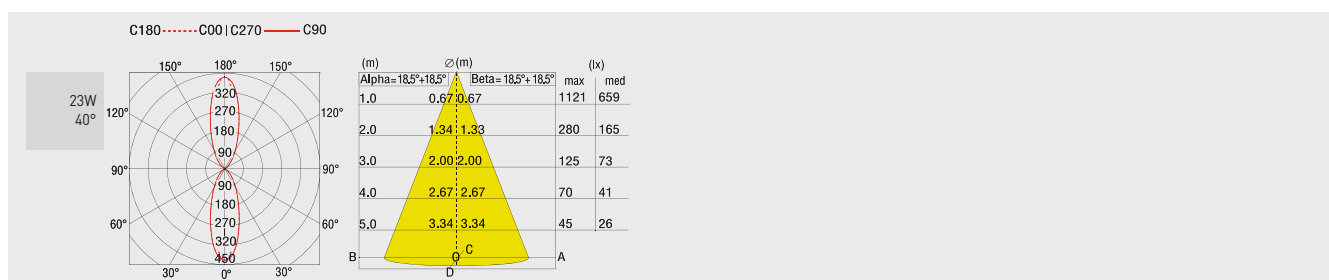
- Housing made of die-cast aluminum.
- Coating in epoxy powder with special treatment for outdoor use.
- Reflector in pure aluminum.
- Extraclear tempered glass 15 mm thick.
- Integrated power supply.



SD1		LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W	
	 MONO EMISSIONE - MONO EMISSION Br D2140-M Ne D2141-M Bw D2142-M 1 LED 	11,5W	1650	220-240V (350mA)	3000	>80	13,5W	1650	122	
		 DOPPIA EMISSIONE - DOUBLE EMISSION Br D2140 Ne D2141 Bw D2142 2 LED 								
		23W	2x1650	220-240V (350mA)	3000	>80	27W	3300	122	

SD2		LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W	
	 MONO EMISSIONE - MONO EMISSION Br D2145-M Ne D2146-M Bw D2147-M 1 LED 	11,5W	1650	220-240V (350mA)	3000	>80	13,5W	1650	122	
		 DOPPIA EMISSIONE - DOUBLE EMISSION Br D2145 Ne D2146 Bw D2147 2 LED 								
		23W	2x1650	220-240V (350mA)	3000	>80	27W	3300	122	

sidesign COLLECTION



MINI MONO TONDO

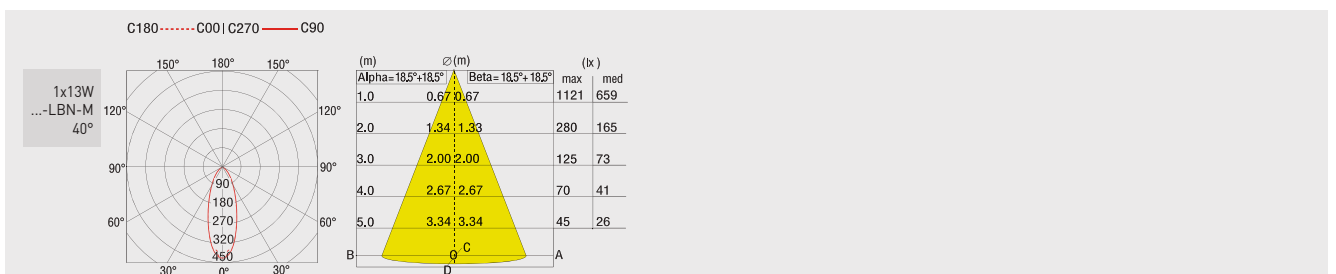


- Corpo in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Anello di finitura in acciaio inox AISI 316.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Ottiche in alluminio purissimo.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.



- Body and in die-cast aluminium.
- Powder coated with pretreatment for outdoor use.
- Tempered protection glass.
- AISI 316 steel finishing trim.
- Inox steel screws.
- Control gear in the body.
- Very pure aluminium optics.
- Silicon rubber gaskets and cable gland.

		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	MONO EMISSIONE - MONO EMISSION Br E4900-LBC-M Ne E4901-LBC-M Gr E4902-LBC-M	1x11,5W	1840	220-240V (350mA)	3000	>80	13,5W	1178	87
	Br E4900-LBN-M Ne E4901-LBN-M Gr E4902-LBN-M	1x11,5W	1950	220-240V (350mA)	4000	>80	13,5W	1261	93
	1 FASCIO STRETTO 5° - 1 NARROW BEAM 5° Br E4900-LBC-1LM Ne E4901-LBC-1LM Gr E4902-LBC-1LM	1x2,5W	125	220-240V (700mA)	3000	>80	3,5W	98	28
	Br E4900-LBN-1LM Ne E4901-LBN-1LM Gr E4902-LBN-1LM	1x2,5W	135	220-240V (700mA)	4000	>80	3,5W	106	30
	CON LENTE ELLISSOIDALE - WITH ELLIPTICAL LENS Br E4900-LBC-LM Ne E4901-LBC-LM Gr E4902-LBC-LM	1x2,5W	125	220-240V (700mA)	3000	>80	3,5W	97	28
	Br E4900-LBN-LM Ne E4901-LBN-LM Gr E4902-LBN-LM	1x2,5W	175	220-240V (700mA)	4000	>80	3,5W	135	30
	Br E4900-LBI-LM Ne E4901-LBI-LM Gr E4902-LBI-LM	1x2,5W	195	220-240V (700mA)	6000	>80	3,5W	151	42





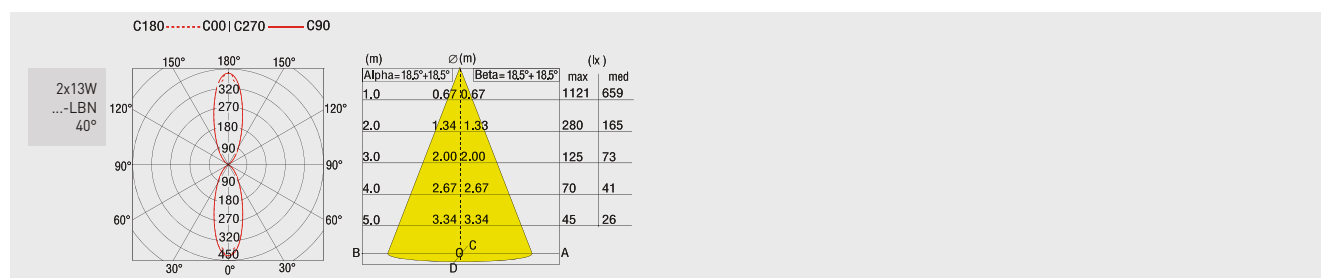
MINI DOUBLE TONDO

- Corpo in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Anello di finitura in acciaio inox AISI 316.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Ottiche in alluminio purissimo.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.

- Body and in die-cast aluminium.
- Powder coated with pretreatment for outdoor use.
- Tempered protection glass.
- AISI 316 steel finishing trim.
- Inox steel screws.
- Control gear in the body.
- Very pure aluminium optics.
- Silicon rubber gaskets and cable gland.



		LED				SISTEMA-SYSTEM				
		W	lm	V	K	CRI	W	lm	lm/W	
	1 FASCIO STRETTO 5° - 1 NARROW BEAM 5° Br E4900-LBC-1L Ne E4901-LBC-1L Gr E4902-LBC-1L		11,5+1,2W	1840/80	220-240V (350mA)	3000	>80	14,7W	1368	93
	Br E4900-LBN-1L Ne E4901-LBN-1L Gr E4902-LBN-1L		11,5+1,2W	1950/85	220-240V (350mA)	4000	>80	14,7W	1450	99
	2 FASCI STRETTI 5° - 2 NARROW BEAMS 5° Br E4905-LBC-2L Ne E4906-LBC-2L Gr E4907-LBC-2L		2x2,5W	2x125	220-240V (700mA)	3000	>80	6W	194	32
	Br E4905-LBN-2L Ne E4906-LBN-2L Gr E4907-LBN-2L		2x2,5W	2x135	220-240V (700mA)	4000	>80	6W	210	35
	CON LENTE ELLISSOIDALE - WITH ELLIPTICAL LENS Br E4900-LBC-2L Ne E4901-LBC-2L Gr E4902-LBC-2L		2x2,5W	2x125	220-240V (700mA)	3000	>80	6W	197	53
	Br E4900-LBN-2L Ne E4901-LBN-2L Gr E4902-LBN-2L		2x2,5W	2x175	220-240V (700mA)	4000	>80	6W	277	46
	Br E4900-LBI-2L Ne E4901-LBI-2L Gr E4902-LBI-2L		2x2,5W	2x195	220-240V (700mA)	6000	>80	6W	309	51
	DOPPIA EMISSIONE - DOUBLE EMISSION Br E4900-LBC Ne E4901-LBC Gr E4902-LBC		2x11,5W	2x1840	220-240V (350mA)	3000	>80	25W	2311	92
	Br E4900-LBN Ne E4901-LBN Gr E4902-LBN		2x11,5W	2x1950	220-240V (350mA)	4000	>80	25W	2490	99



PARETE - PLAFONE - SOSPENSIONE • WALL - CEILING - SUSPENSION

MINI MONO QUADRO



- Corpo in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Anello di finitura in acciaio inox AISI 316.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Ottiche in alluminio purissimo.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.

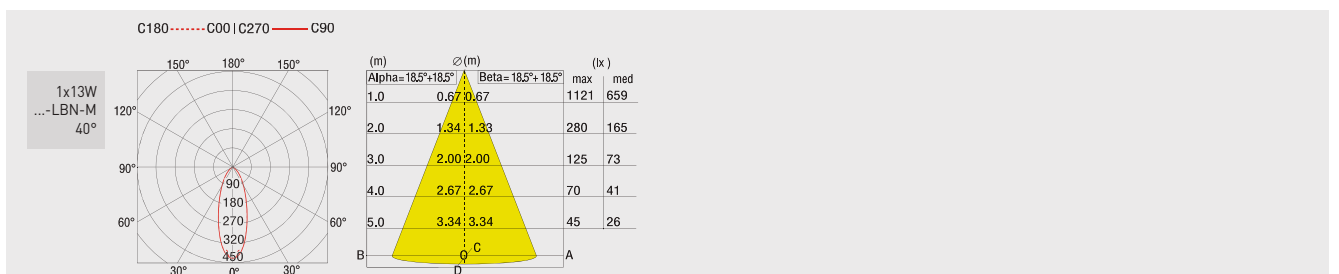
- Body and in die-cast aluminium.
- Powder coated with pretreatment for outdoor use.
- Tempered protection glass.
- AISI 316 steel finishing trim.
- Inox steel screws.
- Control gear in the body.
- Very pure aluminium optics.
- Silicon rubber gaskets and cable gland.



	LED	SISTEMA-SYSTEM							
		(W)	(lm)	(lm/W)					
	MONO EMISSIONE - MONO EMISSION Br E4910-LBC-M Ne E4911-LBC-M Gr E4912-LBC-M	1x11,5W	1840	220-240V (350mA)	3000	>80	13,5W	1178	87
	Br E4910-LBN-M Ne E4911-LBN-M Gr E4912-LBN-M	1x11,5W	1950	220-240V (350mA)	4000	>80	13,5W	1264	95
	1 FASCIO STRETTO 5° - 1 NARROW BEAM 5° Br E4910-LBC-1LM Ne E4911-LBC-1LM Gr E4912-LBC-1LM	1x2,5W	125	220-240V (700mA)	3000	>80	3,5W	98	28
	Br E4910-LBN-1LM Ne E4911-LBN-1LM Gr E4912-LBN-1LM	1x2,5W	135	220-240V (700mA)	4000	>80	3,5W	106	30
	CON LENTE ELLISSOIDALE - WITH ELLIPTICAL LEN Br E4910-LBC-LM Ne E4911-LBC-LM Gr E4912-LBC-LM	1x2,5W	125	220-240V (700mA)	3000	>80	3,5W	97	22
	Br E4910-LBN-LM Ne E4911-LBN-LM Gr E4912-LBN-LM	1x2,5W	175	220-240V (700mA)	4000	>80	3,5W	135	38
	Br E4910-LBI-LM Ne E4911-LBI-LM Gr E4912-LBI-LM	1x2,5W	195	220-240V (700mA)	6000	>80	3,5W	151	42



outside





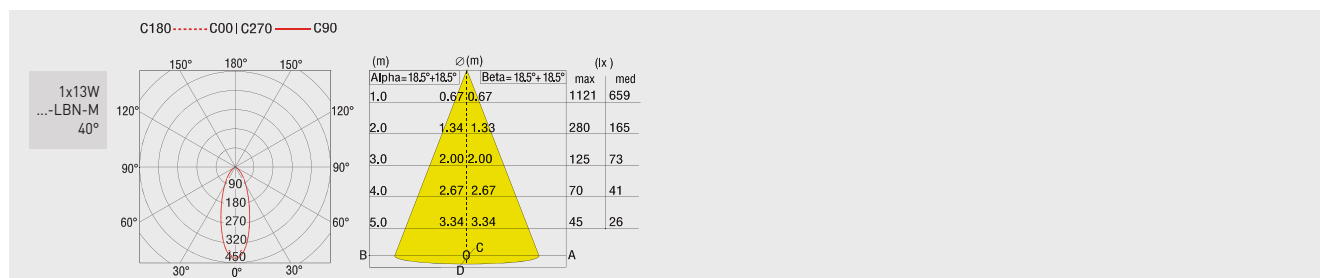
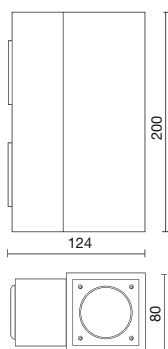
MINI DOUBLE QUADRO

- Corpo in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Anello di finitura in acciaio inox AISI 316.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Ottiche in alluminio purissimo.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.



- Body and in die-cast aluminium.
- Powder coated with pretreatment for outdoor use.
- Tempered protection glass.
- AISI 316 steel finishing trim.
- Inox steel screws.
- Control gear in the body.
- Very pure aluminium optics.
- Silicon rubber gaskets and cable gland.

		(W)	(lm)	(V)	(K)	(CRI)
	1 FASCIO STRETTO 5° - 1 NARROW BEAM 5°					
	Br E4910-LBC-1L					
	Ne E4911-LBC-1L	11,5+1,2W	1840/80	220-240V (350mA)	3000	>80
	2 FASCI STRETTI 5° - 2 NARROW BEAMS 5°					
	Br E4915-LBC-2L					
	Ne E4916-LBC-2L	2x2,5W	2x125	220-240V (700mA)	3000	>80
	CON LENTE ELLISSOIDALE - WITH ELLIPTICAL LEN					
	Br E4910-LBN-2L					
	Ne E4911-LBN-2L	2x2,5W	2x125	220-240V (700mA)	3000	>80
	Br E4910-LBN-2L					
	Ne E4911-LBN-2L	2x2,5W	2x175	220-240V (700mA)	4000	>80
	Gr E4912-LBN-2L					
	Br E4910-LBI-2L					
	Ne E4911-LBI-2L	2x2,5W	2x195	220-240V (700mA)	6000	>80
	Gr E4912-LBI-2L					
	DOPPIA EMISSIONE - DOUBLE EMISSION					
	Br E4910-LBC					
	Ne E4911-LBC	2x11,5W	2x1840	220-240V (350mA)	3000	>80
	Br E4910-LBN					
	Ne E4911-LBN	2x11,5W	2x1950	220-240V (350mA)	4000	>80
	Gr E4912-LBN					



PARETE - PLAFONE - SOSPENSIONE • WALL - CEILING - SUSPENSION





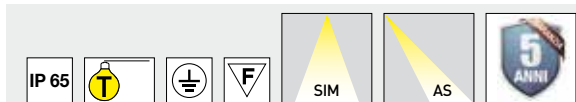
ELLE PARETE XS-XL

- Corpo e struttura in pressofusione di alluminio.
- Verniciatura in polveri epossidiche con trattamento special
- Vetro di protezione temperato.
- Guarnizione e pressocavo PG11 in gomma silconica.

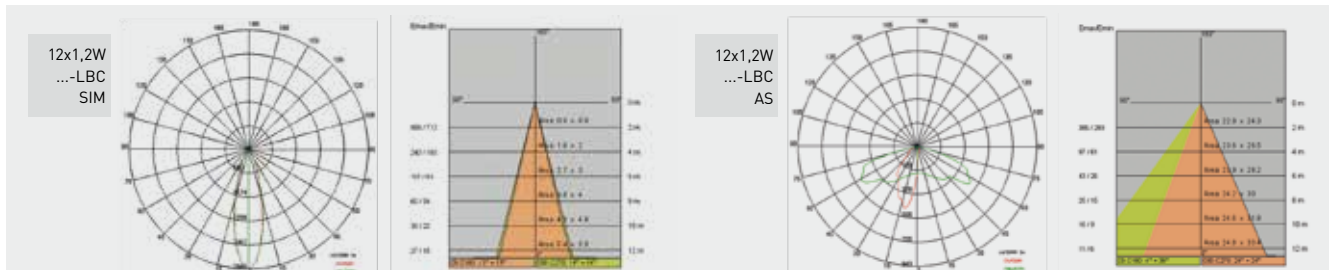
- Body and frame in die-cast aluminium.
- Epoxy powder coated with special treatment for outdoor us
- Tempered protection glass.
- Seals and PG11 cable clamp silicone rubber.



	LED	SISTEMA-SYSTEM							
		W	lm	V	K	CRI	W	lm	lm/W
 ELLE PARETE XS LUCE SIMMETRICA - SYMMETRIC LIGHT Gr E4083-LBC Ne E4084-LBC Bw E4085-LBC Gr E4083-LBN Ne E4084-LBN Bw E4085-LBN	12x1,2W	1300	220-240V (350mA)	3000	>80	16W	1203	75	
	12x1,2W	1300	220-240V (350mA)	4000	>80	16W	1203	75	
	 ELLE PARETE XL LUCE ASIMMETRICA - ASYMMETRIC LIGHT Gr E4111-LBC Ne E4112-LBC Bw E4113-LBC Gr E4111-LBN Ne E4112-LBN Bw E4113-LBN	12x1,2W	1300	220-240V (350mA)	3000	>80	16W	1195	75
		12x1,2W	1300	220-240V (350mA)	4000	>80	16W	1195	75
		24x1,7W	3400	220-240V (500mA)	3000	>80	44W	2996	68
		24x1,7W	3400	220-240V (500mA)	4000	>80	44W	2996	68



outside



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color

PARETE - PLAFONE - SOSPENSIONE • WALL - CEILING - SUSPENSION





MINI MISTRAL LED

- Corpo in pressofusione di alluminio.
- Verniciatura in polveri di poliestere con trattamento speciale per esterni (sabbatura, decappaggio, n.3 lavaggi, fluorozirconatura, fondo in polveri epossidiche, finitura di superficie in polvere poliestere).
- Guarnizioni in gomma siliconica.
- Schermo vetro satinato temperato.
- Pressacavo in gomma siliconica PG11.

- Housing of die-cast aluminium.
- Specially treated polyester powder coating for exterior (Pickling, blasting, n3 washings, epoxy bottom, polyester powder surface finish).
- Silicon rubber gaskets.
- Satined and tempered diffuser glass.
- Cable gland in silicon rubber PG11.



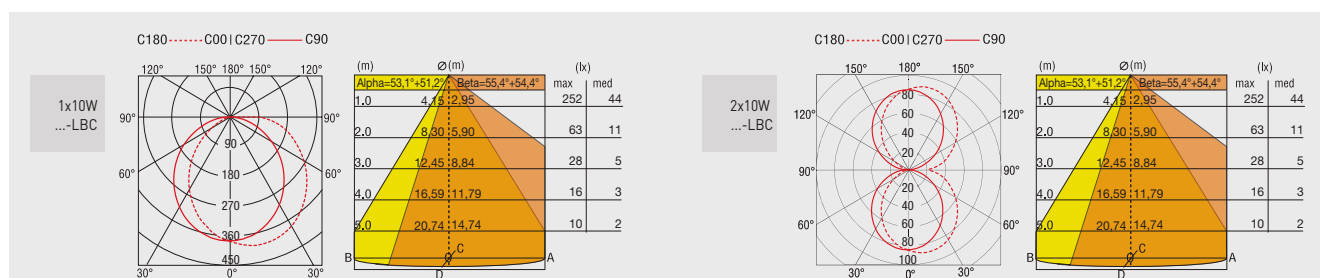
	LED		SISTEMA-SYSTEM					
	W	lm	V	K	(CRI)	W	lm	(lm/W)
 MONO EMISSIONE- MONO EMISSION Br E8805-LBC Ne E8806-LBC Gr E8807-LBC 	9W	1150	220-240V (400mA)	3000	>80	10W	611	61
	9W	1250	220-240V (400mA)	4000	>80	10W	664	66
	DOPPIA EMISSIONE- DOUBLE EMISSION Br E8800-LBC Ne E8801-LBC Gr E8802-LBC 							
 DOPPIA EMISSIONE- DOUBLE EMISSION Br E8800-LBC Ne E8801-LBC Gr E8802-LBC 	2x9W	2300	220-240V (400mA)	3000	>80	19W	1216	64
	2x9W	2500	220-240V (400mA)	4000	>80	19W	1321	69
	A richiesta alimentazione separata doppia accensione Separate power supply on request, double switch							

OP. A richiesta: versioni dimmerabili 1-10V/PUSH/DALI - On request: dimmable versions with 1-10V/PUSH/DALI

IP 65



outside







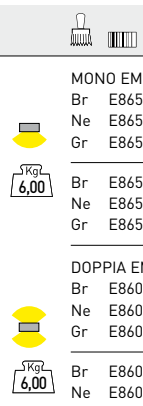
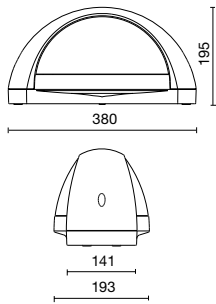


- Corpo in pressofusione di alluminio.
- Verniciatura in polveri di poliestere con trattamento speciale per esterni (sabbiatura, decappaggio, n.3 lavaggi, fluorozirconatura, fondo in polveri epossidiche, finitura di superficie in polvere poliestere).
- Guarnizioni in gomma siliconica.
- Schermo vetro satinato.
- Pressacavo in gomma siliconica PG11.



- Housing of die-cast aluminium.
- Specially treated polyester powder coating for exterior (Pickling, blasting, n3 washings, epoxy bottom, polyester powder surface finish).
- Silicon rubber gaskets.
- Satined diffuser glass.
- Cable gland in silicon rubber PG11.

	LED					SISTEMA-SYSTEM			
	W	lm	V	K	CRI	W	lm	lm/W	€
 MONO EMISSIONE- MONO EMISSION Br E8650-LBC Ne E8651-LBC Gr E8652-LBC	22W	2400	220-240V (500mA)	3000	>80	25W	1269	51	350,00
	22W	2700	220-240V (500mA)	4000	>80	25W	1428	57	350,00
	2x22W	4800	220-240V (500mA)	3000	>80	48W	2540	53	480,00
 DOPPIA EMISSIONE- DOUBLE EMISSION Br E8600-LBC Ne E8601-LBC Gr E8602-LBC	2x22W	5400	220-240V (500mA)	4000	>80	48W	2858	59	480,00
	2x22W	5400	220-240V (500mA)	4000	>80	48W	2858	59	480,00
	A richiesta alimentazione separata doppia accensione Separate power supply on request, double switch								

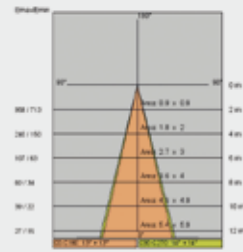
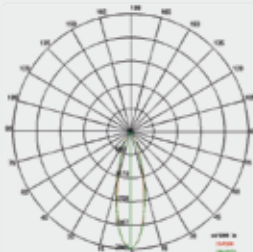


IP 65

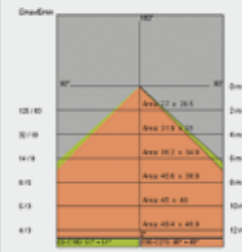
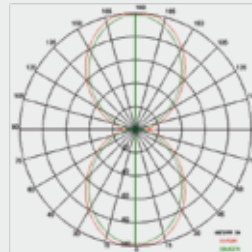


outside

22W
...-LBC



2x22W
...-LBC



MONOLIGHT 105



- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.



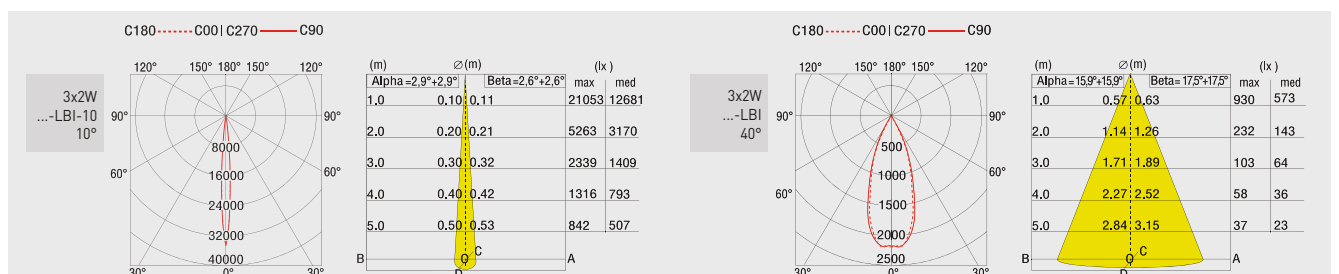
- Body and hanging bracket in die-cast aluminium.
- Powder coated with pretreatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Control gear in the body.
- Silicon rubber gaskets and cable gland.

	Br	Ne	Gr	Beam Angle			W	Im	V	K	CRI
				10	25	40					
	E5550-LBC-10	E5550-LBC-30	E5550-LBC-40	3x2W	375	220-240V (500mA)	3000	>80			
	E5551-LBC-10	E5551-LBC-30	E5551-LBC-40								
	E5552-LBC-10	E5552-LBC-30	E5552-LBC-40								
	E5550-LBN-10	E5550-LBN-30	E5550-LBN-40	3x2W	380	220-240V (500mA)	4000	>80			
	E5551-LBN-10	E5551-LBN-30	E5551-LBN-40								
	E5552-LBN-10	E5552-LBN-30	E5552-LBN-40								
	E5550-LBI-10	E5550-LBI-30	E5550-LBI-40	3x2W	420	220-240V (500mA)	6000	>80			
	E5551-LBI-10	E5551-LBI-30	E5551-LBI-40								
	E5552-LBI-10	E5552-LBI-30	E5552-LBI-40								
	E5550-RGB-10	E5550-RGB-30	E5550-RGB-45	3x1W	-	350mA		-			
	E5551-RGB-10	E5551-RGB-30	E5551-RGB-45								
	E5552-RGB-10	E5552-RGB-30	E5552-RGB-45								

LED COB	Br	Ne	Gr	LED						SISTEMA-SYSTEM		
				W	Im	V	K	Beam	CRI	W	Im	lm/W
	E5550C-LBC-15	E5551C-LBC-15	E5552C-LBC-15	12,3W	1040	350mA	3000	>90	14,3W	894	63	
	E5550C-LBN-15	E5551C-LBN-15	E5552C-LBN-15									
	E5550C-LBC-24	E5551C-LBC-24	E5552C-LBC-24									
	E5550C-LBN-24	E5551C-LBN-24	E5552C-LBN-24	12,9W	1430	350mA	3000	>80	14,9W	1206	81	
	E5550C-LBN-40	E5551C-LBN-40	E5552C-LBN-40									
	E5550C-LBN-40	E5551C-LBN-40	E5552C-LBN-40									
	E5550C-LBN-40	E5551C-LBN-40	E5552C-LBN-40	12,9W	1430	350mA	4000	>80	14,9W	1194	80	
	E5550C-LBN-40	E5551C-LBN-40	E5552C-LBN-40									
	E5550C-LBN-40	E5551C-LBN-40	E5552C-LBN-40									

OP. E....-LBL = LED blu-blue

E....-600178 A richiesta - On request: versione con vetro di sicurezza a filo anello - flush glass version



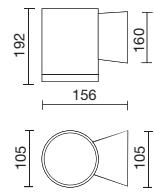


- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Modulo Led COB in dotazione con schermo opale e dissipatore in alluminio anodizzato.
- Guarnizioni e pressacavo di tenuta in gomma silconica.



- Body and hanging bracket in die-cast aluminium.
- Powder coated with pretreatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Control gear in the body.
- Supplied COB Led module with opal screen and snodized aluminium heatsink.
- Silicon rubber gaskets and cable gland.

	E5550-MLBC-25	E5550-MLBC-40	LED				SISTEMA-SYSTEM				
			W	lm	V	K	CRI	W	lm	lm	
Br	E5550-MLBN-25	E5550-MLBN-40	6,2W	770	220-240V (350mA)	3000	>80	7,2W	625	87	[25°]
Ne	E5551-MLBN-25	E5551-MLBN-40	6,2W	860	220-240V (350mA)	4000	>80	7,2W	698	97	[25°]
Gr	E5552-MLBN-25	E5552-MLBN-40	6,2W	960	220-240V (350mA)	5600	>80	7,2W	790	108	[25°]
	E5551-MLBI-25	E5551-MLBI-40									
	E5551-MLBI-25	E5551-MLBI-40									
	E5552-MLBI-25	E5552-MLBI-40									



OP. E....-600178 A richiesta - On request: versione con vetro di sicurezza a filo anello - flush glass version disponibile - available

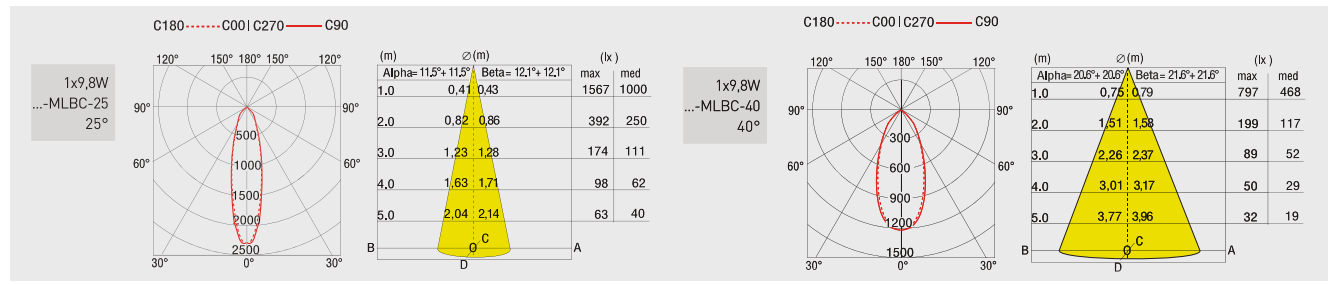


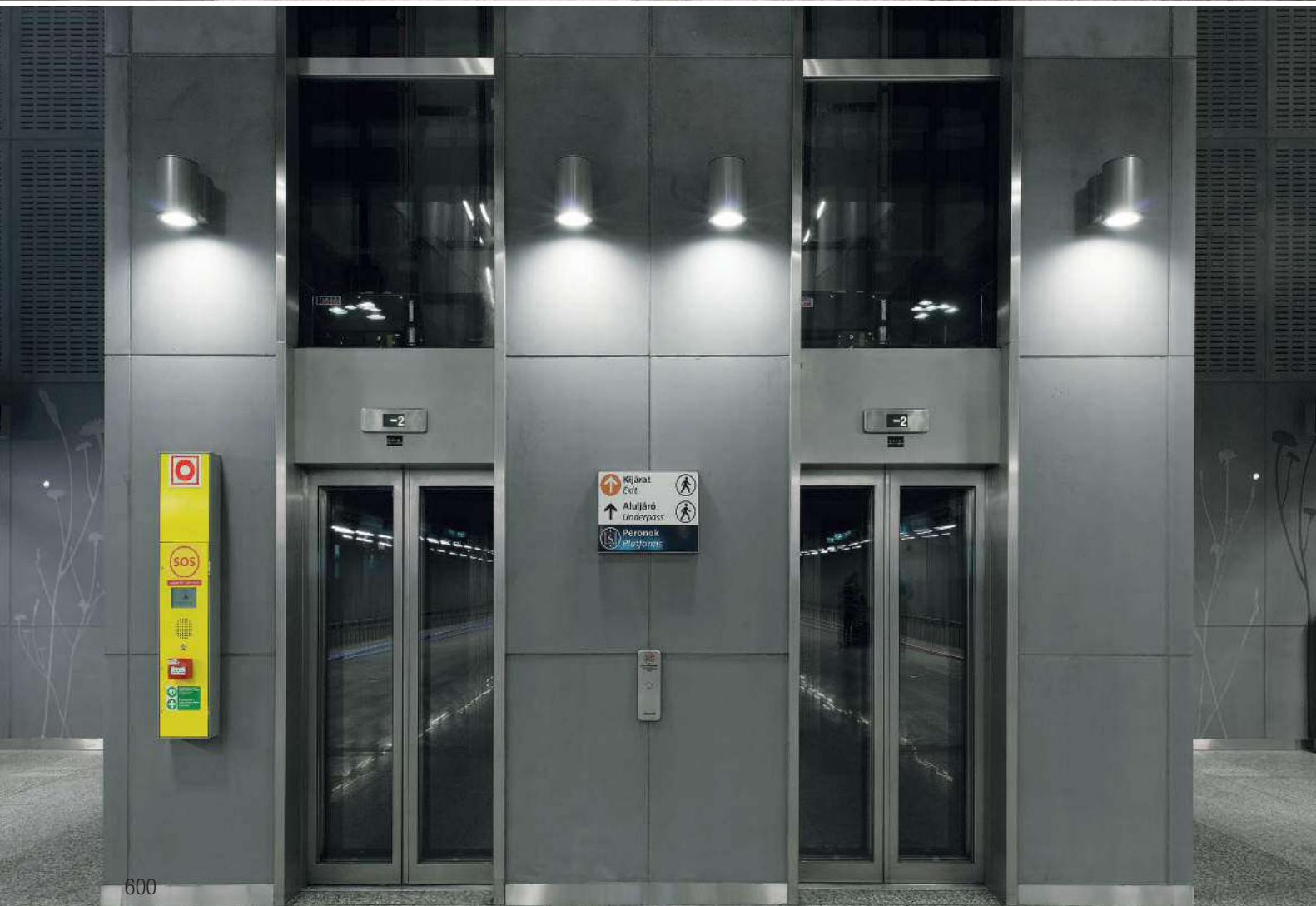
MODULO LED DI RICAMBIO - LED MODULE REPLACEMENT

645646-BC	Modulo-Module Led COB	830lm	3000K	25°
645646-BN	Modulo-Module Led COB	900lm	4000K	25°
645646-BI	Modulo-Module Led COB	1100lm	5600K	25°
645647-BC	Modulo-Module Led COB	830lm	3000K	40°
645647-BN	Modulo-Module Led COB	900lm	4000K	40°
645647-BI	Modulo-Module Led COB	1100lm	5600K	40°



IP 65, T, F, HOSFN-F, 25, 40, 5 ANNI, outside







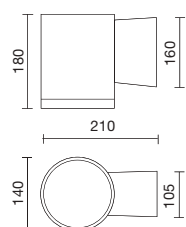
MONOLIGHT 140

- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Guarnizioni e pressacavo di tenuta in gomma silconica.

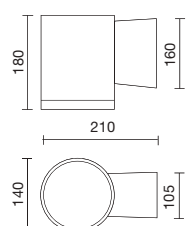
- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Control gear in the body.
- Silicon rubber gaskets and cable gland.



	24	40	LED					SISTEMA-SYSTEM			
			W	lm	V	K	°	W	lm	lm/W	
Br	E5590-LBC-24	E5590-LBC-40	26W	2760 2650	220-240V (700mA)	3000	>80	30W	2498 2427	83 81	[24°] [40°]
Ne	E5591-LBC-24	E5591-LBC-40									
Gr	E5592-LBC-24	E5592-LBC-40									
Br	E5590-LBN-24	E5590-LBN-40	26W	2900 2780	220-240V (700mA)	4000	>80	30W	2625 2546	88 85	[24°] [40°]
Ne	E5591-LBN-24	E5591-LBN-40									
Gr	E5592-LBN-24	E5592-LBN-40									



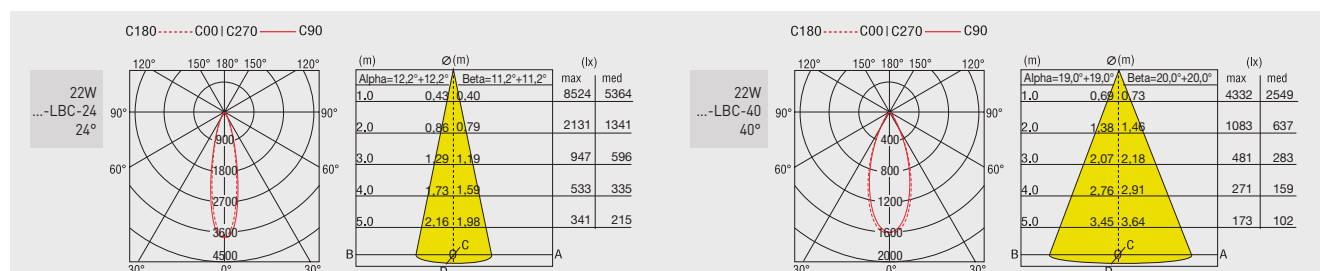
	16	25	36	LED					SISTEMA-SYSTEM			
				W	lm	V	K	°	W	lm	lm/W	
Br	E5590-LBC-16	E5590-LBC-25	E5590-LBC-36	18W	1830 1880 1800	220-240V (500mA)	3000	>80	21W	1672 1703 1634	80 81 78	[16°] [25°] [36°]
Ne	E5591-LBC-16	E5591-LBC-25	E5591-LBC-36									
Gr	E5592-LBC-16	E5592-LBC-25	E5592-LBC-36									
Br	E5590-LBN-16	E5590-LBN-25	E5590-LBN-36	18W	1940 1990 1910	220-240V (500mA)	4000	>80	21W	1772 1803 1734	84 86 83	[16°] [25°] [36°]
Ne	E5591-LBN-16	E5591-LBN-25	E5591-LBN-36									
Gr	E5592-LBN-16	E5592-LBN-25	E5592-LBN-36									



OP. A richiesta - On request: E.....600179 versione con vetro di sicurezza a filo anello - flush glass version

disponibile - available 1 h

IP 65



PARETE - PLAFONE - SOSPENSIONE • WALL - CEILING - SUSPENSION





- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Guarnizioni e pressacavo di tenuta in gomma silconica.

- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Control gear in the body.
- Silicon rubber gaskets and cable gland.



	LED	SISTEMA-SYSTEM							
		W	lm	V	K	lm/W	W	lm	lm/W
	Br E5680-LBC-24	37,6W	4550	220-240V (1050mA)	3000	>80	41,6W	4141	100
	Ne E5681-LBC-24								
	Gr E5682-LBC-24								
	Br E5680-LBN-24	37,6W	4280	220-240V (1050mA)	4000	>80	41,6W	4350	105
	Ne E5681-LBN-24								
	Gr E5682-LBN-24								
	Br E5680-LBC-40	37,6W	4340	220-240V (1050mA)	3000	>80	41,6W	3920	94
	Ne E5681-LBC-40								
	Gr E5682-LBC-40								
	Br E5680-LBN-40	37,6W	4560	220-240V (1050mA)	4000	>80	41,6W	4117	98
	Ne E5681-LBN-40								
	Gr E5682-LBN-40								

OP. A richiesta - On request: E....-600180 versione con vetro di sicurezza a filo anello - flush glass version

disponibile - available

IP 65

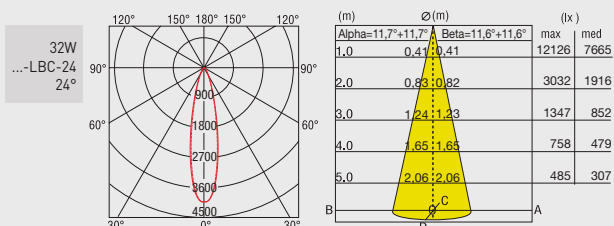


H05RN-F

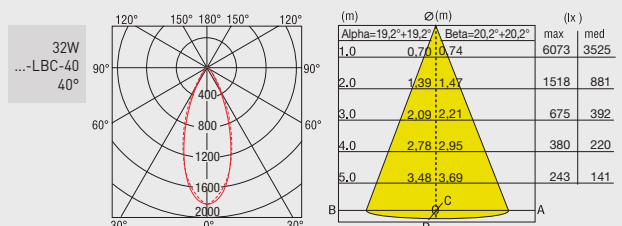


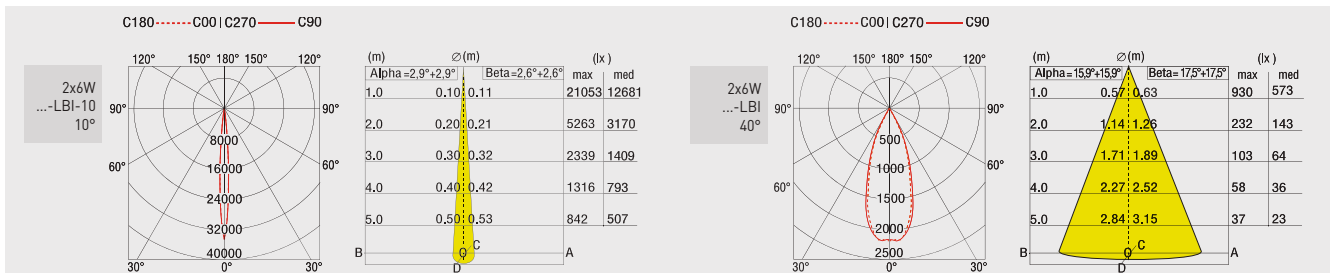
outside

C180.....C00 | C270 — C90



C180.....C00 | C270 — C90







- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Guarnizioni e pressacavo di tenuta in gomma silconica.

- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Control gear in the body.
- Silicon rubber gaskets and cable gland.



					W	lm	V	K	CRI
 	Br	E5553-LBC-10	E5553-LBC-30	E5553-LBC	2x6W	375	220-240V (500mA)	3000	>80
	Ne	E5554-LBC-10	E5554-LBC-30	E5554-LBC					
	Gr	E5555-LBC-10	E5555-LBC-30	E5555-LBC					
	Br	E5553-LBN-10	E5553-LBN-30	E5553-LBN	2x6W	380	220-240V (500mA)	4000	>80
	Ne	E5554-LBN-10	E5554-LBN-30	E5554-LBN					
	Gr	E5555-LBN-10	E5555-LBN-30	E5555-LBN					
	Br	E5553-LBI-10	E5553-LBI-30	E5553-LBI	2x6W	420	220-240V (500mA)	6000	>80
	Ne	E5554-LBI-10	E5554-LBI-30	E5554-LBI					
	Gr	E5555-LBI-10	E5555-LBI-30	E5555-LBI					
	Br	E5553-RGB-10	E5553-RGB-30	E5553-RGB-45	2x3W	-	350mA		-
	Ne	E5554-RGB-10	E5554-RGB-30	E5554-RGB-45					
	Gr	E5555-RGB-10	E5555-RGB-30	E5555-RGB-45					

				W	lm	V	K	CRI
	Br	E5553-MLBC-25	E5553-MLBC-40	2x6,2W	770	220-240V (350mA)	3000	>80
	Ne	E5554-MLBC-25	E5554-MLBC-40					
	Gr	E5555-MLBC-25	E5555-MLBC-40					
	Br	E5553-MLBN-25	E5553-MLBN-40	2x6,2W	860	220-240V (350mA)	4000	>80
	Ne	E5554-MLBN-25	E5554-MLBN-40					
	Gr	E5555-MLBN-25	E5555-MLBN-40					
	Br	E5553-MLBI-25	E5553-MLBI-40	2x6,2W	960	220-240V (350mA)	5600	>80
	Ne	E5554-MLBI-25	E5554-MLBI-40					
	Gr	E5555-MLBI-25	E5555-MLBI-40					

					W	lm	V	K	CRI
	Br	E5553C-LBC-15			2x12,3W	1040	220-240V (350mA)	3000	>90
	Ne	E5554C-LBC-15							
	Gr	E5555C-LBC-15							
	Br	E5553C-LBN-15			2x12,3W	1120	220-240V (350mA)	4000	>90
	Ne	E5554C-LBN-15							
	Gr	E5555C-LBN-15							
	Br		E5553C-LBC-24		2x12,9W	1430	220-240V (350mA)	3000	>80
	Ne		E5554C-LBC-24						
	Gr		E5555C-LBC-24						
	Br		E5553C-LBN-24		2x12,9W	1360	220-240V (350mA)	4000	>80
	Ne		E5554C-LBN-24						
	Gr		E5555C-LBN-24						
	Br		E5553C-LBC-40		2x12,9W	1310	220-240V (350mA)	3000	>80
	Ne		E5554C-LBC-40						
	Gr		E5555C-LBC-40						
	Br		E5553C-LBN-40		2x12,9W	1430	220-240V (350mA)	4000	>80
	Ne		E5554C-LBN-40						
	Gr		E5555C-LBN-40						

OP. E....-LBL = LED blu-blue

E....-600178 A richiesta - On request: versione con vetro di sicurezza a filo anello - flush glass version



DOUBLELIGHT 140



- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.

- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Control gear in the body.
- Silicon rubber gaskets and cable gland.

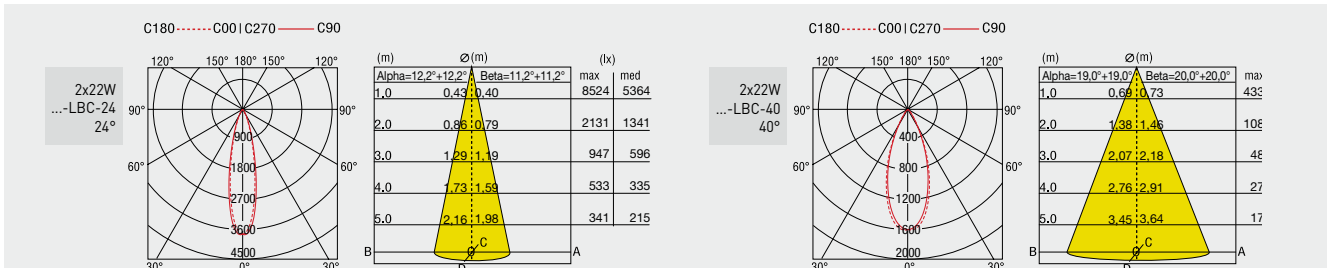


	Br	Ne	Gr	LED					SISTEMA-SYSTEM				
				W	lm	V	K	CR1	W	lm	lm/W		
	Br	E5593-LBC-24	E5593-LBC-40	2x26W	2x2760 2x2650	220-240V (700mA)	3000	>80		30W	5000	85	[24° (40°)]
	Ne	E5594-LBC-24	E5594-LBC-40										
	Gr	E5595-LBC-24	E5595-LBC-40										
	Br	E5593-LBN-24	E5593-LBN-40	2x26W	2900 2780	220-240V (700mA)	4000	>80		30W	5250	89	[24° (40°)]
	Ne	E5594-LBN-24	E5594-LBN-40										
	Gr	E5595-LBN-24	E5595-LBN-40										

	Br	Ne	Gr	LED					SISTEMA-SYSTEM				
				W	lm	V	K	CR1	W	lm	lm/W		
	Br	E5593-LBC-16	E5593-LBC-25	E5593-LBC-36	2x12,1W	2x1290 2x1235	220-240V (500mA)	3000	>80	27,2W	2303	85	[16° (25°) (36°)]
	Ne	E5594-LBC-16	E5594-LBC-25	E5594-LBC-36									
	Gr	E5595-LBC-16	E5595-LBC-25	E5595-LBC-36									
	Br	E5593-LBN-16	E5593-LBN-25	E5593-LBN-36	2x12,1W	2x1350 2x1300	220-240V (500mA)	4000	>80	27,2W	2413	89	[16° (25°) (36°)]
	Ne	E5594-LBN-16	E5594-LBN-25	E5594-LBN-36									
	Gr	E5595-LBN-16	E5595-LBN-25	E5595-LBN-36									

OP. A richiesta - On request: E.....600179 versione con vetro di sicurezza a filo anello - flush glass version

disponibile - available





DOUBLELIGHT 175

- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Guarnizioni e pressacavo di tenuta in gomma silconica.

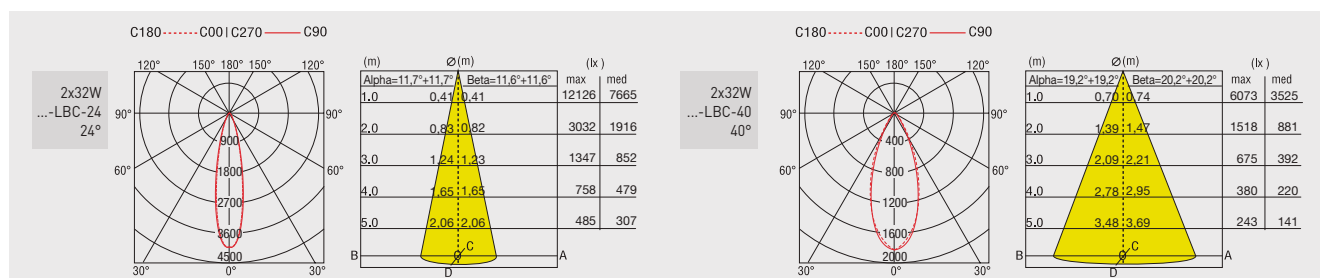
- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Control gear in the body.
- Silicon rubber gaskets and cable gland.



		LED					SISTEMA-SYSTEM				
		W	lm	V	K	°	CRI	W	lm	lm/W	°
	Br	E5683-LBC-24	E5683-LBC-40								
	Ne	E5684-LBC-24	E5684-LBC-40	2x37,6W	2x4550	220-240V	3000	82,2W	8285	101	[24°]
	Gr	E5685-LBC-24	E5685-LBC-40		2x4340	(1050mA)			7840	95	[40°]
	Br	E5683-LBN-24	E5683-LBN-40								
	Ne	E5684-LBN-24	E5684-LBN-40	2x37,6W	2x4780	220-240V	4000	82,2W	8700	106	[24°]
	Gr	E5685-LBN-24	E5685-LBN-40		2x4560	(1050mA)			8235	100	[40°]

		LED					SISTEMA-SYSTEM					
		W	lm	V	K	°	CRI	W	lm	lm/W	°	
	Br	E5683-LBC-16	E5683-LBC-25	E5683-LBC-36								
	Ne	E5684-LBC-16	E5684-LBC-25	E5684-LBC-36	2x18W	2x1880	220-240V	3000	40W	3345	84	[16°]
	Gr	E5685-LBC-16	E5685-LBC-25	E5685-LBC-36		2x1800	(500mA)			3268	82	[36°]
	Br	E5683-LBN-16	E5683-LBN-25	E5683-LBN-36								
	Ne	E5684-LBN-16	E5684-LBN-25	E5684-LBN-36	2x18W	2x1990	220-240V	4000	40W	3607	90	[25°]
	Gr	E5695-LBN-16	E5685-LBN-25	E5685-LBN-36		2x1910	(500mA)			3468	87	[36°]

OP. A richiesta - On request: E....-600180 versione con vetro di sicurezza a filo anello - flush glass version
 disponibile - available







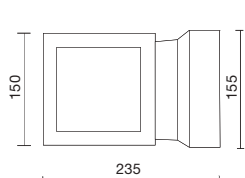
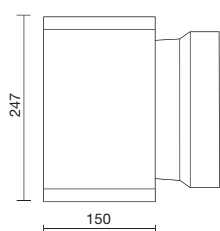
QUADRO MONO MCL

- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Ottica in alluminio purissimo.
- Guarnizione in gomma siliconica.

- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Control gear in the body.
- Very pure aluminium optic.
- Silicon rubber gaskets.



	30	60	LED					SISTEMA-SYSTEM					
			W	lm	V	K	CRI	W	lm	lm/W			
Br E5370-LBC-30		E5370-LBC-60	11,5W	1840	220-240V (350mA)	3000	>80	13,5W	1499	111	[30°]		
Ne E5371-LBC-30	E5371-LBC-60	1526										113	[60°]
Gr E5372-LBC-30	E5372-LBC-60												
Br E5370-LBI-30		E5370-LBI-60	11,5W	1950	220-240V (350mA)	4000	>80	13,5W	1589	118	[30°]		
Ne E5371-LBI-30	E5371-LBI-60	1618										120	[60°]
Gr E5372-LBI-30	E5372-LBI-60												

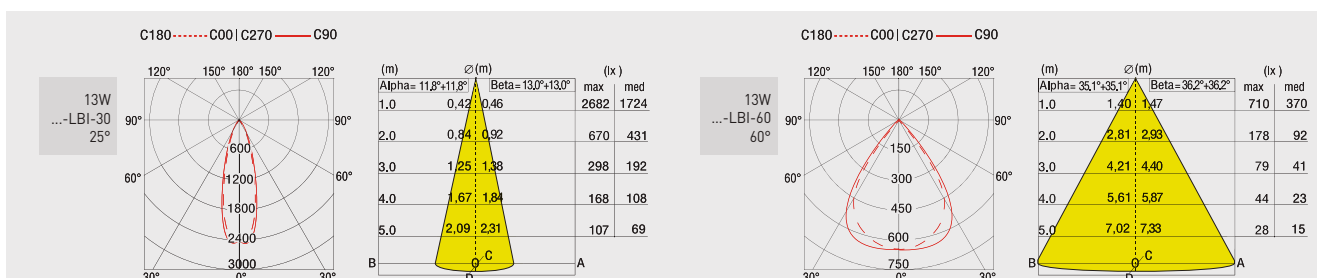


versione-version		40		60									
PLUS													
Br E5375-LBC-40	E5375-LBC-60	37W	4740	220-240V (1050mA)	3000	>80	41W	3770	92	40°			
Ne E5376-LBC-40	E5376-LBC-60										4170	102	60°
Gr E5377-LBC-40	E5377-LBC-60												
Br E5375-LBN-40	E5375-LBN-60	37W	4970	220-240V (1050mA)	4000	>80	41W	3950	96	40°			
Ne E5376-LBN-40	E5376-LBN-60										4370	107	60°
Gr E5377-LBN-40	E5377-LBN-60												

OP. A richiesta - On request: Led con temperatura di **COLORE 2700K** - Temperature Led **COLOUR 2700K**
disponibile - available



IP 65, I, F, 30, 40, 60, 5 ANNI, outside



QUADRO MONO



- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Guarnizione in gomma siliconica.

- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Control gear in the body.
- Silicon rubber gaskets.



	Br	Beam Angle			W	lm	V	K	CRI
		10	25	40					
	Br	E5360-LBC-10	E5360-LBC-30	E5360-LBC-45	3x2W	379	220-240V (500mA)	3000	>80
	Ne	E5361-LBC-10	E5361-LBC-30	E5361-LBC-45					
	Gr	E5362-LBC-10	E5362-LBC-30	E5362-LBC-45					
	Br	E5360-LBI-10	E5360-LBI-30	E5360-LBI-45	3x2W	420	220-240V (500mA)	6000	>80
	Ne	E5361-LBI-10	E5361-LBI-30	E5361-LBI-45					
	Gr	E5362-LBI-10	E5362-LBI-30	E5362-LBI-45					
	Br	E5360-LBN-10	E5360-LBN-30	E5360-LBN-45	3x2W	380	220-240V (500mA)	4000	>80
	Ne	E5361-LBN-10	E5361-LBN-30	E5361-LBN-45					
	Gr	E5362-LBN-10	E5362-LBN-30	E5362-LBN-45					
	Br	E5360-LBL-10	E5360-LBL-30	E5360-LBL-45	3x2W	-	220-240V (500mA)	470nm	>80
	Ne	E5361-LBL-10	E5361-LBL-30	E5361-LBL-45					
	Gr	E5362-LBL-10	E5362-LBL-30	E5362-LBL-45					

	Br	Beam Angle			LED					SISTEMA-SYSTEM			
		16	24	36	W	lm	V	K	CRI	W	lm	lm/W	
	Br	E5348-LBC-16	E5348-LBC-24	E5348-LBC-36	18W	1830	220-240V (500mA)	3000	>80	21W	1672	80	[16°]
	Ne	E5349-LBC-16	E5349-LBC-24	E5349-LBC-36									
	Gr	E5350-LBC-16	E5350-LBC-24	E5350-LBC-36									
	Br	E5348-LBN-16	E5348-LBN-24	E5348-LBN-36	18W	1940	220-240V (500mA)	4000	>80	21W	1772	84	[16°]
	Ne	E5349-LBN-16	E5349-LBN-24	E5349-LBN-36									
	Gr	E5350-LBN-16	E5350-LBN-24	E5350-LBN-36									
	Br	E5348-LBN-16	E5348-LBN-24	E5348-LBN-36	18W	1990	220-240V (500mA)	4000	>80	21W	1803	86	[24°]
	Ne	E5349-LBN-16	E5349-LBN-24	E5349-LBN-36									
	Gr	E5350-LBN-16	E5350-LBN-24	E5350-LBN-36									

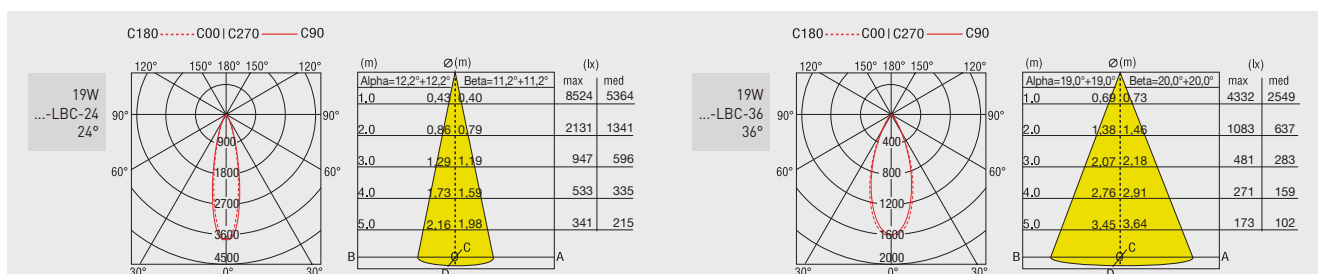
	Br	Beam Angle			W	lm	V	K	CRI	
		15	24	40						
	Br	E5348C-LBC-15			12,3W	1040	[15°]	220-240V (350mA)	3000	>90
	Ne	E5349C-LBC-15								
	Gr	E5350C-LBC-15								
	Br	E5348C-LBN-15			12,3W	1120	[15°]	220-240V (350mA)	4000	>90
	Ne	E5349C-LBN-15								
	Gr	E5350C-LBN-15								
	Br	E5348C-LBC-24	E5348C-LBC-40		12,9W	1430	[24°]	220-240V (350mA)	3000	>80
	Ne	E5349C-LBC-24	E5349C-LBC-40							
	Gr	E5350C-LBC-24	E5350C-LBC-40							
	Br	E5348C-LBN-24	E5348C-LBC-40		12,9W	1430	[40°]	220-240V (350mA)	4000	>80
	Ne	E5349C-LBN-24	E5349C-LBC-40							
	Gr	E5350C-LBN-24	E5350C-LBC-40							

OP. A richiesta - On request: disponibile - available



IP 65

outside





QUADRO MONO EMME

- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Guarnizione in gomma siliconica.

- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Control gear in the body.
- Silicon rubber gaskets.



	25	40	LED					SISTEMA-SYSTEM			
			W	lm	V	K	CRI	W	lm	lm/W	
	Br E5360-MLBC-25	E5360-MLBC-40	6,2W	770	220-240V (350mA)	3000	>80	7,2W	625	86	[25°]
	Ne E5361-MLBC-25	E5361-MLBC-40									[40°]
	Gr E5362-MLBC-25	E5362-MLBC-40									[40°]
	Br E5360-MLBN-25	E5360-MLBN-40	6,2W	860	220-240V (350mA)	4000	>80	7,2W	698	97	[25°]
	Ne E5361-MLBN-25	E5361-MLBN-40									[40°]
	Gr E5362-MLBN-25	E5362-MLBN-40									[40°]
	Br E5360-MLBI-25	E5360-MLBI-40	6,2W	960	220-240V (350mA)	5600	>80	7,2W	780	108	[25°]
	Ne E5361-MLBI-25	E5361-MLBI-40									[40°]
	Gr E5362-MLBI-25	E5362-MLBI-40									[40°]



MODULO LED DI RICAMBIO - LED MODULE REPLACEMENT

645646-BC	Modulo-Module Led COB	830lm	3000K	25°
645646-BN	Modulo-Module Led COB	900lm	4000K	25°
645646-BI	Modulo-Module Led COB	1100lm	5600K	25°
645647-BC	Modulo-Module Led COB	830lm	3000K	40°
645647-BN	Modulo-Module Led COB	900lm	4000K	40°
645647-BI	Modulo-Module Led COB	1100lm	5600K	40°



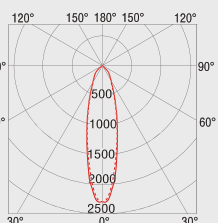
IP 65



outside

C180.....C00 | C270 — C90

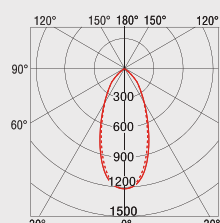
1x9,8W
...-MLBC-25
25°



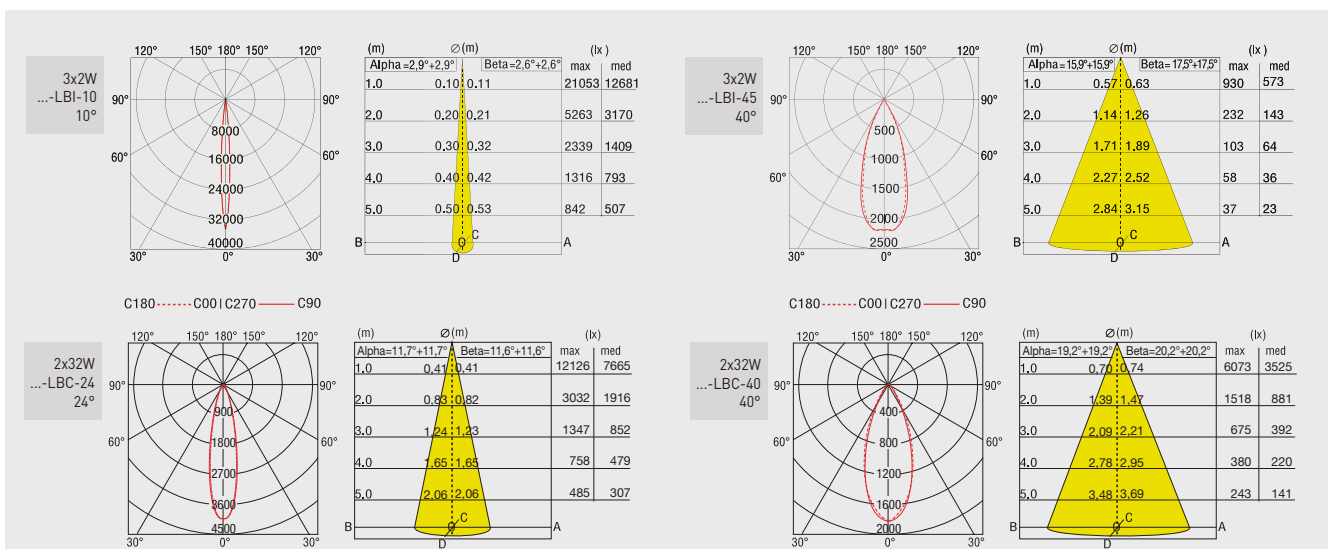
(m)	∅(m)	(lx)	max	med
1.0	0.41 0.43	1567	1000	
2.0	0.82 0.86	392	250	
3.0	1.23 1.28	174	111	
4.0	1.63 1.71	98	62	
5.0	2.04 2.14	63	40	

C180.....C00 | C270 — C90

1x9,8W
...-MLBC-40
40°



(m)	∅(m)	(lx)	max	med
1.0	0.75 0.79	797	468	
2.0	1.51 1.58	199	117	
3.0	2.26 2.37	89	52	
4.0	3.01 3.17	50	29	
5.0	3.77 3.96	32	19	





QUADRO DOUBLE

- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Ottica in alluminio purissimo.
- Guarnizione in gomma silconica.

- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Control gear in the body.
- Very pure aluminium optic.
- Silicon rubber gaskets.

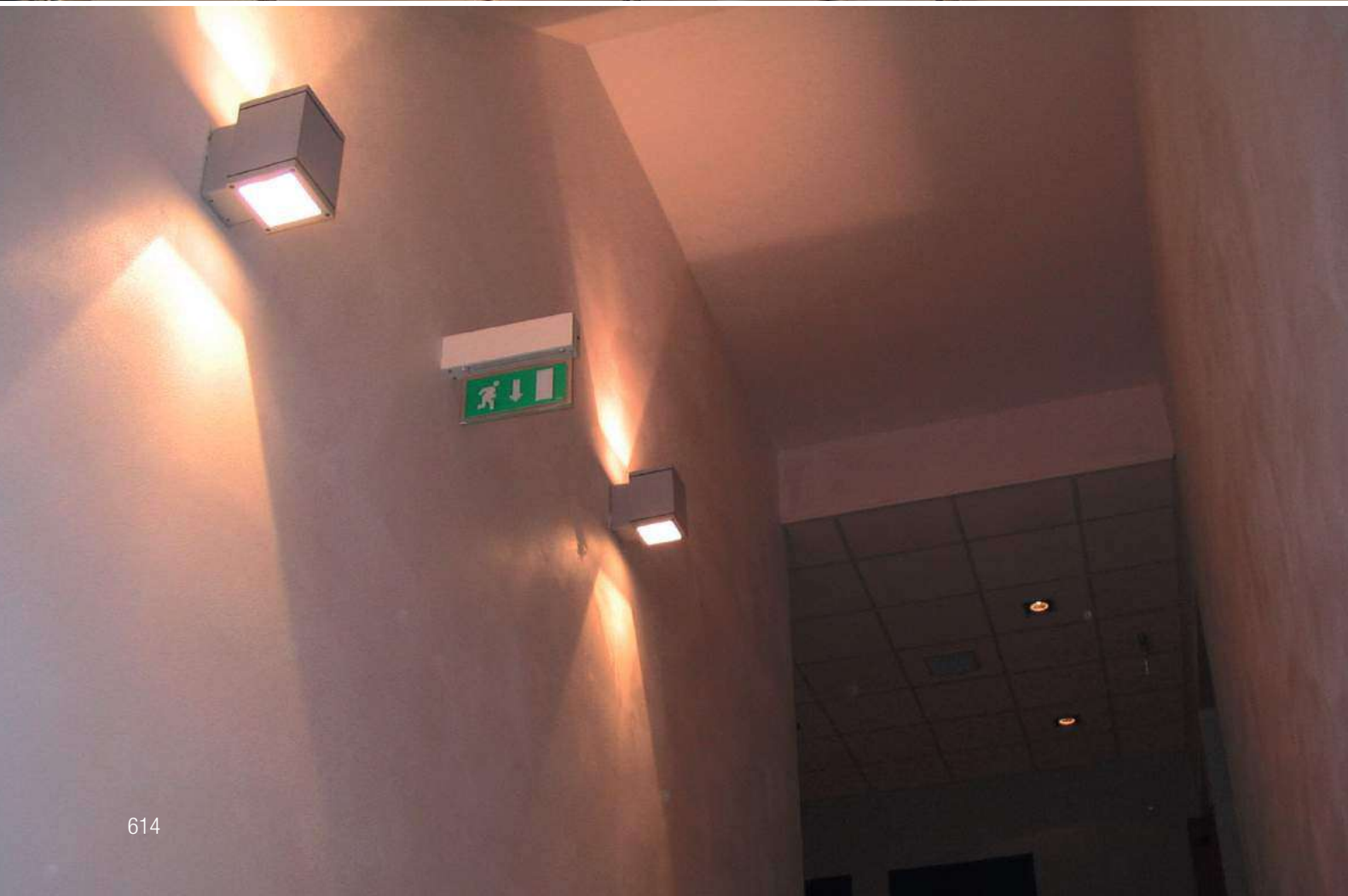


						(W)	(lm)	(V)	(K)	(CRI)
	Br	E5363-LBC-10	E5363-LBC-30	E5363-LBC-45						
	Ne	E5364-LBC-10	E5364-LBC-30	E5364-LBC-45	n. 2	3x2W	2x375	220-240V (500mA)	3000	>80
	Gr	E5365-LBC-10	E5365-LBC-30	E5365-LBC-45						
	Br	E5363-LBI-10	E5363-LBI-30	E5363-LBI-45						
	Ne	E5364-LBI-10	E5364-LBI-30	E5364-LBI-45	n. 2	3x2W	2x420	220-240V (500mA)	6000	>80
	Gr	E5365-LBI-10	E5365-LBI-30	E5365-LBI-45						
	Br	E5363-LBN-10	E5363-LBN-30	E5363-LBN-45						
	Ne	E5364-LBN-10	E5364-LBN-30	E5364-LBN-45	n. 2	3x2W	2x380	220-240V (500mA)	4000	>80
	Gr	E5365-LBN-10	E5365-LBN-30	E5365-LBN-45						
	Br	E5363-LBL-10	E5363-LBL-30	E5363-LBL-45						
	Ne	E5364-LBL-10	E5364-LBL-30	E5364-LBL-45	n. 2	3x2W	-	220-240V (500mA)	470nm	>80
	Gr	E5365-LBL-10	E5365-LBL-30	E5365-LBL-45						

					LED					SISTEMA-SYSTEM			
					(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)	
	Br	E5493-LBC-24	E5493-LBC-40		2x37,6W	2x4550	220-240V	3000	>80	82,2W	8285	101	(24°)
	Ne	E5494-LBC-24	E5494-LBC-40		2x37,6W	2x4340	(1050mA)			82,2W	7840	95	(40°)
	Gr	E5495-LBC-24	E5495-LBC-40										
	Br	E5493-LBN-24	E5493-LBN-40		2x37,6W	2x4780	220-240V	4000	>80	82,2W	8700	106	(24°)
	Ne	E5494-LBN-24	E5494-LBN-40		2x37,6W	2x4560	(1050mA)			82,2W	8235	100	(40°)
	Gr	E5495-LBN-24	E5495-LBN-40										

						(W)	(lm)	(V)	(K)	(CRI)
	Br	E5363C-LBC-15								
	Ne	E5364C-LBC-15			2x12,3W	1040	(10°)	220-240V (350mA)	3000	>90
	Gr	E5365C-LBC-15								
	Br	E5363C-LBN-15								
	Ne	E5364C-LBN-15			2x12,3W	1120	(10°)	220-240V (350mA)	4000	>90
	Gr	E5365C-LBN-15								
	Br	E5363C-LBC-24	E5363C-LBC-40							
	Ne	E5364C-LBC-24	E5364C-LBC-40	2x12,9W	1430	(24°)	220-240V (350mA)	3000	>80	
	Gr	E5365C-LBC-24	E5365C-LBC-40		1360	(40°)				
	Br	E5363C-LBN-24	E5363C-LBN-40							
	Ne	E5364C-LBN-24	E5364C-LBN-40	2x12,9W	1510	(24°)	220-240V (350mA)	4000	>80	
	Gr	E5365C-LBN-24	E5365C-LBN-40		1430	(40°)				

OP. A richiesta - On request: versione con lampade a Led 2x22W - Led lamps version 2x22W





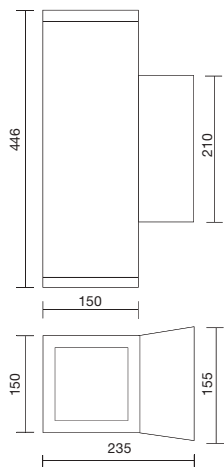
QUADRO DOUBLE EMME

- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Ottica in alluminio purissimo.
- Modulo Led COB in dotazione con schermo opale e dissipatore in alluminio anodizzato.
- Guarnizione e pressacavo di tenuta in gomma silicónica.

- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Control gear in the body.
- Supplied COB Led module with opal screen and anodized aluminium heatsink.
- Silicon rubber gaskets and cable gland.



	LED	SISTEMA-SYSTEM								
		(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)	
	Br E5363-MLBC-25 E5363-MLBC-40	2x6,2W	770	220-240V (350mA)	3000	>80	14,4W	1383	103	[25°]
	Ne E5364-MLBC-25 E5364-MLBC-40									
	Gr E5365-MLBC-25 E5365-MLBC-40									
	Br E5363-MLBN-25 E5363-MLBN-40	2x6,2W	860	220-240V (350mA)	4000	>80	14,4W	1544	115	[25°]
	Ne E5364-MLBN-25 E5364-MLBN-40									
	Gr E5365-MLBN-25 E5365-MLBN-40									
	Br E5363-MLBI-25 E5363-MLBI-40	2x6,2W	960	220-240V (350mA)	5600	>80	14,4W	1724	128	[25°]
	Ne E5364-MLBI-25 E5364-MLBI-40									
	Gr E5365-MLBI-25 E5365-MLBI-40									



MODULO LED DI RICAMBIO - LED MODULE REPLACEMENT

645646-BC	Modulo-Module Led COB	830lm	3000K	25°
645646-BN	Modulo-Module Led COB	900lm	4000K	25°
645646-BI	Modulo-Module Led COB	1100lm	5600K	25°
645647-BC	Modulo-Module Led COB	830lm	3000K	40°
645647-BN	Modulo-Module Led COB	900lm	4000K	40°
645647-BI	Modulo-Module Led COB	1100lm	5600K	40°

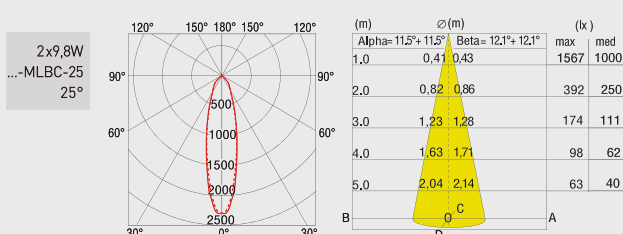


IP 65

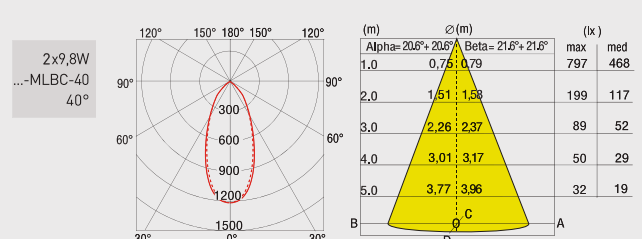


outside

C180.....C00 | C270 — C90



C180.....C00 | C270 — C90





- Modulo da fissaggio a parete su scatola elettrica tipo 503E in dotazione.
- Corpo e basetta in alluminio.
- Verniciatura in polveri poliestere previo trattamento speciale per esterni.
- Viteria in acciaio Inox.
- Vetri di sicurezza.
- Anelli di chiusura in acciaio Inox (AISI 316L).
- Guarnizioni e pressacavo di tenuta in gomma silionica.
- Driver in dotazione IP65.

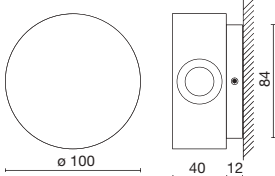
- Wall fixing module with electric type 503E box supplied.
- Body and base made of aluminium.
- Polyester powder coating with special treatment for outdoor use.
- Stainless steel screws.
- Safety glass.
- Stainless steel Inox AISI 316L caps.
- Seals and silicone rubber sealing gland.
- Supplied driver IP65.



VERSIONE 4 LED - 4 LED VERSION								
Br	E5868T-LBC-10	E5868T-LBC-30	E5868T-LBC-45					
Ne	E5869T-LBC-10	E5869T-LBC-30	E5869T-LBC-45	4x2W	4x110	220-240V (500mA)	3000	>80
Gr	E5870T-LBC-10	E5870T-LBC-30	E5870T-LBC-45					
Bw	E5871T-LBC-10	E5871T-LBC-30	E5871T-LBC-45					
<hr/>								
Br	E5868T-LBN-10	E5868T-LBN-30	E5868T-LBN-45					
Ne	E5869T-LBN-10	E5869T-LBN-30	E5869T-LBN-45	4x2W	4x120	220-240V (500mA)	4000	>80
Gr	E5870T-LBN-10	E5870T-LBN-30	E5870T-LBN-45					
Bw	E5871T-LBN-10	E5871T-LBN-30	E5871T-LBN-45					
<hr/>								
Br	E5868T-LBL-10	E5868T-LBL-30	E5868T-LBL-45					
Ne	E5869T-LBL-10	E5869T-LBL-30	E5869T-LBL-45	4x2W	-	220-240V (500mA)	470nm	>80
Gr	E5870T-LBL-10	E5870T-LBL-30	E5870T-LBL-45					
Bw	E5871T-LBL-10	E5871T-LBL-30	E5871T-LBL-45					

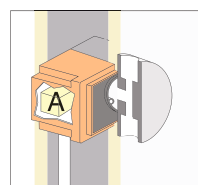


0,98 kg

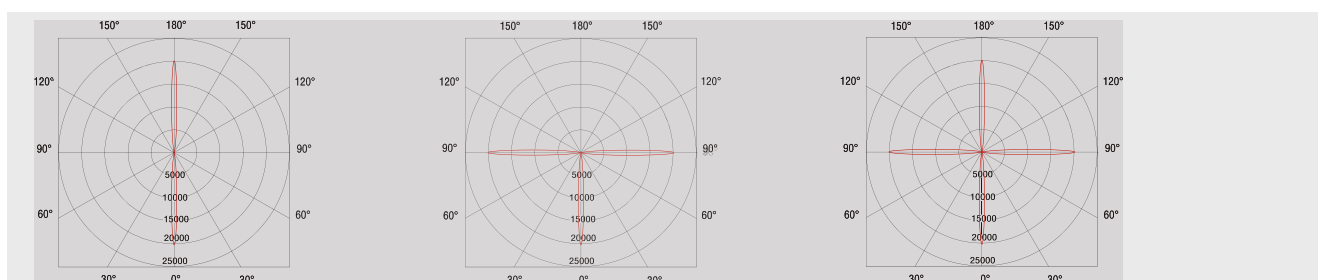
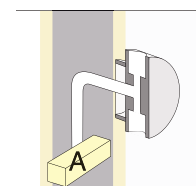


MODALITÀ DI INSTALLAZIONE PER TUTTE LE VERSIONI - INSTALLATION MODE FOR ALL VERSIONS

Alimentatore nella scatola elettrica
Driver inside the electric box



Alimentatore remoto
Remote driver



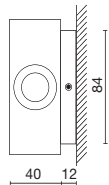
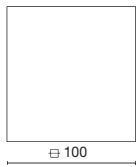


- Modulo da fissaggio a parete su scatola elettrica tipo 503E in dotazione.
- Corpo e bassetta in alluminio.
- Verniciatura in polveri poliesteri previo trattamento speciale per esterni.
- Viteria in acciaio Inox.
- Vetri di sicurezza.
- Anelli di chiusura in acciaio Inox (AISI 316L).
- Guarnizioni e pressacavo di tenuta in gomma siliconica.
- Driver in dotazione IP65.



- Wall fixing module with electric type 503E box supplied.
- Body and base made of aluminium.
- Polyester powder coating with special treatment for outdoor use.
- Stainless steel screws.
- Safety glass.
- Stainless steel Inox AISI 316L caps.
- Seals and silicone rubber sealing gland.
- Supplied driver IP65.

					(W)	(lm)	(V)	(K)	(CRI)
VERSIONE 2 LED - 2 LED VERSION									
	Br	E5860Q-LBC-10	E5860Q-LBC-30	E5860Q-LBC-45	2x2W	2x110	220-240V (500mA)	3000	>80
	Ne	E5861Q-LBC-10	E5861Q-LBC-30	E5861Q-LBC-45					
	Gr	E5862Q-LBC-10	E5862Q-LBC-30	E5862Q-LBC-45					
	Bw	E5863Q-LBC-10	E5863Q-LBC-30	E5863Q-LBC-45					
	Br	E5860Q-LBN-10	E5860Q-LBN-30	E5860Q-LBN-45	2x2W	2x120	220-240V (500mA)	6000	>80
	Ne	E5861Q-LBN-10	E5861Q-LBN-30	E5861Q-LBN-45					
	Gr	E5862Q-LBN-10	E5862Q-LBN-30	E5862Q-LBN-45					
	Bw	E5863Q-LBN-10	E5863Q-LBN-30	E5863Q-LBN-45					
	Br	E5860Q-LBL-10	E5860Q-LBL-30	E5860Q-LBL-45	2x2W	-	220-240V (500mA)	470nm	>80
	Ne	E5861Q-LBL-10	E5861Q-LBL-30	E5861Q-LBL-45					
	Gr	E5862Q-LBL-10	E5862Q-LBL-30	E5862Q-LBL-45					
	Bw	E5863Q-LBL-10	E5863Q-LBL-30	E5863Q-LBL-45					
VERSIONE 3 LED - 3 LED VERSION									
	Br	E5864Q-LBC-10	E5864Q-LBC-30	E5864Q-LBC-45	3x2W	3x110	220-240V (500mA)	3000	>80
	Ne	E5865Q-LBC-10	E5865Q-LBC-30	E5865Q-LBC-45					
	Gr	E5866Q-LBC-10	E5866Q-LBC-30	E5866Q-LBC-45					
	Bw	E5867Q-LBC-10	E5867Q-LBC-30	E5867Q-LBC-45					
	Br	E5864Q-LBN-10	E5864Q-LBN-30	E5864Q-LBN-45	3x2W	3x120	220-240V (500mA)	6000	>80
	Ne	E5865Q-LBN-10	E5865Q-LBN-30	E5865Q-LBN-45					
	Gr	E5866Q-LBN-10	E5866Q-LBN-30	E5866Q-LBN-45					
	Bw	E5867Q-LBN-10	E5867Q-LBN-30	E5867Q-LBN-45					
	Br	E5864Q-LBL-10	E5864Q-LBL-30	E5864Q-LBL-45	3x2W	-	220-240V (500mA)	470nm	>80
	Ne	E5865Q-LBL-10	E5865Q-LBL-30	E5865Q-LBL-45					
	Gr	E5866Q-LBL-10	E5866Q-LBL-30	E5866Q-LBL-45					
	Bw	E5867Q-LBL-10	E5867Q-LBL-30	E5867Q-LBL-45					



C180 C00 | C270 — C90

(m)	∅ (m)	(lx)	
		max	med
1.0	0.14	1433	903
2.0	0.28	368	226
3.0	0.42	164	100
4.0	0.55	92	56
5.0	0.69	59	36

...-LBI 10°
 Alpha= 4,0°±4,0°
 A B C D



- Modulo da fissaggio a parete su scatola elettrica tipo 503E in dotazione.
- Corpo e basetta in alluminio.
- Verniciatura in polveri poliestere previo trattamento speciale per esterni.
- Viteria in acciaio Inox.
- Vetri di sicurezza.
- Anelli di chiusura in acciaio Inox (AISI 316L).
- Guarnizioni e pressacavo di tenuta in gomma siliconica.
- Driver in dotazione IP65.

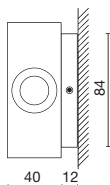
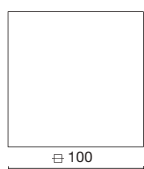


- Wall fixing module with electric type 503E box supplied.
- Body and base made of aluminium.
- Polyester powder coating with special treatment for outdoor use.
- Stainless steel screws.
- Safety glass.
- Stainless steel Inox AISI 316L caps.
- Seals and silicone rubber sealing gland.
- Supplied driver IP65.

	10	25	40	W	lm	V	K	CRI	
VERSIONE 4 LED - 4 LED VERSION									
Br	E5868Q-LBC-10	E5868Q-LBC-30	E5868Q-LBC-45						
Ne	E5869Q-LBC-10	E5869Q-LBC-30	E5869Q-LBC-45	4x2W	4x110	220-240V (500mA)	3000	>80	
Gr	E5870Q-LBC-10	E5870Q-LBC-30	E5870Q-LBC-45						
Bw	E5871Q-LBC-10	E5871Q-LBC-30	E5871Q-LBC-45						
Br	E5868Q-LBN-10	E5868Q-LBN-30	E5868Q-LBN-45						
Ne	E5869Q-LBN-10	E5869Q-LBN-30	E5869Q-LBN-45	4x2W	4x120	220-240V (500mA)	6000	>80	
Gr	E5870Q-LBN-10	E5870Q-LBN-30	E5870Q-LBN-45						
Bw	E5871Q-LBN-10	E5871Q-LBN-30	E5871Q-LBN-45						
Br	E5868Q-LBL-10	E5868Q-LBL-30	E5868Q-LBL-45						
Ne	E5869Q-LBL-10	E5869Q-LBL-30	E5869Q-LBL-45	4x2W	-	220-240V (500mA)	470nm	>80	
Gr	E5870Q-LBL-10	E5870Q-LBL-30	E5870Q-LBL-45						
Bw	E5871Q-LBL-10	E5871Q-LBL-30	E5871Q-LBL-45						

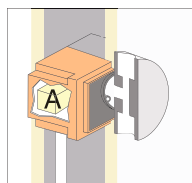


1,25 Kg

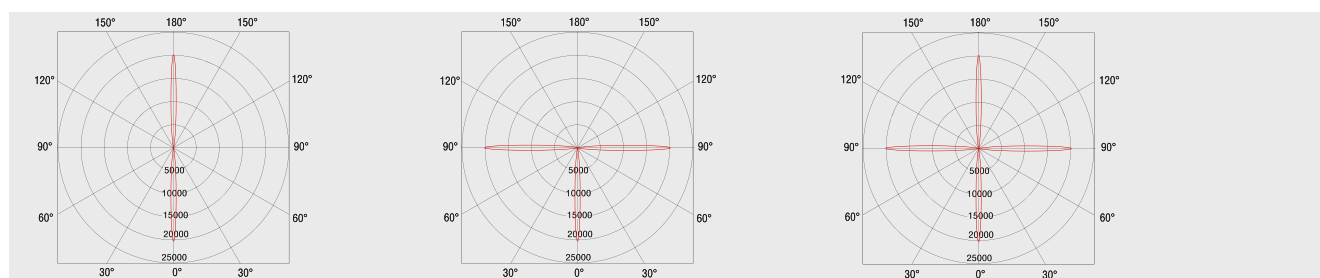
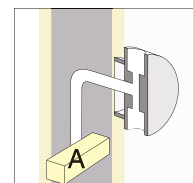


MODALITÀ DI INSTALLAZIONE PER TUTTE LE VERSIONI - INSTALLATION MODE FOR ALL VERSIONS

Alimentatore nella scatola elettrica
Driver inside the electric box



Alimentatore remoto
Remote driver





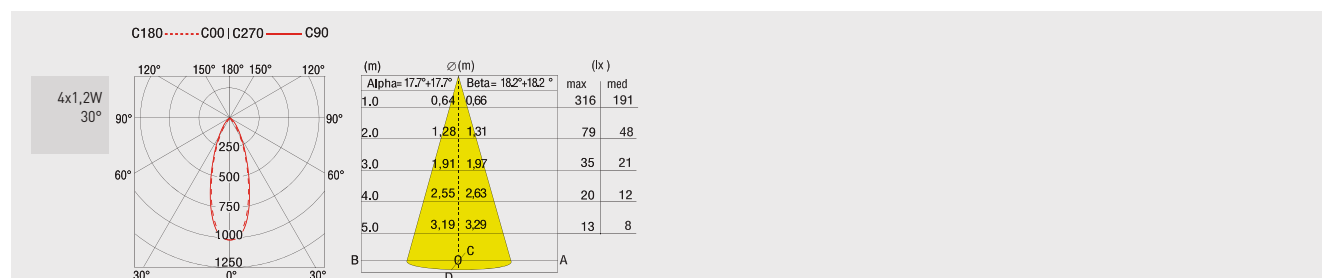


- Corpo in fusione di alluminio.
 - Verniciatura in polveri epossidiche con trattamento speciale per esterni.
 - Lenti in metacrilato.
 - Vetro temperato extrachiario decorativo spessore 4 mm.
- Housing made of die-cast aluminum.
 - Coating in epoxy powder with special treatment for outdoor use.
 - Methacrylate lens.
 - Extraclear tempered glass 4 mm thick.



		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	MONO EMISSIONE - MONO EMISSION Br D2153 Ne D2154 Bw D2155 4 LED 1,55 Kg	4,8W	320	220-240V (350mA)	3000	>80	6,2W	320	55
	DOPPIA EMISSIONE - DOUBLE EMISSION Br D2150 Ne D2151 Bw D2152 8 LED 1,77 Kg	9,6W	2x320	220-240V (350mA)	3000	>80	11,6W	640	55

sidesign COLLECTION



MICRO VARIANT



- Corpo interamente in alluminio.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato extrachiaro a filo.
- Riflettore con lenti in metacrilato.
- Guarnizioni di tenuta in gomma siliconica.
- Pressacavo in gomma siliconica.
- Viteria in acciaio inox.

- Housing made of die-cast aluminium.
- Powder coated with pretreatment for outdoor use.
- Flat extralight protection glass.
- Reflector with metacrylate lens.
- Gasket in silicone rubber.
- Cable gland in silicone rubber.
- Inox steel screws.

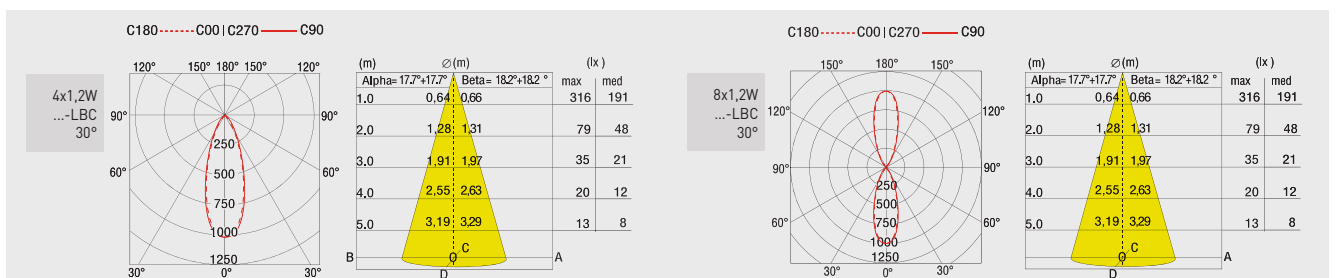


MONO EMISSIONE MONO EMISSION	LED					SISTEMA-SYSTEM		
	W	lm	V	K	CRI	W	lm	lm/W
Br E5850-LBC Ne E5851-LBC Gr E5852-LBC	4x1,2W	400	220-240V (350mA)	3000	>80	5,8W	347	60
Br E5850-LBN Ne E5851-LBN Gr E5852-LBN	4x1,2W	420	220-240V (350mA)	4000	>80	5,8W	364	63
Br E5850-LBI Ne E5851-LBI Gr E5852-LBI	4x1,2W	440	220-240V (350mA)	6000	>80	5,8W	381	66
DOPPIA EMISSIONE DOUBLE EMISSION								
Br E5853-LBC Ne E5854-LBC Gr E5855-LBC	8x1,2W	2x400	220-240V (350mA)	3000	>80	10,6W	692	65
Br E5853-LBN Ne E5854-LBN Gr E5855-LBN	8x1,2W	2x420	220-240V (350mA)	4000	>80	10,6W	726	68
Br E5853-LBI Ne E5854-LBI Gr E5855-LBI	8x1,2W	2x440	220-240V (350mA)	6000	>80	10,6W	761	72



OP. E....-LBI = LED blu-blue

IP 65, T, F, H05RN-F, 30, 5 ANNI, outside



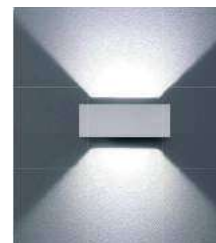
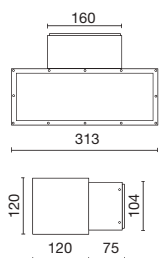


- Corpo interamente in alluminio.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione.
- Guarnizioni di tenuta in gomma siliconica.
- Pressacavo in gomma siliconica.
- Viteria in acciaio inox.

- Housing made of die-cast aluminium.
- Powder coated with pretreatment for outdoor use.
- Protection glass.
- Gasket in silicone rubber.
- Cable gland in silicone rubber.
- Inox steel screws.



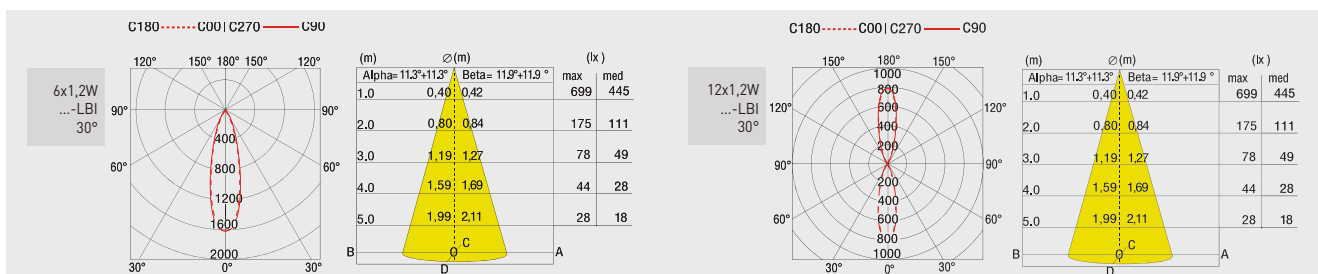
	30	LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
MONO EMISSIONE MONO EMISSION Br E5810-LBC Ne E5811-LBC Gr E5812-LBC									
6,00		6x1,2W	540	220-240V (350mA)	3000	>80	8W	374	47
Br E5810-LBN Ne E5811-LBN Gr E5812-LBN									
		6x1,2W	570	220-240V (350mA)	4000	>80	8W	395	49
DOPPIA EMISSIONE DOUBLE EMISSION Br E5830-LBC Ne E5831-LBC Gr E5832-LBC									
6,00		12x1,2W 2x540		220-240V (350mA)	3000	>80	15W	745	50
Br E5830-LBN Ne E5831-LBN Gr E5832-LBN									
		12x1,2W 2x570		220-240V (350mA)	4000	>80	15W	786	52



IP 65



outside









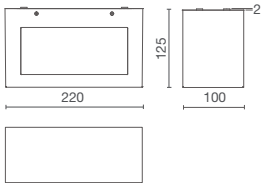


- Corpo in pressofusione di alluminio.
- Verniciatura in polveri di poliestere con trattamento speciale per esterni (sabbatura, decappaggio, n.3 lavaggi, fluorozirconatura, fondo in polveri epossidiche, finitura di superficie in polvere poliestere).
- Guarnizioni in gomma siliconica.
- Schermo in policarbonato opale
- Pressacavo in gomma siliconica PG11.

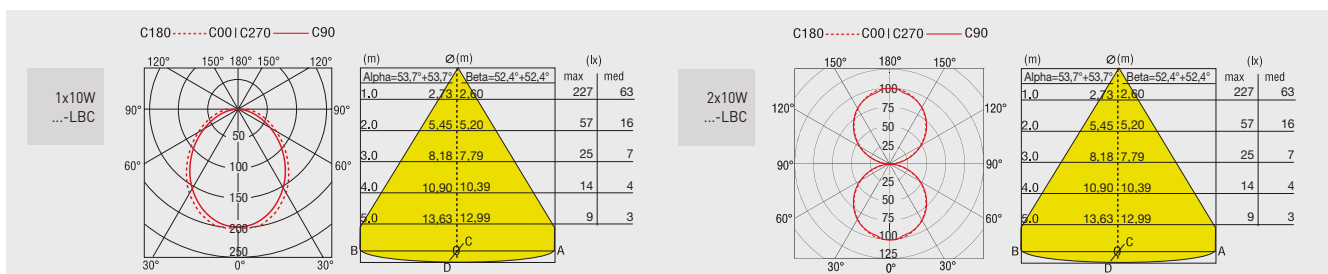


- Housing of die-cast aluminium.
- Specially treated polyester powder coating for exterior (Pickling, blasting, n3 washings, epoxy bottom, polyester powder surface finish).
- Silicon rubber gaskets.
- Opal polycarbonate diffuser.
- Cable gland in silicon rubber PG11.

	LED					SISTEMA-SYSTEM		
	W	lm	V	K	(CRI)	W	lm	lm/W
 MONO EMISSIONE- MONO EMISSION Br E8830-LBC Ne E8831-LBC Gr E8832-LBC  Br E8830-LBN Ne E8831-LBN Gr E8832-LBN	10W	1150	220-240V (500mA)	3000	>80	11W	615	56
 DOPPIA EMISSIONE- DOUBLE EMISSION Br E8820-LBC Ne E8821-LBC Gr E8822-LBC  Br E8820-LBN Ne E8821-LBN Gr E8822-LBN	2x10W	2300	220-240V (500mA)	3000	>80	22W	1220	56
	2x10W	2500	220-240V (500mA)	4000	>80	22W	1340	61



OP. A richiesta - On request: disponibile - available



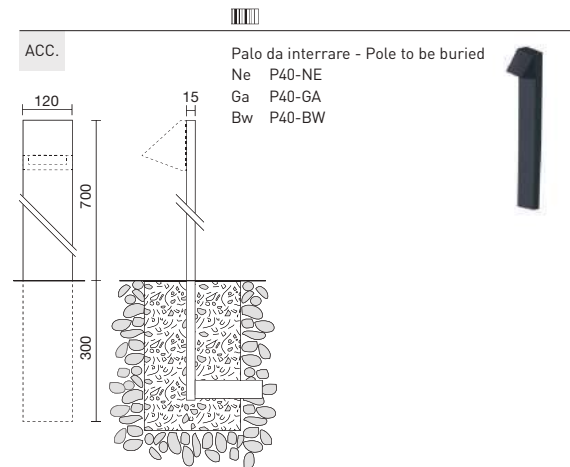
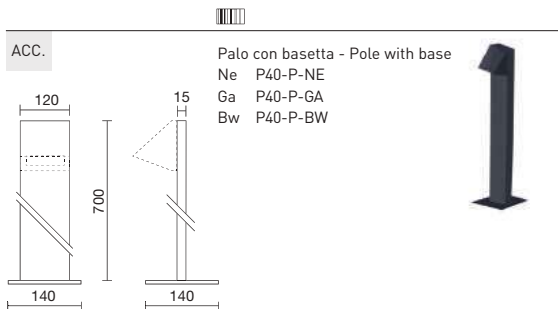
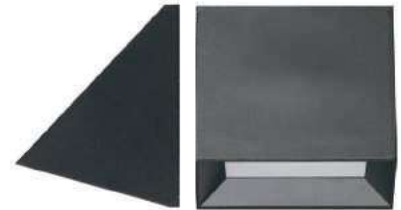
APPLY MINI



- Apparecchio in pressofusione di alluminio.
 - Vernice in polveri con pretrattamento speciale per esterni.
 - Vetro di protezione temperato e sabbiato.
 - Gruppo di alimentazione inserito nell'apparecchio.
- Fitting of die-cast aluminium.
 - Powder coated after special treatment for outdoor use.
 - Frosted and tempered protection glass.
 - Built-in control gear.



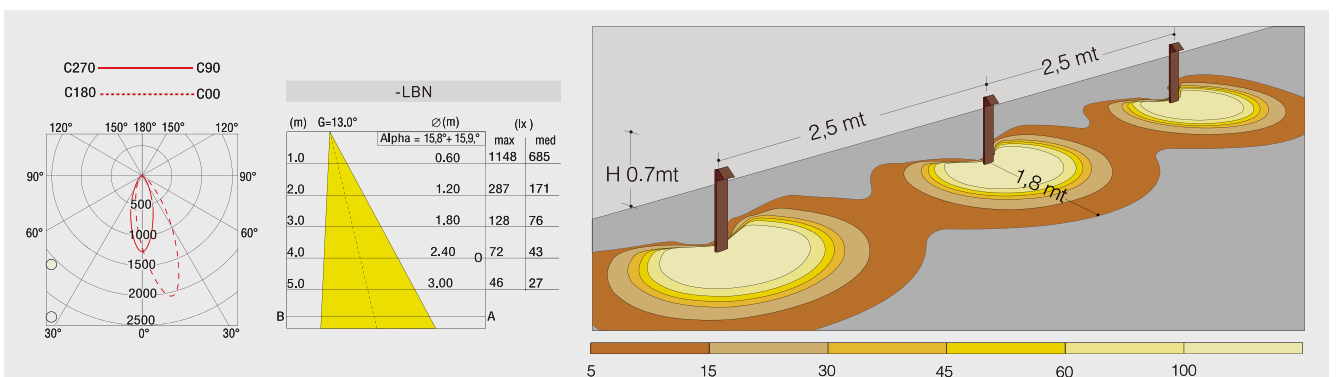
	LED	SISTEMA-SYSTEM							
		(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)
	Ne E8065-LBC	6x1,2W	650	220-240V (350mA)	3000	>80	8,2W	576	70
	Ga E8066-LBC								
	Bw E8067-LBC								
	Ne E8065-LBN	6x1,2W	650	220-240V (350mA)	4000	>80	8,2W	578	70
	Ga E8066-LBN								
	Bw E8067-LBN								



IP 65



outside

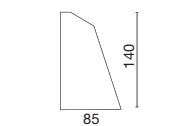




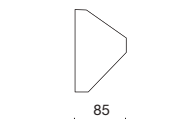
- Apparecchio in pressofusione di alluminio.
- Vernice in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato e sabbato.
- Gruppo di alimentazione inserito nell'apparecchio.

- Fitting of die-cast aluminium.
- Powder coated after special treatment for outdoor use.
- Frosted and tempered protection glass.
- Built-in control gear.

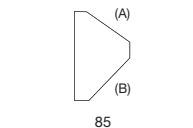
APPLY 1		LED					SISTEMA-SYSTEM		
		(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)
 275	 Ne	MONO EMISSIONE		LED		SISTEMA-SYSTEM			
		MONO EMISSIONE		LED		SISTEMA-SYSTEM			
		E8050-LBC	860	220-240V	3000	518	57		
		E8050-LBN	2x4,8W	900	24Vcc	4000	594	66	
		E8050-LBI	960		6000	620	69		



APPLY 2		LED					SISTEMA-SYSTEM		
		(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)	(lm/W)
 280	 Ne	MONO EMISSIONE		LED		SISTEMA-SYSTEM			
		MONO EMISSIONE		LED		SISTEMA-SYSTEM			
		E8040-LBC	860	220-240V	3000	569	63		
		E8040-LBN	2x4,8W	900	24Vcc	4000	561	62	
		E8040-LBI	960		6000	624	69		



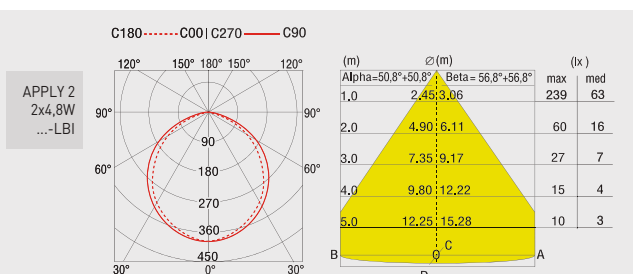
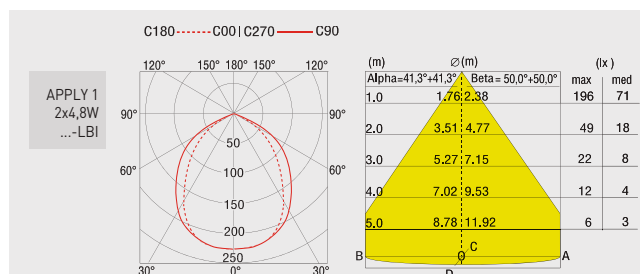
DOPPIA EMISSIONE DOUBLE EMISSION		LED					SISTEMA-SYSTEM	
		(W)	(lm)	(V)	(K)	(CRI)	(W)	(lm)
 280	 Ne	DOPPIA EMISSIONE		LED		SISTEMA-SYSTEM		
		DOPPIA EMISSIONE		LED		SISTEMA-SYSTEM		
		E8046-LBC	(A) 430 (B) 860	220-240V	3000	894	64	
		E8046-LBN	(A) 450 (B) 900	24Vcc	4000	>80	14W	935
		E8046-LBI	(A) 480 (B) 960		6000	997	71	



IP 65



outside



QUADRO CEILING



- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Viteria in acciaio inox.
- Vetro di protezione temperato.
- Gruppo di alimentazione inserito nell'apparecchio.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.

- Body and hanging bracket in die-cast aluminium.
- Powder coated with pretreatment for outdoor use.
- Inox steel screws.
- Tempered protection glass.
- Control gear in the body.
- Silicon rubber gaskets and cable gland.



	Br	Ne	Gr	Beam Angle			W	lm	V	K	CRI
				10°	25°	40°					
	E5366-LBC-10	E5366-LBC-30	E5366-LBC-45	3x2W	375	220-240V (500mA)	3000	>80			
	E5367-LBC-10	E5367-LBC-30	E5367-LBC-45								
	E5368-LBC-10	E5368-LBC-30	E5368-LBC-45								
3,20 Kg	E5366-LBI-10	E5366-LBI-30	E5366-LBI-45	3x2W	420	220-240V (500mA)	6000	>80			
	E5367-LBI-10	E5367-LBI-30	E5367-LBI-45								
	E5368-LBI-10	E5368-LBI-30	E5368-LBI-45								
	E5366-LBN-10	E5366-LBN-30	E5366-LBN-45	3x2W	580	220-240V (500mA)	4000	>80			
	E5367-LBN-10	E5367-LBN-30	E5367-LBN-45								
	E5368-LBN-10	E5368-LBN-30	E5368-LBN-45								
	E5366-LBL-10	E5366-LBL-30	E5366-LBL-45	3x2W	-	220-240V (500mA)	470nm	>80			
	E5367-LBL-10	E5367-LBL-30	E5367-LBL-45								
	E5368-LBL-10	E5368-LBL-30	E5368-LBL-45								

	Br	Ne	Gr	Beam Angle			LED					SISTEMA-SYSTEM							
				16°	24°	36°	W	lm	V	K	CRI	W	lm	lm/W					
3,50 Kg	E5354-LBC-16	E5354-LBC-24	E5354-LBC-36	18W	1830	220-240V (500mA)	3000	>80	21W	1672	80	[16°]							
	E5355-LBC-16	E5355-LBC-24	E5355-LBC-36										1880	1703	81	[24°]			
	E5356-LBC-16	E5356-LBC-24	E5356-LBC-36														1800	1634	78
	E5354-LBN-16	E5354-LBN-24	E5354-LBN-36	18W	1940	220-240V (500mA)	4000	>80	21W	1772	84	[16°]							
	E5355-LBN-16	E5355-LBN-24	E5355-LBN-36										1990	1803	86	[24°]			
	E5356-LBN-16	E5356-LBN-24	E5356-LBN-36														1910	1734	83

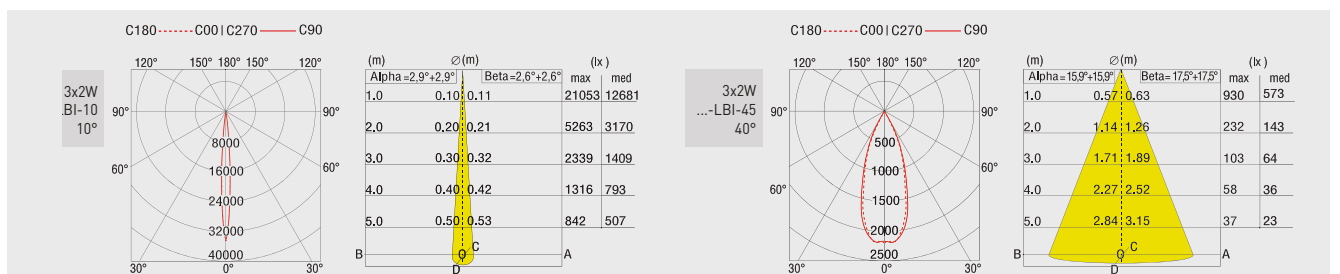
	Br	Ne	Gr	Beam Angle			W	lm	V	K	CRI		
				15°	24°	40°							
3,20 Kg	E5366C-LBC-15			12,3W	1040	[15°]	220-240V (350mA)	3000	>90				
	E5367C-LBC-15												
	E5368C-LBC-15												
	E5366C-LBN-15			12,3W	1120	[15°]	220-240V (350mA)	4000	>90				
	E5367C-LBN-15												
	E5368C-LBN-15												
		E5366C-LBC-24	E5366C-LBC-40	12,9W	1430	[24°]	220-240V (350mA)	3000	>80				
		E5367C-LBC-24	E5367C-LBC-40							1360	[40°]		
		E5368C-LBC-24	E5368C-LBC-40										
		E5366C-LBN-24	E5366C-LBN-40	12,9W	1510	[24°]	220-240V (350mA)	4000	>80				
		E5367C-LBN-24	E5367C-LBN-40							1430	[40°]		
		E5368C-LBN-24	E5368C-LBN-40										

OP. A richiesta - On request: disponibile - available



IP 65

outside





QUADRO CEILING EMME

- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Viteria in acciaio inox.
- Vetro di protezione temperato.
- Modulo Led COB in dotazione con schermo opale e dissipatore in alluminio anodizzato.
- Gruppo di alimentazione inserito nell'apparecchio.
- Guarnizioni e pressacavo di tenuta in gomma silicica.



- Body and hanging bracket in die-cast aluminium.
- Powder coated with pretreatment for outdoor use.
- Inox steel screws.
- Tempered protection glass.
- Supplied COB Led module with opal screen and anodized aluminium heatsink.
- Control gear in the body.
- Silicon rubber gaskets and cable gland.

	E5366-MLBC-25	E5366-MLBC-40	LED					SISTEMA-SYSTEM				
			W	lm	V	K	(CRI)	W	lm	lm		
	Br	E5366-MLBC-25	E5366-MLBC-40	6,2W	770	220-240V (350mA)	3000	>80	7,2W	625	87	(25°)
	Ne	E5367-MLBC-25	E5367-MLBC-40						633	89	(40°)	
	Gr	E5368-MLBC-25	E5368-MLBC-40									
	Br	E5366-MLBN-25	E5366-MLBN-40	6,2W	860	220-240V (350mA)	4000	>80	7,2W	698	97	(25°)
	Ne	E5367-MLBN-25	E5367-MLBN-40						707	98	(40°)	
	Gr	E5368-MLBN-25	E5368-MLBN-40									
	Br	E5366-MLBI-25	E5366-MLBI-40	6,2W	960	220-240V (350mA)	5600	>80	7,2W	780	108	(25°)
	Ne	E5367-MLBI-25	E5367-MLBI-40						790	110	(40°)	
	Gr	E5368-MLBI-25	E5368-MLBI-40									



MODULO LED DI RICAMBIO - LED MODULE REPLACEMENT

645646-BC	Modulo-Module Led COB	830lm	3000K	25°
645646-BN	Modulo-Module Led COB	900lm	4000K	25°
645646-BI	Modulo-Module Led COB	1100lm	5600K	25°
645647-BC	Modulo-Module Led COB	830lm	3000K	40°
645647-BN	Modulo-Module Led COB	900lm	4000K	40°
645647-BI	Modulo-Module Led COB	1100lm	5600K	40°

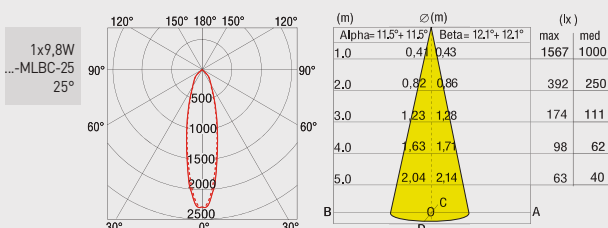


IP 65

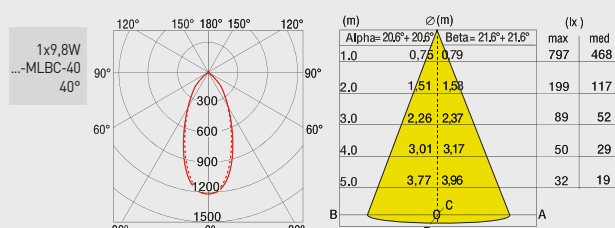


outside

C180-----C00 | C270 ----- C90



C180-----C00 | C270 ----- C90



CEILING 105



- Contropiastra di fissaggio a plafone per aggancio apparecchio.
- Corpo e staffa di ancoraggio in fusione di alluminio.
- Verniciatura in polveri con pre-trattamento speciale per esterni.
- Vetro di protezione temperato e viteria in acciaio inox.
- Guarnizioni in gomma silconica.

- Ceiling counterplate for appliance fixture
- Body and hanging bracket in die-cast aluminium.
- Powder coating with special treatment for outdoor use.
- Tempered protection glass and stainless steel screws.
- Silicon rubber seals.



					(W)	(lm)	(V)	(K)	(CRI)
	Br	E5556-LBC-10	E5556-LBC-30	E5556-LBC	3x2W	373	220-240V (500mA)	3000	>80
	Ne	E5557-LBC-10	E5557-LBC-30	E5557-LBC					
	Gr	E5558-LBC-10	E5558-LBC-30	E5558-LBC					
	Br	E5556-LBN-10	E5556-LBN-30	E5556-LBN	3x2W	380	220-240V (500mA)	4000	>80
	Ne	E5557-LBN-10	E5557-LBN-30	E5557-LBN					
	Gr	E5558-LBN-10	E5558-LBN-30	E5558-LBN					
	Br	E5556-LBI-10	E5556-LBI-30	E5556-LBI	3x2W	420	220-240V (500mA)	6000	>80
	Ne	E5557-LBI-10	E5557-LBI-30	E5557-LBI					
	Gr	E5558-LBI-10	E5558-LBI-30	E5558-LBI					
	Br	E5556-RGB-10	E5556-RGB-30	E5556-RGB-45	3x1W	-	350mA		-
	Ne	E5557-RGB-10	E5557-RGB-30	E5557-RGB-45					
	Gr	E5558-RGB-10	E5558-RGB-30	E5558-RGB-45					

					(W)	(lm)	(V)	(K)	(CRI)
	Br	E5556C-LBC-15			2x12,3W	1040	220-240V (350mA)	3000	>90
	Ne	E5557C-LBC-15							
	Gr	E5558C-LBC-15							
	Br	E5556C-LBN-15			2x12,3W	1120	220-240V (350mA)	4000	>90
	Ne	E5557C-LBN-15							
	Gr	E5558C-LBN-15							
	Br		E5556C-LBC-24	E5556C-LBC-40	2x12,9W	1430	220-240V (350mA)	3000	>80
	Ne		E5557C-LBC-24	E5557C-LBC-40					
	Gr		E5558C-LBC-24	E5558C-LBC-40					
	Br		E5556C-LBN-24	E5556C-LBN-40	2x12,9W	1510	220-240V (350mA)	4000	>80
	Ne		E5557C-LBN-24	E5557C-LBN-40					
	Gr		E5558C-LBN-24	E5558C-LBN-40					

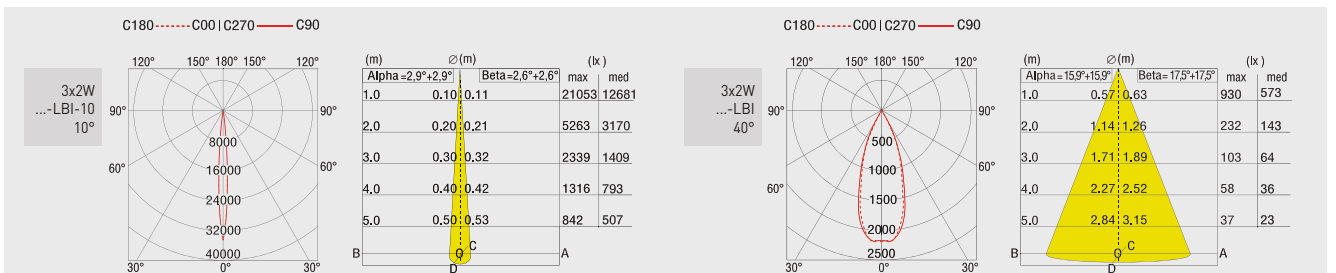
OP. E.....LBL = LED blu-blue

E.....600178 A richiesta - On request: versione con vetro di sicurezza a filo anello - flush glass version

IP 65

5 ANNI

outside



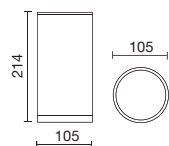


- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Viteria in acciaio inox.
- Vetro di protezione temperato.
- Gruppo di alimentazione inserito nell'apparecchio.
- Modulo Led COB in dotazione con schermo opale e dissipatore in alluminio anodizzato.
- Guarnizioni e pressacavo di tenuta in gomma silicica.

- Body and hanging bracket in die-cast aluminium.
- Powder coated with pretreatment for outdoor use.
- Inox steel screws.
- Tempered protection glass.
- Control gear in the body.
- Supplied COB Led module with opal screen and anodized aluminium heatsink.
- Silicon rubber gaskets and cable gland.



	25	40	LED					SISTEMA-SYSTEM			
			W	lm	V	K	CRI	W	lm	lm/W	
Br E5556-MLBC-25	E5556-MLBC-40		6,2W	770	220-240V (350mA)	3000	>80	7,7W	625	87	[25°]
Ne E5557-MLBC-25	E5557-MLBC-40							683	78		[40°]
Gr E5558-MLBC-25	E5558-MLBC-40										
Br E5556-MLBN-25	E5556-MLBN-40		6,2W	860	220-240V (350mA)	4000	>80	7,7W	698	97	[25°]
Ne E5557-MLBN-25	E5557-MLBN-40							707	98		[40°]
Gr E5558-MLBN-25	E5558-MLBN-40										
Br E5556-MLBI-25	E5556-MLBI-40		6,2W	960	220-240V (350mA)	5600	>80	7,7W	780	108	[25°]
Ne E5557-MLBI-25	E5557-MLBI-40							790	109		[40°]
Gr E5558-MLBI-25	E5558-MLBI-40										



OP. E....-600178 A richiesta - On request: versione con vetro di sicurezza a filo anello - flush glass version



MODULO LED DI RICAMBIO - LED MODULE REPLACEMENT

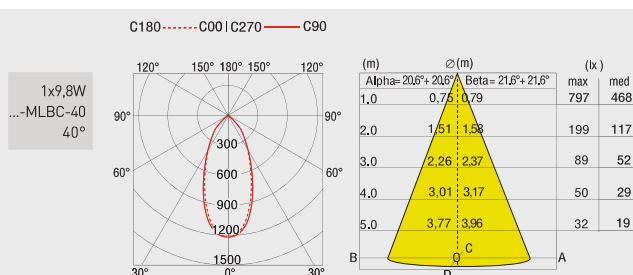
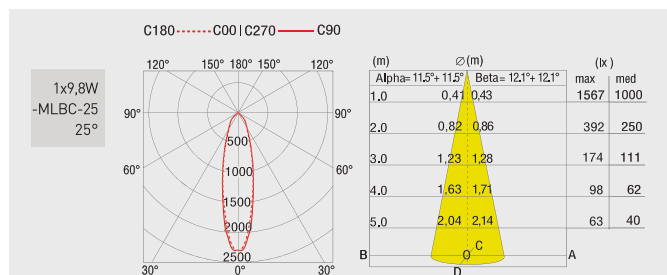
645646-BC	Modulo-Module Led COB	830lm	3000K	25°
645646-BN	Modulo-Module Led COB	900lm	4000K	25°
645646-BI	Modulo-Module Led COB	1100lm	5600K	25°
645647-BC	Modulo-Module Led COB	830lm	3000K	40°
645647-BN	Modulo-Module Led COB	900lm	4000K	40°
645647-BI	Modulo-Module Led COB	1100lm	5600K	40°



IP 65



outside



CEILING 140



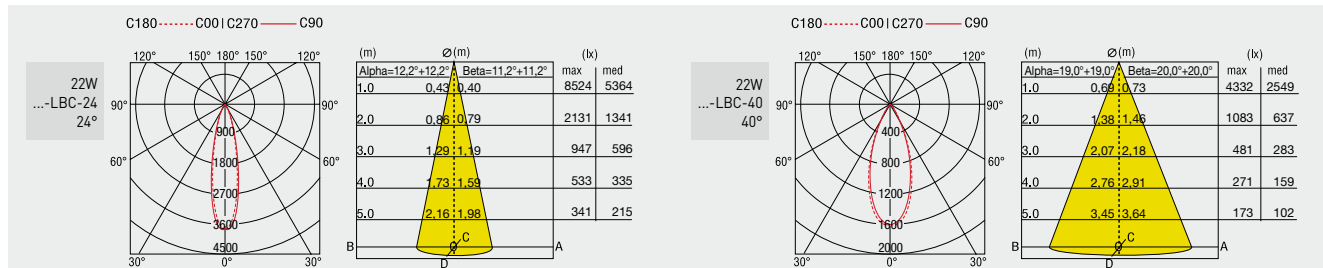
- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.

- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Control gear in the body.
- Silicon rubber gaskets and cable gland.



	Br	E5596-LBC-24	E5596-LBC-40	LED					SISTEMA-SYSTEM				
				W	lm	V	K	lm/W	W	lm	lm/W	lm/W	
	Ne	E5597-LBC-24	E5597-LBC-40	26W	2760 2650	220-240V (700mA)	3000		>80	30W	2498 2427	83 81	[24°] [40°]
	Gr	E5598-LBC-24	E5598-LBC-40										
	Br	E5596-LBN-24	E5596-LBN-40										
	Ne	E5597-LBN-24	E5597-LBN-40	26W	2900 2780	220-240V (700mA)	4000		>80	30W	2625 2546	88 85	[24°] [40°]
	Gr	E5598-LBN-24	E5598-LBN-40										

OP. E....-600179 A richiesta - On request: versione con vetro di sicurezza a filo anello - flush glass version





- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Guarnizioni e pressacavo di tenuta in gomma silconica.

- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Control gear in the body.
- Silicon rubber gaskets and cable gland.

	Br	Ne	Gr	LED					SISTEMA-SYSTEM			
				W	lm	V	K	°	W	lm	lm/W	
	E5686-LBC-24	E5686-LBC-40		37,6W	4550 4340	220-240V (1050mA)	3000	>80	41,6W	4141 3920	100 94	[24°] [40°]
	E5687-LBC-24	E5687-LBC-40										
	E5688-LBC-24	E5688-LBC-40										
	E5686-LBN-24	E5686-LBN-40		37,6W	4780 4560	220-240V (1050mA)	4000	>80	41,6W	4350 4117	105 99	[24°] [40°]
	E5687-LBN-24	E5687-LBN-40										
	E5688-LBN-24	E5688-LBN-40										

	Br	Ne	Gr	LED					SISTEMA-SYSTEM			
				W	lm	V	K	°	W	lm	lm/W	
	E5686-LBC-16	E5686-LBC-25	E5686-LBC-36	18W	1830 1880 1800	220-240V (500mA)	3000	>80	21W	1672 1703 1634	80 81 78	[16°] [25°] [36°]
	E5687-LBC-16	E5687-LBC-25	E5687-LBC-36									
	E5688-LBC-16	E5688-LBC-25	E5688-LBC-36									
	E5686-LBN-16	E5686-LBN-25	E5686-LBN-36	18W	1940 1990 1910	220-240V (500mA)	4000	>80	21W	1772 1803 1734	84 86 83	[16°] [25°] [36°]
	E5687-LBN-16	E5687-LBN-25	E5687-LBN-36									
	E5688-LBN-16	E5688-LBN-25	E5688-LBN-36									

OP. A richiesta - On request: E....-600180 versione con vetro di sicurezza a filo anello - flush glass version

disponibile - available



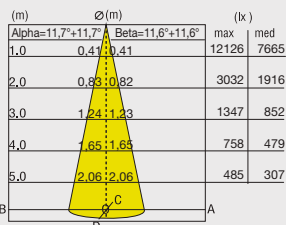
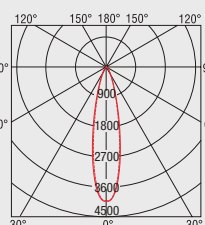
IP 65



outside

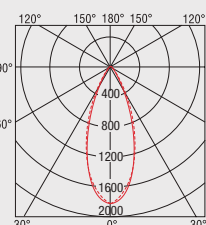
C180.....C00 | C270 — C90

32W
...-LBC-24
24°



C180.....C00 | C270 — C90

32W
...-LBC-40
40°



CEILING S 105



- Corpo in fusione di alluminio.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.
- Kit di sospensione con cavi in acciaio e cavo di alimentazione lunghezza 2 m. con rosone.

- Body made in die-cast aluminium.
- Powder coating with special treatment for outdoor use.
- Tempered protection glass.
- Stainless steel screws.
- Seals and cable gland in silicon rubber.
- Complete with power and suspension cables 2 m. long with base plate.

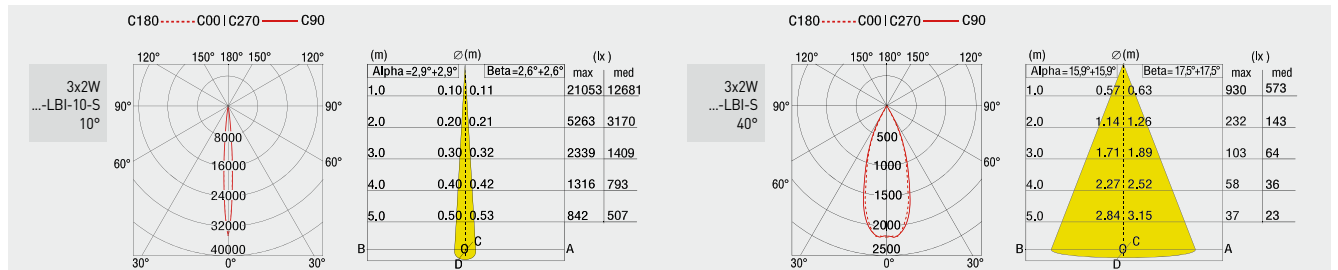


				10	25	40	(W)	(lm)	(V)	(K)	(CRI)
	Br	E5556-LBC10-S	E5556-LBC30-S	E5556-LBC-S							
	Ne	E5557-LBC10-S	E5557-LBC30-S	E5557-LBC-S	3x2W	375	220-240V (500mA)	3000	>80		
	Gr	E5558-LBC10-S	E5558-LBC30-S	E5558-LBC-S							
	Br	E5556-LBN10-S	E5556-LBN30-S	E5556-LBN-S							
	Ne	E5557-LBN10-S	E5557-LBN30-S	E5557-LBN-S	3x2W	380	220-240V (500mA)	4000	>80		
	Gr	E5558-LBN10-S	E5558-LBN30-S	E5558-LBN-S							
	Br	E5556-LBI10-S	E5556-LBI30-S	E5556-LBI-S							
	Ne	E5557-LBI10-S	E5557-LBI30-S	E5557-LBI-S	3x2W	420	220-240V (500mA)	6000	>80		
	Gr	E5558-LBI10-S	E5558-LBI30-S	E5558-LBI-S							
	Br	E5556-RGB10-S	E5556-RGB30-S	E5556-RGB45-S							
	Ne	E5557-RGB10-S	E5557-RGB30-S	E5557-RGB45-S	3x1W	-	350mA				
	Gr	E5558-RGB10-S	E5558-RGB30-S	E5558-RGB45-S							

				15	24	40	(W)	(lm)	(V)	(K)	(CRI)		
	Br	E5556C-LBC-15S					12,3W	1040	220-240V (350mA)	15°	3000	>90	
	Ne	E5557C-LBC-15S											
	Gr	E5558C-LBC-15S											
	Br	E5556C-LBN-15S					12,3W	1120	220-240V (350mA)	15°	4000	>90	
	Ne	E5557C-LBN-15S											
	Gr	E5558C-LBN-15S											
	Br		E5556C-LBC-24S	E5556C-LBC-40S			12,9W	1430	220-240V (350mA)	24°	3000	>80	
	Ne		E5557C-LBC-24S	E5557C-LBC-40S				1360		40°			
	Gr		E5558C-LBC-24S	E5558C-LBC-40S									
	Br		E5556C-LBN-24S	E5556C-LBC-40S			12,9W	1510	220-240V (350mA)	24°	4000	>80	
	Ne		E5557C-LBN-24S	E5557C-LBC-40S				1430		40°			
	Gr		E5558C-LBN-24S	E5558C-LBC-40S									

OP. E....-LBL = LED blu-blue

E....-600178 A richiesta - On request:
versione con vetro di sicurezza a filo anello - flush glass version





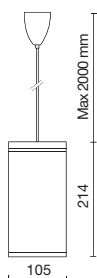
CEILING S 105 EMME

- Corpo in fusione di alluminio.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Viteria in acciaio inox.
- Vetro di protezione temperato.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.
- Modulo Led COB in dotazione con schermo opale e dissipatore in alluminio anodizzato.
- Kit di sospensione con cavi in acciaio e cavo di alimentazione lunghezza 2 m con rosone.

- Body made in die-cast aluminium.
- Powder coating with special treatment for outdoor use.
- Stainless steel screws.
- Tempered protection glass.
- Seals and cable gland in silicon rubber.
- Supplied COB led module with opal screen and anodized aluminium heatsink.
- Complete with power and suspension cables 2m long with baseplate.



	25	40	LED					SISTEMA-SYSTEM			
			W	lm	V	K	CRI	W	lm	lm/W	
Br E5556-MLBC25S	E5556-MLBC40S		6,2W	770	220-240V (350mA)	3000	>80	7,2W	625	87	(25°)
Ne E5557-MLBC25S	E5557-MLBC40S										(40°)
Gr E5558-MLBC25S	E5558-MLBC40S										
Br E5556-MLBN25S	E5556-MLBN40S		6,2W	860	220-240V (350mA)	4000	>80	7,2W	698	97	(25°)
Ne E5557-MLBN25S	E5557-MLBN40S										(40°)
Gr E5558-MLBN25S	E5558-MLBN40S										
Br E5556-MLBI25S	E5556-MLBI40S		6,2W	960	220-240V (350mA)	5600	>80	7,2W	780	108	(25°)
Ne E5557-MLBI25S	E5557-MLBI40S										(40°)
Gr E5558-MLBI25S	E5558-MLBI40S										



1,30 Kg

OP. E....-600178 A richiesta - On request : versione con vetro di sicurezza a filo anello - flush glass version



MODULO LED DI RICAMBIO - LED MODULE REPLACEMENT

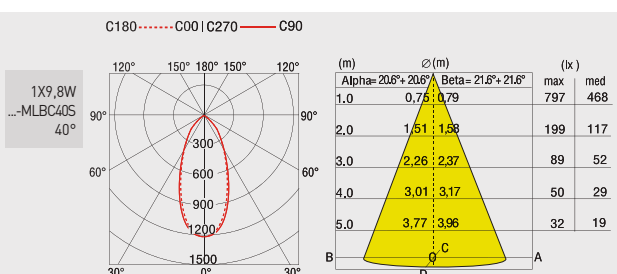
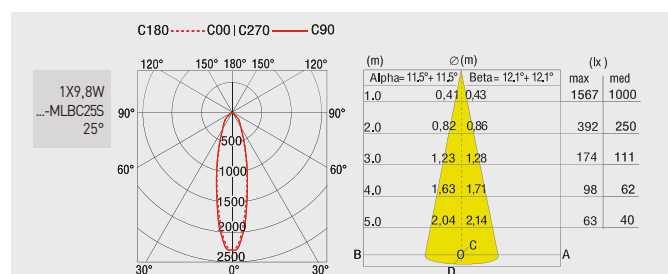
645646-BC	Modulo-Module Led COB	830lm	3000K	25°
645646-BN	Modulo-Module Led COB	900lm	4000K	25°
645646-BI	Modulo-Module Led COB	1100lm	5600K	25°
645647-BC	Modulo-Module Led COB	830lm	3000K	40°
645647-BN	Modulo-Module Led COB	900lm	4000K	40°
645647-BI	Modulo-Module Led COB	1100lm	5600K	40°



IP 65



outside



CEILING S 140

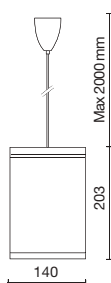


- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Guarnizioni e pressacavo di tenuta in gomma siliconica.

- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Control gear in the body.
- Silicon rubber gaskets and cable gland.



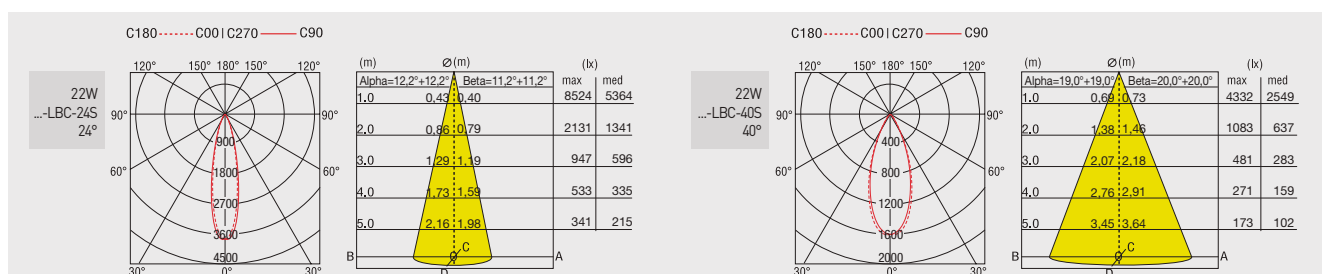
	Br	Ne	Gr	LED				SISTEMA-SYSTEM			
				W	lm	V	K	W	lm	IP	
	E5596-LBC-24S	E5596-LBC-40S	E5596-LBC-24S	26W	2760	220-240V	3000	30W	2498	83	[24°]
	E5597-LBC-24S	E5597-LBC-40S	E5597-LBC-24S	26W	2650	220-240V	[700mA]	30W	2427	81	[40°]
	E5598-LBC-24S	E5598-LBC-40S	E5598-LBC-24S	26W	2900	220-240V	4000	30W	2625	88	[24°]
	E5597-LBN-24S	E5597-LBN-40S	E5597-LBN-24S	26W	2650	220-240V	[700mA]	30W	2546	85	[40°]
	E5598-LBN-24S	E5598-LBN-40S	E5598-LBN-24S								



OP. E....-LBL = LED blu-blue
 E....-600179 A richiesta - On request: versione con vetro di sicurezza a filo anello - flush glass version



IP 65, T, F, H05RN-F, 24, 40, 5 ANNI, outside



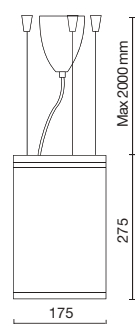


- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Vetro di protezione temperato.
- Viteria in acciaio inox.
- Gruppo di alimentazione inserito nell'apparecchio.
- Guarnizioni e pressacavo di tenuta in gomma silconica.

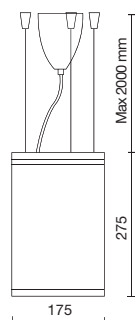
- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Tempered protection glass.
- Inox steel screws.
- Control gear in the body.
- Silicon rubber gaskets and cable gland.



	E5686-LBC-24S	E5686-LBC-40S	LED					SISTEMA-SYSTEM			
			W	lm	V	K	°	W	lm	lm/W	°
Br	E5686-LBC-24S	E5686-LBC-40S	37,6W	4580	220-240V (1050mA)	3000	>80	41,6W	4141	100	[24°]
Ne	E5687-LBC-24S	E5687-LBC-40S		4340					3920	94	[40°]
Gr	E5688-LBC-24S	E5688-LBC-40S									
Br	E5686-LBN-24S	E5686-LBN-40S	37,6W	4740	220-240V (1050mA)	4000	>80	41,6W	4350	105	[24°]
Ne	E5687-LBN-24S	E5687-LBN-40S		4560					4117	99	[40°]
Gr	E5688-LBN-24S	E5688-LBN-40S									

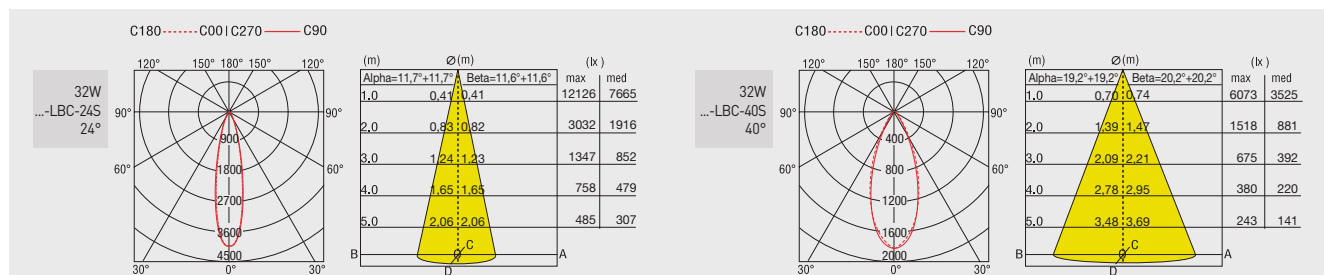


	E5686-LBC-16S	E5686-LBC-25S	E5686-LBC-36S	LED					SISTEMA-SYSTEM			
				W	lm	V	K	°	W	lm	lm/W	°
Br	E5686-LBC-16S	E5686-LBC-25S	E5686-LBC-36S	18W	1830	220-240V (500mA)	3000	>80	21W	1672	80	[16°]
Ne	E5687-LBC-16S	E5687-LBC-25S	E5687-LBC-36S	18W	1880					1703	81	[25°]
Gr	E5688-LBC-16S	E5688-LBC-25S	E5688-LBC-36S	1800	1800					1634	78	[36°]
Br	E5686-LBN-16S	E5686-LBN-25S	E5686-LBN-36S	18W	1940	220-240V (500mA)	4000	>80	21W	1772	84	[16°]
Ne	E5687-LBN-16S	E5687-LBN-25S	E5687-LBN-36S	18W	1990					1803	86	[25°]
Gr	E5688-LBN-16S	E5688-LBN-25S	E5688-LBN-36S	1910	1910					1734	83	[36°]

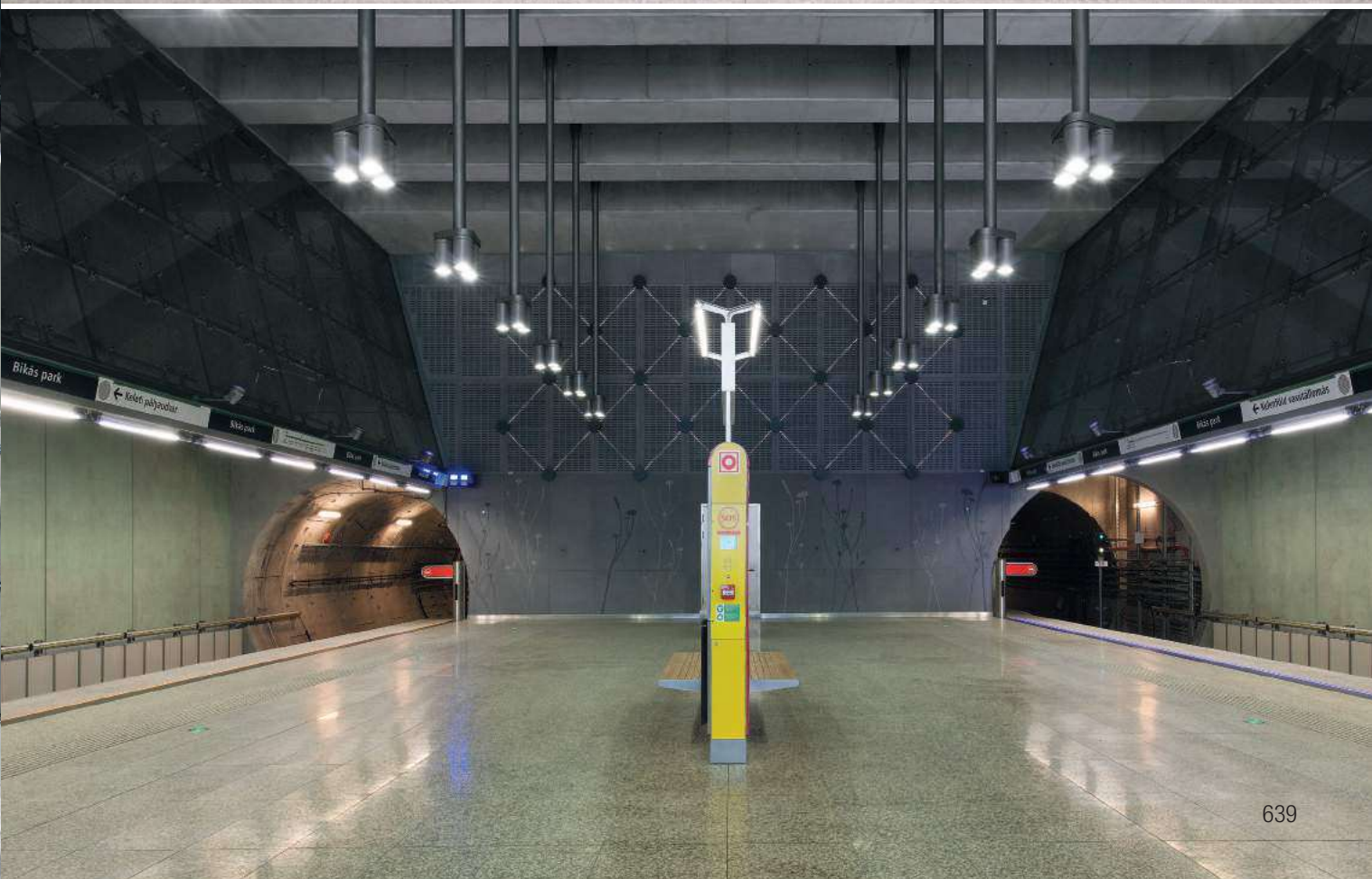


OP. E....-600180 A richiesta- On request: versione con vetro di sicurezza a filo anello - flush glass version disponibile - available

IP 65











PALI • POSTS



642
TESTA PALO
SINGOLO



643
TESTA PALO
DOPPIO



644
ATTACCHI PALO



647
PALO QUADRO

TESTA PALO SINGOLO - SINGLE POLE HEAD



- Testa-palo Ø 60 mm per apparecchio singolo.
- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Viteria in acciaio Inox.
- N.B.: da ordinare unitamente all'apparecchio.

Per pali Ø 60 mm - For pole Ø 60 mm

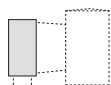
- Pole head Ø 60 mm for single fixture.
- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Inox steel screws.
- Note: to be ordered with the fitting.



TESTA PALO PER APPARECCHIO SINGOLO - POLE HEAD FOR SINGLE FIXTURE

Br E8755
Ne E8756
Gr E8757

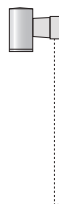
1,70 kg



Ø 60

Esempio ordinazione - Order exempling

1 Apparecchio 220 + 1 Testa palo Ø 60 mm =
1 Monolight 220 fixture + 1 Pole head Ø 60 mm =



Adatto per - Available for:



Monolight 175



Doublelight 175



Quadro Mono MCL



Quadro Double



TESTA PALO DOPPIO - DOUBLE POLE HEAD

Per pali Ø 60 mm - For pole Ø 60 mm

- Testa-palo Ø 60 mm per apparecchio doppio.
- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Viteria in acciaio Inox.
- N.B.: da ordinare unitamente all'apparecchio.

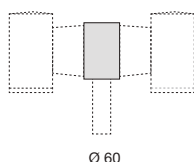
- Pole head Ø 60 mm for single or double fixture.
- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Inox steel screws.
- Note: to be ordered with the fitting.




TESTA PALO PER APPARECCHIO DOPPIO - POLE HEAD FOR DOUBLE FIXTURE

Br E8758
 Ne E8759
 Gr E8760

JKG
2,30



Esempio ordinazione - Order exempling

2 Apparecchi Doublelight 220 + 1 Testa palo Ø 60 mm = 
 2 Doublelight 220 fixtures + 1 Pole head Ø 60 mm

Adatto per - Available for:



Monolight 175



Doublelight 175



Quadro Mono MCL



Quadro Double

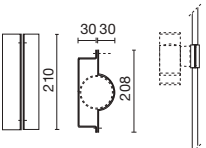
ATTACCO PALO SINGOLO - ADAPTUR SINGLE POLE



- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Viteria in acciaio Inox.
- N.B.: da ordinare unitamente all'apparecchio.

- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Inox steel screws.
- Note: to be ordered with the fixture.

Ø 60 mm - Ø 120 mm




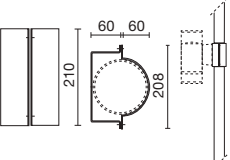


ATTACCO PER PALO Ø 60 mm - POLE BRACKET Ø 60 mm


Bi	E5191
Ne	E5192
Gr	E5193

 **2,49**



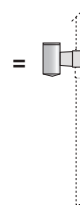
ATTACCO PER PALO Ø 120 mm - POLE BRACKET Ø 120 mm

Bi	E5195
Ne	E5196
Gr	E5197

 **2,78**

Esempio ordinazione - Order exempling

1 Apparecchio + 1 Attacco per palo Ø 60 o Ø 120 mm
 1 Fixture + 1 Pole bracket Ø 60 or Ø 120 mm



Adatto per - Available for:



Monolight 175



Doublelight 175



Quadro Mono MCL



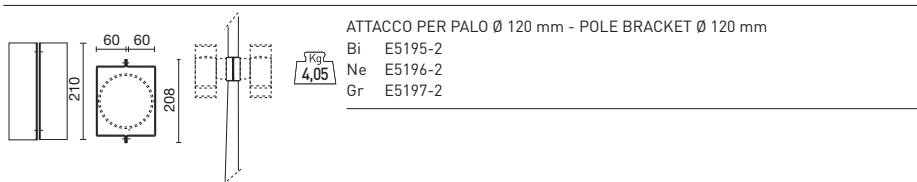
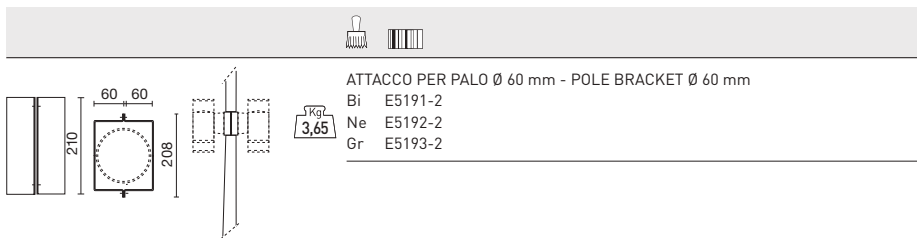
Quadro Double

ATTACCO PALO DOPPIO - ADAPTUR DOUBLE POLE

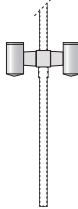
- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Viteria in acciaio Inox.
- N.B.: da ordinare unitamente all'apparecchio.

- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Inox steel screws.
- Note: to be ordered with the fixture.

Ø 60 mm - Ø 120 mm



Esempio ordinazione - Order exempling

2 Apparecchi + 1 Attacco per palo Ø 60 o Ø 120 mm = 
 1 Fixtures + 1 Pole bracket Ø 60 or Ø 120 mm

Adatto per - Available for:



Monolight 175

Doublelight 175

Quadro Mono MCL

Quadro Double





PALO QUADRO - SQUARE POLE

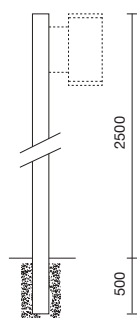
- Palo per apparecchio singolo.
- Corpo e staffa di ancoraggio in alluminio pressofuso.
- Verniciatura in polveri con pretrattamento speciale per esterni.
- Viteria in acciaio inox.
- N.B.: da ordinare unitamente all'apparecchio.

Palo \varnothing 100 mm - Pole \varnothing 100 mm

- Pole head for single fixture.
- Body and hanging bracket in die-cast aluminium.
- Powder coated with pre-treatment for outdoor use.
- Inox steel screws.
- Note: to be ordered with the fixture.



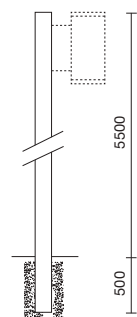
Fig. 27 PALO H 3 m - POLE H 3 m
Ne E4056-3



Esempio ordinazione - Order exempling

1 Apparecchio Quadro Mono + E4056-3 = 
1 Quadro Mono fixture

Fig. 54 PALO H 6 m - POLE H 6 m
Ne E4056-6



Esempio ordinazione - Order exempling

1 Apparecchio Quadro Mono + E4056-6 = 
1 Quadro Mono fixture

 100 mm

OP. A richiesta colorazioni bianco - grigio - On request colour white - grey



N.B. da ordinare unitamente all'apparecchio: specificare il n. apparecchi.
Il palo è predisposto solo per n. 1 apparecchio. A richiesta per max. 2 pz. (solo per lati opposti)

Note: to be ordered with the fixture: specify the n. of fittings.
The pole is studied only for n. 1 fitting. On request for max 2 pcs. (only for opposite side)

Adatto per - Available for:



Quadro Mono



Dune

Adatto per tutte le versioni Quadro Mono tranne Quadro Mono MCL
Suitable for all version Quadro Mono not for Quadro Mono MCL





BORDER



651
LITTLE ROK



653
ROK



655
STICK XS-XL



658
POLE



661
ROD



663
LIFT



665
FRISBEE



667
FRISBEE
MAXI



669
Q7



671
Q8



673
PARK



675
ELLE XS-XL

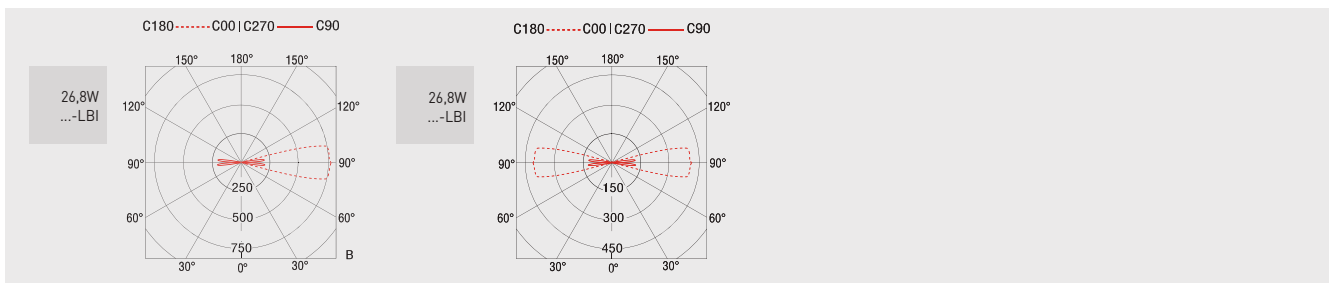
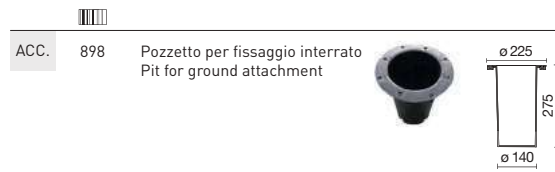




- Corpo: costituito da elementi in alluminio verniciati in polvere con pretrattamento speciale per esterni.
- Settori di copertura del vetro per mono emissione.
- Guarnizioni: gomma siliconica.
- Montaggio tramite viti su materiali concreti. Pozzetto con piastra di raccordo per montaggio sulle superfici friabili.
- Doppio pressacavo in ottone nichelato PG13,5.

- Housing: consists of elements made of aluminium, painted with special pre-treatment for outdoor use.
- Covering glass sectors for mono emission.
- Gasket: silicone rubber.
- Installation by means of screws on concrete material. External housing with connection plate for installation on fragile surfaces.
- PG13,5 double nichel brass cable gland.

	Icona	LED					SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	IP	
		MONODIREZIONALE UNIDIRECTIONAL								
		Ne E8468-LBC	26,8W	2400	220-240V (600mA)	3000	>80	30,8W	361	12
		Gr E8469-LBC								
		Ne E8468-LBN	26,8W	2500	220-240V (600mA)	4000	>80	30,8W	379	12
		Gr E8469-LBN								
		Ne E8468-LBI	26,8W	2540	220-240V (600mA)	5000	>80	30,8W	384	13
Gr E8469-LBI										
		OMNIDIREZIONALE OMNIDIRECTIONAL								
		Ne E8470-LBC	26,8W	2400	220-240V (600mA)	3000	>80	30,8W	723	23
		Gr E8471-LBC								
		Ne E8470-LBN	26,8W	2500	220-240V (600mA)	4000	>80	30,8W	752	24
		Gr E8471-LBN								
		Ne E8470-LBI	26,8W	2540	220-240V (600mA)	5000	>80	30,8W	763	25
Gr E8471-LBI										



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color





- Corpo: costituito da quattro elementi in alluminio verniciati in polvere con pretrattamento speciale per esterni.
- Settori di copertura del vetro per emissioni bi ed omnidirezionali.
- Guarnizioni: gomma siliconica.
- Montaggio: tramite piastra inox di fissaggio a quattro viti su materiali concreti. Pozzetto con piastra di raccordo per montaggio sulle superfici friabili.
- Doppio pressacavo in ottone nichelato PG13,5.

- Housing: consists of four elements made of aluminium, painted with special pre-treatment for outdoor use.
- Covering glass sectors for bi and omnidirectional emissions.
- Gasket: silicone rubber
- Installation: by means of a fixing inox plate with 4 screws on concrete material. External housing with connection plate for installation on fragile surfaces.
- PG13,5 double nichel brass cable gland.

		LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	MONODIREZIONALE UNIDIRECTIONAL Ne E8404-LBC Gr E8405-LBC	26,8W	2400	220-240V (600mA)	3000	>80	30,8W	340	11
	 Ne E8404-LBN Gr E8405-LBN	26,8W	2500	220-240V (600mA)	4000	>80	30,8W	354	11
	 Ne E8404-LBI Gr E8405-LBI	26,8W	2540	220-240V (600mA)	5000	>80	30,8W	359	12
	BIDIREZIONALE BIDIRECTIONAL Ne E8406-LBC Gr E8407-LBC	26,8W	2400	220-240V (600mA)	3000	>80	30,8W	636	21
	 Ne E8406-LBN Gr E8407-LBN	26,8W	2500	220-240V (600mA)	4000	>80	30,8W	662	22
	 Ne E8406-LBI Gr E8407-LBI	26,8W	2540	220-240V (600mA)	5000	>80	30,8W	672	22
	OMNIDIREZIONALE OMNIDIRECTIONAL Ne E8408-LBC Gr E8409-LBC	26,8W	2400	220-240V (600mA)	3000	>80	30,8W	636	21
	 Ne E8408-LBN Gr E8409-LBN	26,8W	2500	220-240V (600mA)	4000	>80	30,8W	662	22
	 Ne E8408-LBI Gr E8409-LBI	26,8W	2540	220-240V (600mA)	5000	>80	30,8W	672	22



ACC. 645230 Connettore IP68 ø da 7 a 10mm - IP68 connector ø from 7 to 10mm

PER FISSAGGIO INTERRATO - FOR BURIED INSTALLATION
 898 Pozzetto per fissaggio interrato - Pit for ground attachment
 880 Pozzetto + Piastra per torretta - Housing + Plate for turret

PER FISSAGGIO A PAVIMENTO - FOR FLOOR INSTALLATION
 Ne 888 Torretta - Turret
 Gr 889

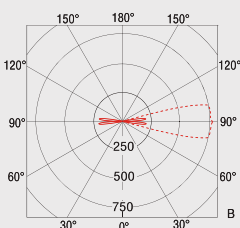


IP 67
IK 06

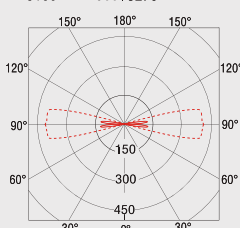


outside

C180.....C00|C270 — C90



C180.....C00|C270 — C90







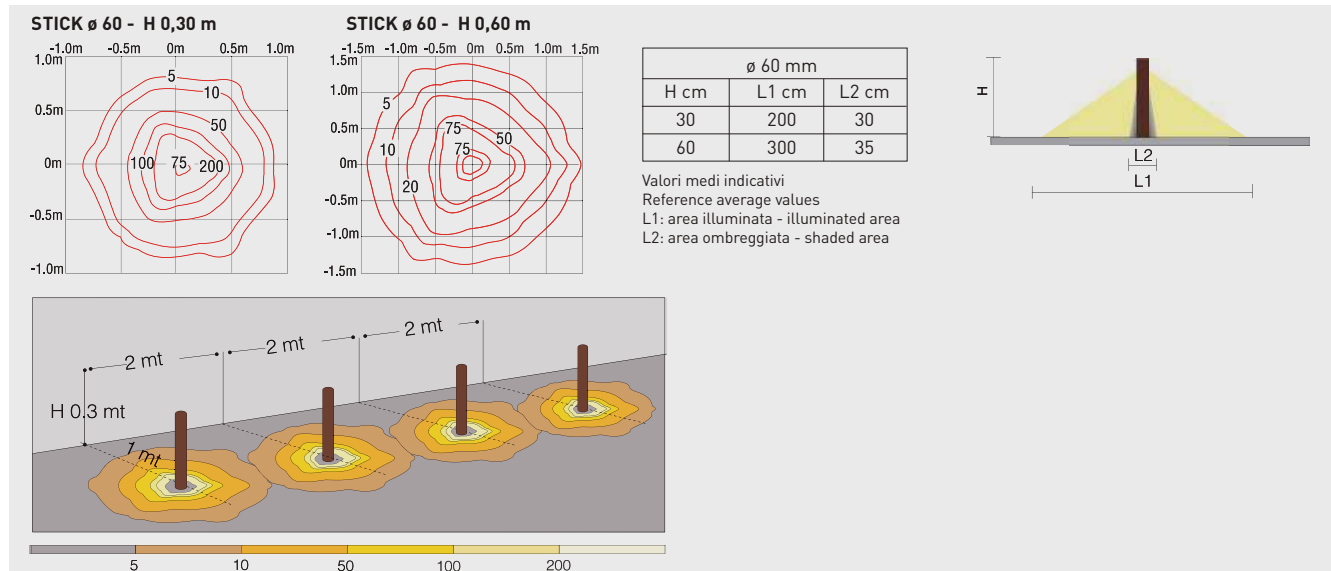
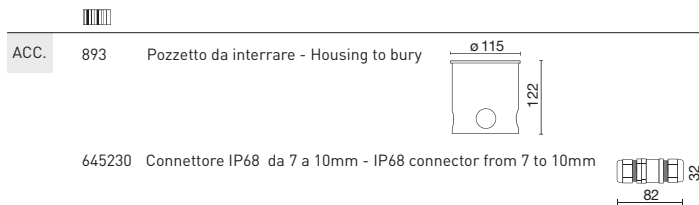
- Corpo interamente in alluminio verniciato.
- Viti in acciaio Inox.
- Anello fissaggio base in acciaio Inox (AISI 316).
- Verniciatura in polveri poliesteri previo trattamento speciale per esterni.
- Guarnizioni in gomma siliconica.
- Pressacavo PG7.

- Painted aluminium body.
- Inox steel screws.
- Inox (AISI 316) base plate.
- Powder coated with pretreatment for outdoor use.
- Silicone rubber gaskets.
- PG7 cable gland.

	H=300mm	H=600mm	W	lm	V	K	CRI
	Br E5660-LBC	E5664-LBC					
	Ne E5661-LBC	E5665-LBC	3x2W	145	220-240V (500mA)	3000	>80
	Gr E5662-LBC	E5666-LBC					
	Bw E5663-LBC	E5667-LBC					
	Br E5660-LBN	E5664-LBN					
	Ne E5661-LBN	E5665-LBN	3x2W	155	220-240V (500mA)	4000	>80
	Gr E5662-LBN	E5666-LBN					
	Bw E5663-LBN	E5667-LBN					
	Br E5660-LBI	E5664-LBI					
	Ne E5661-LBI	E5665-LBI	3x2W	165	220-240V (500mA)	6000	>80
	Gr E5662-LBI	E5666-LBI					
	Bw E5663-LBI	E5667-LBI					



H=300mm 1,30
H=600mm 1,50







- Corpo interamente in alluminio verniciato.
- Viti in acciaio Inox.
- Anello fissaggio base in acciaio Inox (AISI 316).
- Verniciatura in polveri poliesteri previo trattamento speciale per esterni.
- Guarnizioni in gomma siliconica.
- Pressacavo PG7.

- Painted aluminium body.
- Inox steel screws.
- Inox (AISI 316) base plate.
- Powder coated with pretreatment for outdoor use.
- Silicone rubber gaskets.
- PG7 cable gland.

	H=600mm	H=900mm	W	Im	V	K	CRI
	Br E5668-LBC	E5672-LBC	6x2W	145	220-240V (500mA)	3000	>80
	Ne E5669-LBC	E5673-LBC					
	Gr E5670-LBC	E5674-LBC					
	Bw E5671-LBC	E5675-LBC					
	Br E5668-LBN	E5672-LBN	6x2W	155	220-240V (500mA)	4000	>80
	Ne E5669-LBN	E5673-LBN					
	Gr E5670-LBN	E5674-LBN					
	Bw E5671-LBN	E5675-LBN					
	Br E5668-LBI	E5672-LBI	6x2W	165	220-240V (500mA)	6000	>80
	Ne E5669-LBI	E5673-LBI					
	Gr E5670-LBI	E5674-LBI					
	Bw E5671-LBI	E5675-LBI					



H=600mm $\sqrt[3]{\frac{V}{L}}$ 1,80

H=900mm $\sqrt[3]{\frac{V}{L}}$ 2,40



645230 Connettore IP68 da 7 a 10mm - IP68 connector from 7 to 10mm

STICK ø 90 - H 0,60 m

STICK ø 90 - H 0,90 m

	ø 60 mm		
H cm	L1 cm	L2 cm	
60	400	40	
90	500	45	

Valori medi indicativi
 Reference average values
 L1: area illuminata - illuminated area
 L2: area ombreggiata - shaded area



- Corpo in alluminio e verniciatura in polveri con pretrattamento speciale per esterni.
 - Schermo in policarbonato trasparente stabilizzato ai raggi UV. Viteria in acciaio inox.
 - Cavo di alimentazione lunghezza 0,3 m.
 - Led durata utile: 50.000 (h) L80 B20.
- Main body made in die-cast aluminium and powder coating with pre-treatment for outdoor applications.
 - Transparent polycarbonate diffuser UV stabilized. Inox screw.
 - Power cable 0,3 m. long.
 - Led life: 50.000 (h) L80 B20.

	MONODIREZIONALE UNIDIRECTIONAL	LED				SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W
 400 175 	Br E5715-LBC	17,5W	2000	220-240V (500mA)	3000	>80	20,5W	460	22
	Ne E5716-LBC								
	Gr E5717-LBC								
	Br E5715-LBN	17,5W	2140	220-240V (500mA)	4000	>80	20,5W	490	24
	Ne E5716-LBN								
	Gr E5717-LBN								

	MONODIREZIONALE UNIDIRECTIONAL	LED				SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W
 700 175 	Br E5710-LBC	17,5W	2000	220-240V (500mA)	3000	>80	20,5W	460	22
	Ne E5711-LBC								
	Gr E5712-LBC								
	Br E5710-LBN	17,5W	2140	220-240V (500mA)	4000	>80	20,5W	490	24
	Ne E5711-LBN								
	Gr E5712-LBN								

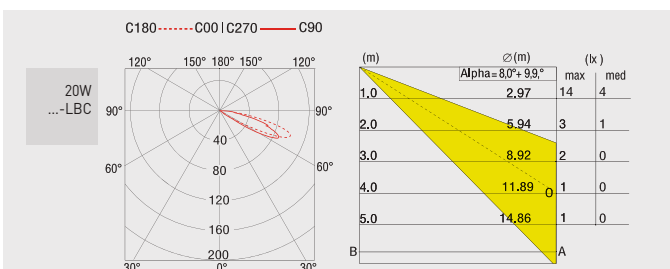
	MONODIREZIONALE UNIDIRECTIONAL	LED				SISTEMA-SYSTEM			
		W	lm	V	K	CRI	W	lm	lm/W
 1000 175 	Br E5725-LBC	17,5W	2000	220-240V (500mA)	3000	>80	20,5W	460	22
	Ne E5726-LBC								
	Gr E5727-LBC								
	Br E5725-LBN	17,5W	2140	220-240V (500mA)	4000	>80	20,5W	490	24
	Ne E5726-LBN								
	Gr E5727-LBN								

OP.-OP Pellicola bianco opale per schermo - Film white opal for diffuser
 A richiesta: versione speciale con piastra tirafondi in acciaio zincato verniciato
 On request: painted galvanized steel fixing plate with anchor belts

ACC. 899 Pozzetto da interrare in PE - AD
 PE - AD housing for burried installation



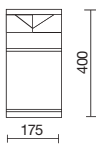
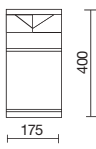
outside

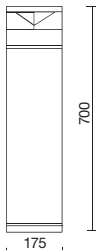
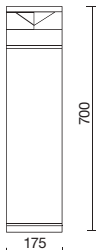


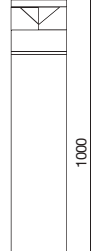
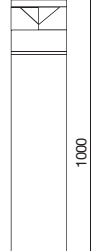


- Corpo in alluminio e verniciatura in polveri con pretrattamento speciale per esterni.
- Schermo in policarbonato trasparente stabilizzato ai raggi UV.
- Viteria in acciaio inox.
- Cavo di alimentazione lunghezza 0,3 m.
- Led durata utile: 50.000 (h) L80 B20.

- Main body made in die-cast aluminium and powder coating with pre-treatment for outdoor applications.
- Transparent polycarbonate diffuser UV stabilized.
- Inox screw.
- Power cable 0,3 m. long.
- Led life: 50.000 (h) L80 B20.

	LED	SISTEMA-SYSTEM		
		W	lm	lm/W
 OMNIDIREZIONALE OMNIDIRECTIONAL Br E5705-LBC Ne E5706-LBC Gr E5707-LBC	W: 17,5W lm: 2000 V: 220-240V (500mA) K: 3000 CRI: >80	W: 20,5W lm: 880 lm/W: 43		
 Br E5705-LBN Ne E5706-LBN Gr E5707-LBN	W: 17,5W lm: 2140 V: 220-240V (500mA) K: 4000 CRI: >80	W: 20,5W lm: 945 lm/W: 46		








	LED	SISTEMA-SYSTEM		
		W	lm	lm/W
 OMNIDIREZIONALE OMNIDIRECTIONAL Br E5700-LBC Ne E5701-LBC Gr E5702-LBC	W: 17,5W lm: 2000 V: 220-240V (500mA) K: 3000 CRI: >80	W: 20,5W lm: 880 lm/W: 43		
 Br E5700-LBN Ne E5701-LBN Gr E5702-LBN	W: 17,5W lm: 2140 V: 220-240V (500mA) K: 4000 CRI: >80	W: 20,5W lm: 945 lm/W: 46		

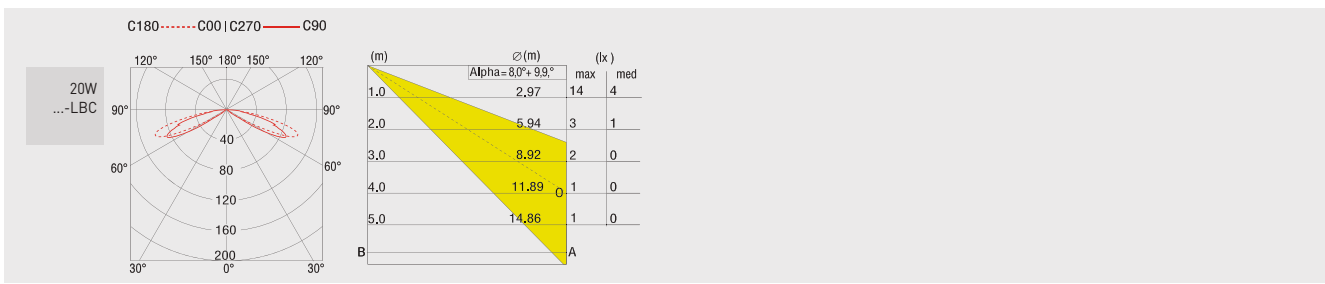
	LED	SISTEMA-SYSTEM		
		W	lm	lm/W
 OMNIDIREZIONALE OMNIDIRECTIONAL Br E5720-LBC Ne E5721-LBC Gr E5722-LBC	W: 17,5W lm: 2000 V: 220-240V (500mA) K: 3000 CRI: >80	W: 20,5W lm: 880 lm/W: 43		
 Br E5720-LBN Ne E5721-LBN Gr E5722-LBN	W: 17,5W lm: 2140 V: 220-240V (500mA) K: 4000 CRI: >80	W: 20,5W lm: 945 lm/W: 46		

OP. ...-OP Pellicola bianco opale per schermo - Film white opal for diffuser
 A richiesta: versione speciale con piastra tirafondi in acciaio zincato verniciato
 On request: painted galvanized steel fixing plate with anchor belts

ACC. 899 Pozzetto da interrare in PE - AD
 PE - AD housing for burried installation





ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color

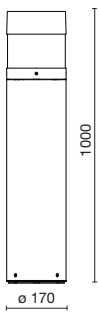




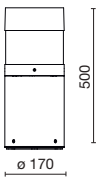
- Corpo e vano ottico in alluminio verniciato in polveri con pretrattamento speciale per esterni.
- Schermo in policarbonato trasparente.
- Viteria in acciaio inox.
- Cavo di alimentazione lunghezza 1 m.
- Ottica omnidirezionale.

- Main body made in die-cast aluminium and powder coating with pre-treatment for outdoor applications.
- Transparent polycarbonate diffuser UV stabilized.
- Inox screw.
- Power cable 1 m. long.
- Omnidirectional optic.

LED	SISTEMA-SYSTEM		
	W	lm	lm/W
 17W 1100 220-240V (480mA) 4000 >80	20W	715	36



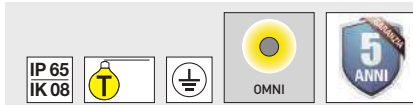
 17W 1100 220-240V (480mA) 4000 >80	20W	715	36
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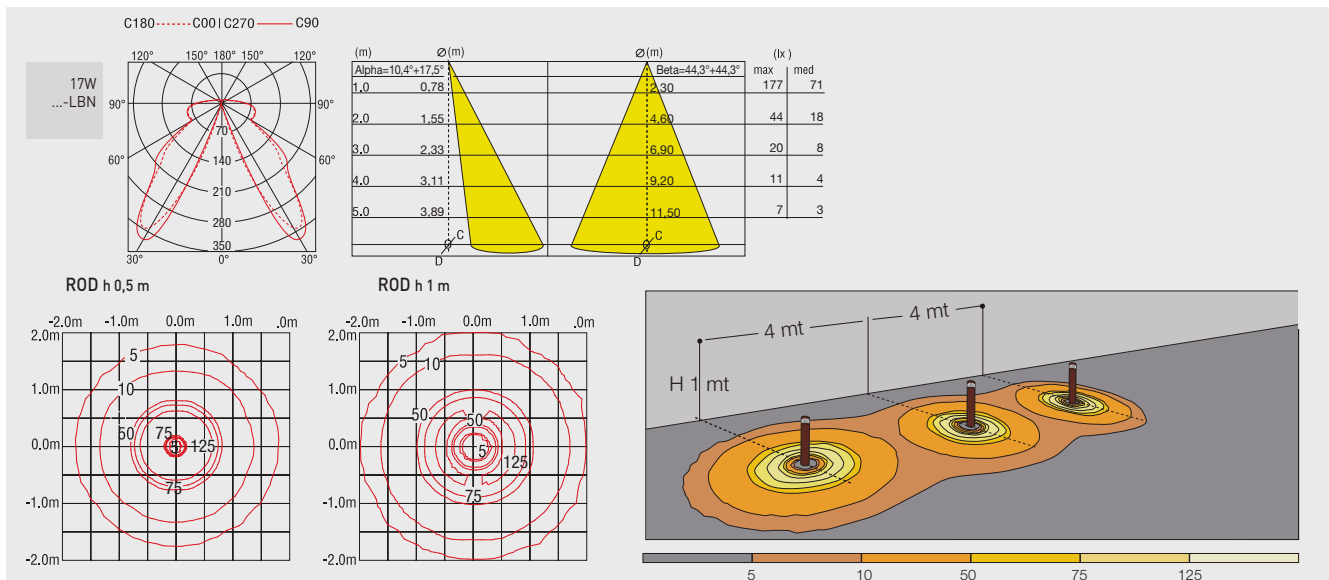
ACC.	899	Pozzetto da interrare in PE - AD PE - AD housing for burried installation
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645230 Connettore IP68 Ø da 7 a 10mm
IP68 connector Ø from 7 to 10mm



outside







- Apparecchio da incasso con estrazione motorizzata gestita elettronicamente.
- Pozzetto di alloggiamento da interrare in PVC con controanello in acciaio INOX predisposto per l'alloggiamento del corpo lampada a filo terreno.
- Corpo lampada composto da contenitore in PVC con anello di finitura in acciaio Inox (AISI 316) e vano ottico cilindrico estraibile in policarbonato stabilizzato ai raggi UV.
- Gruppo motore, alimentazione, corpo lampada e rifrattori lamellari inseriti nel vano ottico a tenuta stagna.
- Fornito pre-cablato con pressacavo PG13,5 in ottone nichelato e cavo in uscita tipo H07RN-F3x1,5 2 mm di lunghezza 3 m.

- Recessed fitting with electronic controlled motorized extraction.
- PVC housing with INOX steel ring suitable for the installation of the fitting at the ground level.
- Fitting's body made of PVC housing with INOX AISI 316 steel ring and extractable cylindrical optic opening of UV rays stabilized polycarbonate.
- Mechanical components, power, lamp body and lamellar refractors in the proof optical space.
- Supplied cabled with cable gland PG13,5 in nickel brass and cable H07RN-F 3x1,5 mm2 3 m long.



BLACK OUT
L'apparecchio ricorda il movimento di fuoriuscita o di rientro dopo il black out.

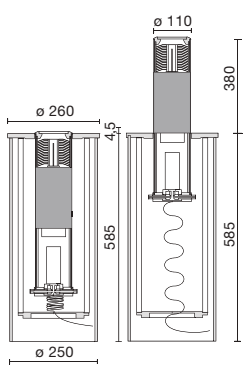
The movement of the fitting resembles the one of the outlet or the re-entry after a black out.



LIGHT ON
L'apparecchio non permette l'accensione della sorgente se il vano ottico non è fuori terra.

The fitting doesn't allow the lighting up of the source if the optic part is not out of the ground.

LED	SISTEMA-SYSTEM									
	W	lm	V	K	CRI	W	lm	lm/W		
E5503-LBI E5503-LBL	9x1,2W	900	230V 350mA	6000 470nm	>80	•	•	10W ---	243 ---	24 ---



OP. 644898
Trasmettitore di segnale EASY da abbinare a:
- TELECOMANDO 2 CANALI 644901 + RICEVITORE 644900
(per comandare massimo due gruppi fino a 10 apparecchi ciascuno)
- RICEVITORE 644900
(per comandare massimo 4 gruppi fino a 10 apparecchi ciascuno)
Signal Transmitter to be used with:
- 2 CHANNELS remote control 644901 + RECEIVER 644900
(to control 2 groups with 10 fittings each maximum)
- 644900 RECEIVER
(to control 4 groups with 10 fittings each maximum)

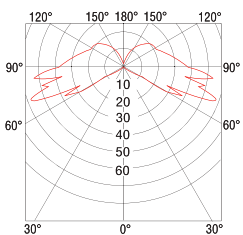
644899
Pulsantiera da interni da abbinare a:
- TELECOMANDO 2 CANALI 644901 + RICEVITORE 644900
(per comandare massimo due gruppi fino a 10 apparecchi ciascuno)
- RICEVITORE 644900
(per comandare massimo quattro gruppi fino a 10 apparecchi ciascuno)
Signal Transmitter to be used with:
- 2 CHANNELS remote control 644901 + RECEIVER 644900
(to control 2 groups with 10 fittings each maximum)
- 644900 RECEIVER (to control 4 groups with ten fittings each maximum)

644897
TELECOMANDO 24 CANALI
da utilizzare con il ricevitore di segnale 644900 per il controllo remoto della salita/discesa del vano ottico (massimo 24 gruppi fino a 10 apparecchi ciascuno). Distanza massima di funzionamento telecomando/ricevitore 100 m.
24 CHANNELS REMOTE CONTROL
to be used with signal receiver 644900 to control the movement of fitting (24 groups with 10 fittings each maximum). Max distance between fitting and receiver is 100 m.

644901
TELECOMANDO 2 CANALI
da utilizzare con il ricevitore di segnale 644900 per il controllo remoto della salita/discesa del vano ottico (massimo 2 gruppi fino a 10 apparecchi ciascuno). Distanza massima di funzionamento telecomando/ricevitore 100 m.
2 CHANNELS REMOTE CONTROL
to be used with signal receiver 644900 to control the movement of fitting. (2 groups with 10 fittings each maximum). Max distance remote control/receiver 100 m.

644900
Ricevitore di segnale da abbinare a:
- TELECOMANDO 2 o 24 canali
- TELECOMANDO 2 canali + TRASMETTITORE EASY
- TELECOMANDO 2 canali + PULSANTIERA a 4 canali
- TRASMETTITORE EASY - PULSANTIERA a 4 canali
Signal receiver to be used with:
- REMOTE CONTROL 2 or 24 channels
- REMOTE CONTROL 2 or 24 channel + EASY TRANSMITTER CARD
- REMOTE CONTROL 2 or 24 channel + 4 channels CONTROL PANEL
- EASY TRANSMITTER CARD - 4 CHANNELS CONTROL PANEL

NB: Il ricevitore deve essere contenuto in un BOX IP67
Distanza massima di funzionamento telecomando/ricevitore 100 m.
Note: The receiver must be installed into a IP67 BOX
Max distance remote control/receiver 100 m.



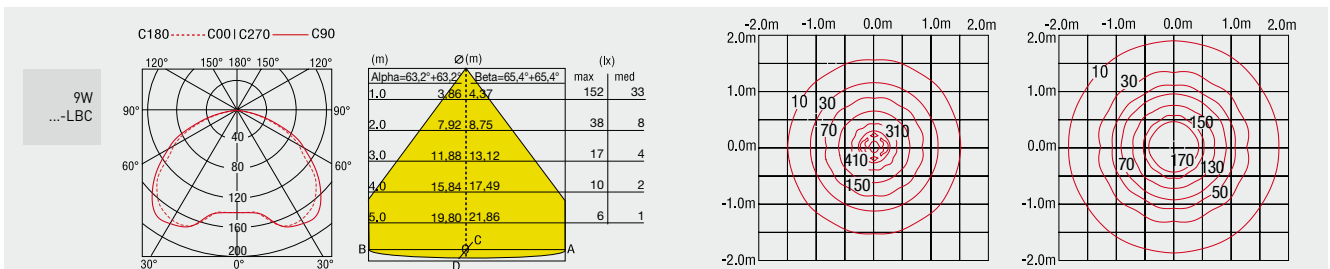
Carico statico 500 kg
Static load 500 kg

Velocità max carrabilità 15 Km-h
Driver over max speed 15 Km-h





IP 65 IK 10
T
□
☀
OMNI
5 ANNI
outside





- Corpo e vano ottico in alluminio verniciato in polveri con pretrattamento speciale per esterni.
- Palo da pavimento in acciaio zincato e verniciato con polveri poliesteri.
- Schermo in policarbonato trasparente. Viteria in acciaio inox.
- Cavo di alimentazione tipo H - lunghezza 2 m.
- Ottica omnidirezionale.

- Body made in die-cast aluminium with pre-treatment powder coating for outdoor installations.
- Pole with fixing plate made in galvanized steel and powder coating.
- Transparent polycarbonate diffuser UV stabilized. Inox screws.
- Power cable H type - 2 m. length.
- Omnidirectional emission.



	LED					SISTEMA-SYSTEM		
	W	lm	V	K	CRI	W	lm	lm/W
A VANO OTTICO - OPTICAL COMPARTMENT								
Br E5676-LBC	14W	1400	220-240V (500mA)	3000	>80	16W	850	53
Ne E5677-LBC								
Gr E5678-LBC								
Bw E5679-LBC								
Br E5676-LBN	14W	1400	220-240V (500mA)	4000	>80	16W	850	53
Ne E5677-LBN								
Gr E5678-LBN								
Bw E5679-LBN								

B	PALO DA PAVIMENTO H 600 mm - POLE WITH FIXING PLATE H 600 mm	
Br E5652		
Ne E5653		
Gr E5654		
Bw E5655		

C	PALO DA PAVIMENTO H 900 mm - POLE WITH FIXING PLATE H 900 mm	
Br E5656		
Ne E5657		
Gr E5658		
Bw E5659		

D	COPRIBASE INOX - STAINLESS STEEL BASE COVER	
Inox 874		
ACC. 894	Pozzetto per fissaggio interrato - Anchrage unit for ground fixing	
645230	Connettore IP68 ø da 7 a 10mm	
	IP68 connector ø from 7 to 10mm	
Ne 406407		
Gr 406419	Adattatore per palo ø 76/60 - Adaptor for pole ø 76/60	
Bw 406408		

ESEMPIO ORDINE - ORDER EXAMPLE



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color

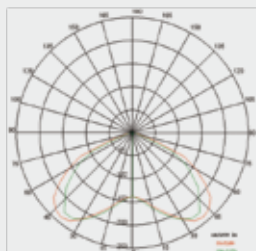


IP 65
IK 08



outside

88W
...-LBC




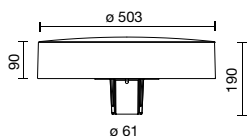


- Corpo e vano ottico in alluminio verniciato in polveri con pretrattamento speciale per esterni.
- Schermo diffusore in policarbonato opale.
- Cavo di alimentazione H07RN-F 2x1,5mmq. - (DALI CAVO 5X1mmq.)
- Pressacavo in poliammide PG 13,5.
- Led durata utile: 50.000 (h) L80 B20.


- Body made in die-cast aluminium with pre-treatment powder coating for outdoor installations.
- Polycarbonate opal screen diffuser.
- Supply cable H07RN-F 2x1,5mmq. - (DALI CAVO 5X1mmq.)
- Cable gland in polyamide PG 13,5.
- Led life: 50.000 (h) L80 B20.



	LED	SISTEMA-SYSTEM						
		W	lm	lm/W				
								
Ne E5690-LBC	88W	11700	220-240V (400mA)	3000	>80	91W	8775	96
GrA E5691-LBC								
Gr E5692-LBC								
Bw E5693-LBC								
Ne E5690-LBN	88W	12060	220-240V (400mA)	4000	>80	91W	9045	99
GrA E5691-LBN								
Gr E5692-LBN								
Bw E5693-LBN								
Ne E5690-LBC-DA	88W	11700	220-240V (400mA)	3000	>80	91W	8775	96
GrA E5691-LBC-DA								
Gr E5692-LBC-DA								
Bw E5693-LBC-DA								
Ne E5690-LBN-DA	88W	12060	220-240V (400mA)	4000	>80	91W	9045	99
GrA E5691-LBN-DA								
Gr E5692-LBN-DA								
Bw E5693-LBN-DA								



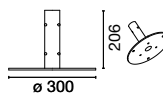
KZL 6,50

OP. A richiesta - On request: 

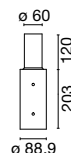


ACC. Ne 406207
Gr 406219 Palo da pavimento acciaio zincato verniciato - Ø 60 mm, spessore 2 mm. - H 3 m.
GrA 406259 Painted galvanized steel floor pole - Ø 60 mm, thickness 2 mm. - H 3 m.
Bw 406208

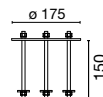
Ne 406307
Gr 406319 Base palo da pavimento ø 60 mm.
GrA 406359 Base for floor pole ø 60 mm.
Bw 406308



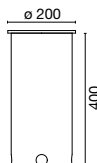
Ne 406407
Gr 406419 Riduzione attacco palo acciaio zincato verniciato ø 76/60 mm.
GrA 406459 Adaptor for pole ø 76/60 mm.
Bw 406408



4071 Piastra tirafondi acciaio zincato verniciato
Painted galvanized steel fixing plate with anchor belts



895 Pozzetto per fissaggio interrato
Housing for ground fixing







- Proiettore in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni.
 - Anello fissaggio vetro e tegolino in acciaio Inox.
 - Vetro in cristallo extra-chiaro con guarnizioni in silicone.
 - Pressacavo PG11 in ottone cromato.
 - Connettore IP68 (a richiesta nc. 645230).
- Projector in cast aluminum, powder coated with pre-treatment for outdoor use.
 - Fixing ring glass and stainless steel spot.
 - Crystal glass extra clear with silicone gaskets.
 - Cable gland PG11 plated brass.
 - Connector IP68 (on request nc. 645230).



		Inox D2100	3 LED 7,5W	380	220-240V (700mA)	3000	>80	
		Inox D2100-C	14,3W	1040	220-240V (350mA)	3000		>80





- Proiettore in pressofusione di alluminio, verniciato in polveri con pretrattamento speciale per esterni. In alternativa cromato.
- Base in acciaio Inox (AISI 316L).
- Guarnizione in silicone.
- Gruppo di alimentazione incorporato.

- Cast aluminium projector, powder coated with pre-treatment for outdoor use. Alternatively chrome.
- Base in stainless steel (AISI 316L).
- Silicon gasket.
- Built-in power supply unit.



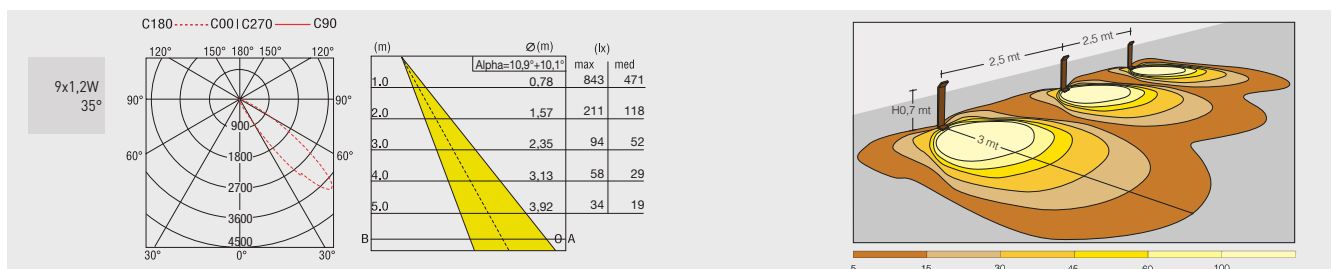
			L (mm)	W	lm	V	K	CRI
		Bw D2040	400 mm	9x1,2W	590	220-240V (350mA)	3000	>80
		Bw D2041	700 mm	9x1,2W	590	220-240V (350mA)	3000	>80

			L (mm)	W	lm	V	K	CRI
		Bw D2040-P	400 mm	9x1,2W	590	220-240V (350mA)	3000	>80
		Bw D2041-P	700 mm	9x1,2W	590	220-240V (350mA)	3000	>80

IP 55

35

sidesign COLLECTION



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color





- Struttura in alluminio.
- Viteria in acciaio inox.
- Verniciatura in polveri poliestere con pretrattamento speciale per esterni.
- Guarnizioni in silicone.
- Piastra di ancoraggio per fissaggio a terra in acciaio Inox (AISI 316).
- Schermo di protezione in metacrilato trasparente per versioni con riflettore asimmetrico.
- Schermo diffusore in policarbonato rigato per versioni a luce diffusa.
- Cavo di alimentazione lunghezza 0,3 m.

- Aluminium structure.
- Inox steel screws.
- Powder coated with pretreatment for outdoor use.
- Silicon gaskets.
- Stainless steel (AISI 316) plate for ground fixing.
- Clear metacrilate protection screen for versions with asymmetric reflector.
- Rifled polycarbonate screen for versions with flood light.
- Power cable 0,3 m long.



	MONODIREZIONALE - MONODIRECTIONAL	LED					SISTEMA-SYSTEM		
		W	lm	V	K	CRI	W	lm	lm/W
	Ne E5645-LBI Gr E5646-LBI	7x1,2W	998	220-240V (350mA)	6000	>80	9W	313	35
	Ne E5645-LBL Gr E5646-LBL	7x1,2W	-	220-240V (350mA)	470nm	>80	-	-	-
	BIDIREZIONALE - BIDIRECTIONAL								
	Ne E5650-LBI Gr E5651-LBI	7x1,2W	998	220-240V (350mA)	6000	>80	9W	419	46
	Ne E5650-LBL Gr E5651-LBL	7x1,2W	-	220-240V (350mA)	470nm	>80	-	-	-



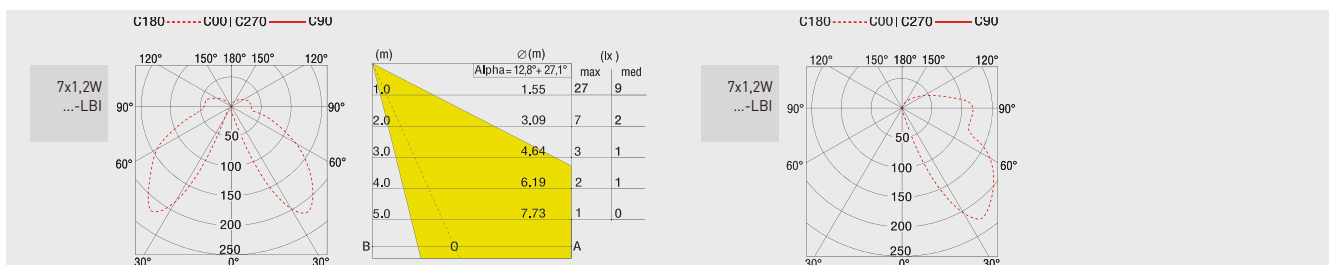
ACC. 898 Pozzetto per fissaggio interrato - Pit for ground attachment



IP 65
IK 07



outside



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color

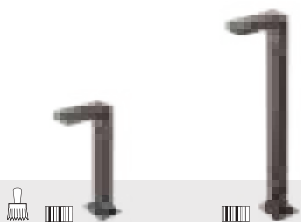
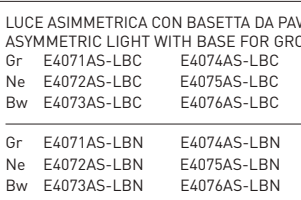



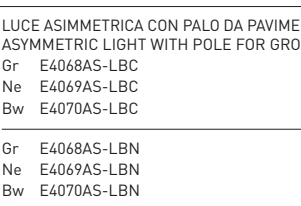


- Corpo in pressofusione di alluminio.
- Verniciatura in polveri epossidiche con trattamento speciale per esterni.
- Guarnizioni in gomma siliconica.
- Vetro di protezione temperato.
- Pressacavo in gomma siliconica PG11.

- Body made of die-cast aluminum.
- Epoxy powder coated with special treatment for outdoor use.
- Silicone rubber gaskets
- Tempered protection glass.
- Cable gland PG11 silicone rubber.



	LED	SISTEMA-SYSTEM		
		W	lm	lm/W
 LUCE SIMMETRICA CON Basetta da Pavimento SYMMETRIC LIGHT WITH BASE FOR GROUND	(W) (lm) (V) (K) (CRI)	(W)	(lm)	(lm/W)
Gr E4071-LBC E4074-LBC Ne E4072-LBC E4075-LBC Bw E4073-LBC E4076-LBC	12x1,2W 1300 220-240V (350mA) 3000 >80	16W	1203	75
Gr E4071-LBN E4074-LBN Ne E4072-LBN E4075-LBN Bw E4073-LBN E4076-LBN	12x1,2W 1300 220-240V (350mA) 4000 >80	16W	1203	75
 LUCE ASIMMETRICA CON Basetta da Pavimento ASYMMETRIC LIGHT WITH BASE FOR GROUND	(W) (lm) (V) (K) (CRI)	(W)	(lm)	(lm/W)
Gr E4071AS-LBC E4074AS-LBC Ne E4072AS-LBC E4075AS-LBC Bw E4073AS-LBC E4076AS-LBC	12x1,2W 1300 220-240V (350mA) 3000 >80	16W	1195	75
Gr E4071AS-LBN E4074AS-LBN Ne E4072AS-LBN E4075AS-LBN Bw E4073AS-LBN E4076AS-LBN	12x1,2W 1300 220-240V (350mA) 4000 >80	16W	1195	75

	LED	SISTEMA-SYSTEM		
		W	lm	lm/W
 LUCE SIMMETRICA CON Palo da Interrare SYMMETRIC LIGHT WITH POLE FOR GROUND	(W) (lm) (V) (K) (CRI)	(W)	(lm)	(lm/W)
Gr E4068-LBC Ne E4069-LBC Bw E4070-LBC	12x1,2W 1300 220-240V (350mA) 3000 >80	16W	1203	75
Gr E4068-LBN Ne E4069-LBN Bw E4070-LBN	12x1,2W 1300 220-240V (350mA) 4000 >80	16W	1203	75
 LUCE ASIMMETRICA CON Palo da Pavimento ASYMMETRIC LIGHT WITH POLE FOR GROUND	(W) (lm) (V) (K) (CRI)	(W)	(lm)	(lm/W)
Gr E4068AS-LBC Ne E4069AS-LBC Bw E4070AS-LBC	12x1,2W 1300 220-240V (350mA) 3000 >80	16W	1195	75
Gr E4068AS-LBN Ne E4069AS-LBN Bw E4070AS-LBN	12x1,2W 1300 220-240V (350mA) 4000 >80	16W	1195	75











ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color

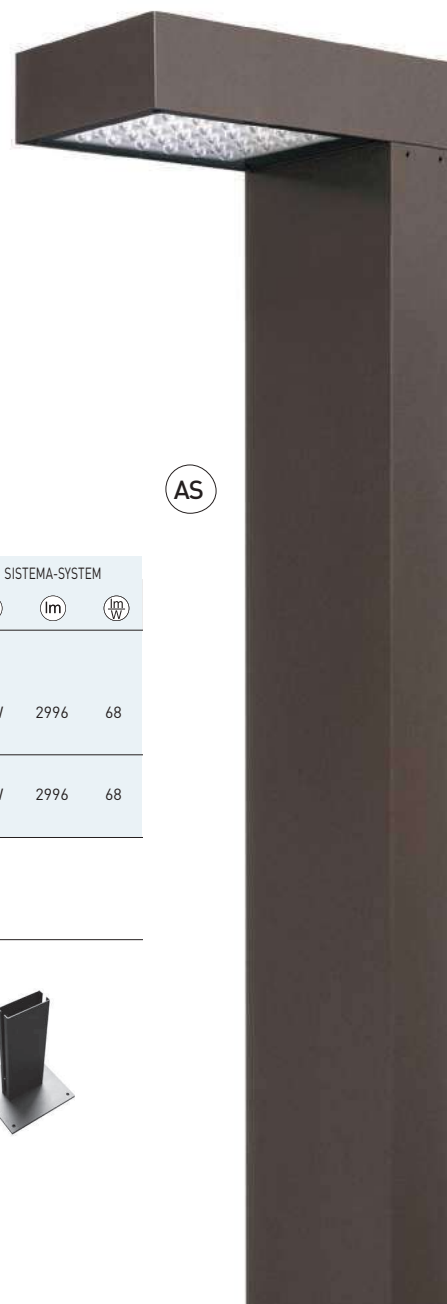






- Corpo in pressofusione di alluminio.
- Verniciatura in polveri epossidiche con trattamento speciale per esterni.
- Guarnizioni in gomma siliconica.
- Vetro di protezione temperato.
- Pressacavo in gomma siliconica PG11.

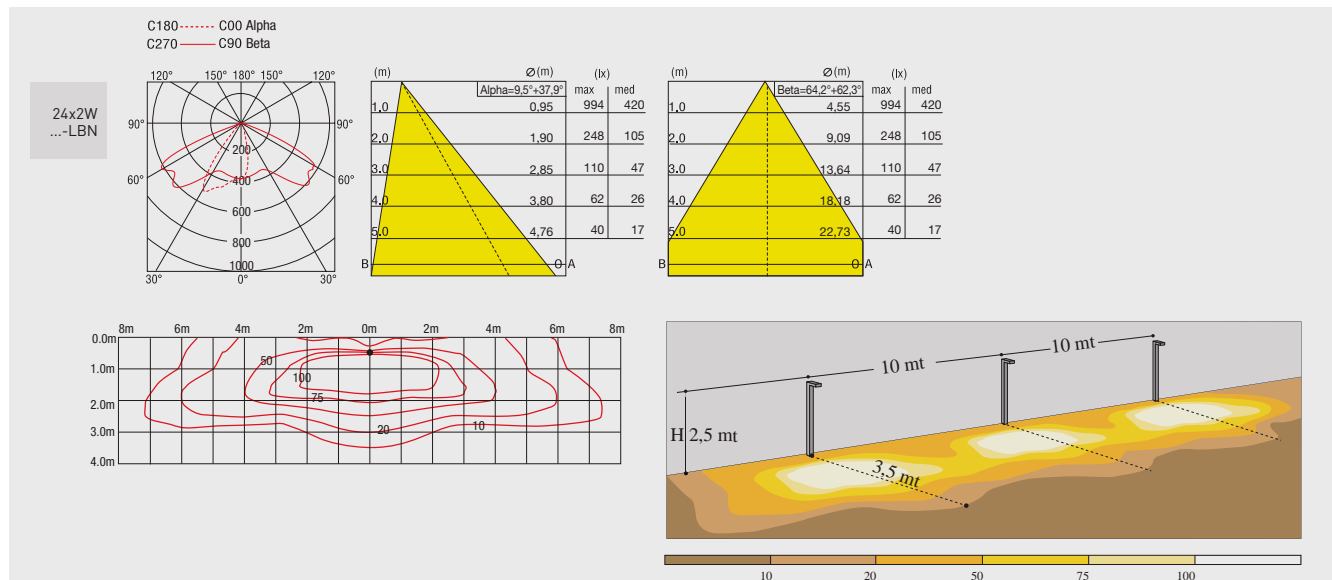
- Body made of die-cast aluminum.
- Epoxy powder coated with special treatment for outdoor use.
- Silicone rubber gaskets
- Tempered protection glass.
- Cable gland PG11 silicone rubber.



AS

	LED		SISTEMA-SYSTEM					
	W	lm	V	K	CRI	W	lm	lm/W
CON PALO DA INTERRARE WITH POLE TO BURY								
Gr E4100-LBC	24x1,7W	3400	220-240V (500mA)	3000	>80	44W	2996	68
Ne E4101-LBC								
Bw E4102-LBC								
PER FISSAGGIO A PAVIMENTO - FOR FLOOR INSTALLATION								
Gr P410-P	24x1,7W	3400	220-240V (500mA)	4000	>80	44W	2996	68
Ne P411-P Base palo - Pole base								
Bw P412-P								

Palo disponibile fino ad una lunghezza di 6 m. totali
Pole available till a maximum length of 6 m.



ALIMENTATORI-KIT RGB (se non in dotazione) da ordinare dalla sezione arancio - DRIVERS-RGB KITS (when not supplied) to be ordered from the section orange color



ALIMENTATORI • DRIVERS

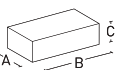


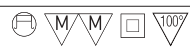


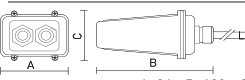


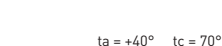


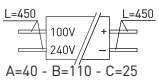


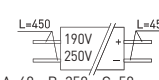

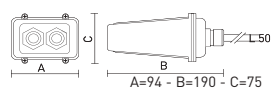





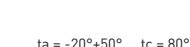

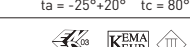



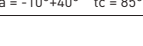




680 ALIMENTATORI
DRIVERS



















686 KIT ALIMENTATORI-MISCELATORI RGB
MIXER KITS-RGB DRIVERS

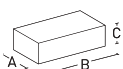
693 ACCESSORI
ACCESSORIES


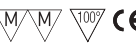










ON-OFF (mA)

ALIMENTATORI • DRIVERS

		WATT	IP	ENTRATA INPUT	USCITA OUTPUT	CODICE CODE	
ALIMENTATORI REMOTI PER POWERLED - POWERLED REMOTE TRANSFORMER							
			8W	IP20	220-240Vac	200mA	646312
A=40 - B=62 - C=23		ta = -10°+50° tc = 75°					
		8W	IP20	100-240Vac	350mA	644758	
A=31 - B=51 - C=21		ta = -20°+50° tc = 65°	9W	IP20	220-240Vac 50/60Hz	250mA	645981
		15W	IP20	120-240Vac 50/60Hz	350mA	644759-1	
A=35 - B=115 - C=20		ta = -15°+40° tc = 80°					
		18W	IP65	220-240Vac 50/60Hz	350mA	645673	
A=92 - B=102 - C=23		ta = -25°+5° tc = 70°					
		6W	IP67	120-240Vac	350mA	645543	
A=45 - B=45 - C=25		ta = +50° tc = 90°	12W	IP20	220-240Vac 50/60Hz	350mA	645984
			13W	IP67	220-240Vac	350mA	646258-67
A=94 - B=190 - C=75		ta = -15°+40° tc = 80°	15W	IP68	220-240Vac 50/60Hz	350mA	J350-68-LED
		20W	IP40	190-250Vac 50/60Hz	500mA	645086	
A=40 - B=140 - C=30		ta = +40° tc = 70°					
		25W	IP67	220-240Vac 50/60Hz	500mA	645626-1	
A=46 - B=176 - C=38		ta = +40° tc = 70°					
		6W	IP20	100-240Vac 50/60Hz	500mA	644758-5	
A=31 - B=51 - C=21		ta = -20°+50° tc = 70°					
		12W	IP40	190-250Vac 50/60Hz	700mA	644940	
A=50 - B=117 - C=30		ta = +40° tc = 60°					
			12W	IP67	100-240Vac 50/60Hz	700mA	644940-67
A=40 - B=110 - C=25		ta = -25°+50° tc = 90°					
		25W	IP40	190-250Vac 50/60Hz	700mA	644936	
A=40 - B=140 - C=30		ta = +40° tc = 70°					
			25W	IP67	190-250Vac 50/60Hz	700mA	644936-67
A=60 - B=250 - C=50		ta = +40° tc = 70°					
			10W	IP68	190-250Vac 50/60Hz	700mA	J700-68-LED
A=94 - B=190 - C=75		ta = +40° tc = 60°					
		15W	IP20	110-240Vac 50/60Hz	350mA	645588	
A=67 - B=103 - C=21		ta = -25°+50° tc = 75°	24W	IP20	110-240Vac 50/60Hz	500mA	645588
		32W	IP20	110-240Vac 50/60Hz	700mA	645588	
		21W	IP20	220-240Vac	500mA	646349-I	
A=43 - B=145 - C=29,5		ta = -20°+50° tc = 80°	25W	IP20	220-240Vac 50/60Hz	600mA	646349-I
		27W	IP20	220-240Vac 50/60Hz	650mA	646349-I	
		30W	IP20	220-240Vac 50/60Hz	700mA	646349-I	
A=43 - B=145 - C=29,5		ta = -20°+50° tc = 80°	34W	IP20	220-240Vac	800mA	646168-I
		38W	IP20	220-240Vac 50/60Hz	900mA	646168-I	
		40W	IP20	220-240Vac 50/60Hz	950mA	646168-I	
		44W	IP20	220-240Vac 50/60Hz	1050mA	646168-I	
A=43 - B=145 - C=29,5		ta = -20°+50° tc = 80°					
		22-30W	IP20	220-240Vac 50/60Hz	700mA	645688	
A=52 - B=110 - C=22		ta = -25°+20° tc = 80°					
		39W	IP20	220-240Vac	900mA	645764	
		42W	IP20	220-240Vac	950mA	645764	
		44W	IP20	220-240Vac 50/60Hz	1000mA	645764	
		46W	IP20	220-240Vac 50/60Hz	1050mA	645764	
A=83 - B=155 - C=35		ta = -20°+50° tc = 85°	51W	IP20	220-240Vac 50/60Hz	1200mA	645764
		10W	IP40	100-240Vac 50/60Hz	500mA	645496	
A=52 - B=110 - C=22		ta = -25°+20° tc = 80°					
		8W	IP20	100-240Vac 50/60Hz	700mA	645122	
A=40 - B=60 - C=20		ta = -10°+40° tc = 85°					

ALIMENTATORI REMOTI PER POWERLED - POWERLED REMOTE TRANSFORMER					
	WATT	IP	ENTRATA INPUT	USCITA OUTPUT	CODICE CODE
 A=185 - B=43 - C=30 $ta = -25^{\circ}+55^{\circ}$ $tc = 90^{\circ}$	3-35W	IP20	100-240Vac 50/60Hz	24Vdc	645763
NB Pulsante a rilascio max 10 alimentatori Parallel connection for max10 driver controlled by the same push-button    	27W	IP40	190-260Vac 50/60Hz	350mA	644973
A=75 - B=147 - C=30 $ta = -10^{\circ}+45^{\circ}$ $tc = 75^{\circ}$	17W	IP40	100-250Vac 50/60Hz	700mA	644973-1
A=40 - B=140 - C=30 $ta = 40^{\circ}$ $tc = 75^{\circ}$	15W 22W 25W 9W	IP20	220-240Vac 50/60Hz	350mA 500mA 700mA 10Vdc	644757
A=67 - B=103 - C=21 $ta = -20^{\circ}+50^{\circ}$ $tc = 75^{\circ}$ ACC. Cavetto 645384-1 per sincronizzare max 10 alimentatori in serie Synchronization cable for max 10 drivers supplies 645384-1	10W 20W			12Vdc 24Vdc	
   	25W 35W 50W 60W	IP20	200-240Vac 50/60Hz	350mA 500mA 700mA 900mA	645384
A=80 - B=124 - C=22 $ta = -20^{\circ}+45^{\circ}$ $tc = 75^{\circ}$ ACC. Cavetto 645384-1 per sincronizzare max 10 alimentatori in serie Synchronization cable for max 10 drivers supplies 645384-1	60W 50W			1050mA 48Vdc	
DIMMERABILE TAGLIO DI FASE PHASE CUT DIMMABLE 	15W	-	220-240Vac 50/60Hz	500mA	645833
A=51 - B=102 - C=29,5 $ta = -25^{\circ}+50^{\circ}$ $tc = 75^{\circ}$					
DIMMERABILE TAGLIO DI FASE PHASE CUT DIMMABLE 	25W	-	220-240Vac 50/60Hz	700mA	645837-1
A=53 - B=119 - C=30 $ta = -20^{\circ}+50^{\circ}$					
DIMMERABILE TAGLIO DI FASE PHASE CUT DIMMABLE 	35W	-	220-240V 50/60Hz	700mA	645838-1
A=54 - B=153 - C=36 $ta = -20^{\circ}+45^{\circ}$ $tc = 75^{\circ}$					
	15W 20W 20W 20W 20W	IP20	220-240Vac 50/60Hz	350mA 500mA 550mA 700mA 850mA 900mA	645938
A=52 - B=110 - C=22 $ta = -25^{\circ}+20^{\circ}$ $tc = 80^{\circ}$					
    	15W 24W 25W 32W 20W 20W 10W 13W	IP20	220-240Vac 50/60Hz	350mA 500mA 550mA 700mA 850mA 900mA 10Vdc 12Vdc	645940
A=68 - B=105 - C=32 $ta = -0^{\circ}+50^{\circ}$ $tc = 75^{\circ}$	20W			24Vdc	



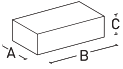




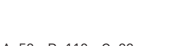



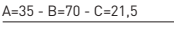


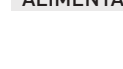

ALIMENTATORI REMOTI PER LED DI LUMINANZA 48V - LUMINANCE DIODES REMOTE TRANSFORMER 48V						
	WATT	IP	ENTRATA INPUT	USCITA OUTPUT	LED MAX	CODICE CODE
   	50W	IP20	220-240Vac 50/60Hz	48Vdc		646433
A=60 - B=225 - C=36 $ta = -40^{\circ}+45^{\circ}C$ $tc = 70^{\circ}$						
   	75W	IP20	220-240Vac 50/60Hz	48Vdc		646434
A=52 - B=180 - C=30 $ta = -15^{\circ}+45^{\circ}C$ $tc = 85^{\circ}$						
   	120W	IP20	220-240Vac 50/60Hz	48Vdc		646435
A=40 - B=300 - C=30 $ta = -15^{\circ}+45^{\circ}C$ $tc = 80^{\circ}$						

ON-OFF (M)



ALIMENTATORI • DRIVERS

		WATT	IP	ENTRATA INPUT	USCITA OUTPUT	LED MAX	CODICE CODE
ALIMENTATORI REMOTI PER LED DI LUMINANZA 24V - LUMINANCE DIODES REMOTE TRANSFORMER 24V							
		10W	IP20	95-240Vac 50/60Hz	24Vdc		644599
	A=34 - B=115 - C=20						
		96W	IP20	120-240Vac 50/60Hz	24Vdc		645178
	A=63 - B=270 - C=41						
		150W	IP20	120-240Vac 50/60Hz	24Vdc		645179
	A=63 - B=270 - C=41						
		150W	IP67	230-240Vac 50/60Hz	24Vdc		645177
	A=65 - B=268 - C=51						
		60W	IP20	120-240Vac 50/60Hz	24Vdc		645038
	A=45 - B=254 - C=35						
		100W	IP67	120-240Vac 50/60Hz	24Vdc		645216
	A=60 - B=237 - C=34						
		20W	IP67	220-240Vac 50/60Hz	24Vdc		645489
	A=46 - B=176 - C=38						
		60W	IP67	120-240Vac 50/60Hz	24Vdc		645490
	A=52 - B=243 - C=32						
ALIMENTATORI REMOTI PER LED DI LUMINANZA 12V - LUMINANCE DIODES REMOTE TRANSFORMER 12V							
		10W	IP20	230Vac 50Hz	12Vdc		644888
	A=48 - B=96 - C=30						
		20W	IP20	220-240Vac 50/60Hz	12Vdc		645469
	A=40 - B=165 - C=25			ta = -20°+35°C tc = 65°			
		50W	IP20	120-240Vac 50/60Hz	12Vdc		644889
	A=45 - B=254 - C=35						
		100W	IP20	120-240Vac 50/60Hz	12Vdc		645474
	A=63 - B=270 - C=41			ta = -25°+50°C tc = 80°			
		150W	IP20	120-240Vac 50/60Hz	12Vdc		645567
	A=63 - B=270 - C=41			ta = -25°+50°C tc = 80°			
		70W	IP67	230-240V 50/60Hz	12Vdc		645176
	A=60 - B=248 - C=49						
		100W	IP67	120-240Vac 50/60Hz	12Vdc		645475
	A=60 - B=237 - C=34			ta = -25°+50°C tc = 85°			
		60W	IP67	220-240Vac 50/60Hz	12Vdc		645544
	A=44 - B=182 - C=40			ta = +50°C tc = 90°			
		120W	IP67	220-240Vac 50/60Hz	12Vdc		645746
	A=48 - B=220 - C=40						
		70W	IP20	230-240Vac 50Hz	12Vac		645586
	A=34 - B=117 - C=21			ta = +40°C tc = 90°			
ALIMENTATORI REMOTI DI EMERGENZA - SAFETY REMOTE TRANSFORMER							
	ALIM + INVERTER						
	BAT.						
	Alimentatore con inverter integrato + batteria 1h Driver with built-in inverter + battery 1h	5W	IP20	230Vac 50Hz	350mA	max 4 LED	INV 1051
	ALIM + INVERTER						
	BAT.						
	Solo inverter + batteria Alimentatore max 15W (da ordinare a parte) Only inverter + battery Driver max 15W (to be ordered)		IP20	220-240Vac 50/60Hz	350mA	max 12 LED	645408
	Emergenza - emergency: kit 1h Emergenza - emergency: kit 3h		IP20	220-240Vac 50/60Hz		LED COB	INV 1052 INV 1052-3
	A=120 - B=250 - C=90						
CENTRALINA DI CONTROLLO RGB - RGB CONTROL GEAR CASE							
	Centralina di controllo DMX per scatola da incasso tipo 503 DMX Control gear case for box 503		IP20		12Vac		645262

ALIMENTATORI REMOTI PER POWERLED - POWERLED REMOTE TRANSFORMER

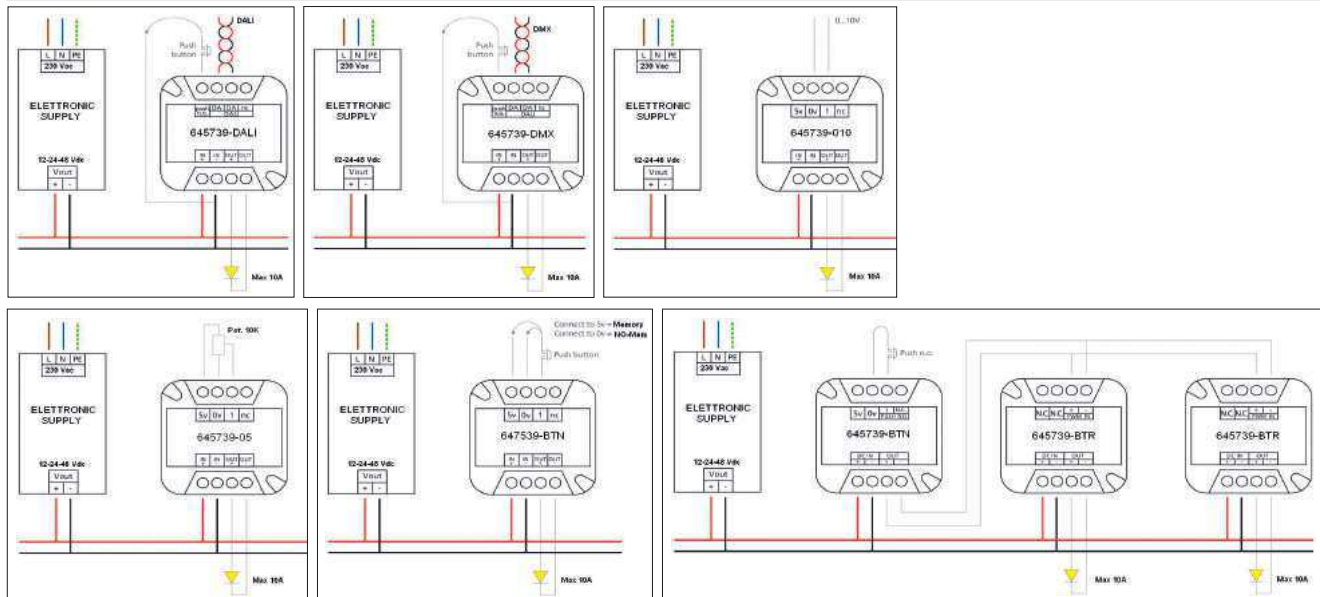
	WATT	IP	ENTRATA INPUT	USCITA OUTPUT	CODICE CODE
A=40 - B=50 - C=21  	4W	IP20	Vdc = 9-24 Vac = 9-18 Hz = 0-60	350mA	645062
A=31 - B=51 - C=21  	21W	IP20	12-24Vdc	500mA	645382
A=31 - B=51 - C=21  	28W	IP20	12-24Vdc	700mA	645383
A=36 - B=53 - C=25  	22W	IP20	12-24Vdc	3x350mA	645399
A=10 - B=45 - C=10  	7W	IP20	12-24Vdc	350mA	645393
A=52 - B=110 - C=22  	13W 19W 20W 20W	IP20	220-240Vac 50/60Hz	250mA 350mA 500mA 700mA	645906
A=35 - B=70 - C=21,5  	6W	IP20	220-240Vac 50/60Hz	150mA	645909

ALIMENTATORI REMOTI PER POWERLED - POWERLED REMOTE TRANSFORMER

	WATT	IP	ENTRATA INPUT	USCITA OUTPUT	DIMMER	CODICE CODE
A=44 - B=44 - C=25  	120-240-480W	IP20	12-24-48Vdc	1x max 8A	Potenz. 0-5V	645739-05
A=44 - B=44 - C=25  	120-240-480W	IP20	12-24-48Vdc	1x max 8A	Anal. 0-10V	645739-010
A=44 - B=44 - C=25  	120-240-480W	IP20	12-24-48Vdc	1x max 8A	Pulsante N.A.	645739-BTN
A=44 - B=44 - C=25  	120-240-480W	IP20	12-24-48Vdc	1x max 8A	PWM 200-400Hz	645739-BTR
A=44 - B=44 - C=25  	120-240-480W	IP20	12-24-48Vdc	1x max 8A	PWM max 250Hz * Pulsante N.A.	645739-DALI
A=44 - B=44 - C=25  	120-240-480W	IP20	12-24-48Vdc	1x max 8A	PWM max 250Hz * Pulsante N.A.	645739-DMX

* IN CASO DI ASSENZA DEL SEGNALE DIGITALE - IN CASE OF ABSENCE OF THE DIGITAL SIGNAL

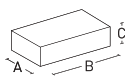
SCHEMI DI COLLEGAMENTO PER DIMMER LED DI LUMINANZA - LUMINANCE DIODES DIMMABLE CONNECTING LAYOUT



DALI

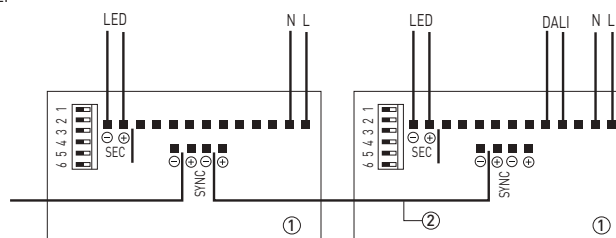
ALIMENTATORI • DRIVERS

	WATT	IP	ENTRATA INPUT	USCITA OUTPUT	LED MAX	USCITA OUTPUT	LED MAX	CODICE CODE
ALIMENTATORI ELETTRONICI DIMMERABILE DALI - ELECTRONIC DIMMABLE DALI BALLAST								
A=79 - B=159 - C=33 ta = -20°+50°C tc = 80°	60W	IP20	220-240Vac 50/60Hz	1050mA	-	DALI PUSH	INDIP. CL I	645683-I
A=47 - B=220 - C=44 ta = -20°+50°C tc = 75°	80W	IP20	220-240Vac 50/60Hz	24Vdc	-	DALI touch Dim	INDIP. CL II	645686
A=77 - B=133 - C=48 ta = -25°+55°C tc = 75°	50W	IP20	220-240Vac 50/60Hz	24Vdc	-	DALI, STEP DIM, Astro DIM	INDIP. CL II	645687
A=42 - B=207 - C=31 ta = -25°+60°C tc = 90°	30W	IP20	220-240Vac 50/60Hz	700mA	12	DALI DSI	INDIP. CL II	645688-DA
A=67 - B=103 - C=29,5 ta = -20°+50°C tc = 75°	25W	IP20	220-240Vac 50/60Hz	700mA	10	DALI touch Dim	DIP. CL II	645839
A=67 - B=103 - C=29,5 ta = -20°+50°C tc = 75°	35W	IP20	220-240Vac 50/60Hz	1050mA	-	DALI touch DIM	DIP. CL II	645840
A=67 - B=103 - C=21 ta = -25°+50°C tc = 75°	15W 24W 32W 9W 10W 20W	IP20	220-240Vac 50/60Hz	350mA 500mA 700mA 10Vdc 12Vdc 24Vdc	12 12 12 - - -	DALI	INDIP. CL II	644757-DA
A=79 - B=124,5 - C=22 ta = -25°+50°C tc = 85°	25W 35W 50W 60W 60W 50W	IP20	220-240Vac 50/60Hz	350mA 500mA 700mA 900mA 1050mA 48Vdc	20 20 20 18 14 -	DALI PUSH 1-10V	INDIP. CL II	645384-DA
A=30 - B=280 - C=21 ta = -20°+50°C tc = 70°	75W	IP20	220-240Vac 50/60Hz	350mA	Min 37 Max 70	DALI - DSI Switch DIM	DIP. CL I	645538
A=30 - B=280 - C=21 ta = -20°+55°C tc = 75°	35W	IP20	220-240Vac 50/60Hz	350mA	Min 20 Max 40	DALI - DSI Switch DIM	DIP. CL I	645658
A=51 - B=155 - C=26 ta = -10°+50°C tc = 75°	17W 17W 17W 8,5W 17W	IP20	220-240Vac 50/60Hz	350mA 500mA 700mA 12Vdc 24Vdc	Min 2/12 8 6 - -	DALI	INDIP. CL II	645682
A=79 - B=129 - C=33 ta = -20°+50°C tc = 80°	60W	IP20	220-240Vac 50/60Hz	1050mA	-	DALI PUSH	DIP. CL I	645683
A=67 - B=138 - C=29,5 ta = -20°+50°C tc = 65°	25W	IP20	220-240Vac 50/60Hz	700mA	-	DALI	INDIP.	645839-I
A=67 - B=138 - C=29,5 ta = -20°+65°C tc = 75°	35W	IP20	220-240Vac 50/60Hz	1050mA	-	DALI	INDIP.	645840-I
Cavetto per sincronizzare max 10 alimentatori in serie Synchronization cable for max 10 driver supplies							1 mt 4 mt	645384-1 645384-4



Schema di collegamento con segnale DALI
Wiring with DALI signal

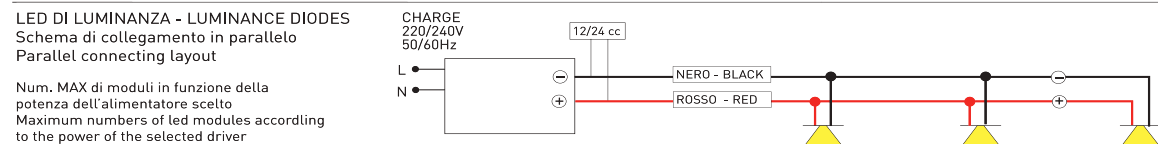
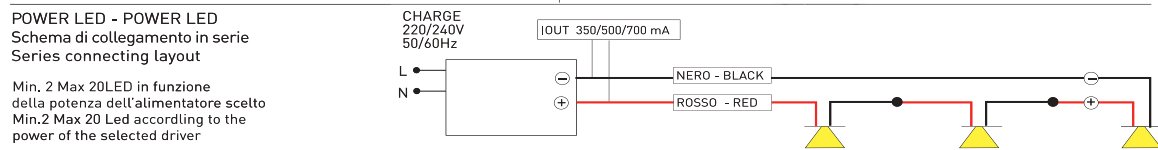
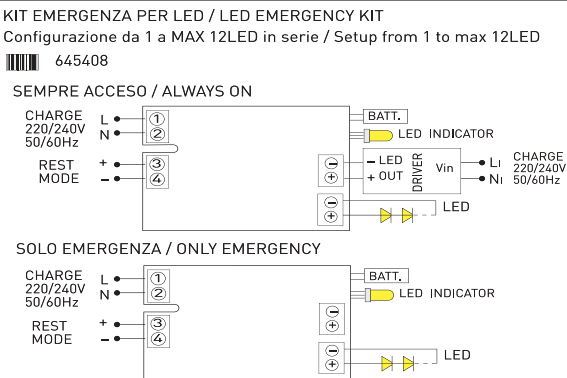
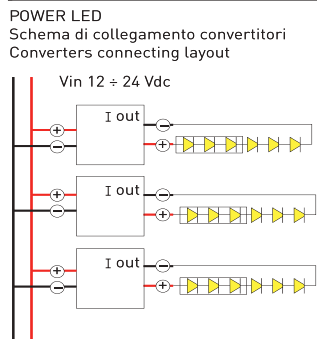
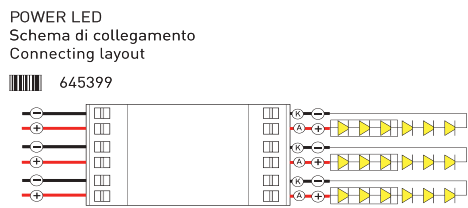
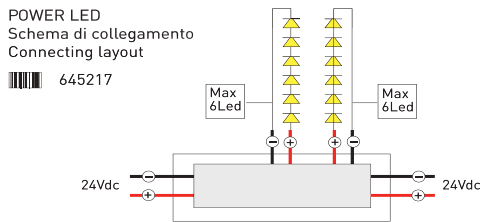
- ① 644757-DA
645384-DA
- ② 645384-1
645384-4



Max. 10 alimentatori in serie
Max. 10 drivers in looping connection

		WATT	IP	ENTRATA INPUT	USCITA OUTPUT	LED MAX	USCITA OUTPUT	LED MAX	CODICE CODE
ALIMENTATORI DIMMERABILI DALI-DSI-SWITCH DIM - DIMMABLE DALI-DSI-SWITCH-DIM DRIVER									
A=70 - B=105 - C=28,3	ta-25°+60°C tc = 75°	17,5W 20W 20W	IP20	220-240Vac 50/60Hz	350mA 500mA 700mA	-	DALI, DSI SwitchDIM* corridorFUNCTION**	DIP.	645848
A=70 - B=200 - C=31	ta-25°+60°C tc = 85°	17,5W 20W 20W	IP20	220-240Vac 50/60Hz	350mA 500mA 700mA	-	DALI, DSI SwitchDIM* corridorFUNCTION**	INDIP. CL II	645848-I
A=70 - B=120 - C=28,3	ta-25°+60°C tc = 80°	31,5W 35W 35W	IP20	220-240Vac 50/60Hz	350mA 500mA 700mA	-	DALI, DSI SwitchDIM* corridorFUNCTION**	DIP.	645849
A=85 - B=220 - C=31	ta-25°+60°C tc = 70°	31,5W 35W 35W	IP20	220-240Vac 50/60Hz	350mA 500mA 700mA	-	DALI, DSI SwitchDIM* corridorFUNCTION**	INDIP. CL II	645849-I
A=85 - B=125 - C=28,3	ta-25°+50°C tc = 80°	43,2W 50,4W 55W	IP20	220-240Vac 50/60Hz	900mA 1050mA 1200mA	-	DALI, DSI SwitchDIM* corridorFUNCTION**	DIP.	645850
A=85 - B=220 - C=31	ta-25°+60°C tc = 70°	43,2W 50,4W 55W	IP20	220-240Vac 50/60Hz	900mA 1050mA 1200mA	-	DALI, DSI SwitchDIM* corridorFUNCTION**	INDIP. CL II	645850-I
A=52 - B=110 - C=22	ta = -25°+45° tc = 75°	10W 15W 17W 19W 20W 20W 20W	IP20	220-240Vac 50/60Hz	250mA 350mA 400mA 450mA 500mA 550mA 600mA 700mA	12 12 12 10 9 9 8 6	DALI		645939
A=76 - B=129 - C=30	ta = -25°+50° tc = 85°	45W 52W 55W 55W 55W 55W	IP20	220-240Vac 50/60Hz	1050mA 1200mA 1400mA 1600mA 1750mA 2100mA	- - - - - -	DALI		645845

* Funzione Switch DIM con pulsante N.A. - Function Switch DIM whit button N.O.
** CorridorFUNCTION in abbinamento a rilevatori di presenza - CorridorFUNCTION combined to motion detector.
Dimming range 1 - 100%

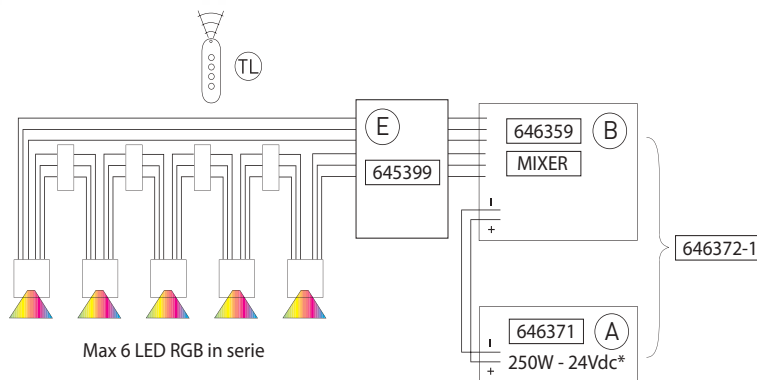
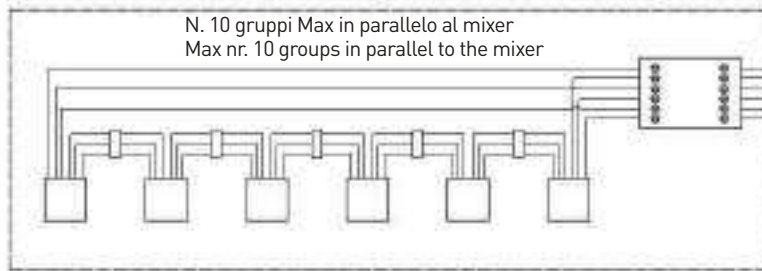


POWER LED RGB

KIT ALIMENTATORI-MISCELATORI RGB • RGB POWER SUPPLIES-MIXER KITS

ALIMENTATORE POWER SUPPLY	MISCELATORE COLOR MIXER	MISCELATORE COLOR MIXER	IP	LED/W MAX	ENTRATA INPUT	USCITA OUTPUT	CODICE CODE
KIT POWER LED 350mA							
			IP20	max 6 sorgenti RGB sources RGB	230V-240V 50-60HZ	24Vdc	646372-1

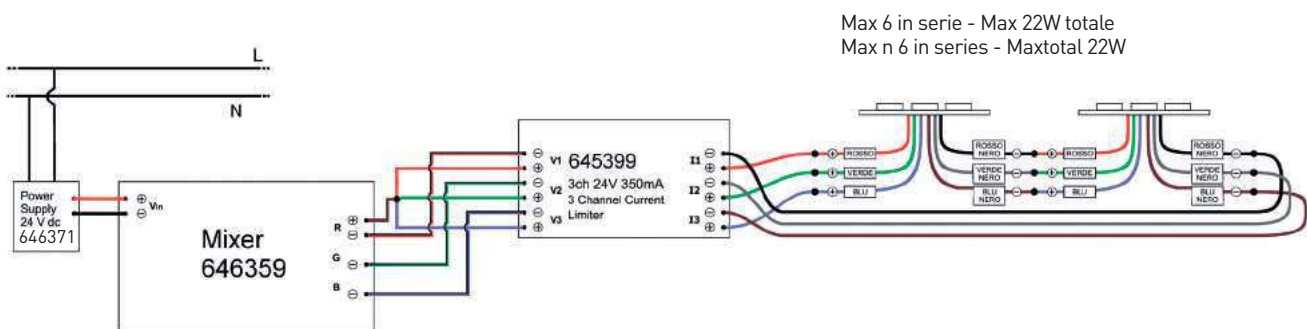
COLLEGAMENTO - WIRING



(A) ALIMENTATORE - CONTROL GEAR	646371	(TL) TELECOMANDO - REMOTE CONTROL
(B) MIXER	646359	
(E) CONVERTITORE - CONVERTER	645399	

















* NB. Il codice dell'alimentatore è riferito alla massima potenza gestita dal mixer.
Dimensionare alimentatore in funzione della potenza degli apparecchi.

The control gear code refers to the maximum power managed by the mixer.
Select the control gear according to the total power of the fittings.



ATTENZIONE: per il collegamento vedere lo schema elettrico in allegato all'apparecchio
ATTENTION: for connection see the circuit diagram supplied with the fitting

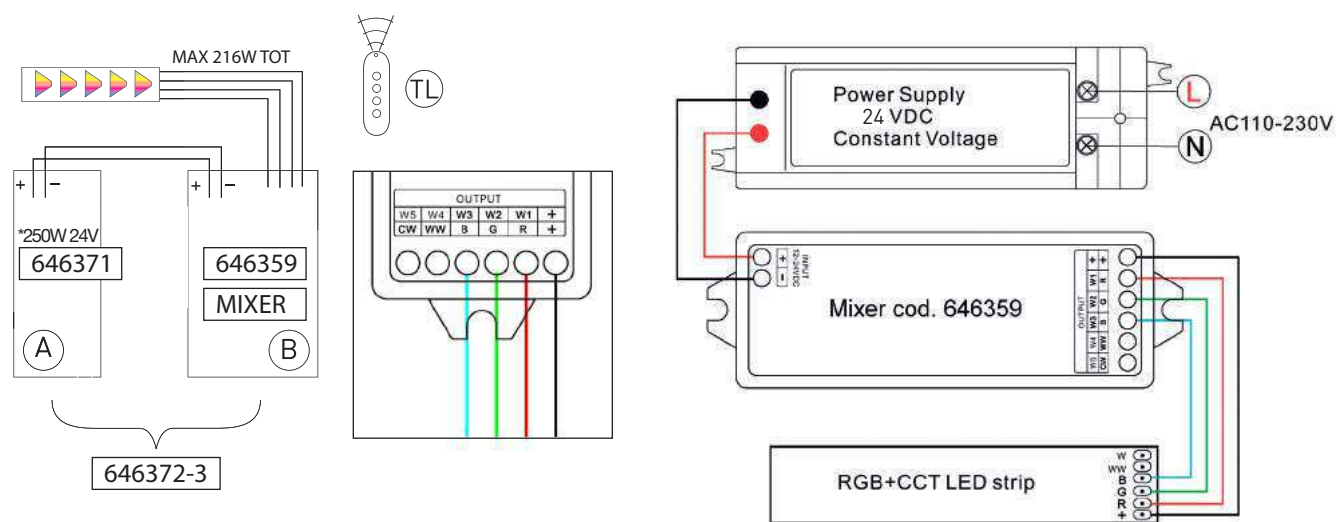
APPARECCHI DI RIFERIMENTO - REFERENCE LIGHTING FITTING

- 
MATRIX MINI
- 
MATRIX MINI ASIMMETRICO
- 
CO-LIGHT MINI
- 
JOCKER 3 LED
- 
SUBMARINER 140
- 
MONOLIGHT 105
- 
DOUBLE LIGHT 105
- 
CEILING 105
- 
CEILING/S 105
- 
EYES B-1
- 
EYES
- 
OLODUM MICRO
- 
OLODUM MICRO PASS
- 
OLODUM MINI QUADRO
- 
OLODUM MIDI
1 APPARECCHIO = 644892/1
- 
SUBMARINER 175
1 APPARECCHIO = 644892/1
- 
SUBWATER 175
1 APPARECCHIO = 644892/1
- 
CIELO
- 
CIELO FLOOR

POWER LED RGB

KIT ALIMENTATORI-MISCELATORI RGB • RGB POWER SUPPLIES-MIXER KITS

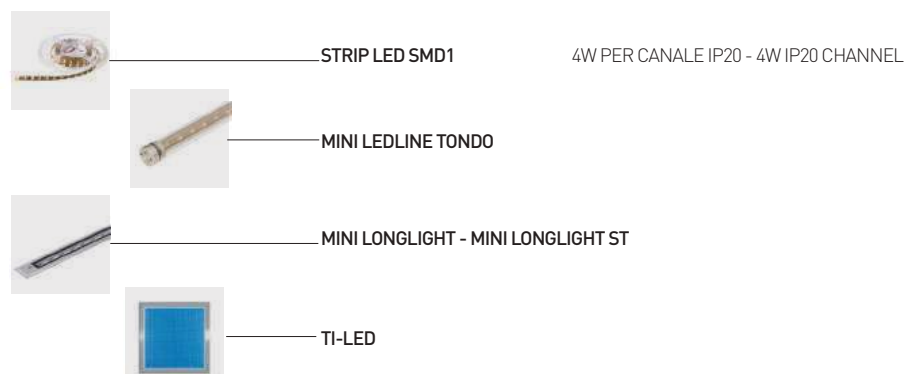
ALIMENTATORE POWER SUPPLY	MISCELATORE COLOR MIXER	IP	LED/Watt MAX	ENTRATA INPUT	USCITA OUTPUT	CODICE CODE
LED 24Vcc						
			IP20	72W max per canale for channel	220V-240V 60HZ	24V dc
						646372-3



(A) ALIMENTATORE - CONTROL GEAR	646371	(TL) TELECOMANDO - REMOTE CONTROL
(B) MIXER	646359	

* NB. Il codice dell'alimentatore è riferito alla massima potenza gestita dal mixer.
Dimensionare alimentatore in funzione della potenza degli apparecchi.
The control gear code refers to the maximum power managed by the mixer.
Select the control gear according to the total power of the fittings.

APPARECCHI DI RIFERIMENTO - REFERENCE LIGHTING FITTING

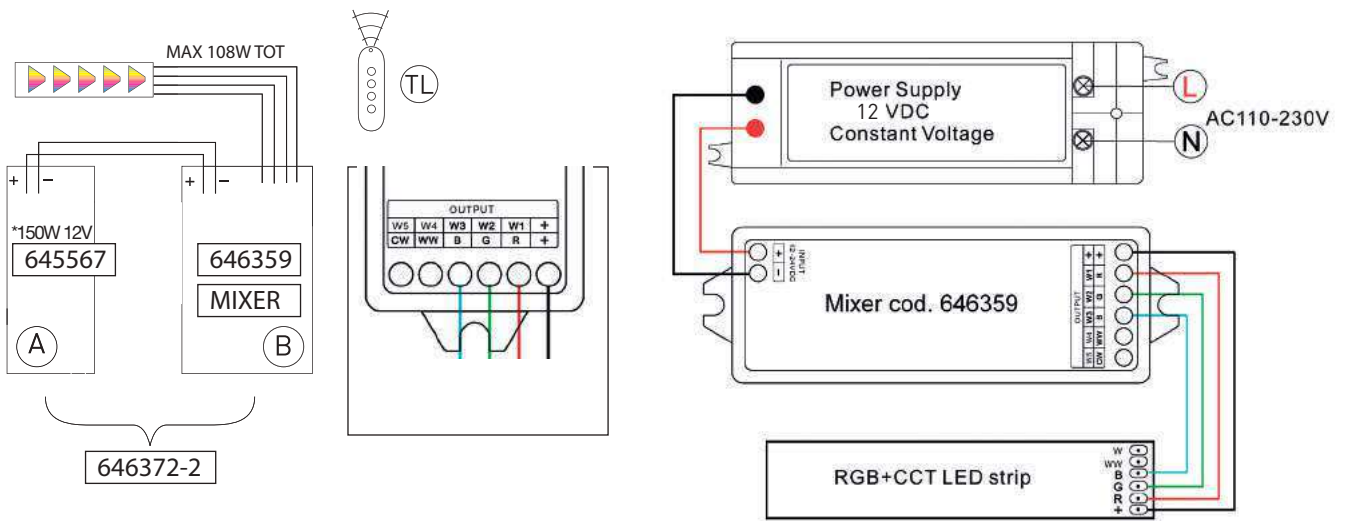


ATTENZIONE: per il collegamento vedere lo schema elettrico in allegato all'apparecchio
ATTENTION: for connection see the circuit diagram supplied with the fitting

ALIMENTATORE POWER SUPPLY	MISCELATORE COLOR MIXER	IP	LED/Watt MAX	ENTRATA INPUT	USCITA OUTPUT	CODICE CODE
------------------------------	----------------------------	----	--------------	------------------	------------------	----------------

LED 12Vcc

KIT RGB						
				IP20	36W max per canale for channel	220V-240V 60HZ
						12V dc
						646372-2



(A) ALIMENTATORE - CONTROL GEAR	645567	(TL) TELECOMANDO - REMOTE CONTROL
(B) MIXER	646359	

* NB. Il codice dell'alimentatore è riferito alla massima potenza gestita dal mixer.
Dimensionare alimentatore in funzione della potenza degli apparecchi.
The control gear code refers to the maximum power managed by the mixer.
Select the control gear according to the total power of the fittings.

APPARECCHI DI RIFERIMENTO - REFERENCE LIGHTING FITTING





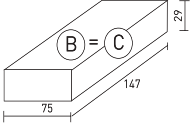


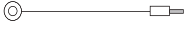

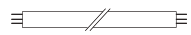

STRIP LED SMD1

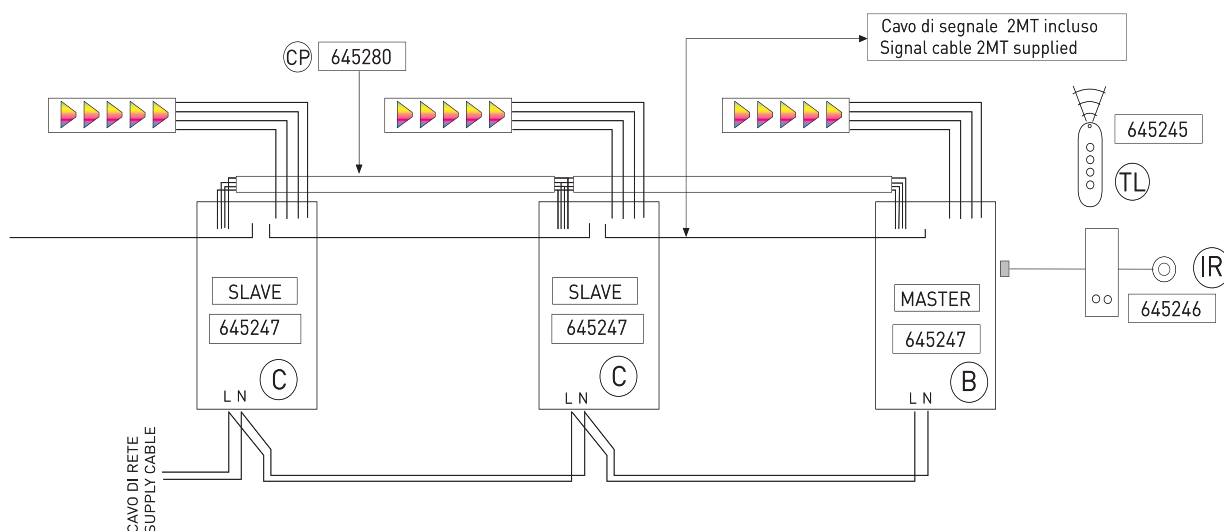
2,4W PER CANALE IP65 - 2,4W IP65 CHANNEL




ATTENZIONE: per il collegamento vedere lo schema elettrico in allegato all'apparecchio
ATTENTION: for connection see the circuit diagram supplied with the fitting

LED SMD RGB

KIT ALIMENTATORI-MISCELATORI RGB • RGB POWER SUPPLIES-MIXER KITS

ALIMENTATORE POWER SUPPLY		IP	LED/W MAX	ENTRATA INPUT	USCITA OUTPUT	CODICE CODE
POWER LED 350mA						
						
		IP40	10W max per canale for channel	190/265V 50/60HZ	350mA	645247
		TELECOMANDO - REMOTE CONTROL				645245
		SENSORE - SENSOR				645246
		CAVETTO MULTIPOLARE - MULTIPOLAR CABLE				645280



MASTER	SLAVE	645247		TELECOMANDO - REMOTE CONTROL	645245
	CAVETTO MULTIPOLARE MULTIPOLAR CABLE	645280		SENSORE - SENSOR	645246

N.B. In fase di installazione si raccomanda di attemnersi rigorosamente alle istruzioni allegate ai kit di alimentazione
 N.B. During installation please observe strictly the power supplies kit instructions

APPARECCHI DI RIFERIMENTO - REFERENCE LIGHTING FITTING



POWER LED RGB

KIT ALIMENTATORI-MISCELATORI RGB • RGB POWER SUPPLIES-MIXER KITS

SIDE item 645258 is an interface between a DMX signal generator and the PWM signal to control the Slave SIDE items 645037/S- 645043/S. The interface gives the possibility to control the connected RGB modules, by creating colour scenes which can be completely programmed. The electrical wiring diagram shows the use of a DMX control gearcase which has to be used together with the interface; in this way the interface can get information regarding the DMX active channels through a bus line.

Each interface uses 3 DMX channels to create 3 signals to control the colour (red, green, blue) which are sent to a the Slave module to control the colour. The interface has 10 dip-switches. 9 of them are used to set up the DMX channels according the binary system and the last one to check that the three Leds of each module work properly. The X address of the first channel brings the signal to control the red colour. As a consequence the address "X+1" is the DMX channel to control the green colour. The address "X+2" then is the DMX channel to control the blue colour.

By using the control gearcase it is possible to make the DMX channels work on the a.m. address and give values from 0 to 255 of colour saturation in order to get different shadings/tones. It's possible to get a parallel connection between max. 20 interfaces [item 645258] without regenerating the DMX signal, but paying a great attention not to use the same channels programmed on the previous interface. Each interface can control till 99 Slaves 645037/S interconnected with a little cable supplied (Slave In-Slave Out). See the electrical wiring diagrams for the max. number of fittings that can be connected to the single Slave. Such devices are used for fittings with power Led fed by continuous current and for power Leds 24V according to which Slave is used (see the electrical wiring diagrams).

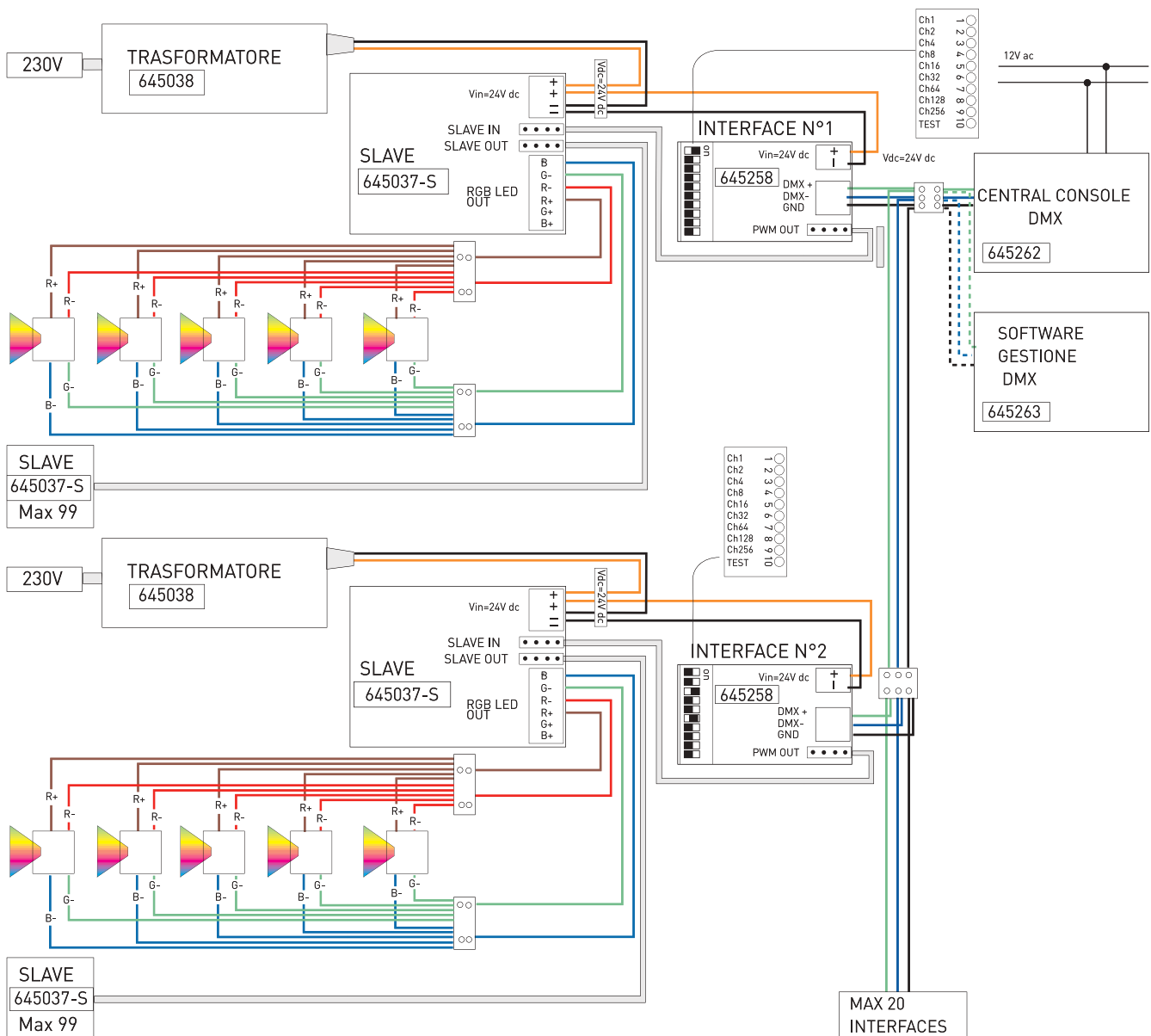
Each Slave has to be fed by 24Vdc tension and in parallel it has to be fed the interface 645258 that absorbs around 1W (max. current 40mA).

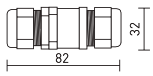
As already described a control gearcase has to be added to the system. SIDE proposes a recessed model which can generate four programs already set by the supplier and to program the other scenes by planning the beginning of the cycle and the operating time, the colour saturation, the fading between a tone and the following one (information have to be asked to our technical department).

The interface then can get the DMX signal from an USB/DMX shunt connected with a PC that uses a proper RGB programming software.

As alternative there is a USB/DMX shunt with memory where the information created by the software with the PC have to be loaded and where the signal of the USB/DMX interface has to be launched.

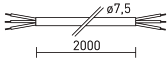
SCHEMA PER LED DI LUMINANZA (SMD) - LUMINANCE LED SCHEME



CODICE
CODE

Connettore IP68 per cavo diametro 7-10 mm
IP68 Socket for cable 7-10mm

645230



Cavo di alimentazione collegato 2 m
Power cable 2 m length

645229



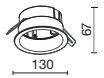
Ventosa
Glass remover

E960



Basetta plafone per adattatore elettrico
Ceiling base for electric adaptor

Bi 990925
Ne 990926



Adattatore per incasso basetta
Recessed base adaptor

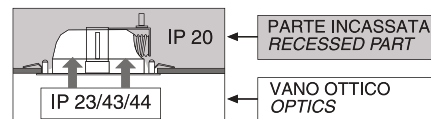
Bi 990930
Ne 990931





GRADO DI PROTEZIONE **IP** ---
 PROTECTION DEGREE

Prima cifra caratteristica / First characteristic numeral
 Seconda cifra caratteristica / Second characteristic numeral
 Resistenza meccanica / Shock resistance



PRIMA CIFRA - FIRST NUMERAL		SECONDA CIFRA - SECOND NUMERAL			RESISTENZA AGLI URTI MECCANICI SHOCK RESISTANCE		
PROTEZIONE CONTRO LA PENETRAZIONE DI CORPI SOLIDI PROTECTION AGAINST PENETRATION OF SOLID OBJECTS		PROTEZIONE CONTRO LA PENETRAZIONE DI CORPI LIQUIDI PROTECTION AGAINST PENETRATION OF WATER					
0	Non protetto Non protected	0	–	Non protetto Not protected	0	Non protetto Not protected	Peso Weight h. caduta h. fall down
1	Protetto contro corpi solidi sup. a 50 mm Protected against solid objects greater than 50 mm	1	☾	Protetto contro la caduta verticale di gocce d'acqua Protected against dripping water	1	Energia d'urto Shock resistance	0,025 150 g joule 15 cm
2	Protetto contro corpi solidi sup. a 12 mm Protected against solid objects greater than 12 mm	2	–	Protetto contro la caduta di gocce d'acqua con involucro inclinato max di 15° Protected against dripping water when tilted up to 15°	2	–	–
3	A prova di penetrazione di sonda con Ø 2,5 mm Protected against solid objects with Ø 2,5 mm	3	☾	Protetto contro la pioggia Protected against spraying water	3	Energia d'urto Shock resistance	0,5 250 g joule 15 cm
4	A prova di penetrazione di sonda con Ø 1 mm Protected against solid objects with Ø 1 mm	4	☾	Protetto contro spruzzi d'acqua Protected against splashing	4	–	–
5	Protetto contro la polvere / Dust-protected	5	☾☾	Protetto contro i getti d'acqua Protected against water jets	5	Energia d'urto Shock resistance	2 500 g joule 40 cm
6	Stagno alla polvere / Dust-tight	6	–	Protetto contro le ondate Protected against heavy seas	6	–	–
		7	☾☾	Stagno all'immersione Protected against the effects of immersion	7	Energia d'urto Shock resistance	6 1500 g joule 40 cm
		8	☾☾	Stagno alla sommersione Protected against submersion	8	–	–
					9	Energia d'urto Shock resistance	20 5000 g joule 40 cm

GRADO DI PROTEZIONE DEGLI INVOLUCRI PER APPARECCHIATURE ELETTRICHE CONTRO IMPATTI MECCANICI ESTERNI (CODICE IK)
 DEGREES OF PROTECTION PROVIDED BY ENCLOSURES FOR ELECTRICAL EQUIPMENT AGAINST EXTERNAL MECHANICAL IMPACTS (IK CODE)

RELAZIONE TRA IL CODICE IK E L'ENERGIA D'IMPATTO / RELATION BETWEEN IK CODE AND IMPACT ENERGY												
CODICE IK IK CODE	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10	
ENERGIA DI IMPATTO IN JOULE IMPACT ENERGY JOULE	*	0,15	0,2	0,35	0,5	0,7	1	2	5	10	20	
* NON PROTETTO SECONDO LA PRESENTE NORMA NOT PROTECTED ACCORDING TO THIS STANDARD												

ALTEZZA DI CADUTA / HEIGHT OF FALL

ENERGIA ENERGY	J	0,14	0,2	(0,3)	0,35	(0,4)	0,5	0,7	1	2	5	10	20		
MASSA EQUIVALENTE EQUIVALENT MASS	Kg	0,25	(0,2)	0,25	(0,2)	0,25	(0,2)	(0,2)	0,25	0,25	0,25	0,5	1,7	5	
ALTEZZA DI CADUTA HEIGHT OF FALL	mm ± 1%	56	(100)	80	(150)	140	(200)	(250)	200	280	400	400	300	200	400

COMPOSTO CHIMICO - CHEMICAL AGENT	PMMA	PC	PA	PVC	AL	AISI
Acetone - Acetone	😞	😐	😐	😐	😊	😊
Acido arsenico al 20% - Arsenic acid 20%	😊	😊		😊	😞	😐
Acido citrico al 20% - Citric acid 20%	😊	😊	😊	😊	😐	😐
Acido acetico al 10% - Acetic acid 10%	😊	😊	😞	😊	😞	😐
Acido cloridrico - Hydrochloric acid	😊	😊	😞	😊	😞	😞
Acido cromico - Chromic acid	😐	😐	😐	😊	😐	😐
Acido formico fino al 30% - Formic acid up to 30%	😐	😐	😊	😊	😞	😐
Acido nitrico al 20% - Nitric acid 20%	😐	😐	😞	😊	😞	😞
Acido solforico fino al 30% - Sulphuric acid up to 30%	😊	😊	😞	😊	😞	😞
Acqua di mare - Sea water	😊	😊	😐	😐	😐	😊
Alcool etilico - Ethyl alcohol	😞	😊	😊	😊	😊	😊
Alcool isopropilico - Isopropyl alcohol	😐	😞	😊		😐	😊
Anilina - Aniline	😞	😞	😐	😞	😊	😊
Ammoniaca - Ammonia	😊	😞	😊	😐	😊	😐
Benzina - Petrol	😊	😊	😊	😊	😊	😊
Benzina super - High octane petrol	😊	😞	😞	😐	😊	😊
Benzolo - Benzol	😞	😞	😐	😞	😐	😊
Bevande alcoliche - Alcoholic beverages	😊	😊	😊	😊	😊	😊
Bromo - Bromine	😞	😐		😞	😐	😊
Calce bianca - White lime	😐	😐	😞	😞	😞	😊
Carburanti diesel - Diesel petrol	😐	😐	😐	😊	😊	😊
Clima marino - Sea atmosphere	😊	😊	😊	😊	😐	😐
Cloroformio - Chloroform	😞	😞	😐	😐	😊	😊
Cloro liquido (vapori) - Liquid chlorine (vapors)	😞	😞		😞	😊	😞
Cloruro di calcio - Calcium chloride	😊	😊	😊	😊	😊	😐
Cloruro di ferro - Iron chloride	😊	😐	😊	😊	😐	😐
Esano- Hexane	😊	😐	😊	😊	😊	😊

COMPOSTO CHIMICO - CHEMICAL AGENT	PMMA	PC	PA	PVC	AL	AISI
Etilere - Ethylether	😊	😞	😊	😞	😊	😊
Fenoli - Phenol	😞	😞	😞		😐	😊
Glicerina - Glycerine	😊	😐	😊	😊	😊	😊
Idrocarburi - Hydrocarbons	😐	😞			😊	😊
Metanolo - Methanol	😞	😞	😐	😊	😐	😊
Oli minerali - Mineral oils	😊	😞	😊	😊	😊	😊
Olio di silicone - Silicone oil	😐	😊	😊	😊	😊	😊
Olio diesel-nafta - Diesel oil - naphtha	😊	😐	😊	😊	😊	😊
Olio e grassi alimentari - Food fat-oil	😊	😐	😊	😊	😊	😊
Ozono - Ozone	😊	😐	😞	😐	😊	😐
Permanganato di potassio - Potassium permanganate	😊	😊	😊	😊	😐	😊
PVC con plastificanti - PVC with plasticizers	😞				😊	😊
Soda - Soda	😊	😞	😊	😊	😞	😞
Solfato acquoso di zinco - Watery zinc sulphate	😊	😊	😊	😊	😊	😊
Solfato di alluminio - Aluminium sulphate	😊	😊	😊	😊	😊	😊
Solfato di rame - Copper sulphate	😊	😊	😊	😊	😊	😐
Tetracloruro di carbonio - Carbon tetrachloride	😞	😞	😊	😞	😊	😊
Toluolo - Toluol	😞	😐	😐	😞	😊	😊
Tricloroetilene - Trichlorinethylene	😞	😞	😊		😊	😊

LEGENDA - LEGEND

PMMA

polimetilmetacrilato - polymethylmethacrylate

PC

policarbonato - polycarbonate

PA

poliammide - polyamide

PVC

cloruro di polivinile - polyvinyl chloride

AL

alluminio - aluminium

AISI

acciaio inossidabile - stainless steel



resiste - resistant



resiste relativamente - slight resistant

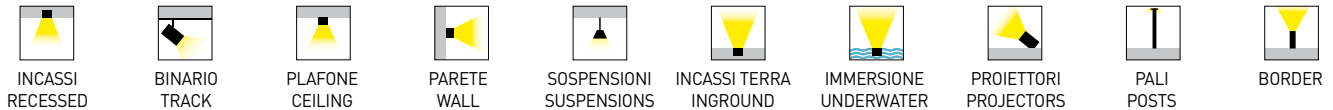


non resiste - not resistant

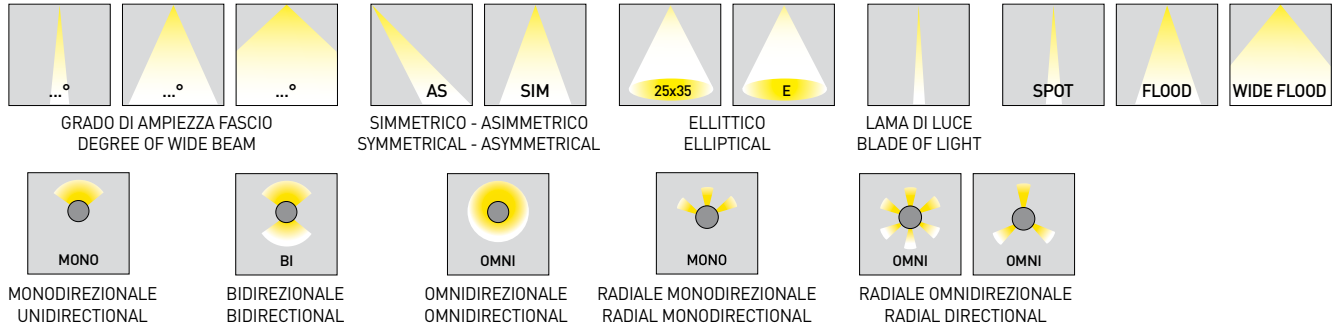
Attenzione: i prodotti chimici della tabella sono una minima parte di quelli esistenti nelle diverse composizioni. Verificare la compatibilità tra i materiali componenti e l'ambiente d'installazione. Possono esserci delle variazioni nella compatibilità tra materiale e prodotto chimico in funzione della concentrazione e della temperatura.

Attention: the chemicals listed in the table are just a few of those which exist in various compositions. Check the compatibility between the material of the lighting fittings and the environment in which they have to be installed. There may be variations in the compatibility between the material and the chemical according to its concentration and temperature.

TIPOLOGIA DI INSTALLAZIONE - TYPES OF INSTALLATION



FASCI LUMINOSI - LIGHT BEAMS



TIPOLOGIA DI FASCIO - BEAM TYPES



	Codice apparecchio - Light fitting code
	Colore finitura apparecchio - Source-fitting colour
	Fornito senza sorgente luminosa, senza alimentatore - Supplied without lighting source, without driver
	Fornito con sorgente luminosa, senza alimentatore - Supplied with lighting source, without driver
	Fornito senza sorgente luminosa, con alimentatore remoto - Supplied without lighting source, with remote driver
	Fornito con sorgente luminosa, con alimentatore remoto - Supplied with lighting source, with built-in driver
	Fornito senza sorgente luminosa, con alimentatore - Supplied without lighting source, with built-in driver
	Fornito con sorgente luminosa, con alimentatore - Supplied with lighting source, with built-in driver
	Potenza max lampada - Max lamp watt
	Voltaggio nominale di alimentazione - Nominal supply voltage
	Temperatura di colore - Color temperature
	Lumen (flusso luminoso) - Lumen (luminous flux)
	Rendimento totale apparecchio - System efficiency
	Resa cromatica - Color rendering index
	Tipo di sorgente luminosa - Lighting source type
	Sigla Ilcos - Ilcos classification
	Tipo di attacco - Socket type
	Temperatura di contatto: Ta (temperatura ambiente) = 25°C (per installazioni all'esterno Ta = 15°C) Surface temperature: Ta (ambient temperature) = 25°C (for outdoor installation Ta = 15°C)
	Prezzo in Euro - Price in Euro
	Prezzo a richiesta - Price on request
	Calpestabilità - Walk on
	Carrabilità - Drive on
	Contro l'inquinamento luminoso - Against light pollution
	Anticorrosione per tutti gli apparecchi da esterno (1000 ore in nebbia salina secondo norma CEI EN 60068-2-11) Anti-corrosion for all outdoor fittings (1000 hours in salt spray according to standard CEI EN 60068-2-11)

VALORI DI VITA DEI MODULI LED LIFE VALUE OF LED MODULE

valore "L" definisce la percentuale di flusso luminoso del modulo LED rispetto a quello iniziale in funzione delle ore di funzionamento utili (50000).

valore "B" definisce la quantità in percentuale di moduli LED che sono al di sotto dello specifico valore L ovvero che NON mantengono il flusso dichiarato.

es. **50000 (h) L90 B10** significa che dopo le ore di funzionamento indicate il 10% dei moduli hanno un flusso luminoso inferiore al 90% di quello iniziale.

Value L: it defines the percentage of luminous flux of the LED module with respect of the initial one in function of the operating hours (50000)

Value B: it defines the percentage of LED modules that are below the specific value L, and that don't maintain the declared flux.

I.e. **50000 (h) L90 B10** means that, after the indicated operating hours, 10% of the modules have the luminous flux lower than 90% of the beginning one.

GRUPPI DI RISCHIO - RISK GROUPS



L'illuminazione a LED è classificata secondo la norma IEC/TR 62778.

Gli apparecchi SIDE rientrano nella categoria "Exempt Group" (assenza di pericoli legati all'infrarosso, alla luce blu e alla radiazione UV) garantendo il rispetto dei requisiti di sicurezza imposti dalla norma stessa (gruppo di rischio 0-1).











The LED lighting is classified according to the IEC/TR 62778 standard.

SIDE appliances belong to the category of "Exempt Group" (absence of dangers of infrared, blue light and UV radiation) ensuring the compliance with the safety regulations imposed by the above specification (risk group 0-1).








0 ESENTE nessun rischio fotobiologico.
FREE no photobiological risk.

1 RISCHIO BASSO nessun rischio fotobiologico nelle normali condizioni di impiego.
LOW RISK no photobiological hazard under normal conditions of use.

2 RISCHIO MODERATO non presenta rischio in condizioni di riflesso naturale di avversione alla luce o effetti termici.
MODERATE RISK it has no risk in case of natural reflex, light aversion or thermic effects.

	Rotazione asse verticale - Vertical axis rotation
	Rotazione-movimento asse orizzontale - Horizontal axis rotation-adjustability
	Orientamento - Orientation
	Dimensioni fori d'incasso in mm. - Cut-out dimensions in mm.
	Distanza minima tra lampada e oggetto illuminato Minimum distance between lamp and lightened object
	Spessore del controsoffitto - Thickness of false-ceiling
... (h) L.. B..	Valori di vita dei moduli Led - Life value of Led module
SDCM	Deviazione standard della corrispondenza colore - Standard deviation of colour matching
	Cavo di alimentazione per collegamento elettrico - Power cable for electrical connection
	Gruppo di rischio fotobiologico - (rischio esente) - Photobiological risks group (risk free)
	Flicker free: Effetto di flickering minore o uguale al 3% - Flickering less or equal 3%
	Tecnologia per alimenti - Food technology
	Valore UGR con interdistanza di default 0,25 (tabelle CIE dell'indice unificato di abbagliamento) UGR value with default inter distance 0.25 [dazzle unified index CIE tables]
	Apparecchi non idonei ad essere ricoperti da materiale termicamente isolante Luminaires not suitable for covering with thermally insulating material
	Peso lordo - Gross weight
	Ampiezza fascio luminoso - Light beam wide
	Apparecchio in Classe I con terminale di messa a terra - Class I luminaire with earth terminal block
	Apparecchio in Classe II - Class II luminaire
	Apparecchio in Classe III - Class III luminaire
	Apparecchio che può essere installato su superfici infiammabili - Luminaire which can be mounted on inflammable surfaces
	Accenditore esterno - External ignitor
	Attenzione apparecchi sensibili alla elettrostaticità - Attention when handling led electrostatic sensitive devices
	Polipropilene - Polypropylene
	Filo incandescente a 850° C - Glowing wire 850° C
ACC.	Accessorio - Accessory
OP.	Opzionale - Optional
Se	Solo emergenza - Emergency only
Sa	Sempre acceso - Always on
	Equipaggiato con alimentazione di emergenza - Emergency equipped
	Alimentatore elettronico - Electronic driver
	Alimentatore dimmerabile - Dimmable driver
	Alimentatore elettromeccanico - Electromechanical driver
	Alimentatore protetto termicamente (max 100°C) - Thermal protected driver (max 100°C)
	Alimentatore installabile su mobili con caratteristiche d'infiammabilità non conosciute - Ballast can be installed on furniture with features of flash unknow
	Alimentatore indipendente installabile senza copertura aggiuntiva - Independent ballast can be installed without additional coverage
	Alimentatore protetto contro corti circuiti - Driver protected against short circuit
	Marchi di qualità - Quality marks
CE	Conformità con le seguenti leggi - Conformity with the following norms: CE 89/336 - CEE 93/68- 73/23 CEE
	Adatto per installazioni in acqua fino a 3 m. di profondità Suitable for underwater applications max depth 3 m.

COLORI SORGENTI LUMINOSE LED - LED LIGHTING SOURCE COLORS

	LBI	Bianco freddo - Cool white (6000K)
	LBC	Bianco caldo - Warm white (3000K)
	LBN	Bianco neutro - Neutral white (4000K)
	RGB	Multicolore - Multicolor
	LBL	Blu - Blue
	VT	Vetro trasparente - Transparent Glass
	VS	Vetro Sabbiato - Frosted Glass



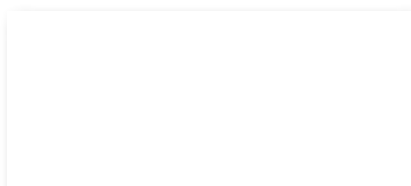
PERSONALIZZAZIONE - CUSTOMIZATION



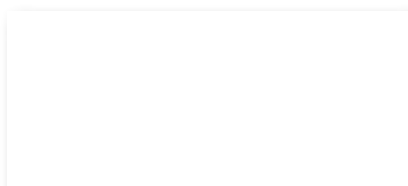
SIDE realizza le proprie linee di prodotto con 3 colorazioni standard: bianco, nero e grigio. Oltre a questi colori è possibile personalizzare i nostri prodotti con colorazioni dedicate in base alle diverse esigenze estetiche e progettuali. Grazie ai nostri processi di verniciatura con polveri epossidiche, siamo in grado di offrire una gamma colore che comprende tutti i codici della tabella RAL con una semplice richiesta scritta. SIDE, produce anche binari elettrificati verniciabili con i medesimi codici RAL.

SIDE realizes its lines of products in 3 standard colors: white, black and grey. Beside these colors, it is possible to customize our products according to the esthetical and design requests. Thanks to our painting processes with epoxy powders, we can offer a range of colors that includes all the codes of the RAL table, with a simple written request. SIDE produces also electrified rails that can be painted with the same RAL codes.

COLORI DI FINITURA - FINISHING COLOURS



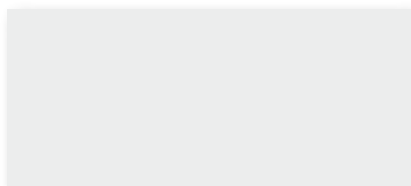
Br
RAL9010
Bianco raggrinzante - Rought white



Bi
RAL9010
Bianco - White



Ne
RAL 9005
Nero - Black



Ga-Gr
RAL 9006
Grigio raggrinzante - Rough grey



GrA
Grigio Antracite - Grey anthracite



Bw
Marrone - Brown
AKZO NOBEL SAP 19805 SW 208G



Cr
Cromato - Chrome



Cm
Cromo - Matt chrome



Al
Alluminio - Aluminium



Als
Alluminio satinato - Satin aluminium



Inox
Acciaio Inox - Stainless steel Inox



Corten
Ruggine - Rusty
AKZO NOBEL YX355F

FINITURE SPECIALI - SPECIAL FINISHINGS



DEC-BR508-MA005
Pietra/Granito - Stone/Granite



DEC-BR510-LE029
Olmo - Elm



DEC-BR506-LE039
Mogano - Mahogany



DEC-BR569-LE042
Pino - Pine



DEC-BR546-LE041
Rovere - Oak

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Art. 1. Prodotti

1.1 SIDE S.p.A. si riserva la facoltà di apportare, in qualunque momento e senza preavviso, modifiche nella costruzione degli apparecchi luminosi e degli accessori.

Art. 2. Dichiarazioni dell'acquirente

2.1 Ai fini di quanto previsto dall'art. 25 della Legge 06-02-1996 n° 52 di recepimento della direttiva CE n° 93-1993, relativa alle clausole vessatorie, l'acquirente dichiara che provvederà all'acquisto dei prodotti di SIDE S.p.A. agendo esclusivamente per fini che rientrano nella sua specifica attività professionale imprenditoriale e quindi dichiara di essere a conoscenza dei prodotti, servizi e prezzi offerti al momento della consegna.

Art. 3. Consegna

3.1 Il termine di consegna fissato convenzionalmente è soltanto indicativo e decorre, dall'invio da parte di SIDE S.p.A., della conferma d'ordine a condizione che l'acquirente abbia fornito tutti i dati tecnici e tutti i documenti necessari, abbia adempiuto a tutte le obbligazioni contrattuali ed abbia versato l'acconto eventualmente richiesto. La consegna, così come previsto dall'art. 13.1, si intende effettuata alla data di partenza franco spedizioniere.

3.2 SIDE S.p.A. produce e fornisce i prodotti su commessa senza vincolo di osservanza di termini di consegna tassativi. I termini di consegna pattuiti al momento degli ordini hanno valore puramente indicativo e gli eventuali ritardi non danno all'acquirente il diritto di chiedere l'annullamento, la rescissione o la risoluzione del contratto, né di rifiutare la merce, né di reclamare il risarcimento dei danni, salva preventiva diffida ad adempiere ai sensi e per gli effetti dell'art. 1454 c.c.

3.3 SIDE S.p.A. è liberata da ogni impegno e responsabilità relativo al termine di consegna e si riserva di risolvere il contratto, senza riconoscere danno alcuno, indennizzo, risarcimento all'acquirente, in caso di forza maggiore e di eventi al di fuori del ragionevole controllo di SIDE S.p.A. quali, a mero titolo esemplificativo e non esaustivo, lockout, epidemie, guerre, requisizioni, fuoco, incendi alle attrezzature, atti di nemici pubblici, sabotaggio, tumulti o sommosse civili, scioperi, serrate, controversie di lavoro, riduzione e/o interruzione totale o parziale dell'attività di SIDE S.p.A., embarghi o ritardi nei trasporti, mancanza o carenza di materiali, di fornitori o equipaggiamenti, inadempienze di fornitori, atti o regolamenti o provvedimenti di qualsiasi governo, sue branche o agenzie. SIDE S.p.A. informerà l'acquirente dei fatti ed avvenimenti sopra elencati.

Art. 4. Contestazioni

4.1 Il Foro di Monza è esclusivamente competente a decidere qualunque controversia dovesse insorgere tra le parti e in particolare quelle relative alle trattative contrattuali, alla conclusione, esecuzione, interpretazione, o risoluzione di tutti i contratti intervenuti ed alla relativa garanzia.

Art. 5. Esecuzioni speciali

5.1 È possibile ottenere colori fuori standard ed esecuzioni speciali in alcune serie di prodotti. Il prezzo, le quantità minime dei prodotti e i tempi di consegna verranno concordati su richiesta.

Art. 6. Garanzia

6.1 Ogni apparecchio viene garantito integralmente per la durata di 24 mesi con decorrenza dalla data di consegna per tutti i possibili difetti di fabbricazione, di materiale e per tutti i guasti non imputabili al cliente.

6.2 Sono esclusi dalla garanzia tutti i guasti dovuti a cause di forza maggiore (fulmine, incendio, etc.) nonché tutti i danni causati da un uso improprio dell'apparecchiatura. Sono altresì escluse dalla garanzia le batterie e gli accumulatori.

6.3 LA GARANZIA DECADE INDEROGABILMENTE IN CASO DI MANOMISSIONI DEGLI APPARECCHI DA PARTE DI PERSONE O TECNICI NON ESPRESSAMENTE AUTORIZZATI DALLA SIDE S.p.A.

Art. 7. Offerte

7.1 Il prezzo e le caratteristiche dei prodotti menzionati nei cataloghi, prospetti, documenti pubblicitari e le spese non vincolano SIDE S.p.A., la quale si riserva il diritto di apporvi, in qualsiasi momento, delle modifiche. Tutte le offerte si intendono non vincolanti; le condizioni economiche applicabili al rapporto saranno, pertanto, quelle risultanti dai listini di SIDE S.p.A. al momento della conclusione del contratto relativo alla fornitura dei beni all'acquirente.

7.2 Le offerte, gli allegati, i campioni, i disegni tecnici e le descrizioni rimangono di proprietà di SIDE S.p.A., non potranno essere utilizzate dal potenziale acquirente e dovranno essere immediatamente restituite a SIDE S.p.A. in caso di mancata stipulazione del contratto tra le parti e/o di incarico ad un altro soggetto diverso da SIDE S.p.A.

7.3 Poiché le caratteristiche dei prodotti venduti sono in continua evoluzione e perfezionamento, gli stessi sono suscettibili di essere modificati o ritirati dal commercio in qualsiasi momento e senza preavviso.

7.4 Gli agenti o preposti di SIDE S.p.A. non hanno il potere di vincolare quest'ultima, salvo conferma espressa per iscritto.

Art. 8. Ordini

8.1 Gli ordini dell'acquirente devono essere effettuati per iscritto e, se trattasi di persona giuridica, devono essere sottoscritti da persona all'uopo autorizzata ad impegnare la stessa. In ogni caso l'esistenza del potere di rappresentanza del sottoscrittore si presume a favore di SIDE S.p.A.

8.2 Ogni eventuale ordine telefonico dovrà essere confermato per iscritto. In difetto l'ordine si ritiene non pervenuto.

8.3 SIDE S.p.A. si riserva, in ogni caso, il diritto di richiedere, al momento dell'ordine da parte dell'acquirente, un acconto oppure il pagamento integrale anticipato della fornitura.

8.4 La conferma d'ordine dovrà essere effettuata per iscritto e dovrà pervenire direttamente a SIDE S.p.A. In ogni caso l'esecuzione dell'ordine da parte di SIDE S.p.A. equivale, ai sensi dell'art. 1327 c.c., ad accettazione.

8.5 L'ordinazione viene assunta SALVO APPROVAZIONE DELLA CASA ed è conferita irrevocabilmente per la durata di mesi uno data ordine (art. 1329 C.C.), nonché con richiesta di esecuzione senza preventiva risposta (art. 1327 C.C.).

8.6 Le ordinazioni dei nostri prodotti si intendono sempre accettate ai prezzi ed alle condizioni di vendita in vigore all'epoca della consegna della merce. A fronte di eventuale variazioni di listino e quindi di prezzi e condizioni, l'acquirente avrà la facoltà di annullare gli ordini in atto con lettera raccomandata entro 8 giorni dalla nostra comunicazione di variazioni.

8.7 Le ordinazioni, anche se raccolte tramite il nostro personale di vendita, si intendono subordinate alla accettazione di SIDE S.p.A., che può essere anche parziale.

Art. 9. Pagamento

9.1 Il pagamento deve essere effettuato entro il termine convenuto nel modo e col mezzo indicato nell'ordine e al domicilio del venditore (SIDE S.p.A.) e ciò anche nei casi di ritardo nell'arrivo della merce, o di avarie o perdite totali o parziali verificatesi durante il trasporto, nonché nel caso in cui le merci messe a disposizione dell'acquirente mediante consegna allo spedizioniere, non vengano dall'acquirente stesso ritirate.

9.2 La eventuale accettazione, da parte della venditrice, di tratte o di altri effetti di commercio si intenderà avvenuta con la clausola "salvo buon fine".

- 9.3** Sui pagamenti differiti anche cambiari, da SIDE S.p.A. preventivamente accettati, è in ogni caso dovuto l'interesse decorrente dalla data della fattura, secondo il tasso praticato dalle banche sugli scoperti di conto corrente vigente alla data di pagamento.
- 9.4** Eventuali sconti di cassa, nonché abbuoni o premi di qualsiasi natura saranno accordati a condizione che il cliente non abbia pagamenti in sospeso e si intenderanno automaticamente decaduti e revocati in caso di mancato pagamento.
- 9.5** In caso di ritardato pagamento alle scadenze prestabilite, verranno riconosciuti alla Società venditrice SIDE S.p.A. gli interessi bancari correnti PRIME RATE aumentati di 3 punti. L'inadempienza nei pagamenti relativi a più rate, od anche ad una sola che superi l'ottava parte del prezzo, farà decadere il compratore dal beneficio del termine rateale e darà diritto alla venditrice di richiedere subito il residuo saldo del prezzo, oppure di ritenere senz'altro risolto il contratto con restituzione immediata della merce ed acquisizione, a titolo di indennizzo, delle rate pagate, salvo, comunque, il risarcimento dei danni.
- 9.6** Per patto espresso tra le parti, qualunque contestazione fosse sollevata dalla parte acquirente o dovesse comunque sorgere tra le parti, non potrà sospendere l'obbligo dell'acquirente di provvedere al pagamento entro il termine pattuito.
- 9.7** La perdita delle apparecchiature e dei relativi accessori per causa non imputabile a SIDE S.p.A., non libera l'acquirente dall'obbligo del pagamento ancorché la merce non gli sia stata consegnata.

Art. 10. Riserva di proprietà

- 10.1** Le apparecchiature indicate in ordine ed i relativi accessori sono venduti con RISERVA DI PROPRIETA' a favore della venditrice SIDE S.p.A. e, quindi, il compratore ne acquisterà la proprietà soltanto al pagamento dell'ultima rata di prezzo, ma ne assume i rischi al momento della consegna (art. 1523 C.C.).
- 10.2** Qualora per opera di terzi venisse operato per opera di terzi un sequestro o un pignoramento, l'acquirente si impegna a far inserire, nel relativo verbale di esecuzione redatto dal precedente, la dichiarazione che proprietà in virtù di riservato dominio è SIDE S.p.A., e ad informare immediatamente la stessa perché possa agire in sede di opposizione di terzo a rituale rivendica, con diritto di rivalsa per tutte le spese relative.

Art. 11. Prezzi ed oneri fiscali

- 11.1** Sugli ordini verranno applicati i prezzi al pubblico riportati nel "listino prezzi", eventuali condizioni particolari dovranno essere pattuite ed autorizzate dalla SIDE S.p.A. in maniera scritta.
- 11.2** I prezzi applicati sono suscettibili di essere modificati sino alla conferma dell'ordine da parte di SIDE S.p.A. La modifica avviene in relazione alla variazione del rapporto di cambio, dei costi delle materie prime nonché di eventuali tasse o imposte applicabili al contratto.
- 11.3** Il prezzo definitivo, al netto delle tasse e-o imposte è quello riportato sulla conferma d'ordine di SIDE S.p.A. e si intende per merce resa franco spedizioniere.
- 11.4** I prezzi riportati nelle offerte e nel listino di SIDE S.p.A. non sono comprensivi di IVA, del costo di installazione e del costo delle lampadine. Eventuali altri costi, oneri o spese relative agli articoli offerti e non espressamente indicati nell'offerta o nel listino di SIDE S.p.A. sono comunque a carico dell'acquirente richiesti a parte. In relazione alla complessità della fornitura il servizio tecnico-commerciale di SIDE S.p.A. è a disposizione dell'acquirente per la definizione di costi e modalità.
- 11.5** Valgono inoltre le seguenti condizioni:
consegne franco fabbrica per ordini al valore netto inferiore a € 500 per l'Italia;
consegne franco destino per l'Italia per ordini di valore netto superiori a € 500 per l'Italia;
consegne EX-Works per l'estero.
- 11.6** Valore minimo fatturabile: € 150,00.

Art. 12. Reclami

- 12.1** Eventuali reclami per vizi o difetti della merce ci vanno comunicati con lettera raccomandata entro e non oltre 8 giorni dalla scoperta del difetto, sotto pena di decadenza di ogni azione di garanzia.
- 12.2** I prodotti difettosi, sempre che la relativa denuncia sia fatta tempestivamente, possono esserci restituiti, previa autorizzazione scritta, per effettuare le opportune riparazioni o sostituzioni escluso ogni altro nostro onere od obbligo o responsabilità.
- 12.3** Gli eventuali ritorni dovranno essere resi franchi in ogni spesa al nostro stabilimento di Lissone (MI); in ogni caso verrà accreditato un importo pari del valore della merce resa.

Art. 13. Trasporti

- 13.1** La merce viaggia sempre a rischio e pericolo dell'acquirente.
- 13.2** Qualora SIDE S.p.A. provveda a stipulare il contratto di trasporto con il vettore, agirà sempre per conto e con spese a carico dell'acquirente, con le conseguenze di cui all'art. 13.1. In tal caso, il prezzo dei prodotti sarà comprensivo dei costi del trasporto.
- 13.3** SIDE S.p.A. non è tenuta a concludere alcun contratto di assicurazione contro i rischi di trasporto.
- 13.4** In caso di avarie, rotture, furti o manomissioni della merce durante il trasporto o nel caso di ritardi di consegna imputabili allo spedizioniere e-o al vettore, l'acquirente potrà rivalersi nei confronti dello spedizioniere e-o del vettore incaricato, essendo esclusa qualsivoglia responsabilità di SIDE S.p.A. al riguardo.
- 13.5** Il cliente deve accertare peso e condizioni della merce all'atto della consegna.
- 13.6** SIDE S.p.A. si riserva la scelta del mezzo di trasporto, salvo pattuizione scritta contraria.

Art. 14. Vendita

- 14.1** La vendita, compresa la fase delle trattative, è regolata dal diritto italiano.

Art. 15. Conclusioni

- 15.1** Le presenti condizioni generali di vendita sono le sole applicabili nei rapporti tra SIDE S.p.A. e l'acquirente; in particolare è esclusa l'applicazione delle condizioni generali o particolari di contratto dell'acquirente, a meno che SIDE S.p.A. non le abbia accettate per iscritto.
- 15.2** Le parti espressamente dichiarano di escludere la applicazione della Convenzione di Vienna del 11-04-1980 (ratificata dallo Stato italiano con L. 11-12-1985 n° 765) in conformità a quanto previsto dall'art. 6 della stessa.
- 15.3** Per tutto quanto non previsto dalle presenti condizioni si applicano, ai singoli contratti, le norme sui contratti in generale (art. 1321 e ss.) e sul contratto di compravendita in particolare (art. 1470 e ss.) contemplate dal codice civile italiano.

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5514-LBC-EM1	293	5526-LBN-S	301	555212132	212	5557LBN-DIM-S	303
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5602-LBC	304	5617-LBC-DIM	309	5641-LBN	311	57150-LBN-24	227
5602-LBC-DA	304	5617-LBN	309	5641-LBN-DA	311	57150-LBN-40	227
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5602-LBC-EM	304	5617-LBN-DIM	309	5642-LBC-DA	311	57151-LBC-40	227
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5602-LBN-EM	304	5620-LBN	309	5695-MLBC-40	101	57152-LBC-40	227
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5605-LBC-DA	305	5620-LBN-DIM	309	5695-MLBN-40	101	57152-LBN-40	227
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5605-LBC-EM	305	5621-LBC-DA	309	5700-830	47	57165-LBC-30	250
5605-LBN	305	5621-LBC-DIM	309	5700-840	47	57165-LBC-45	250
5605-LBN-DA	305	5621-LBN	309	5702-827	47	57165-LBI-10	250
5605-LBN-DIM	305	5621-LBN-DA	309	5702-830	47	57165-LBI-30	250
5605-LBN-EM	305	5621-LBN-DIM	309	5702-840	47	57165-LBI-45	250
5606-LBC	305	5622-LBC	309	5703-827	47	57165-LBL-10	250
5606-LBC-DA	305	5622-LBC-DA	309	5703-830	47	57165-LBL-30	250
5606-LBC-DIM	305	5622-LBC-DIM	309	5703-840	47	57165-LBL-45	250
5606-LBC-EM	305	5622-LBN	309	57034-FH	360	57166-LBC-10	250
5606-LBN	305	5622-LBN-DA	309	57034-FM	360	57166-LBC-30	250
5606-LBN-DA	305	5622-LBN-DIM	309	57034-FV	360	57166-LBC-45	250
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5606-LBN-EM	305	5625-LBC-DA	310	57034-GDP	360	57166-LBI-30	250
5607-LBC	305	5625-LBN	310	57034-MT	360	57166-LBI-45	250
5607-LBC-DA	305	5625-LBN-DA	310	57035-FH	360	57166-LBL-10	250
5607-LBC-DIM	305	5626-LBC	310	57035-FM	360	57166-LBL-30	250
5607-LBC-EM	305	5626-LBC-DA	310	57035-FV	360	57166-LBL-45	250
5607-LBN	305	5626-LBN	310	57035-GD	360	57167-LBC-10	250
5607-LBN-DA	305	5626-LBN-DA	310	57035-GDP	360	57167-LBC-30	250
5607-LBN-DIM	305	5627-LBC	310	57035-MT	360	57167-LBC-45	250
5607-LBN-EM	305	5627-LBC-DA	310	5704-827	47	57167-LBI-10	250
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5610-LBC-DA	307	5627-LBN-DA	310	5704-840	47	57167-LBI-45	250
5610-LBC-DIM	307	5630-LBC	310	57055-LBC	89	57167-LBL-10	250
5610-LBN	307	5630-LBC-DA	310	57055-LBC-DA	89	57167-LBL-30	250
5610-LBN-DA	307	5630-LBN	310	57055-LBN	89	57167-LBL-45	250
5610-LBN-DIM	307	5630-LBN-DA	310	57055-LBN-DA	89	57168-LBC-10	250
5611-LBC	307	5631-LBC	310	57056-LBC	89	57168-LBC-30	250
5611-LBC-DA	307	5631-LBC-DA	310	57056-LBC-DA	89	57168-LBC-45	250
5611-LBC-DIM	307	5631-LBN	310	57056-LBN	89	57168-LBI-10	250
5611-LBN	307	5631-LBN-DA	310	57056-LBN-DA	89	57168-LBI-30	250
5611-LBN-DA	307	5632-LBC	310	57057-LBC	89	57168-LBI-45	250
5611-LBN-DIM	307	5632-LBC-DA	310	57057-LBC-DA	89	57168-LBL-10	250
5612-LBC	307	5632-LBN	310	57057-LBN	89	57168-LBL-30	250
5612-LBC-DA	307	5632-LBN-DA	310	57057-LBN-DA	89	57168-LBL-45	250
5612-LBC-DIM	307	5635-LBC	311	57058-LBC	89	57169-LBC-10	250
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5615-LBC-DIM	309	5636-LBN	311	57100-FV	361	57169-LBL-10	250
5615-LBN	309	5636-LBN-DA	311	57100-GD	361	57169-LBL-30	250
5615-LBN-DA	309	5637-LBC	311	57100-GDP	361	57169-LBL-45	250
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57174-LBL-45	251	57550R-LBC-60	99	57555LBC60-DA	95	57565-LBC-DA	85
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D2238-LBN-40	265	E1072	544	E1212-LBC	395	E4074-LBC	675
D2238-LBN-40S	271	E1074-LBC	545	E1212-LBI	395	E4074-LBN	675
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D2239-LBC-15S	271	E1075-LBC	545	E1215-LBC	395	E4074AS-LBN	675
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D2239-LBC-40S	271	E1077-LBC	545	E1216-LBI	395	E4075AS-LBN	675
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E4902-LBC-1L	589	E4916-LBN-2L	591	E5360-LBC-30	610	E5363-MLBI-25	615
E4902-LBC-1LM	588	E4917-LBC-2L	591	E5360-LBC-45	610	E5363-MLBI-40	615
E4902-LBC-2L	589	E4917-LBN-2L	591	E5360-LBI-10	610	E5363-MLBN-25	615
E4902-LBC-LM	588	E5191	644	E5360-LBI-30	610	E5363-MLBN-40	615
E4902-LBC-M	588	E5191-2	645	E5360-LBI-45	610	E5363C-LBC-15	613
E4902-LBI-2L	589	E5192	644	E5360-LBL-10	610	E5363C-LBC-24	613
E4902-LBI-LM	588	E5192-2	645	E5360-LBL-10	610	E5363C-LBC-40	613
E4902-LBN	589	E5193	644	E5360-LBL-30	610	E5363C-LBN-15	613
E4902-LBN-1L	589	E5193-2	645	E5360-LBL-30	610	E5363C-LBN-24	613
E4902-LBN-1LM	588	E5195	644	E5360-LBL-45	610	E5363C-LBN-40	613

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E5364-LBC-10	613	E5366C-LBN-24	628	E5375-LBN-40	609	E5420-LBC	577
E5364-LBC-30	613	E5366C-LBN-40	628	E5375-LBN-60	609	E5420-LBC-EM	577
E5364-LBC-45	613	E5367-LBC-10	628	E5376-LBC-40	609	E5420-LBI	577
E5364-LBI-10	613	E5367-LBC-30	628	E5376-LBC-60	609	E5420-LBN	577
E5364-LBI-30	613	E5367-LBC-45	628	E5376-LBN-40	609	E5420-LBN-EM	577
E5364-LBI-45	613	E5367-LBI-10	628	E5376-LBN-60	609	E5421-LBC	577
E5364-LBL-10	613	E5367-LBI-30	628	E5377-LBC-40	609	E5421-LBC-EM	577
E5364-LBL-30	613	E5367-LBI-45	628	E5377-LBC-60	609	E5421-LBI	577
E5364-LBL-45	613	E5367-LBL-10	628	E5377-LBN-40	609	E5421-LBN	577
E5364-MLBC-25	615	E5367-LBL-30	628	E5377-LBN-60	609	E5421-LBN-EM	577
E5364-MLBC-40	615	E5367-LBL-45	628	E5385-LBC	583	E5422-LBC	577
E5364-MLBI-25	615	E5367-LBN-10	628	E5385-LBC-EM	583	E5422-LBC-EM	577
E5364-MLBI-40	615	E5367-LBN-30	628	E5385-LBN	583	E5422-LBI	577
E5364-MLBN-25	615	E5367-LBN-45	628	E5385-LBN-EM	583	E5422-LBN	577
E5364-MLBN-40	615	E5367-MLBC-25	629	E5386-LBC	583	E5422-LBN-EM	577
E5364C-LBC-15	613	E5367-MLBC-40	629	E5386-LBC-EM	583	E5430-LBC	577
E5364C-LBC-24	613	E5367-MLBI-25	629	E5386-LBN	583	E5430-LBC-EM	577
E5364C-LBC-40	613	E5367-MLBI-40	629	E5386-LBN-EM	583	E5430-LBI	577
E5364C-LBN-15	613	E5367-MLBN-25	629	E5387-LBC	583	E5430-LBN	577
E5364C-LBN-24	613	E5367-MLBN-40	629	E5387-LBC-EM	583	E5430-LBN-EM	577
E5364C-LBN-40	613	E5367C-LBC-15	628	E5387-LBN	583	E5431-LBC	577
E5365-LBC-10	613	E5367C-LBC-24	628	E5387-LBN-EM	583	E5431-LBC-EM	577
E5365-LBC-30	613	E5367C-LBC-40	628	E5390-LBC	583	E5431-LBI	577
E5365-LBC-45	613	E5367C-LBN-15	628	E5390-LBC-EM	583	E5431-LBN	577
E5365-LBI-10	613	E5367C-LBN-24	628	E5390-LBN	583	E5431-LBN-EM	577
E5365-LBI-30	613	E5367C-LBN-40	628	E5390-LBN-EM	583	E5432-LBC	577
E5365-LBI-45	613	E5368-LBC-10	628	E5391-LBC	583	E5432-LBC-EM	577
E5365-LBL-10	613	E5368-LBC-30	628	E5391-LBC-EM	583	E5432-LBI	577
E5365-LBL-30	613	E5368-LBC-45	628	E5391-LBN	583	E5432-LBN	577
E5365-LBL-45	613	E5368-LBI-10	628	E5391-LBN-EM	583	E5432-LBN-EM	577
E5365-MLBC-25	615	E5368-LBI-30	628	E5392-LBC	583	E5446-LBC	578
E5365-MLBC-40	615	E5368-LBI-45	628	E5392-LBC-EM	583	E5446-LBC-EM	578
E5365-MLBI-25	615	E5368-LBL-10	628	E5392-LBN	583	E5446-LBI	578
E5365-MLBI-40	615	E5368-LBL-30	628	E5392-LBN-EM	583	E5446-LBI-EM	578
E5365-MLBN-25	615	E5368-LBL-45	628	E5393-LBC	583	E5446-LBN	578
E5365-MLBN-40	615	E5368-LBN-10	628	E5393-LBN	583	E5446-LBN-EM	578
E5365C-LBC-15	613	E5368-LBN-30	628	E5394-LBC	583	E5447-LBC	578
E5365C-LBC-24	613	E5368-LBN-45	628	E5394-LBN	583	E5447-LBC-EM	578
E5365C-LBC-40	613	E5368-MLBC-25	629	E5395-LBC	583	E5447-LBI	578
E5365C-LBN-15	613	E5368-MLBC-40	629	E5395-LBN	583	E5447-LBI-EM	578
E5365C-LBN-24	613	E5368-MLBI-25	629	E5396-LBC	583	E5447-LBN	578
E5365C-LBN-40	613	E5368-MLBI-40	629	E5396-LBN	583	E5447-LBN-EM	578
E5366-LBC-10	628	E5368-MLBN-25	629	E5397-LBC	583	E5448-LBC	578
E5366-LBC-30	628	E5368-MLBN-40	629	E5397-LBN	583	E5448-LBC-EM	578
E5366-LBC-45	628	E5368C-LBC-15	628	E5398-LBC	583	E5448-LBI	578
E5366-LBI-10	628	E5368C-LBC-24	628	E5398-LBN	583	E5448-LBI-EM	578
E5366-LBI-30	628	E5368C-LBC-40	628	E5400-LBC	579	E5448-LBN	578
E5366-LBI-45	628	E5368C-LBN-15	628	E5400-LBC-DA	579	E5448-LBN-EM	578
E5366-LBL-10	628	E5368C-LBN-24	628	E5400-LBC-DIM	579	E5493-LBC-24	613
E5366-LBL-30	628	E5368C-LBN-40	628	E5400-LBN	579	E5493-LBC-40	613
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E5366-LBN-10	628	E5370-LBC-60	609	E5400-LBN-DIM	579	E5493-LBN-40	613
E5366-LBN-30	628	E5370-LBI-30	609	E5401-LBC	579	E5494-LBC-24	613
E5366-LBN-45	628	E5370-LBI-60	609	E5401-LBC-DA	579	E5494-LBC-40	613
E5366-MLBC-25	629	E5371-LBC-30	609	E5401-LBC-DIM	579	E5494-LBN-24	613
E5366-MLBC-40	629	E5371-LBC-60	609	E5401-LBN	579	E5494-LBN-40	613
E5366-MLBI-25	629	E5371-LBI-30	609	E5401-LBN-DA	579	E5495-LBC-24	613
E5366-MLBI-40	629	E5371-LBI-60	609	E5401-LBN-DIM	579	E5495-LBC-40	613
E5366-MLBN-25	629	E5372-LBC-30	609	E5402-LBC	579	E5495-LBN-24	613
E5366-MLBN-40	629	E5372-LBC-60	609	E5402-LBC-DA	579	E5495-LBN-40	613
E5366C-LBC-15	628	E5372-LBI-30	609	E5402-LBC-DIM	579	E5503-LBI	663
E5366C-LBC-24	628	E5372-LBI-60	609	E5402-LBN	579	E5503-LBL	663
E5366C-LBC-40	628	E5375-LBC-40	609	E5402-LBN-DA	579	E5550-LBC	598
E5366C-LBN-15	628	E5375-LBC-60	609	E5402-LBN-DIM	579	E5550-LBC-10	598

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E5550-LBC-30	598	E5552C-LBC-15	598	E5555-MLBC-40	605	E5557-LBC-30	630
E5550-LBI	598	E5552C-LBC-24	598	E5555-MLBI-25	605	E5557-LBC-S	634
E5550-LBI-10	598	E5552C-LBC-40	598	E5555-MLBI-40	605	E5557-LBC10-S	634
E5550-LBI-30	598	E5552C-LBN-15	598	E5555-MLBN-25	605	E5557-LBC30-S	634
E5550-LBN	598	E5552C-LBN-24	598	E5555-MLBN-40	605	E5557-LBI	630
E5550-LBN-10	598	E5552C-LBN-40	598	E5555-RGB-10	605	E5557-LBI-10	630
E5550-LBN-30	598	E5553-LBC	605	E5555-RGB-30	605	E5557-LBI-30	630
E5550-MLBC-25	599	E5553-LBC-10	605	E5555-RGB-45	605	E5557-LBI-S	634
E5550-MLBC-40	599	E5553-LBC-30	605	E5555C-LBC-15	605	E5557-LBI10-S	634
E5550-MLBI-25	599	E5553-LBI	605	E5555C-LBC-24	605	E5557-LBI30-S	634
E5550-MLBI-40	599	E5553-LBI-10	605	E5555C-LBC-40	605	E5557-LBN	630
E5550-MLBN-25	599	E5553-LBI-30	605	E5555C-LBN-15	605	E5557-LBN-10	630
E5550-MLBN-40	599	E5553-LBN	605	E5555C-LBN-24	605	E5557-LBN-30	630
E5550-RGB-10	598	E5553-LBN-10	605	E5555C-LBN-40	605	E5557-LBN-S	634
E5550-RGB-30	598	E5553-LBN-30	605	E5556-LBC	630	E5557-LBN10-S	634
E5550-RGB-45	598	E5553-MLBC-25	605	E5556-LBC-10	630	E5557-LBN30-S	634
E5550C-LBC-15	598	E5553-MLBC-40	605	E5556-LBC-30	630	E5557-MLBC-25	631
E5550C-LBC-24	598	E5553-MLBI-25	605	E5556-LBC-S	634	E5557-MLBC-40	631
E5550C-LBC-40	598	E5553-MLBI-40	605	E5556-LBC10-S	634	E5557-MLBC25S	635
E5550C-LBN-15	598	E5553-MLBN-25	605	E5556-LBC30-S	634	E5557-MLBC40S	635
E5550C-LBN-24	598	E5553-MLBN-40	605	E5556-LBI	630	E5557-MLBI-25	631
E5550C-LBN-40	598	E5553-RGB-10	605	E5556-LBI-10	630	E5557-MLBI-40	631
E5551-LBC	598	E5553-RGB-30	605	E5556-LBI-30	630	E5557-MLBI25S	635
E5551-LBC-10	598	E5553-RGB-45	605	E5556-LBI-S	634	E5557-MLBI40S	635
E5551-LBC-30	598	E5553C-LBC-15	605	E5556-LBI10-S	634	E5557-MLBN-25	631
E5551-LBI	598	E5553C-LBC-24	605	E5556-LBI30-S	634	E5557-MLBN-40	631
E5551-LBI-10	598	E5553C-LBC-40	605	E5556-LBN	630	E5557-MLBN25S	635
E5551-LBI-30	598	E5553C-LBN-15	605	E5556-LBN-10	630	E5557-MLBN40S	635
E5551-LBN	598	E5553C-LBN-24	605	E5556-LBN-30	630	E5557-RGB-10	630
E5551-LBN-10	598	E5553C-LBN-40	605	E5556-LBN-S	634	E5557-RGB-30	630
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E5551-MLBC-25	599	E5554-LBC-10	605	E5556-LBN30-S	634	E5557-RGB10-S	634
E5551-MLBC-40	599	E5554-LBC-30	605	E5556-MLBC-25	631	E5557-RGB30-S	634
E5551-MLBI-25	599	E5554-LBI	605	E5556-MLBC-40	631	E5557-RGB45-S	634
E5551-MLBI-40	599	E5554-LBI-10	605	E5556-MLBC25S	635	E5557C-LBC-15	630
E5551-MLBN-25	599	E5554-LBI-30	605	E5556-MLBC40S	635	E5557C-LBC-15S	634
E5551-MLBN-40	599	E5554-LBN	605	E5556-MLBI-25	631	E5557C-LBC-24	630
E5551-RGB-10	598	E5554-LBN-10	605	E5556-MLBI-40	631	E5557C-LBC-24S	634
E5551-RGB-30	598	E5554-LBN-30	605	E5556-MLBI25S	635	E5557C-LBC-40	630
E5551-RGB-45	598	E5554-MLBC-25	605	E5556-MLBI40S	635	E5557C-LBC-40S	634
E5551C-LBC-15	598	E5554-MLBC-40	605	E5556-MLBN-25	631	E5557C-LBN-15	630
E5551C-LBC-24	598	E5554-MLBI-25	605	E5556-MLBN-40	631	E5557C-LBN-15S	634
E5551C-LBC-40	598	E5554-MLBI-40	605	E5556-MLBN25S	635	E5557C-LBN-24	630
E5551C-LBN-15	598	E5554-MLBN-25	605	E5556-MLBN40S	635	E5557C-LBN-24S	634
E5551C-LBN-24	598	E5554-MLBN-40	605	E5556-RGB-10	630	E5557C-LBN-40	630
E5551C-LBN-40	598	E5554-RGB-10	605	E5556-RGB-30	630	E5557C-LBN-40S	634
E5552-LBC	598	E5554-RGB-30	605	E5556-RGB-45	630	E5558-LBC	630
E5552-LBC-10	598	E5554-RGB-45	605	E5556-RGB10-S	634	E5558-LBC-10	630
E5552-LBC-30	598	E5554C-LBC-15	605	E5556-RGB30-S	634	E5558-LBC-30	630
E5552-LBI	598	E5554C-LBC-24	605	E5556-RGB45-S	634	E5558-LBC-S	634
E5552-LBI-10	598	E5554C-LBC-40	605	E5556C-LBC-15	630	E5558-LBC10-S	634
E5552-LBI-30	598	E5554C-LBN-15	605	E5556C-LBC-15S	634	E5558-LBC30-S	634
E5552-LBN	598	E5554C-LBN-24	605	E5556C-LBC-24	630	E5558-LBI	630
E5552-LBN-10	598	E5554C-LBN-40	605	E5556C-LBC-24S	634	E5558-LBI-10	630
E5552-LBN-30	598	E5555-LBC	605	E5556C-LBC-40	630	E5558-LBI-30	630
E5552-MLBC-25	599	E5555-LBC-10	605	E5556C-LBC-40S	634	E5558-LBI-S	634
E5552-MLBC-40	599	E5555-LBC-30	605	E5556C-LBN-15	630	E5558-LBI10-S	634
E5552-MLBI-25	599	E5555-LBI	605	E5556C-LBN-15S	634	E5558-LBI30-S	634
E5552-MLBI-40	599	E5555-LBI-10	605	E5556C-LBN-24	630	E5558-LBN	630
E5552-MLBN-25	599	E5555-LBI-30	605	E5556C-LBN-24S	634	E5558-LBN-10	630
E5552-MLBN-40	599	E5555-LBN	605	E5556C-LBN-40	630	E5558-LBN-30	630
E5552-RGB-10	598	E5555-LBN-10	605	E5556C-LBN-40S	634	E5558-LBN-S	634
E5552-RGB-30	598	E5555-LBN-30	605	E5557-LBC	630	E5558-LBN10-S	634
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E5558-MLBC-25	631	E5593-LBC-40	606	E5654-LBN-16	628	E5674-LBN	657
E5558-MLBC-40	631	E5593-LBN-16	606	E5654-LBN-24	628	E5675-LBC	657
E5558-MLBC25S	635	E5593-LBN-24	606	E5654-LBN-36	628	E5675-LBI	657
E5558-MLBC40S	635	E5593-LBN-25	606	E5655	665	E5675-LBN	657
E5558-MLBI-25	631	E5593-LBN-36	606	E5655-LBC-16	628	E5676-LBC	665
E5558-MLBI-40	631	E5593-LBN-40	606	E5655-LBC-24	628	E5676-LBN	665
E5558-MLBI25S	635	E5594-LBC-16	606	E5655-LBC-36	628	E5677-LBC	665
E5558-MLBI40S	635	E5594-LBC-24	606	E5655-LBN-16	628	E5677-LBN	665
E5558-MLBN-25	631	E5594-LBC-25	606	E5655-LBN-24	628	E5678-LBC	665
E5558-MLBN-40	631	E5594-LBC-36	606	E5655-LBN-36	628	E5678-LBN	665
E5558-MLBN25S	635	E5594-LBC-40	606	E5656	665	E5679-LBC	665
E5558-MLBN40S	635	E5594-LBN-16	606	E5656-LBC-16	628	E5679-LBN	665
E5558-RGB-10	630	E5594-LBN-24	606	E5656-LBC-24	628	E5680-LBC-24	603
E5558-RGB-30	630	E5594-LBN-25	606	E5656-LBC-36	628	E5680-LBC-40	603
E5558-RGB-45	630	E5594-LBN-36	606	E5656-LBN-16	628	E5680-LBN-24	603
E5558-RGB10-S	634	E5594-LBN-40	606	E5656-LBN-24	628	E5680-LBN-40	603
E5558-RGB30-S	634	E5595-LBC-16	606	E5656-LBN-36	628	E5681-LBC-24	603
E5558-RGB45-S	634	E5595-LBC-24	606	E5657	665	E5681-LBC-40	603
E5558C-LBC-15	630	E5595-LBC-25	606	E5658	665	E5681-LBN-24	603
E5558C-LBC-15S	634	E5595-LBC-36	606	E5659	665	E5681-LBN-40	603
E5558C-LBC-24	630	E5595-LBC-40	606	E5660-LBC	655	E5682-LBC-24	603
E5558C-LBC-24S	634	E5595-LBN-16	606	E5660-LBI	655	E5682-LBC-40	603
E5558C-LBC-40	630	E5595-LBN-24	606	E5660-LBN	655	E5682-LBN-24	603
E5558C-LBC-40S	634	E5595-LBN-25	606	E5661-LBC	655	E5682-LBN-40	603
E5558C-LBN-15	630	E5595-LBN-36	606	E5661-LBI	655	E5683-LBC-16	607
E5558C-LBN-15S	634	E5595-LBN-40	606	E5661-LBN	655	E5683-LBC-24	607
E5558C-LBN-24	630	E5596-LBC-24	632	E5662-LBC	655	E5683-LBC-25	607
E5558C-LBN-24S	634	E5596-LBC-24S	636	E5662-LBI	655	E5683-LBC-36	607
E5558C-LBN-40	630	E5596-LBC-40	632	E5662-LBN	655	E5683-LBC-40	607
E5558C-LBN-40S	634	E5596-LBC-40S	636	E5663-LBC	655	E5683-LBN-16	607
E5590-LBC-16	601	E5596-LBN-24	632	E5663-LBI	655	E5683-LBN-24	607
E5590-LBC-24	601	E5596-LBN-24S	636	E5663-LBN	655	E5683-LBN-25	607
E5590-LBC-25	601	E5596-LBN-40	632	E5664-LBC	655	E5683-LBN-36	607
E5590-LBC-36	601	E5596-LBN-40S	636	E5664-LBI	655	E5683-LBN-40	607
E5590-LBC-40	601	E5597-LBC-24	632	E5664-LBN	655	E5684-LBC-16	607
E5590-LBN-16	601	E5597-LBC-24S	636	E5665-LBC	655	E5684-LBC-24	607
E5590-LBN-24	601	E5597-LBC-40	632	E5665-LBI	655	E5684-LBC-25	607
E5590-LBN-25	601	E5597-LBC-40S	636	E5665-LBN	655	E5684-LBC-36	607
E5590-LBN-36	601	E5597-LBN-24	632	E5666-LBC	655	E5684-LBC-40	607
E5590-LBN-40	601	E5597-LBN-24S	636	E5666-LBI	655	E5684-LBN-16	607
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E8140F-LBN-10	434	E8184C-LBC-15	533	E8253C-LBN-40	493	E8340-LBN-S	464
E8140F-LBN-30	434	E8184C-LBC-24	442	E8254-RGB	495	E8340-LBN-SD	464
E8140F-LBN-45	434	E8184C-LBC-24	533	E8261	493	E8340-LBN-WF	464
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E8141-LBN-45	418	E8185-I-LBN45	423	E8267TVLBN-24	469	E8345-LBN-S	465
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E8346-LBC-FL	464	E8384CTV-BN40	467	E8404-LBN	653	E8541-LBC-EM	575
E8346-LBC-FLD	464	E8390	439	E8405-LBC	653	E8541-LBI	575
E8346-LBC-S	464	E8390-I	420	E8405-LBI	653	E8541-LBI-EM	575
E8346-LBC-SD	464	E8390-Q	441	E8405-LBN	653	E8541-LBN	575
E8346-LBC-WF	464	E8390-Q-I	420	E8406-LBC	653	E8541-LBN-EM	575
E8346-LBC-WFD	464	E8390-SM	437	E8406-LBI	653	E8542-LBC	575
E8346-LBN-FL	464	E8391-LBC	439	E8406-LBN	653	E8542-LBC-EM	575
E8346-LBN-FLD	464	E8391-LBC-I	420	E8407-LBC	653	E8542-LBI	575
E8346-LBN-S	464	E8391-LBC-SM	437	E8407-LBI	653	E8542-LBI-EM	575
E8346-LBN-SD	464	E8391-LBC-SMQ	441	E8407-LBN	653	E8542-LBN	575
E8346-LBN-WF	464	E8391-LBI-Q-I	420	E8408-LBC	653	E8542-LBN-EM	575
E8346-LBN-WFD	464	E8391-LBL	439	E8408-LBI	653	E8600-LBC	597
E8346LBC-FLDA	464	E8391-LBL-I	420	E8408-LBN	653	E8600-LBN	597
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E8346LBN-FLDA	464	E8391-LBL-SMQ	441	E8409-LBN	653	E8602-LBC	597
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E8380-LBL-230	451	E8394-LBL-SMQ	441	E8471-LBC	651	E871-M-LBI	411
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E8380TV-LBL23	469	E8394-RGB-SM	437	E8494-LBC-SM	437	E871-MQ-LBC-C	411
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E8384-LBL	451	E8394-VD-LBL	472	E8494-LBN-I	421	E872-M-LBI	411
E8384-LBL35	451	E8394-VD-LBN	472	E8494-LBN-Q-I	421	E872-M-LBL	411
E8384-LBN	451	E8394-VD-LRO	472	E8494-LBN-SM	437	E872-M-Q-LBC	411
E8384-LBN35	451	E8394-VD-RGB	472	E8494-LBN-SMQ	441	E872-M-Q-LBI	411
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E8384-T-LBC35	447	E8395-LBC-SMQ	441	E8495-LBC-I	420	E875-LBC	471
E8384-T-LBL	447	E8395-LBL-SM	437	E8495-LBC-Q-I	420	E875-LBI	471
E8384-T-LBL35	447	E8395-LBL-SMQ	441	E8495-LBC-SM	437	E875-LBN	471
E8384-T-LBN	447	E8395-LBN-SM	437	E8495-LBC-SMQ	441	E8755	642
E8384-T-LBN35	447	E8395-LBN-SMQ	441	E8495-LBI-SMQ	441	E8756	642
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E8384-TV-LBL	469	E8396-LBL	475	E8495-LBL-Q-I	420	E8759	643
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E8384C-LBC-24	450	E8397-LBC	475	E8495-LBL-SMQ	441	E876-LBI	471
E8384C-LBC-40	450	E8397-LBI	475	E8495-LBN	439	E876-LBN	471
E8384C-LBN-15	450	E8397-LBL	475	E8495-LBN-I	420	E8760	643
E8384C-LBN-24	450	E8397-LBN	475	E8495-LBN-Q-I	420	E877-LBC	471
E8384C-LBN-40	450	E8398-LBC	475	E8495-LBN-SM	437	E877-LBI	471
E8384CT-LBC15	445	E8398-LBI	475	E8500-LBC	581	E877-LBN	471
E8384CT-LBC24	445	E8398-LBL	475	E8500-LBN	581	E878-LBC	471
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E8384CT-LBN15	445	E8399-1-LBC	473	E8501-LBN	581	E878-LBN	471
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E8384CTV-BC15	467	E8399-LBC	473	E8540-LBI	575	E880-LBN	531
E8384CTV-BC24	467	E8399-LBL	473	E8540-LBI-EM	575	E8800-LBC	595
E8384CTV-BC40	467	E8399-LBN	473	E8540-LBN	575	E8800-LBN	595
E8384CTV-BN15	467	E8404-LBC	653	E8540-LBN-EM	575	E8801-LBC	595
E8384CTV-BN24	467	E8404-LBI	653	E8541-LBC	575	E8801-LBN	595

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E8802-LBC	595	E886-G-RGB	407	E8925-LBC	485	E8951-LBN-18	487
E8802-LBN	595	E886-GQ-LBC-C	408	E8925-LBN	485	E8951-P-LBC	561
E8805-LBC	595	E886-GQ-LBN-C	408	E893-LBC	396	E8951-P-LBC18	563
E8805-LBN	595	E886-M-LBC	407	E893-LBI	396	E8951-P-LBN	561
E8806-LBC	595	E886-M-LBC-C	408	E893-LBL	396	E8951-P-LBN18	563
E8806-LBN	595	E886-M-LBI	407	E893-M-LBC	397	E8951-PS-LBC	559
E8807-LBC	595	E886-M-LBL	407	E893-M-LBI	397	E8951-PS-LBN	559
E8807-LBN	595	E886-M-LBN-C	408	E893-M-LBL	397	E8951AS-LBC18	489
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E881-G-LBI-68	405	E886-M-Q-LBI	407	E893-MQ-LBI	397	E8951AS-LBN18	489
E881-G-LBN-68	405	E886-M-Q-LBL	407	E893-MQ-LBL	397	E8951PS-LBC18	562
E881-GQ-LBC68	405	E886-M-Q-RGB	407	E8930-LBC	485	E8951PS-LBN18	562
E881-GQ-LBI68	405	E886-M-RGB	407	E8930-LBN	485	E8956-LBC	483
E881-GQ-LBN68	405	E886-MQ-LBC-C	408	E8930-P-LBC	561	E8956-LBC-18	487
E881-M-LBC-68	405	E886-MQ-LBN-C	408	E8930-P-LBN	561	E8956-LBN	483
E881-M-LBI-68	405	E887-N-LBC	433	E8930-PS-LBC	559	E8956-LBN-18	487
E881-M-LBN-68	405	E887-N-LBI	433	E8930-PS-LBN	559	E8956AS-LBC18	489
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E8820-LBN	625	E888-G-Q-LBL	409	E8941-LBC	483	E8957-P-LBC	561
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E8822-LBN	625	E888-M-Q-LBC	409	E8941-P-LBC	561	E8957-PS-LBC	559
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E8831-LBN	625	E889-M-LBC	409	E8941AS-LBI-6	489	E8958-LBN	483
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E8832-LBN	625	E889-M-LBL	409	E8942-LBC	483	E8958-P-LBC	561
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E885-G-LBI	407	E889-M-Q-LBI	409	E8942-LBN	483	E8958-P-LBN	561
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E885-M-Q-LBL	407	E8910-P-LBC	561	E8943AS-LBN-30	489	E897-G-LBN	403
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E900-G-LBC	399	E9053-LBC	478	E909NEQ-LBI-V	513	E951NE-L-LBC	515
E900-G-LBI	399	E9053-LBI	478	E909NEQ-LBL-V	513	E951NE-L-LBI	515
E900-G-LBN	399	E9053-LBL	478	E909NEQ-LBN-V	513	E951NE-L-LBL	515
E900-M-LBC	399	E9053-P-LBC	557	E911-LBC	517	E951NE-L-LBN	515
E900-M-LBI	399	E9053-P-LBI	557	E911-LBI	517	E951NE-Q-LBC	513
E900-M-LBN	399	E9053-P-LBL	557	E911-LBL	517	E951NE-Q-LBI	513
E901-M-LBC	393	E9060-LBC	481	E912-LBC	517	E951NE-Q-LBL	513
E901-M-LBN	393	E9060-LBN	481	E912-LBC	517	E951NE-Q-LBN	513
E902-LBC	538	E9060-P-LBC	558	E912-LBI	517	E951NE-Q-LBN-V	513
E902-LBI	538	E9060-P-LBN	558	E912-LBL	517	E951NEQ-LBC-V	513
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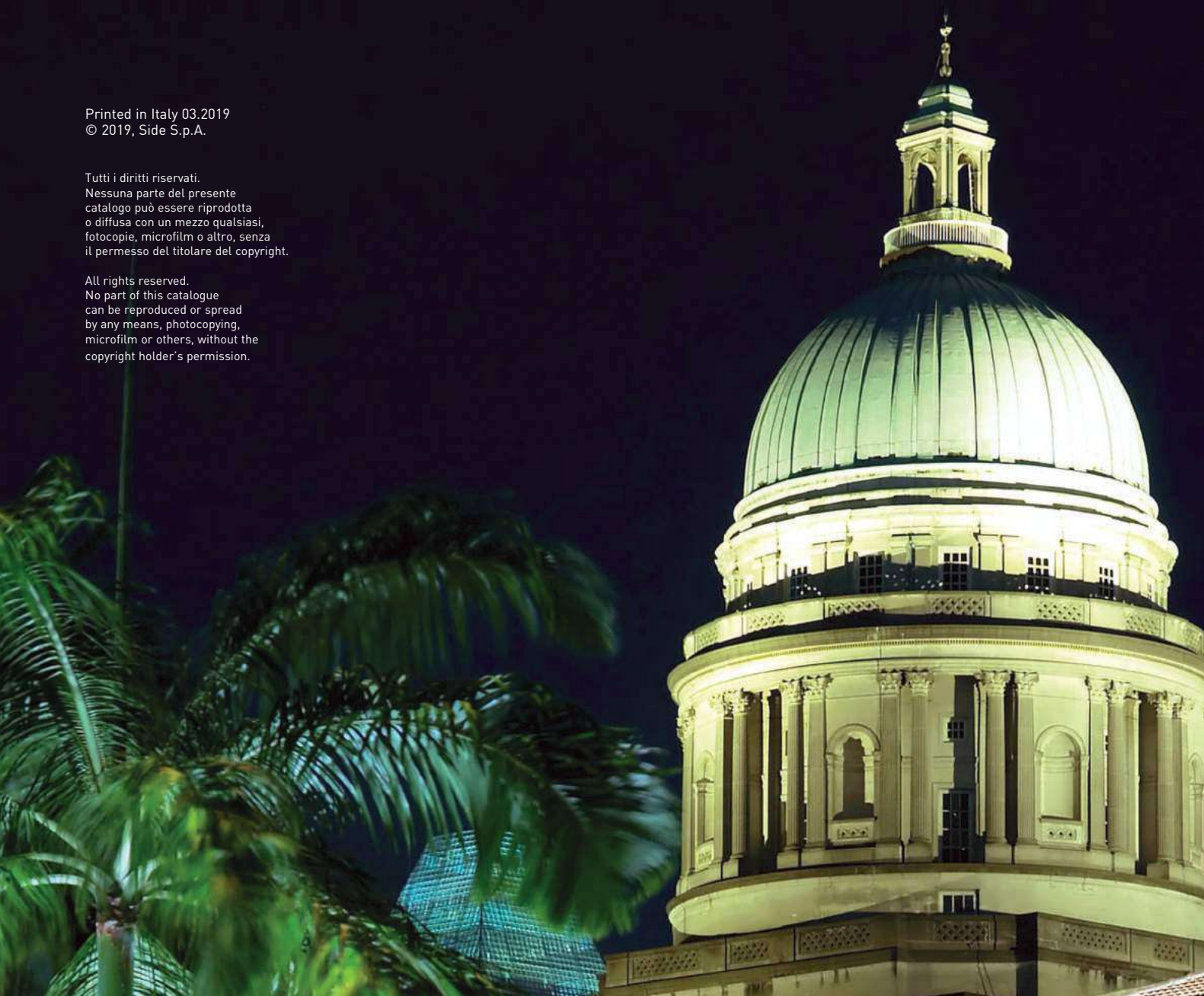
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