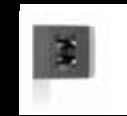






Parete effetti  
Wall effect  
Wandeffekt



PATH  
pag 30



PEYOTE  
pag 38



SMALL LED CUBE  
pag 52



MEDIUM LED CUBE  
pag 62



LEVANTE SMALL  
pag 76



LEVANTE MEDIUM  
pag 92



TRAIL  
pag 114



Carrabile  
Drive over  
Befahrbar



SOL  
pag 280



ZON  
pag 284



DIELL  
pag 290



ZUVA  
pag 292



Bollard  
Systeme auf Masten



FIN XS POLE  
pag 206



FIN POLE  
pag 214



PATH  
pag 30



PATH POLE  
pag 34



PEYOTE  
pag 38



PEYOTE POLE  
pag 46



IB-300  
pag 166



C-300-2  
pag 170



I-300  
pag 170



I-500  
pag 170



IP-500  
pag 170



Y-800-2  
pag 170



LED LITE LINEAR  
pag 120



LED LITE 1  
pag 174



LED LITE 2  
pag 182



LED LITE 3  
pag 188



LED LITE 4  
pag 192



ONE4TWO SMALL  
pag 130



ONE4TWO MEDIUM  
pag 142



STRIP LITE  
pag 196



IB-500  
pag 166



LB-500-1  
pag 162



LB-1000-2  
pag 162



UB-500-2  
pag 162



ONE4TWO SMALL  
pag 136



PORT ESTRAIN  
pag 298



PORT PARADIS  
pag 302



Parete funzionale  
Wall functional  
Wand-funktionell



LEVANTE SMALL  
pag 76



LEVANTE MEDIUM  
pag 92



FIN XS  
pag 200



FIN XS  
pag 200



FIN XS  
pag 210



SMALL LED CUBE  
pag 52



MEDIUM LED CUBE  
pag 62



TRAIL  
pag 112



LED LITE LINEAR  
pag 126



PERLA  
pag 234



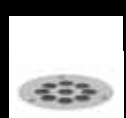
SQUARE LED SMALL  
pag 218



SQUARE LED MEDIUM  
pag 226



CRISTAL LED SMALL  
pag 242



CRISTAL LED MEDIUM  
pag 250



Sospensione  
Suspension  
Aufhängung



ONE4TWO MEDIUM  
pag 154



LIBELLULA  
pag 326



Proiettore  
Projector  
Strahler



LEVANTE SMALL  
pag 80



LEVANTE MEDIUM  
pag 96



SMALL LED CUBE  
pag 52



MEDIUM LED CUBE  
pag 62



LED LITE 1  
pag 174



SET  
pag 330



Downlight



Plafone  
Ceiling  
Decke



TRAIL  
pag 116



SMALL LED CUBE  
pag 58



MEDIUM LED CUBE  
pag 68



PEYOTE  
pag 38



ONE4TWO MEDIUM  
pag 154



PERLA  
pag 234



SQUARE LED SMALL  
pag 222



Pavimento  
Floor  
Boden



SMALL LED CUBE  
pag 58



MEDIUM LED CUBE  
pag 68



Arredo residenziale  
Residential fittings  
Lichtstelen



LEVANTE SMALL  
pag 82



LEVANTE MEDIUM  
pag 98



FLOWER TOWER  
pag 106



IB 2400-3  
pag 166



LB3000-3  
pag 162



ONE4TWO PALO QUADRO H.3 mt.  
pag 150



ONE4TWO PALO CILINDRICO H.4,5 mt.  
pag 150



Calpestabile  
Walk over  
Betretbar



TRAIL  
pag 108



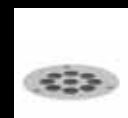
LED LITE LINEAR  
pag 126



PERLA  
pag 240



CRISTAL LED SMALL  
pag 242



CRISTAL LED MEDIUM  
pag 250



LUNA  
pag 270



PAIKE  
pag 258



ONLY ONE  
pag 262



TAPIS LUMIERE  
pag 274

**Gradi di protezione IP IP protection level IP schutz-grad**

Per garantire la sicurezza d'esercizio gli apparecchi di illuminazione devono essere protetti contro la penetrazione di corpi solidi, polvere e liquidi.

La norma EN 60598 stabilisce i tipi di protezione per gli apparecchi di illuminazione.

*In order to grant a safe functioning, lighting fittings must be protected against penetration of solid bodies, dust and liquids. Norm EN60598 establishes protection types for lighting fittings.*

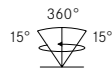
Zwecks ein sicheres Arbeiten, Befestigungen beleuchtend zu bewilligen muß gegen Durchgriff der Festkörper, des Staubes und der Flüssigkeiten geschützt werden. Norm EN60598 stellt Schutzarten für Beleuchtungbefestigungen her.



Resistenza meccanica  
*Mechanical resistance*  
Bruchsicher



Cool touch



Rotazione delle ottiche  
*Revolving optics*  
Rotation der Optik

**I**

Apparecchi in classe  
1ª con morsetto o terminale di terra  
*Class 1<sup>st</sup> luminaire with ground terminal block*  
Leuchte mit Erde Anschlußklemme

**II**

Apparecchi in classe 2ª  
*Class 2<sup>nd</sup> luminaire*  
Klass II Leuchte

**III**

Apparecchi in classe 3ª  
*Class 3<sup>rd</sup> luminaire*  
Klass III Leuchte



Apparecchio idoneo al montaggio  
su superfici normalmente infiammabili  
*Luminaire which can be mounted  
on normally inflammable surfaces*  
Leuchte die auf Oberflächen mortiert  
werden kann

**1ª cifra: protezione contro****la penetrazione di corpi solidi****1<sup>st</sup> numeral: protection****against penetration of solid objects****1erste kennzeichen: schutz gegen  
festkörper**

- 0 Non protetto  
*No protected*  
Kein Schutz
- 1 Protetto da corpi solidi superiori a 50 mm  
*Protected against solid objects greater than 50 mm*  
Schutz gegen Festkörper größen als 50 mm
- 2 Protetto da corpi solidi superiori a 12 mm  
*Protected against solid objects greater than 12 mm*  
Schutz gegen Festkörper größen als 12 mm
- 3 A prova di penetrazione di sonda con Ø 2.5 mm  
*Protected against solid objects with Ø 2.5 mm*  
Schutz gegen Festkörper mit Ø 2.5 mm
- 4 A prova di penetrazione di sonda con Ø 1 mm  
*Protected against solid objects with Ø 1 mm*  
Schutz gegen Festkörper mit Ø 1 mm
- 5 Protetto contro la polvere  
*Dust-protected*  
Staubgeschützt
- 6 Stagno alla polvere  
*Dust-tight*  
Staubdicht

**2ª cifra: protezione contro****la penetrazione di corpi liquidi****2<sup>st</sup> numeral: protection****against penetration of water****2 kennzeichen: schutz gegen wasser**

- 0 Non protetto  
*No protected*  
Kein Schutz
- 1 Protetto contro la caduta di gocce d'acqua  
*Protected against dripping water*  
Schutz gegen senkrechtfallendes Tropwasser
- 2 Protetto contro la caduta di gocce d'acqua con involucro inclinato max di 15°  
*Protected against dripping water when tilted up to 15°*  
Schutz gegen senkrechtfallendes (15°) Tropwasser
- 3 Protetto contro la pioggia  
*Protected against spraying water*  
Schutz gegen Regenwasser
- 4 Protetto contro spruzzi d'acqua  
*Protected against splashing*  
Schutz gegen Spritzwasser aus allen Richtungen
- 5 Protetto contro i getti d'acqua  
*Protected against water jets*  
Schutz gegen Strahlwasser aus allen Richtungen
- 6 Protetto contro le onde  
*Protected against heavy seas*  
Schutz bei Überflutung
- 7 Stagno all'immersione  
*Protected against the effects of immersion*  
Schutz gegen Eindringen von Wasser
- 8 Stagno alla sommersione  
*Submersion*  
Schutz bei Untertauchen

**SIGLE  
ABBREVIATION  
ABKÜRZUNG****NC**

Senza cablaggio e lampada  
*Without wiring and lamp*  
Unverdrahtet ohne Leuchtmittel

**CR**

Cablato e rifasato  
*Wired and power corrected*  
Verdrahtet und geerdet

**CRL**

Cablato, rifasato, con lampada  
*Wired, power corrected, with lamp*  
Verdrahtet, geerdet mit Leuchtmittel

**CL**

Completo di lampada  
*With lamp*  
Mit leuchtmittel

**FIVEP S.P.A.**

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Fax +33 1 48605711  
cariboni.lite@cariboni.fr

**T.I.L.C.**

(Tunisian Italian Lighting  
Company Sarl)  
Z.I. Le Kram  
2015 Tunis - Tunisie  
Tel +216 71979501  
Fax +216 71979548  
tilc@tilc.com.tn

I dati qui pubblicati non sono impegnativi. La Cariboni Lite in favore di un costante perfezionamento dei propri prodotti, si riserva di apportare senza preavviso le opportune modifiche.  
*All specifications here printed aren't binding. In order to constantly improve its production, Cariboni Lite reserves itself the right to modify products without notice.*  
Alle Angaben sind nicht verbindlich. Für eine dauernde Verbesserung eigener Produkte, behält sich Cariboni Lite vor Aenderungen ohne Vorankündigung durchzuführen.



Il marchio CSQ/IQNET è valido in tutto il mondo. Indica che l'azienda ha ottenuto la certificazione aziendale del Sistema di Qualità in conformità alla norma UNI EN ISO 9001:2000.  
*CSQ/IQNET mark is valid all over the world. It means that Company achieved business certification of Quality System in conformity with UNI EN ISO 9001:2000 norm.*  
 Das Prüfzeichen CSQ/IQNET gilt auf der ganzen Welt. Es weist darauf hin, daß die Firma eine Firmenzertifizierung des Qualitätssicherungssystems in Konformität mit der UNI EN ISO 9001 Richtlinie erhalten hat.



Associazione Nazionale produttori illuminazione.  
*ASSIL: National Association Lighting Manufacturer.*  
 Nationale Vereinigung der Leuchtenhersteller.



Attestato di certificazione da parte di IMQ dei dati fotometrici dichiarati.  
*Certification issued by IMQ concerning declared photometric data.*  
 Zertifizierungsbescheinigung von seiten des IMQ über die angegebenen photometrischen Daten.



L'Azienda è sponsor dell'Associazione Italiana di Illuminazione.  
*Sponsor Company of Italian Lighting Association.*  
 Firmensponsor der Italienische Vereinigung für Beleuchtung.



Certificazione di conformità europea. Sostituisce tutte le omologazioni normative nazionali in base alla norma europea EN 60598.  
*European conformity declaration. It substitutes any national norm approval, as per European norm EN 60598.*  
 ENEC 03: Europäische Konformitätszertifizierung. Ersetzt alle national maßgeblichen Homologationen auf Basis der europäische EN 60598 Richtlinie.



L'Azienda è sponsor dell'Associazione Europea dei Lighting Designers.  
*Sponsor Company of European Association of Lighting Designers.*  
 Firmensponsor der europäischen Vereinigung der Lighting Designers.



Omologazione normativa nazionale rilasciata da IMQ agli apparecchi conformi alle norme europee EN 60598.  
*National norm approval issued by IMQ for fixtures which comply with European norm EN 60598.*  
 Vom IMQ herausgegebene, national maßgebliche Homologation für Geräte, die konform zu den europäischen EN 60598 Richtlinien sind.



L'Azienda è sponsor dell'Associazione francese dei designer della luce e dell'illuminazione.  
*Sponsor Company of French Lighting designer's Association.*  
 Firmensponsor der Lichtassoziation von den Verfassern und Beleuchtungssystem.



IDA certificazione rilasciata dall'International Dark-Sky Association agli apparecchi valutati anti inquinamento luminoso.  
*IDA: certification issued by the International Dark-Sky Association for those fixture swich are esteemed as "anti-lighting pollution".*  
 IDA: von der Vereinigung der International Dark-Sky Association vergebene Zertifizierung für Geräte, die als nicht lichtverschmutzend eingestuft werden.



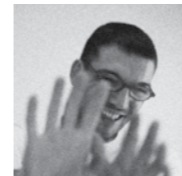
Consorzio per la raccolta e lo smaltimento delle apparecchiature di illuminazione.  
*Consortium for collection and waste of lighting system equipments.*  
 Vereinigung für Ansammlung und Vergeudung der Beleuchtungssystemausrüstungen.



UAI certificazione rilasciata dall'Associazione Unione Astrofili Italiani agli apparecchi valutati anti-inquinamento luminoso.  
*UAI: certification issued by the Italian Astronomy Lovers Union association for those fixtures which are esteemed as "anti-lighting-pollution".*  
 UAI: von der Vereinigung der italienischen Astrophilen vergebene Zertifizierung für Geräte, die als nicht lichtverschmutzend eingestuft werden.



Rispondente leggi inquinamento luminoso.  
*In accordance with the laws concerning lighting pollution.*  
 Nach Anforderungen der Lichtverseuchung.



Giovanni Casellato



Silvio De Ponte



Roberta Dimitri



Ruggero Guanella



Francesco Iannone



François Migeon



Marco Montani



Margherita Süß



Serena Tellini

**I NOSTRI DESIGNER  
 OUR DESIGNERS  
 UNSERE DESIGNER**



**I certificati The certificates Die zertifikate**

La sede di Osnago adotta un sistema di gestione per la qualità secondo norma UNI EN ISO 9001:2000 al fine di accrescere la soddisfazione del cliente. Certificato CSQ 9130.CAIL Certificato IQNET IT-35272.

*The Osnago headquarter adopts a quality management system in conformity with the UNI EN ISO 9001:2000 norms, in order to increase the customer's satisfaction. CSQ quality certificate: 9130.CAIL IQNET quality certificate: IT-35272.*

Um das Maß der Zufriedenstellung des Kundens zu vergrößern verwendet die Niederlassung in Osnago ein Qualitätssystem nach der Norm UNI EN ISO 9001:2000. Zertifikat CSQ 9130.CAIL Zertifikat IQNET IT-35272

Campo di applicazione  
Application field  
Anwendungsbereich

Famiglia di prodotto e numero di pagina  
Product family and page number  
Produktfamilie und Seite

Campi di applicazione  
Application fields  
Anwendungsbereiche

Disegno quotato (mm)  
Technical dimensional drawing (mm)  
Technisches Zeichnen der Leuchte mit Ausmaße (mm)

Famiglia di prodotto  
Product family  
Produktfamilie

Omologazioni e caratteristiche tecniche  
Homologations and technical features  
Typprüfungen und technische Eigenschaften

**Accessori Accessories Zubehör**

- L9 Giunto per palo 1xø60  
L9 Die cast joint for post-top installation 1xØ60mm  
L9 Druckguss Mastverbindungstück für 1xØ60mm Mast  
**06AK952\_0**
- B1 P Braccio parete 1xø60  
B1 P Wall Bracket 1xØ60  
B1 P Wandausleger 1xØ60  
**06AK951\_0**
- I1 Picchetto 1xØ60 Sablé 100 Noir  
I1 Stake for ground installation 1xØ60mm, Sablé 100 Noir  
I1 Pflock für Bodeninstallation 1xØ60, Sablé 100 Noir  
**06AK953C0**

Model	LED	Power	Beam Angle	Beam Diameter (m)	Beam Height (m)	Beam Area (m²)	Beam Illuminance (lx)
06LV1B0007_	10	20W	2250	4000K	10	0,21	17487
06LV1B6007_	16	30W	3590	4000K	10	0,42	4372
06LV1C0007_	20	40W	4490	4000K	10	0,64	1743
06LV1B6097_	16	30W	2770	3000K	10	0,84	1093
06LV1C0097_	20	40W	3470	3000K	10	1,05	699
06LV1B0004_	10	20W	2250	4000K	10	0,21	34113
06LV1C0004_	20	40W	4490	4000K	10	0,42	8528
06LV1C0094_	20	40W	3470	3000K	10	0,64	3790
06LV1C0094_	20	40W	3470	3000K	10	0,84	2132
06LV1C0094_	20	40W	3470	3000K	10	1,05	1365

Optica stradale codici pag.153 Street Optics codes page 153 Straßenoptik Codes Seite 153

**Per definizione colore nel codice sostituire " \_ " con**  
In order to define the colour of the fitting, replace " \_ " in the codes with  
Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie " \_ " mit

A = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
C = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir  
D = bianco RAL 9003 white RAL 9003 weiß RAL 9003

Foto accessorio  
Photo of the accessories  
Bild der Zubehörteile

Foto prodotto  
Product's photo  
Bild der Leuchte

Installazione  
Installation  
Bodeninstallation

Cono di luce  
Light beam  
Lichtverteilung

Scelta colore  
Color Choice  
Farbauswahl

Codice e descrizione accessorio  
Code and description of the accessories  
Kodenummer und Beschreibung der Zubehörteile

Codice e descrizione prodotto  
Code and description of the products  
Kodenummer und Beschreibung der Leuchte

Dati fotometrici  
Photometrical data  
Photometrische Daten

## L'AZIENDA

CARIBONI GROUP nato nel 1908, leader del settore dell'illuminazione pubblica e della decorazione funzionale urbana, è composto dalle società Cariboni Lite, Fivep Lite e dalle filiali estere Cariboni France, Cariboni Iberica, Cariboni Iluiminação e, dal 2003, la T.I.L.C. in Tunisia.

Cariboni Lite nasce agli inizi degli anni '70 a seguito dell'incorporazione e trasformazione della F.I.R. FABBRICA ITALIANA RIFLETTORI GARIBOLDI.

Un gruppo di lavoro flessibile ed efficiente dotato di una propria struttura di ingegneria per un'azienda che collabora stabilmente con i marchi più prestigiosi dell'industria dell'illuminazione.

L'ormai decennale presenza della Cariboni Lite nel mercato dell'illuminazione ha consentito di sviluppare competenze e know how in grado di posizionare l'azienda tra le società leader nella fornitura di soluzioni illuminotecniche per qualsiasi esigenza. L'ampiezza di gamma di prodotti rivolti all'illuminazione residenziale, architettonica, funzionale consente di offrire un'importante libertà di scelta a tutti quei professionisti che utilizzano la luce artificiale per dare forma e vita agli ambienti nell'assoluto rispetto delle normative vigenti.

## THE COMPANY

*Cariboni group born in 1908, leader in the public illumination and functional urban design field, is composed by Cariboni Lite, Fivep Lite and, in addition to them, their foreign branches: Cariboni France, Cariboni Iberica, Cariboni Iluiminação and, since 2003, T.I.L.C. in Tunisie.*

*Cariboni Lite is born at the beginning of the Seventies, after the incorporation and the transformation of F.I.R. FABBRICA ITALIANA RIFLETTORI GARIBOLDI. A flexible and efficient work group with an own engineering structure, for a company that normally co-operates with the most famous marks of the lighting industry.*

*The decal presence of Cariboni Lite on illumination market enabled the society to develop competence and know-how, which brought the firm to a leader position, as far as the production of illuminating solutions is concerned. The wide range of products specially designed for residential, architectural or functional lighting, offers a large choice to any professional designer who uses artificial light to give life and a special shape to any space, all this by complying with actual norms.*

## DIE FIRMA

Die CARIBONI Firmengruppe, gegründet 1908, ist marktführend auf dem Gebiet der öffentlichen Beleuchtung, sowie der funktionalen, dekorativen städtischen Beleuchtung. Sie besteht aus den Firmen Cariboni Lite und Fivep Lite sowie den ausländischen Niederlassungen Cariboni France, Cariboni Iberica, Cariboni Iluiminação und, seit 2003, T.I.L.C. in Tunesien.

Cariboni Lite entsteht zu Beginn der 70er Jahre aus der Eingliederung und Transformation der Firma F.I.R. FABBRICA ITALIANA RIFLETTORI GARIBOLDI. Eine flexible und effiziente Arbeitsgruppe mit eigenen Ingenieuren, eine Firma, die fest mit den bekanntesten Markennamen der Beleuchtungsindustrie zusammenarbeitet.

Die mehr als zehnjährige Präsenz der Cariboni Lite auf dem Beleuchtungssektor ermöglichte einen Ausbau der Kompetenzen und des Know-Hows, so dass sich die Firma als eine der Marktführer für lichtechnische Lösungen jeglicher Art positionieren konnte. Die breite Produktauswahl in der residentiellen, architektonischen und funktionalen Beleuchtung lässt den professionellen Lichtplanern, die das künstliche Licht zur Gestaltung der Umgebung benutzen, eine wichtige Entscheidungsfreiheit, unter Beachtung der bestehenden Richtlinien.



Colosseum - Rome - Italy - Realization 1980









Corporate Social Responsibility

## VISION

CARIBONI GROUP fonda il proprio credo in uno sviluppo sostenibile delle proprie attività industriali.

Un prodotto di illuminazione ricopre un ruolo di primaria importanza nella società moderna e per questo deve essere il frutto di una responsabile attività di ricerca e sviluppo, attenta alle esigenze del cliente, dell'utente e dell'ambiente.

*Cariboni Group founds its belief in the possibility of sustainable development of its industrial activities.*

*A lighting fixture, i.e. the lighting industry, plays a leading role in modern society; that's why it has to be the result of a responsible activity of research and development, which takes care of the needs of customers, consumers and environment.*

Cariboni Group gründet sein Glaubensbekenntnis auf einer tragbaren Entwicklung seiner eigenen industriellen Aktivität. Ein Beleuchtungsgerät spielt eine primäre Rolle in der modernen Gesellschaft; das ist der Grund, warum es das Ergebnis einer verantwortungsbewussten Erforschung und Entwicklungstätigkeit sein soll, die sich um die Bedürfnisse der Kunden, der Verbraucher und der Umwelt kümmert.

## MISSION

CARIBONI GROUP è una struttura organizzativa efficiente, nella quale ogni elemento della catena del valore si integra ed evolve, perseguendo il comune fine aziendale: ricercare l'eccellenza e l'innovazione nei tre principi base **Light, Design and Technology.**

*Cariboni Group is an efficient organizational structure, where each element of the worth chain integrates and evolves, by pursuing the common company's aim: seek after excellence and innovation in its three main principles **Light, Design and Technology.***

Cariboni Group ist eine effiziente Organisation, in der alle Teile der Kette des Werts der Firma ergänzen sich miteinander und entwickeln sich, um das gemeinsame Ziel der Firma zu erreichen: hervorragende Qualität und Innovation in seiner drei Grundlage zu erforschen **Light, Design and Technology.**



## SVILUPPIAMO IDEE RISPETTANDO L'AMBIENTE

Il rispetto per l'ambiente nasce da un necessario e consapevole cambiamento culturale che tutti i players (il singolo cittadino, il mondo, l'impresa ed i governi) devono abbracciare al fine di garantire uno sviluppo sostenibile.

Questa presa di coscienza si traduce nel quotidiano in una serie di azioni tra le quali risultano fondamentali il risparmio energetico, la riduzione di emissioni di CO2 ed una migliore gestione dei rifiuti industriali ed urbani.

Le scelte illuminotecniche occupano un parte importante e, sostenere soluzioni basate su tecnologie innovative quali i LED, ci conducono verso il cambiamento auspicato.

## WE DEVELOP NEW IDEAS RESPECTING THE ENVIRONMENT

*The respect for the environment comes from a necessary cultural change which all the players (each single citizen, the enterprises, and the governments) have to espouse, in order to grant a sustainable development.*

*This new consciousness puts itself into effect in everyday's life, by means of some fundamental aspects, such as the reduction of CO2 emission, a better management of industrial and urban waste.*

*The choices of the lighting an of the light sources play an important role; supporting new solutions based on new innovative technologies such as LED is surely an important step towards the desirable change.*

## WIR ENTWICKELN UNSERE IDEEN UND SCHONEN DIE UMWELT

Der Respekt der Umwelt entsteht von einer notwendigen und bewussten Kulturänderung, für die jeder (jeder Stadtbürger, jede Firma, die Regierungen) eintreten soll, um eine tragbare Entwicklung zu gewährleisten.

Dieses neue Bewusstsein umsetzt sich in eine Serie von wesentlichen Taten wie das Energiesparen, die Herabsetzung der Emissionen von CO2 und eine bessere Verwaltung der Beseitigung oder der Verwertung der Industrieabfälle und des Hausmülls.

Die lichttechnischen Wahlen spielen eine wichtige Rolle; neue innovative Lösungen mit der LED-Technologie führen uns zur herbeigesehten Änderung.



## PERCHÉ SCEGLIERE LA TECNOLOGIA LED

In pochi anni abbiamo assistito ad una rapida evoluzione della tecnologia LED tanto da portarla ad essere protagonista della scena illuminotecnica: lo testimoniano gli innumerevoli prodotti sviluppati, le installazioni ed il coinvolgimento mostrato da aziende, progettisti e committenti.

Le caratteristiche distintive sono innumerevoli e altrettanti i contesti applicativi; l'obiettivo di CARIBONI GROUP è individuare i bisogni esistenti e latenti, quindi pianificare la R&S e la progettazione di nuovi prodotti.

### WHY YOU SHOULD CHOOSE LED TECHNOLOGY

*In a few years there has been an incredibly quick evolution of the LED technology, which has made the LED sources the new protagonist of the lighting technology scene: this can be well testified by the innumerable products which have been developed, by the installations which have been realised, by the involvement of the producers, the planners and the customers.*

*The main features are a lot and the same is for the contexts of employ; the main aim of Cariboni Group is identifying the existing and the concealed needs in order to plan the research and development of the new products.*

### WARUM SOLL MAN DIE LED-TECHNOLOGIE WÄHLEN

Während der letzten Jahren haben wir eine schnelle Entwicklung der LED-Technologie beigewohnt, die die LED geführt hat, Protagonist in der lichttechnischen Szene zu sein: das wird von den vielen neu entwickelten Produkten, den realisierten Installationen und der Beteiligung der Firmen, der Planer und Architekten und der Kunden gut gezeugt.

Es geben viele wichtige Eigenschaften, die zugrunde diesem Erfolg liegen und genau so viel sind die Anwendungsbereiche; das Ziel der Gruppe Cariboni ist die existierende und schwelende Bedürfnisse zu identifizieren, um die Forschung und die Entwicklung der neuen Produkte zu planen.

- CO<sup>2</sup>**  
LOW ENERGY CONSUMPTION
- 100%**  
RECYCLED
- UV & IR**  
FREE
- Long Life**  
>50.000h
- ROHS e PB**  
FREE
- HIGH**  
EFFICIENCY
- ON-OFF**  
IMMEDIATELY

#### ADVANTAGES:

- CRI > 80
- Cool touch
- The wide availability of **high performance optics** grants a low energetic consumption together with the best lighting performances.
- Wide choice of colour and **colour temperatures** of the white colours.
- Easy handling of the light emission and of the **colour mixing**.
- A better **mechanical resistance**.
- **Miniaturization** of the lighting fixtures and freedom in the design of each fitting.
- Higher **electrical safety degree**.



### L'ESPERIENZA DEL GRUPPO CARIBONI IN MATERIA DI LED

Cariboni Group è stata una delle prime realtà a credere ed investire nella tecnologia LED sviluppando il primo prodotto a LED nel 2000 ed arrivando ai giorni nostri con lo sviluppo di 11 famiglie differenti di prodotto.

Il processo di sviluppo di un sistema a LED segue un approccio completo al prodotto.

- A partire da una attenta analisi dei requisiti illuminotecnici, strutturali, elettronici, termici e di design, vengono affrontate le fasi di gestione integrale della progettazione e produzione di tutti i componenti, vale a dire ottiche, elettronica, corpo del prodotto, dissipazione termica, accessori, stampi, etc..
- L'azienda è in continuo aggiornamento su quanto lo sviluppo a livello mondiale offre in materia di LED, vale a dire sorgenti con maggiore efficienza e dalle migliori caratteristiche cromatiche ed ottiche, materiali dalle migliori proprietà termiche, etc..
- Internamente viene effettuato lo studio delle ottiche, della loro efficienza e della messa in produzione con stampi di proprietà.
- Per il corretto funzionamento dell'apparecchio vengono eseguiti internamente tutti i test di qualità. L'azienda è dotata di laboratori certificati IMQ per le differenti prove: gonifotometro, camere termiche, camera per tenuta IP, nebbie saline, test di resistenza meccanica.

Tutto questo per realizzare prodotti eccellenti "MADE IN CARIBONI", frutto della ricerca tecnologica e della esperienza maturata.

### CARIBONI GROUP EXPERIENCE WITH LED

*Cariboni Group has been one of the first companies who believed and invested in LED technology, by developing the first LED product in 2000 and having developed until today about 11 families of LED products.*

*The development of a LED product involves a completely different approach to the product.*

- *Starting from a careful analysis of the technical, structural, electronic, thermal and design requirements, we face the analysis of the handling, the design and the production of all the components, i.e. electronics, body of the product, heat dissipation, accessories, mouldings, etc...*
- *The company is always up to date with the latest development of the LED sources in the whole world, offering always the best efficiency of the sources, the best optical and chromatic features, the best materials as far as the thermal features are concerned.*
- *We develop the optics internally, taking care of their efficiency; each lens is moulded with mouldings of our absolute ownership.*
- *We test internally each fitting in order to grant the correct working of each fixture. We have IMQ certified laboratories, in order to carry out internally all the different tests required: goniophotometer, thermal rooms, IP-test rooms, saline fog test, mechanical resistance tests.*

*All this enables us to produce excellent products "MADE IN CARIBONI", result of our technologic research and of our experience gained in this field.*

### DIE ERFAHRUNG DER GRUPPE CARIBONI IN BEZUG AUF DIE LED

Die Gruppe Cariboni ist eine der ersten Firmen, die an die LED-Technologie geglaubt hat. Wir haben die erste LED-Leuchte im 2000 entwickelt und haben heutzutage 11 Familien von Leuchten mit LED.

Die Entwicklung einer LED Leuchte folgt einen total anderen Ansatz als den für Standardprodukte.

- Zuallererst analysieren wir die lichttechnische, elektronische, thermische, Design- und Strukturbedürfnisse. Infolge dieser erster Analyse, projektieren wir den kompletten Management der Leuchte und die Produktion jeder Teil: Optiken, Elektronik, Gehäuse der Leuchte, Struktur für die Wärmeabföhr, Zubehöriteile, Pressforme, usw....
- Unsere Firma geht immer mit der Zeit und hält sich auf dem Laufenden in Bezug auf die letzten Neuheiten; wir benutzen die LED-Quellen mit der höchsten Leistungen und die beste optische und thermische Eigenschaften.
- Wir entwickeln die Optiken und Linsen, die wir mit Pressforme unserer Eigenschaft produzieren.
- Wir föhren die Qualitätstesten in unserem IMQ-Bescheinigten Labor aus: Goniophotometer, IP- Raum, thermische Raume, Salznebeln, Test des mechanischen Widerstand.

Wir entwickeln Produkte von hervorragender Qualität "MADE IN CARIBONI", Ergebnis der technologischen Forschung und unserer Erfahrung.



## LA PROGETTAZIONE ILLUMINOTECNICA

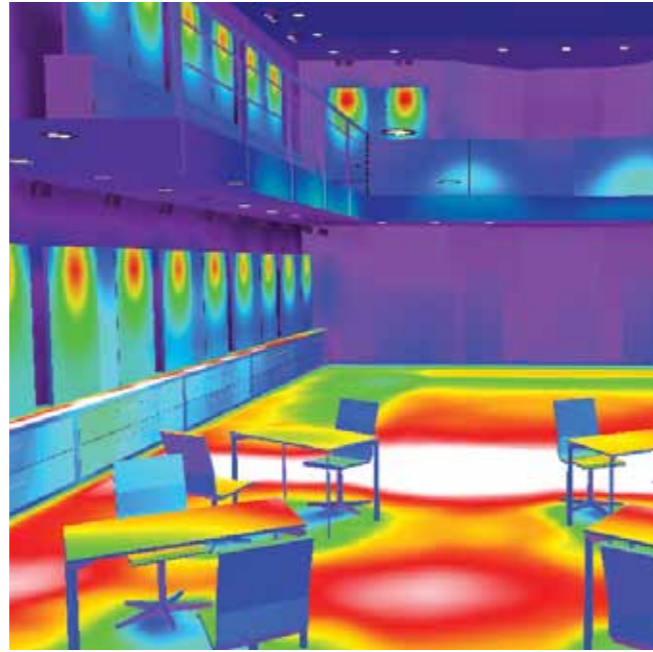
CARIBONI GROUP ha sviluppato al proprio interno una Lighting Division con esperienza ormai ventennale in tutti i settori di applicazione. L'utilizzo combinato di software con i migliori algoritmi di calcolo illuminotecnico e di software per la visualizzazione foto-realistica del progetto, garantisce al cliente una anteprima fedele di quella che potrà essere la realtà.

### THE LIGHTING PLANNING

*Cariboni Group developed a Lighting Division, with a twenty-year experience in all the application fields. The employ of software with the best algorithms of lighting calculation and the best software for the photo-realistic simulations gives us the possibility to provide to our customers a trustworthy preview of what the reality will be.*

### DIE LICHTTECHNISCHE PROJEKTIERUNG

Die Gruppe Cariboni hat eine lichttechnische Abteilung mit einer 20-jährigen Erfahrung in jedem Anwendungsbereich. Die Verwendung der besten Softwares und der neuen Software für die Fotorealistic Simulationen jedes Projekts, erlaubt uns unseren Kunden eine wirklichkeitstgetreue Voraufführung jeder Installation zu zeigen.



## L'ILLUMINAZIONE DI UN PARCO CON APPARECCHI A LED *THE LIGHTING OF A PARK WITH LED FITTING* DIE BELEUCHTUNG EINES PARKS MIT LED-LEUCHTEN

EGIZIA GASPARINI

La scelta della tecnologia Led per l'illuminazione del parco di Giussano ha avuto origine nei seguenti motivi:

- basso consumo energetico,
- basso inquinamento luminoso,
- lunga durata di esercizio e quindi bassa manutenzione,
- effetto scenografico.

Le suddette caratteristiche distintive, unitamente alla possibilità di offrire un'ampia gamma di prodotti, quali ad esempio gli incassi a terra e parete, gli apparecchi su palo, i proiettori ecc., rendono la tecnologia LED protagonista nella progettazione di spazi pubblici all'aperto, non più soltanto per una illuminazione di tipo scenografico ma anche per quella funzionale ed architettonica.

*We have chosen to lighten the park in Giussano with LED mainly for the following reasons:*

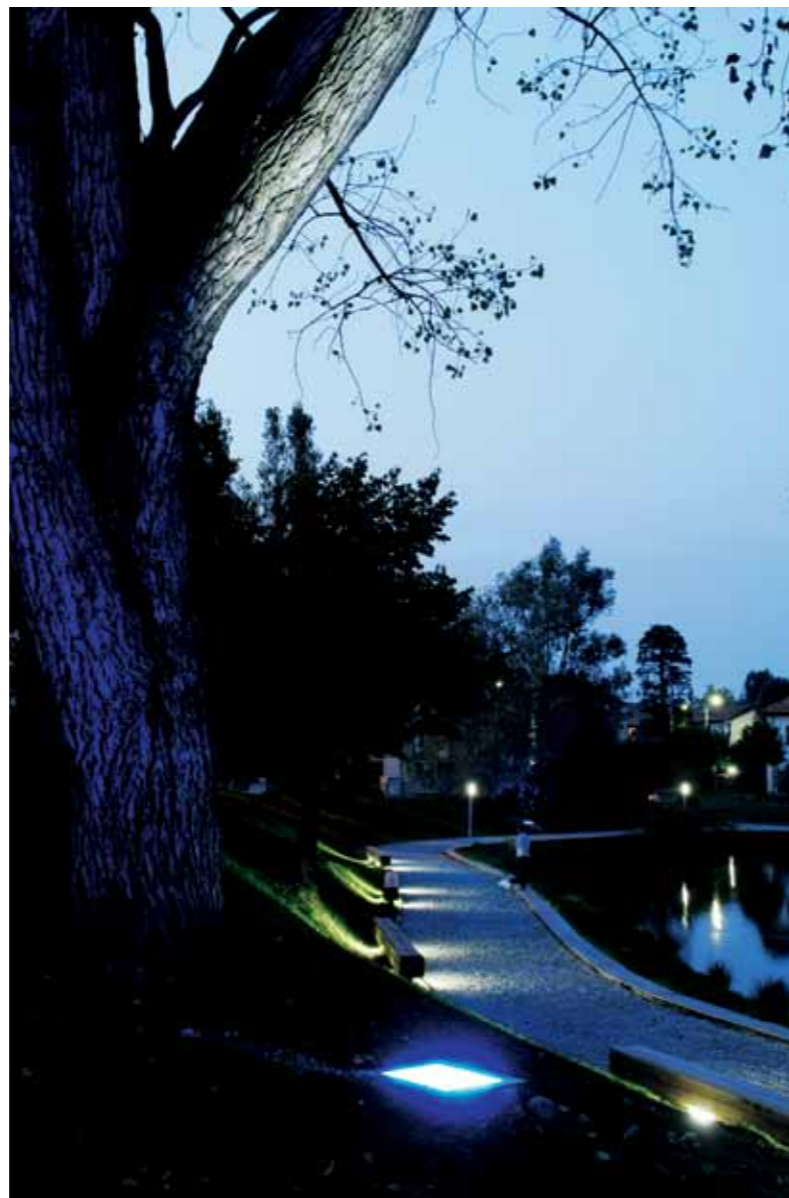
- low energy consumption
- low lighting pollution
- long life and therefore less maintenance
- spectacular effect

*These features, together with the possibility to offer a wide range of products such as wall and ground recessed fittings, floodlights, pole fittings, make the LED protagonists in the field of outdoor lighting, not only in order to get a decorative effect, but also in order to obtain a real functional architectural lighting.*

Wir haben die LED-Technologie für die Beleuchtung des Parks von Giussano aus diesen Gründen gewählt:

- niedrigen Energieverbrauch
- niedrige Lichtverschmutzung
- lange Lebensdauer und deshalb geringere Wartungskosten
- spektakuläre Wirkung

Die o.g. Eigenschaften zusammen mit der Möglichkeit, eine große Palette von Leuchten wie z.B. die Wand- und Bodeneinbauleuchte, die Strahler, die Mast-Leuchte anzubieten, hat die LED geführt, Protagonist in der Beleuchtung von Außenbereichen zu sein, nicht nur als dekorative sondern auch als funktionelle und architektonische Beleuchtung.



## IL PARERE DEI PROFESSIONISTI *WHAT THE EXPERTS SAY* DIE MEINUNG DER EXPERTEN

FRANCESCO IANNONE

I LED sono semplicemente indispensabili esattamente "come lo zucchero nel caffè", quando si parla di illuminazione degli spazi umani. Alcuni progettisti li ritengono imprescindibili, altri ancora giovani, altri ancora inutili. Io penso che il LED è una opzione importante in un progetto, questa tecnologia ha valori cromatici nello spettro che ti consente di avere una serie di "palette" in più nella progettazione. Io non credo nella totale uniformità, quando si parla di spazi esterni, io credo nelle sfumature, nelle differenze, nella modulazione della luce. Per questo ho preferito che il prodotto Pole-Pole fosse equipaggiato a LED. Il prodotto forma un sistema grafico che distingue il design ed il family feeling formale della famiglia di apparecchi, sicuramente la loro flessibilità applicativa è data anche dall'equipaggiamento a LED.

MARGHERITA SÜSS

Illuminare significa restituire la forma della città nella percezione dei soggetti emergenti e nella pluralità delle situazioni tipiche e dei punti di forza che la rendono riconoscibile. In tal senso la scenografia urbana può essere rielaborata in modo da rendere più completa quella percezione diurna che la routine frettolosa del quotidiano lascia spesso superficiale. Mediante la luce è possibile configurare una realtà del tutto autonoma da quella diurna ma a lei complementare. Il progetto di illuminazione rappresenta un'occasione di rimodellare lo spazio urbano attraverso le potenzialità scenografiche della luce: ciò può avvenire oggi anche grazie a innovative soluzioni tecniche ed impiantistiche, quali le sorgenti a LED, in grado di dar vita a nuove possibilità espressive nel sottolineare le specifiche valenze dell'ambiente costruito. Con rinnovate caratteristiche di durata, dimensioni, resa cromatica, temperatura di colore ed efficienza luminosa, i LED si sono imposti come una concreta e valida alternativa per soddisfare al meglio la gran parte delle esigenze illuminotecniche.

*The Led are simply essential, exactly as "sugar in the coffee", when we speak about the lightening of urban areas. Some planners think they are indispensable, other consider them young, other useless. I think that the LEDs are an important option for each project; this technology offers a wide spectrum of colours and this can be an important advantage, because it enables to have a wider choice in the planning. I do not believe in total uniformity, when we speak about external areas; I believe in nuances, in differences, in light modulation. That's why I chose to equip the product Pole-Pole with LED. The product forms a graphic system which characterizes the design and the formal family feeling of these products; their flexibility is surely due also the LED.*

*Illuminate means rendering the forms of the city in the perception of the emerging subjects and of the plurality of the topical situations and of the strength points which make it recognizable. In this sense the urban setting can be elaborated with light, in order to give everybody the possibility to perceive its real essence, which is often overshadowed because of everyday routine and hurry. Light enables to create a sort of new reality, which is totally autonomous from the daily one but also complementary to it. A lighting project represents an occasion to remodel the urban space, thanks to the scenographic possibilities offered by light: today this can be done also thanks to innovative technical and plant solutions, such as LED sources, which offer the possibility to develop new possibilities of expression and of underlining the specific values each environment. The LED have become very popular thanks to their always improving features of lifetime, dimension, chromatic rendering, colour temperature and lighting efficiency; they stood out as a concrete and effective alternative in order to satisfy a big part of needs and requirements as far as the lighting technique is concerned.*

Die LED sind einfach wesentlich, genau wie Zucker im Kaffee, wenn man über die Beleuchtung von städtischen Bereichen spricht. Einige Lichtplaner halten die LED für unabdingbar, andere für jung, andere für nutzlos. Meiner Meinung nach, sind die LED eine wichtige Gelegenheit in einem Projekt; diese neue Technologie bietet eine größere Palette von Farben und das ist einen Vorteil in der Projektierung. Ich glaube nicht an die Gleichmäßigkeit, wenn man über Außenbereiche spricht. Ich glaube an den Nuancen, an die Unterschiede, an die Modulation des Lichts. Deshalb habe ich entschieden die Pole-Pole Familie mit LED auszustatten. Die Leuchten dieser Familie bilden einen graphischen System, der ihren „family feeling“ kennzeichnet; ihre Flexibilität hängt sicher auch von den LED ab.

Beleuchten meint, die Gestalten der Stadt zu verwerthen, um die Wahrnehmung der wichtigsten Gegenstände oder Gebäude zusammen mit den Stärken oder der mehreren typischen Lagen jedes Bereichs zu verbessern. Die städtischen Szenen können verarbeitet werden, damit jeder Zuschauer solche Eigenschaften besser würdigen kann, die normalerweise wegen der Routine jedes Tags in den Hintergrund rücken. Durch Licht kann man eine neue Realität hervorbringen, die total selbständig aber auch ergänzend der Tagesrealität ist. Jeder neue Beleuchtungsplan ist eine gute Gelegenheit, die städtischen Gebiete durch die effektvollen Leistungsfähigkeiten des Lichts zu umgestalten: heutzutage kann das auch dank der neuen innovativen technischen Lösungen gemacht werden; ich denke an die LED Quellen, welche die Möglichkeit anbieten, in einer neuen Weise die besonderen Eigenschaften jedes Bereichs zu verwerthen. Die LED haben einen großen Erfolg dank ihrer optimalen Eigenschaften von Lebensdauer, Ausmaße, Farbtemperaturen und Beleuchtungseffizienz gehabt; sie haben sich als eine starke Alternative durchgesetzt, um jede Beleuchtungsanforderung zu treffen.





(IT)

Piccolo bollard dalle performance illuminotecniche particolarmente elevate, adatto per l'installazione a terra, parete e soffitto è ideale per l'illuminazione di aree verdi, hall, facciate, aree residenziali. Sorgenti: 8 LED 1W warm e cool white, 23W fluo E27 cablaggio elettronico integrato, 20W MT.

E' disponibile nelle configurazioni standard con 4 finestre di luce.

E' possibile applicare fino a tre petali di chiusura ottenendo così configurazioni con una, due o tre finestre di luce.

Corpo: in pressofusione di alluminio verniciato di colore grigio RAL 9006 o sablé 100 Noir dopo un trattamento di fosfocromatazione. Il diffusore è in policarbonato stampato.

L'assenza di viteria esterna rende il prodotto particolarmente gradevole e pulito.

E' presente, per motivi di sicurezza, solo un grano per l'antivandalico.

La versione bollard, disponibile nelle altezze di 500mm o di 1000mm, viene fornita con cavo e con un box di connessione stagno. Il prodotto viene installato tramite tasselli o tirafondi questi ultimi disponibili come accessori. Alimentazione integrata.

(UK)

*Little bollard with extremely reduced dimensions, granting particularly high lighting performances. This fitting is suitable for the installation at ground, wall or ceiling and it is ideal for the lighting of green areas, halls, façades, and residential areas.*

*Light sources: 8 LEDs in cool and warm white, 23W fluorescent lamp with E27 socket with internal electronic wiring, 20W MT lamp. In its basic version, Path is available with 4 lighting openings.*

*It's possible to install up to 3 "petals" on the fittings which cover the lighting openings, by means of which it becomes possible to create several versions, with one, two or three light beams.*

*Body: die cast aluminium alloy painted in grey RAL 9006 or dark grey Sablé 100 Noir, after a chromium plating treatment.*

*Diffuser: moulded polycarbonate.*

*The total absence of external screws makes the product extremely pleasant thanks to its clean shape. For safety reasons, just one nut is present on the body, in order to grant its safe fastening.*

*The bollard version, available in 500mm or 1000mm, is delivered with cable and watertight connection box.*

*Path & Path Pole can be installed by means of screw anchors or metal anchors (available as separate accessory). Internal wiring.*

(DE)

Kleine Pollerleuchte geringer Dimension, die höchste Beleuchtungsleistungen gewährleistet. Path ist für Boden-, Wand- oder Deckeinstallation geeignet und er ist verwendbar im Bereich der architektonischen Beleuchtung, wie z.B. Grünanlagen, Empfangshalle, Fassaden, Wohngebiete. Lichtquellen: 8 LEDs, kalt und warm weiß, 23W Leuchtstofflampe, Fassung E27 mit integrierter Verkabelung, 20W MT Leuchtmittel.

In der Standardvariante hat Path 4 Lichtbündeln.

Es besteht die Möglichkeit max.

3 Abschirmungen als Zubehörteile zu bestellen, die auf die 4 Öffnungen installiert werden, um verschiedene Varianten mit

1, 2 oder 3 Lichtbündeln zu schaffen.

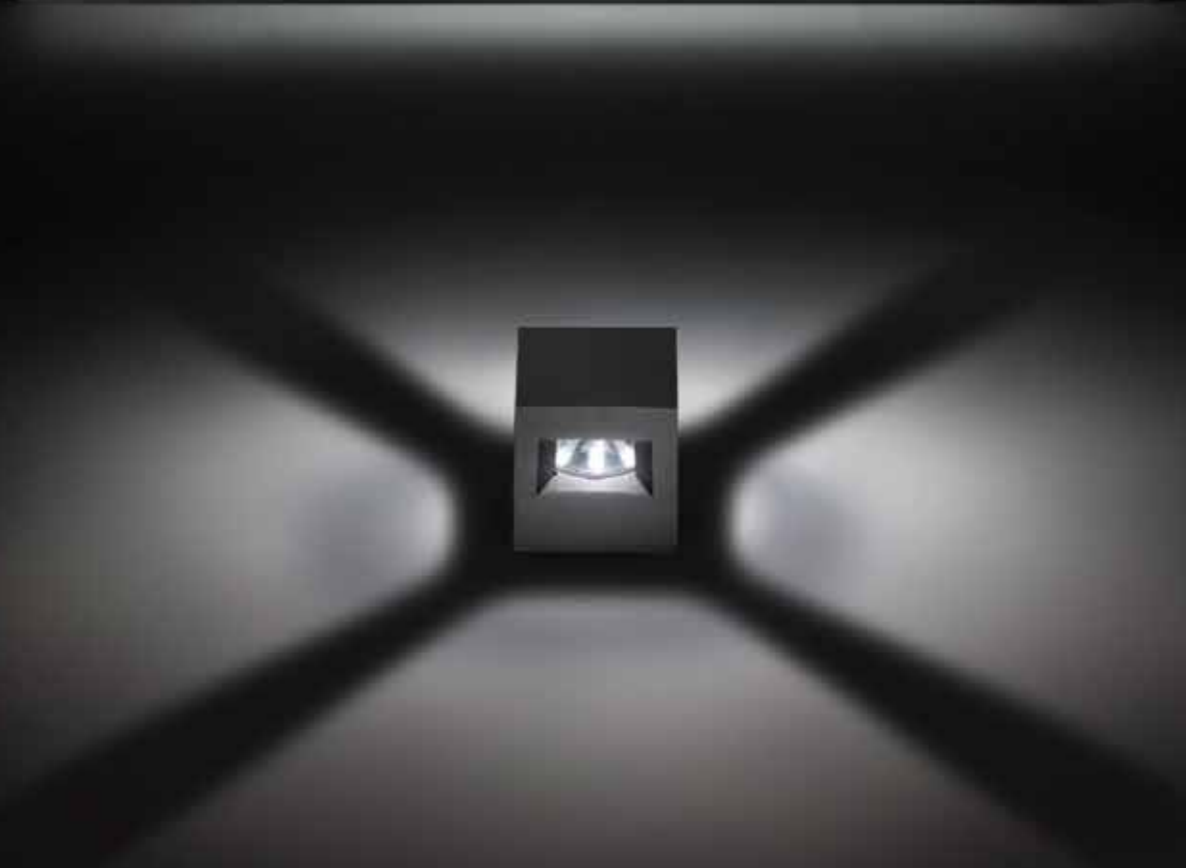
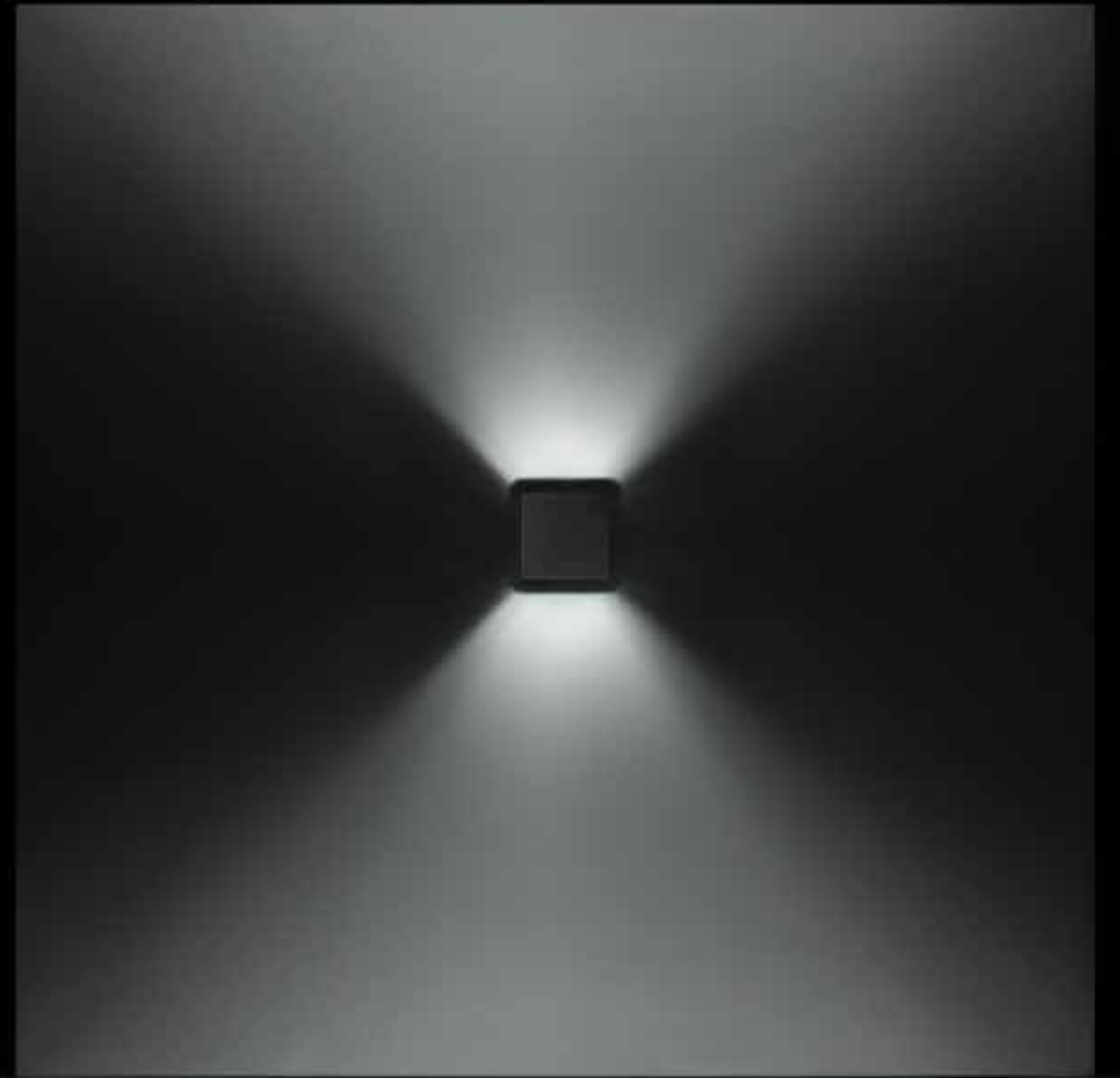
Gehäuse: aus Aluminiumdruckguss, lackiert in der Farbe grau RAL9006 oder Anthrazit Sablé 100 Noir nach Chrombehandlung.

Diffuser aus gepresstem Polycarbonat.

Die totale Abwesenheit von Außenschrauben macht Path besonders angenehm, dank seiner sauberen Gestalt. Es gibt auf dem Gehäuse nur ein Schraubmutter, das einen sicheren Verschluss der Leuchte erlaubt.

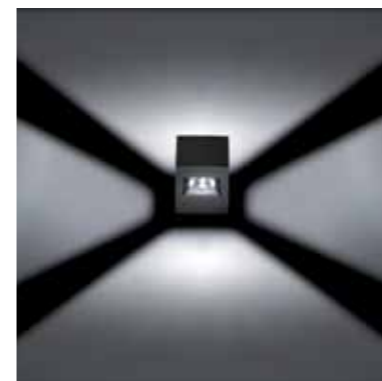
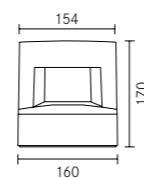
Die Pollerversion, erhältlich in zwei Höhen - 500mm oder 1000mm, wird mit 1m Kabel und mit wasserdichter Verbindungsbox geliefert.

Die Leuchte kann mit Spritzdübeln oder Metallanker (als Zubehör lieferbar) befestigt werden. Integrierte Verkabelung.



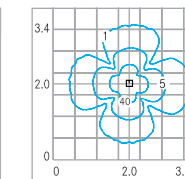
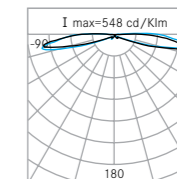
# PATH

Design by R&S Cariboni Lite



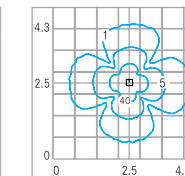
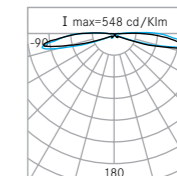
**06PT1102\_**

LED 8x1W 350mA 690 lm 3000 K



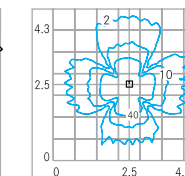
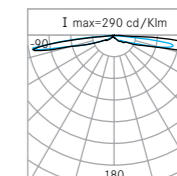
**06PT1192\_**

LED 8x1W 350mA 745 lm 4000 K



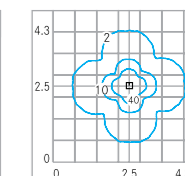
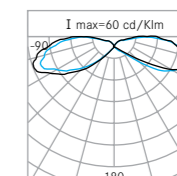
**06PT1CIE\_**

MT 20W GU6,5 1615 lm 3000 K CRL



**06PT1DHE\_**

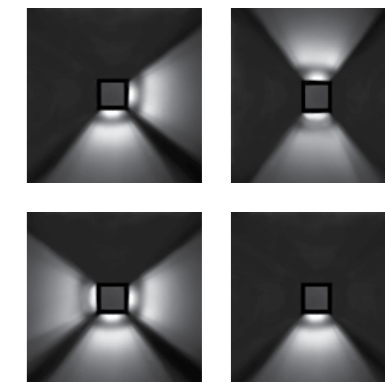
FB 23W E27 1600 lm 4000 K CL



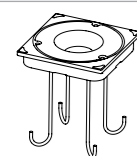
Partendo da una delle quattro configurazioni sopra descritte, modificando la tipologia di petali, è possibile ottenere le 4 differenti configurazioni.

*It is possible to achieve 4 different configurations, starting from the above-mentioned base systems, only by modifying the typology of installed petals.*

Ausgehend von einer der 4 oben beschriebenen Konfigurationen, ist es durch Veränderung der vorhandenen Petals möglich, 4 verschiedene Konfigurationen zu erhalten.



**Accessori Accessories Zubehör**



Kit tirafondi *Kit metal anchors* Kit metallanker

**06PT998\_0**

Kit 2 petali *Kit 2 petals* Kit 2 Petals

**06PT997\_0**



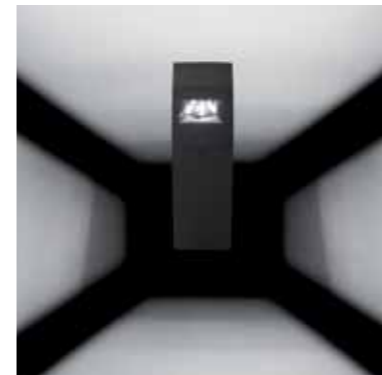
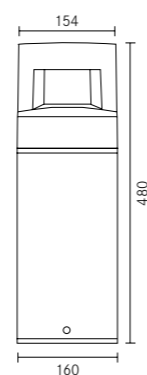
Per definizione colore nel codice sostituire “\_” con

*In order to define the colour of the fitting, replace “\_” in the codes with*

**Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit**

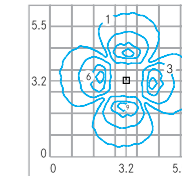
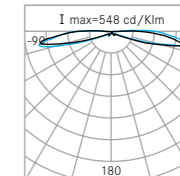
**A** = grigio RAL 9006 *grey RAL 9006* grau RAL 9006

**C** = sablé 100 *Noir sablé 100* Noir sablé 100



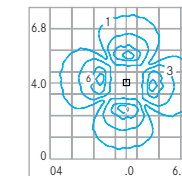
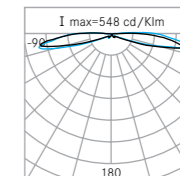
**06PT2102\_**

LED 8x1W 350mA 690 lm 3000 K



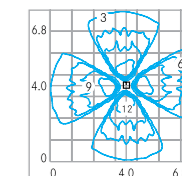
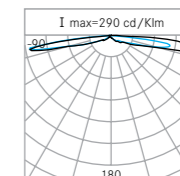
**06PT2192\_**

LED 8x1W 350mA 745 lm 4000 K



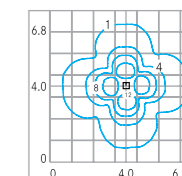
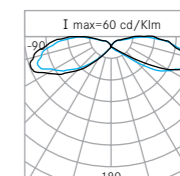
**06PT2CIE\_**

MT 20W GU6,5 1615 lm 3000 K CRL



**06PT2DHE\_**

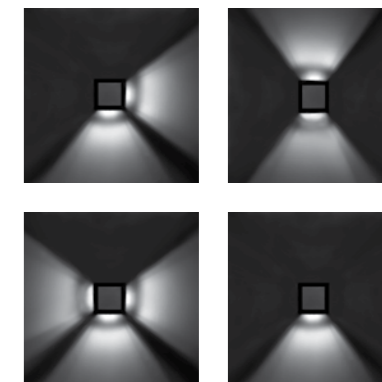
FB 23W E27 1600 lm 4000 K CL



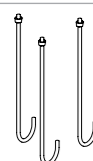
Partendo da una delle quattro configurazioni sopra descritte, modificando la tipologia di petali, è possibile ottenere le 4 differenti configurazioni.

*It is possible to achieve 4 different configurations, starting from the above-mentioned base systems, only by modifying the typology of installed petals.*

Ausgehend von einer der 4 oben beschriebenen Konfigurationen, ist es durch Veränderung der vorhandenen Petals möglich, 4 verschiedene Konfigurationen zu erhalten.



**Accessori Accessories Zubehör**



Kit tirafondi *Kit metal anchors* Kit metallanker

**06PY999X0**

Kit 2 petali *Kit 2 petals* Kit 2 Petals

**06PT997\_0**



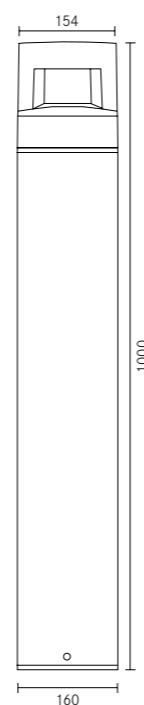
Per definizione colore nel codice sostituire “\_” con

*In order to define the colour of the fitting, replace “\_” in the codes with*

**Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit**

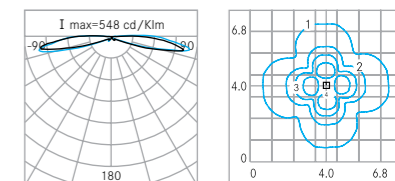
A = grigio RAL 9006 *grey RAL 9006* grau RAL 9006

C = sablé 100 *Noir sablé 100* Noir sablé 100 Noir



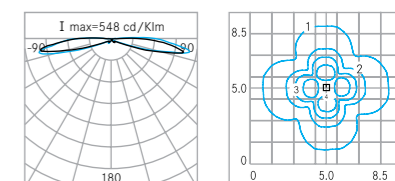
**06PT3102\_**

LED	8x1W	350mA	690 lm	3000 K	
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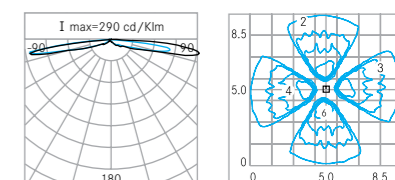
**06PT3192\_**

LED	8x1W	350mA	745 lm	4000 K	
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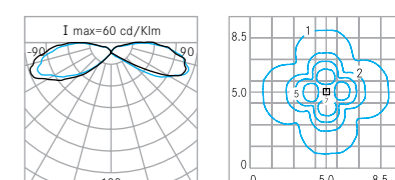
**06PT3CIE\_**

MT	20W	GU6,5	1615 lm	3000 K	CRL
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**06PT3DHE\_**

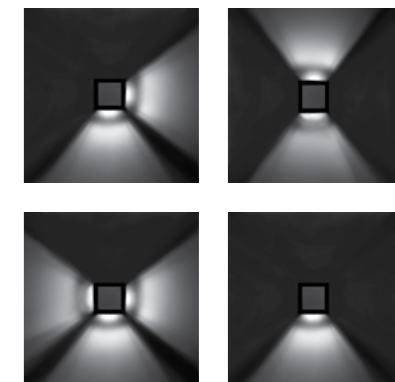
FB	23W	E27	1600 lm	4000 K	CL
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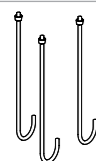
Partendo da una delle quattro configurazioni sopra descritte, modificando la tipologia di petali, è possibile ottenere le 4 differenti configurazioni.

*It is possible to achieve 4 different configurations, starting from the above-mentioned base systems, only by modifying the typology of installed petals.*

Ausgehend von einer der 4 oben beschriebenen Konfigurationen, ist es durch Veränderung der vorhandenen Petals möglich, 4 verschiedene Konfigurationen zu erhalten.



**Accessori Accessories Zubehör**



Kit tirafondi *Kit metal anchors* Kit metallanker

**06PY999X0**

Kit 2 petali *Kit 2 petals* Kit 2 Petals

**06PT997\_0**



Per definizione colore nel codice sostituire “\_” con

*In order to define the colour of the fitting, replace “\_” in the codes with*

**Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit**

A = grigio RAL 9006 *grey RAL 9006* grau RAL 9006

C = sablé 100 *Noir sablé 100* Noir sablé 100 Noir

(IT)

Piccolo bollard dalle performance illuminotecniche particolarmente elevate, adatto per l'installazione a terra, parete e soffitto è ideale per l'illuminazione di aree verdi, hall, facciate, aree residenziali. Sorgenti: 8 LED 1W warm e cool white, 23 W fluo E27 cablaggio elettronico integrato – 20W MT. Disponibile con tre diverse aperture del fascio : 360°, 180° e 2x90°. La versione 360°, essendo completamente libera da sostegni, garantisce un'emissione luminosa senza ombre.

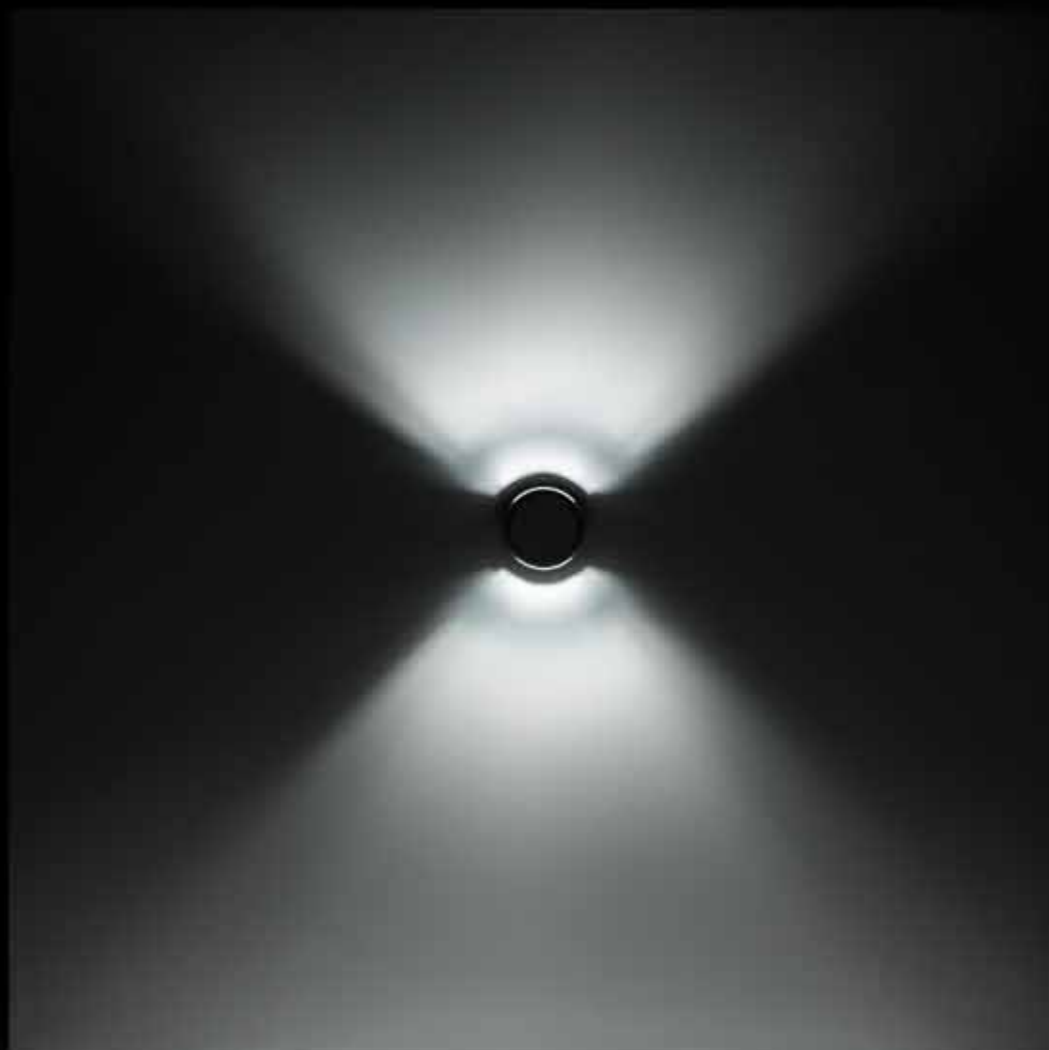
Corpo: in pressofusione di alluminio verniciato di colore grigio RAL 9006 o sablé 100 Noir dopo un trattamento di fosfocromatazione. Il diffusore è in policarbonato stampato. Il sistema di chiusura a baionetta consente di orientare con estrema facilità e precisione il prodotto e solo successivamente di procedere con il fissaggio definitivo. L'assenza di viteria esterna rende il prodotto particolarmente gradevole e pulito. E' presente, per motivi di sicurezza, un solo grano per l'antivandalico. La versione bollard viene fornita con cavo e con un box di connessione stagno. Il prodotto viene installato tramite tasselli o tirafondi questi ultimi disponibili come accessori. Alimentazione integrata.

(UK)

Little bollard granting particularly high lighting performances. This fitting is suitable for the installation on ground, wall or ceiling and it is ideal for the lighting of green areas, halls, façades, and residential areas. Light sources: eight 1W warm and cool white LED, 23 W fluorescent lamp with E27 socket, 20W MT lamp, with internal wiring. Available with 3 light beams: 360°, 180° and 2x90°. The version with 360° light beam grants a real complete 360° light emission without any shape, thanks to the absence of external supports for the upper cover. Body: die cast aluminium alloy painted in grey RAL 9006 or dark grey Sablé 100 Noir, after a chromium plating treatment. Diffuser: moulded polycarbonate. The bayonet closure system enables to install the fixture without the need to point it before the installation, thanks to the independence of the fastening flange. The pointing of the product can be easily carried out when the fitting is already fastened. The total absence of external screws makes the product extremely pleasant thanks to its clean shape. For safety reasons, just one nut is present on the body, in order to grant its safe fastening. The version on pole is delivered with cable and water tight connection box. Peyote can be installed by means of expansion screws or metal anchors (available as separate accessory). Integrated wiring.

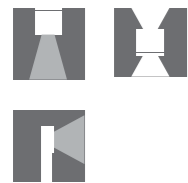
(DE)

Kleiner Mast der höchste Beleuchtungsleistungen gewährleisten kann. Peyote ist für Boden-, Wand- oder Deckeinstallation geeignet und er ist verwendbar im Bereich der architektonischen Beleuchtung, wie z.B. Grünanlagen, Empfangshalle, Fassaden, Wohngebiete. Lichtquellen: 8 1W LEDs warm und cool white, 23 W Leuchtstoffleuchtmittel, Fassung E27, 20W MT Leuchtmittel – mit integrierter Verkabelung. Erhältlich mit drei verschiedenen Lichtbündeln: 360°, 180° und 2x90°. Die Version mit 360°-Lichtbündel garantiert eine perfekte Lichtausstrahlung, ohne Schatten, dank der Abwesenheit von externen Trägern des oberen Deckels. Gehäuse: aus Aluminiumdruckguss, lackiert in der Farbe grau RAL9006 oder Anthrazit Sablé 100 Noir nach Chrombehandlung. Diffuser aus gepresstem Polycarbonat. Das Bajonettverschlußsystem erlaubt die Befestigung der Leuchte ohne die Notwendigkeit, sie vorher auszurichten. Die totale Abwesenheit von Außenschrauben macht Peyote besonders angenehm, dank seiner sauberen Gestalt. Wegen Sicherheitsgründen, gibt es auf dem Gehäuse nur ein Schraubmutter, das einen sicheren Verschluss der Leuchte erlaubt. Die Version auf Mast wird mit Kabel und mit wasserdichter Verbindungsbox geliefert. Die Leuchte kann mit Spritzdübeln oder Metallanker (als Zubehör lieferbar) befestigt werden. Integrierte Verkabelung.



# PEYOTE

Design by R&S Cariboni Lite



PEYOTE

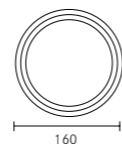
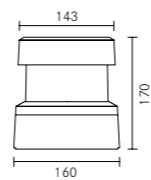
Cl. II IP65

230V 50Hz



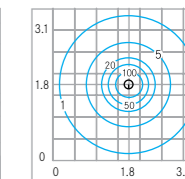
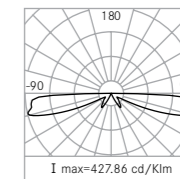
max 3 Kg

PEYOTE



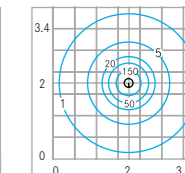
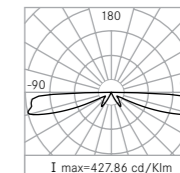
**06PY1192\_**

LED 8x1W 350 mA 690 lm 3000 K



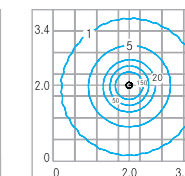
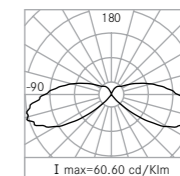
**06PY1102\_**

LED 8x1W 350 mA 745 lm 4000 K



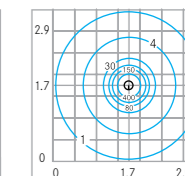
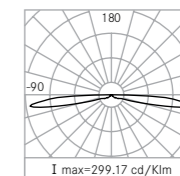
**06PY1AAE\_**

FCE 23W E27 1600 lm 3000 K CL

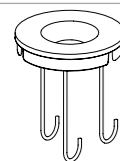


**06PY1CIE\_**

MT 20W GU6,5 1615 lm 3000 K CRL



**Accessori Accessories Zubehör**

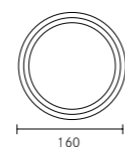
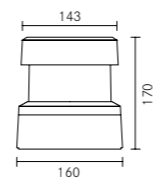
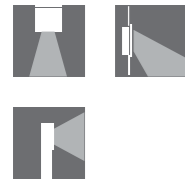


Kit tirafondi *Kit metal anchors* Kit metallanker

**06PY998X0**

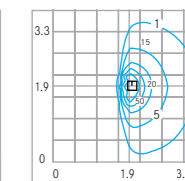
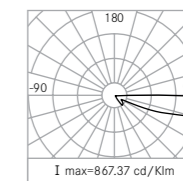


Per definizione colore nel codice sostituire “\_” con  
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 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 A = grigio RAL 9006 *grey RAL 9006* grau RAL 9006  
 C = sablé 100 *Noir sablé 100* *Noir sablé 100* Noir



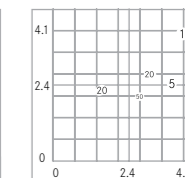
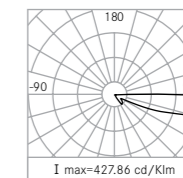
**06PY2192\_**

LED 8x1W 350 mA 690 lm 3000 K



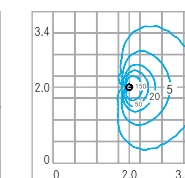
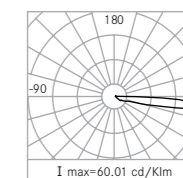
**06PY2102\_**

LED 8x1W 350 mA 745 lm 4000 K



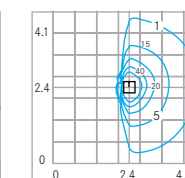
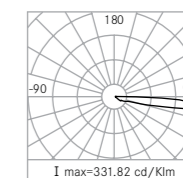
**06PY2AAB\_**

FCE 23W E27 1600 lm 4000 K CL



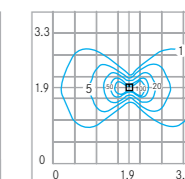
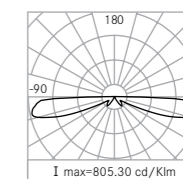
**06PY2CIB\_**

MT 20W GU6,5 1615 lm 3000 K CRL



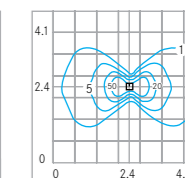
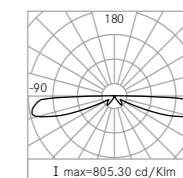
**06PY3192\_**

LED 8x1W 350 mA 690 lm 3000 K



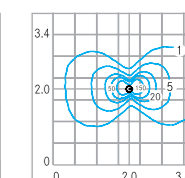
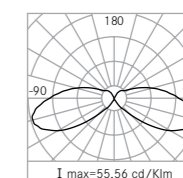
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LED 8x1W 350 mA 745 lm 4000 K



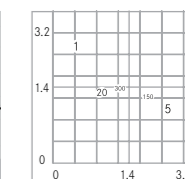
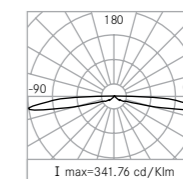
**06PY3AAO\_**

FCE 23W E27 1600 lm 4000 K CL



**06PY3CIO\_**

MT 20W GU6,5 1615 lm 3000 K CRL



2 x 90°



180°



2 x 90°

**Accessori Accessories Zubehör**



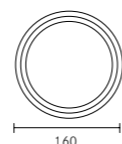
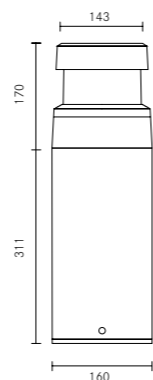
Kit tirafondi *Kit metal anchors* Kit metallanker

**06PY998X0**

Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 A = grigio RAL 9006 *grey RAL 9006* grau RAL 9006  
 C = sablé 100 *Noir sablé 100* Noir sablé 100 Noir

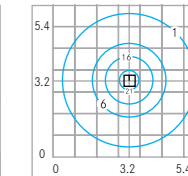
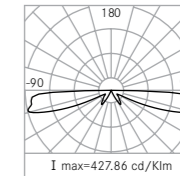






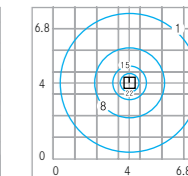
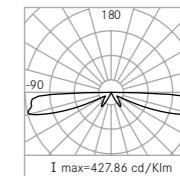
**06PY1192\_A**

LED 8x1W 350 mA 690 lm 3000 K



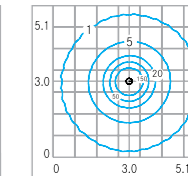
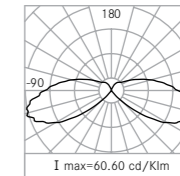
**06PY1102\_A**

LED 8x1W 350 mA 745 lm 4000 K



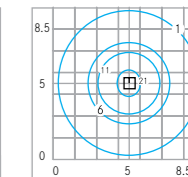
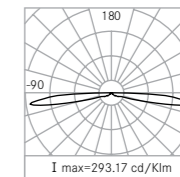
**06PY1AAE\_A**

FCE 23W E27 1600 lm 4000 K CL

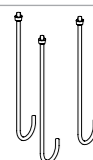


**06PY1CIE\_A**

MT 20W GU6,5 1615 lm 3000 K CRL



**Accessori Accessories Zubehör**



Kit tirafondi *Kit metal anchors* Kit metallanker

**06PY999X0**



Per definizione colore nel codice sostituire “\_” con

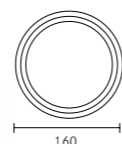
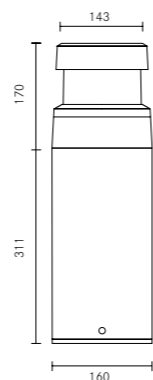
*In order to define the colour of the fitting, replace “\_” in the codes with*

**Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit**

A = grigio RAL 9006 *grey RAL 9006* grau RAL 9006

C = sablé 100 Noir *sablé 100 Noir* sablé 100 Noir

Disponibile su richiesta versione h 1m *On demand available h 1m version* Auf Anfrage verfügbar Version h 1m



2 x 90°



180°



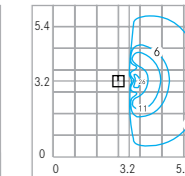
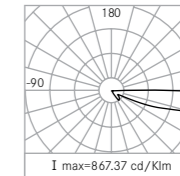
180°



2 x 90°

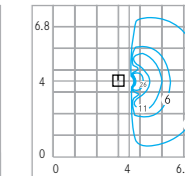
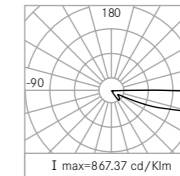
**06PY2192\_A**

LED	8x1W	350 mA	690 lm	3000 K	●
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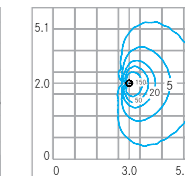
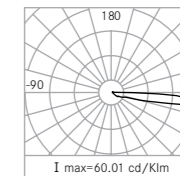
**06PY2102\_A**

LED	8x1W	350 mA	745 lm	4000 K	●
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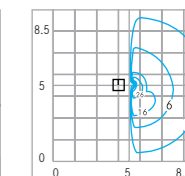
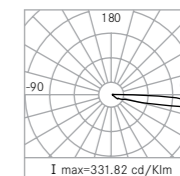
**06PY2AAB\_A**

FCE	23W	E27	1600 lm	4000 K	CL
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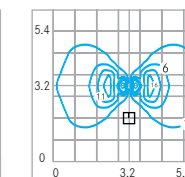
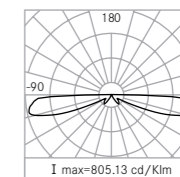
**06PY2CIB\_A**

MT	20W	GU6,5	1615 lm	3000 K	CRL
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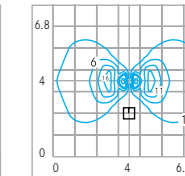
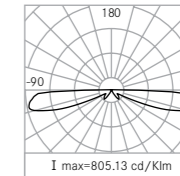
**06PY3192\_A**

LED	8x1W	350 mA	690 lm	3000 K	●
-----	------	--------	--------	--------	---



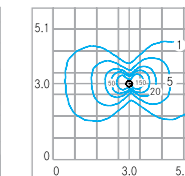
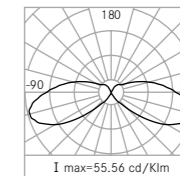
**06PY3102\_A**

LED	8x1W	350 mA	745 lm	4000 K	●
-----	------	--------	--------	--------	---



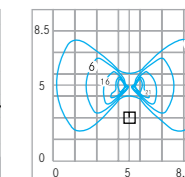
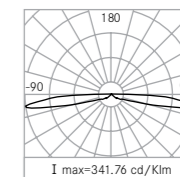
**06PY3AAO\_A**

FCE	23W	E27	1600 lm	4000 K	CL
-----	-----	-----	---------	--------	----



**06PY3CIO\_A**

MT	20W	GU6,5	1615 lm	3000 K	CRL
----	-----	-------	---------	--------	-----



**Accessori Accessories Zubehör**



Kit tirafondi *Kit metal anchors* Kit metallanker

**06PY999X0**



Per definizione colore nel codice sostituire “\_” con

*In order to define the colour of the fitting, replace “\_” in the codes with*

**Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit**

A = grigio RAL 9006 *grey RAL 9006 grau RAL 9006*

C = sablé 100 *Noir sablé 100 Noir sablé 100 Noir*

Disponibile su richiesta versione h 1m *On demand available h 1m version Auf Anfrage verfügbar Version h 1m*



(I)

Famiglia di “cubetti” di ridottissime dimensioni nata specificatamente per sfruttare al massimo la nuova tecnologia delle sorgenti Led di potenza.

Adatti per l’installazione a plafone, a terra come proiettore e a parete fissa o regolabile (con apposito kit snodo) ideali per l’illuminazione di spazi commerciali, hall, porticati, aree verdi.

Sorgenti: 4 led da 1W warm e cool white, 1 lampada Micro-Lynx F da 9W a luce calda (disponibile su richiesta versione con luce fredda). Ottiche di tipo concentrante, diffondente, estensive. Disponibile, per le versioni con sorgenti LED, l’alternativa con vetro sabbiato che garantisce un’emissione luminosa più diffondente ed un comfort visivo particolarmente apprezzabile.

Struttura in pressofusione di alluminio verniciato di colore grigio RAL9006 o bianco RAL9003. Alimentazione elettronica integrata.

(UK)

*Family of “little cubes” with extremely reduced dimensions specifically studied in order to make optimum use of the new LED sources technology, suitable for the installation on ceiling, ground or wall, in a fixed position or on the apposite adjustable bracket, therefore carrying out the function of a little floodlight; Led Cube is ideal for the lighting of commercial areas, halls, porticoes, green areas.*

*Light sources: 4 1W warm and cool white LEDs, 1 Micro-Lynx F 9W lamp with warm colour temperature (on demand it is also available with a cool white colour temperature).*

*Available in several optics: narrow beam, wide beam, extensive. In its LED versions, it is also available with sandblasted glass, in order to grant a more extensive light emission and a better and appreciable visual comfort.*

*Die-cast aluminium body, painted in grey RAL9006 or white RAL9003. Integrated electronic wiring.*

(DE)

Familie von “kleinen Würfel” geringer Dimension, besonders entwickelt, um die neue LED-Technologie auszunutzen. Drei Installationsmöglichkeiten: Boden-, Decke- oder Wandinstallation, fest oder auf der geeigneten Bügel, die die Regulierung der Neigung des Geräts erlaubt. Verwendbar im Bereich der architektonischen Beleuchtung, wie z.B. Geschäftsgebiete, Empfangshalle, Arkaden, Grünanlagen.

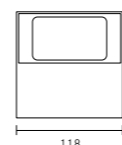
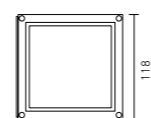
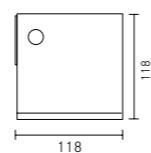
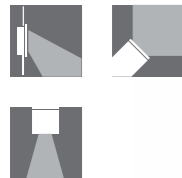
Lichtquellen: 4 1W warm und cool white LEDs, 1 Micro-Lynx F 9W Leuchtmittel in der Farbtemperatur warm weiß (auf Anfrage erhältlich auch in kalt weiß). Lieferbar mit drei verschiedenen Lichtbündel: engstrahlend, breitstrahlend oder extensiv. Die LED-Versionen sind auch mit sandgestrahltem Glas lieferbar, um eine extensivere Lichtausstrahlung und einen besseren visuellen Komfort zu gewährleisten.

Gehäuse aus Aluminiumdruckguss, pulverbeschichtet in der Farbe grau RAL 9006 oder weiß RAL9003. Integriertes elektronisches Vorschaltgerät.



# SMALL LED CUBE

Design by R&S Cariboni Lite



**Accessori Accessories Zubehör**

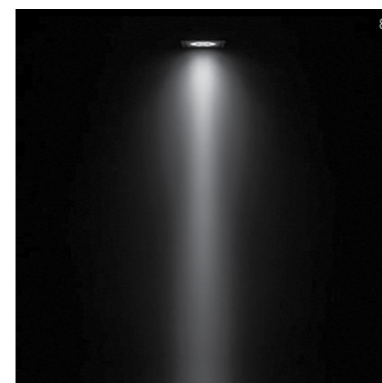


Snodo per fissaggio a parete  
Bracket for wall fastening  
Bügel für Wandinstallation

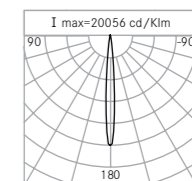
**06LC1901\_**

Picchetto per interramento  
Picket for ground installation  
Pflock für Bodeninstallation

**06LC900C0**



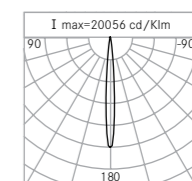
06LC1194_A					
LED	4x1W	350 mA	345 lm	3000 K	



H (m)	Ø (m)	Em(lux)
5	0,93	93
4	0,74	146
3	0,56	259
2	0,37	583
1	0,19	2334



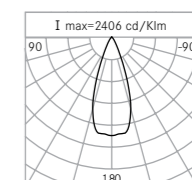
06LC1114_A					
LED	4x1W	350 mA	375 lm	4000 K	



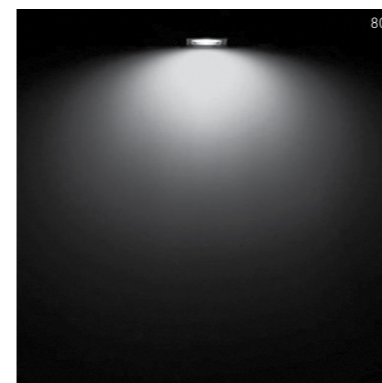
H (m)	Ø (m)	Em(lux)
5	0,93	118
4	0,74	184
3	0,56	327
2	0,37	736
1	0,19	2945



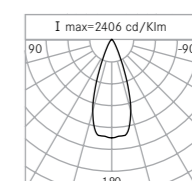
06LC1193_A					
LED	4x1W	350 mA	345 lm	3000 K	



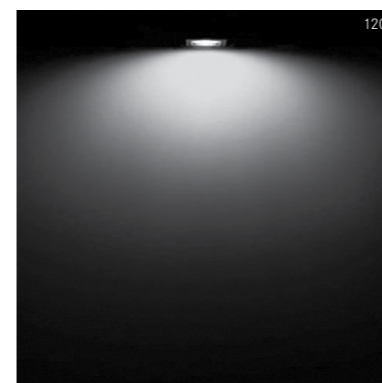
H (m)	Ø (m)	Em(lux)
5	3,54	11
4	2,84	17
3	2,13	31
2	1,41	69
1	0,71	278



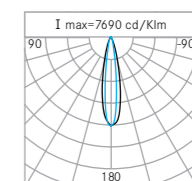
06LC1113_A					
LED	4x1W	350 mA	375 lm	4000 K	



H (m)	Ø (m)	Em(lux)
5	3,54	14
4	2,84	22
3	2,13	39
2	1,41	87
1	0,71	347



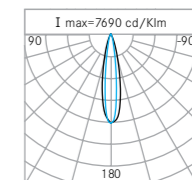
06LC1196_A					
LED	4x1W	350 mA	345 lm	3000 K	



H (m)	axb (m)	Em(lux)
5	2,0x1,24	34
4	1,59x0,98	54
3	1,19x0,74	96
2	0,8x0,49	215
1	0,4x0,25	861



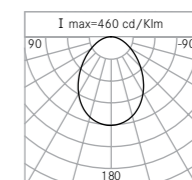
06LC1116_A					
LED	4x1W	350 mA	375 lm	4000 K	



H (m)	axb (m)	Em(lux)
5	2x1,24	43
4	1,59x0,98	67
3	1,19x0,74	119
2	0,8x0,49	267
1	0,4x0,25	1069



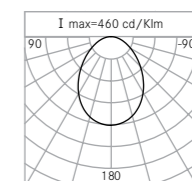
06LC1199_A					
LED	4x1W	350 mA	345 lm	3000 K	



H (m)	Ø (m)	Em(lux)
5	10,34	1
4	8,27	2
3	6,2	3
2	4,14	7
1	2,07	27



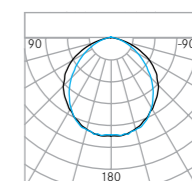
06LC1119_A					
LED	4x1W	350 mA	375 lm	4000 K	



H (m)	Ø (m)	Em(lux)
5	10,34	1
4	8,27	2
3	6,2	4
2	4,14	8
1	2,07	33



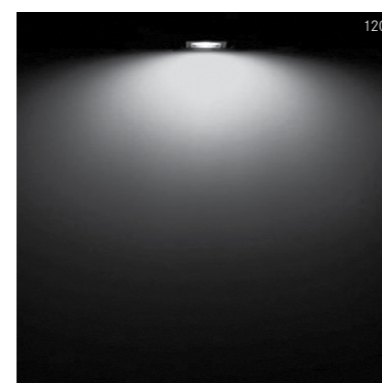
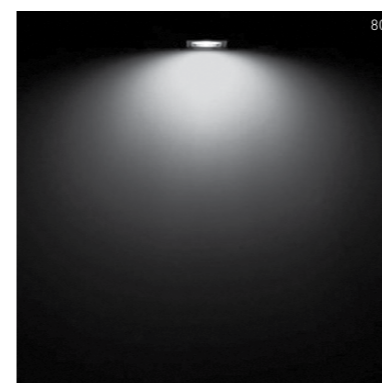
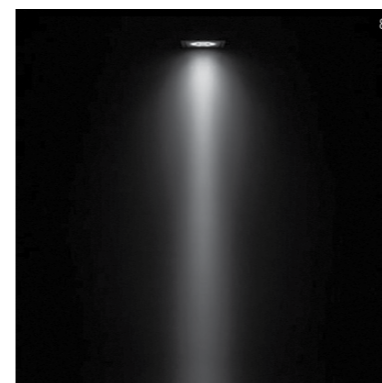
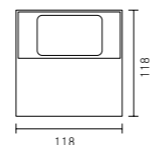
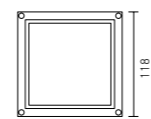
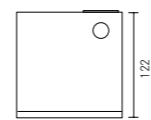
06LC1AFE_A					
FSQ	9W	GX53	330 lm	3000 K	



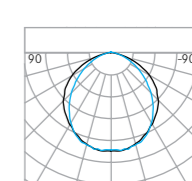
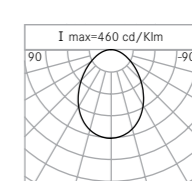
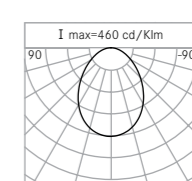
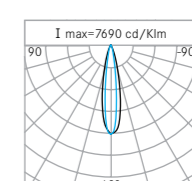
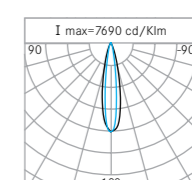
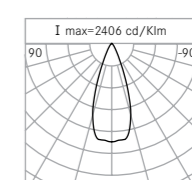
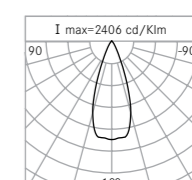
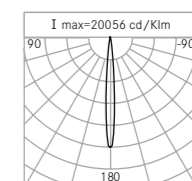
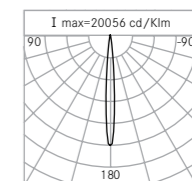
H (m)	Ø (m)	Em(lux)
1	3,04	20
2	6,09	4,5
3	9,13	2
4	12,17	1,5
5	15,21	1

Per definizione colore nel codice sostituire “\_” con  
In order to define the colour of the fitting, replace “\_” in the codes with  
Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
A = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
C = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir  
D = bianco RAL 9003 white RAL 9003 weiß RAL 9003





Model	LED	Power	Current	Lumen	Temp	Color	Beam
<b>06LC1194_</b>	LED	4x1W	350 mA	345 lm	3000 K	Yellow	8°
<b>06LC1114_</b>	LED	4x1W	350 mA	375 lm	4000 K	Yellow	8°
<b>06LC1193_</b>	LED	4x1W	350 mA	345 lm	3000 K	Yellow	40°
<b>06LC1113_</b>	LED	4x1W	350 mA	375 lm	4000 K	Yellow	40°
<b>06LC1196_</b>	LED	4x1W	350 mA	345 lm	3000 K	Yellow	16°/22°
<b>06LC1116_</b>	LED	4x1W	350 mA	375 lm	4000 K	Yellow	16°/22°
<b>06LC1199_</b>	LED	4x1W	350 mA	345 lm	3000 K	Yellow	80°
							Vetro sabbiato <i>Sandblasted glass</i> Sandgestrahltes Glas
<b>06LC1119_</b>	LED	4x1W	350 mA	375 lm	4000 K	Yellow	80°
							Verre sablé <i>Vidrio opal</i> Vidro areado
<b>06LC1AFE_</b>	FSQ	9W	GX53	330 lm	3000 K	Yellow	120°



H (m)	Ø (m)	Em(lux)
5	0,93	93
4	0,74	146
3	0,56	259
2	0,37	583
1	0,19	2334

H (m)	Ø (m)	Em(lux)
5	0,93	118
4	0,74	184
3	0,56	327
2	0,37	736
1	0,19	2945

H (m)	Ø (m)	Em(lux)
5	3,54	11
4	2,84	17
3	2,13	31
2	1,41	69
1	0,71	278

H (m)	Ø (m)	Em(lux)
5	3,54	14
4	2,84	22
3	2,13	39
2	1,41	87
1	0,71	347

H (m)	axb (m)	Em(lux)
5	2,0x1,24	34
4	1,59x0,98	54
3	1,19x0,74	96
2	0,8x0,49	215
1	0,4x0,25	861

H (m)	axb (m)	Em(lux)
5	2x1,24	43
4	1,59x0,98	67
3	1,19x0,74	119
2	0,8x0,49	267
1	0,4x0,25	1069

H (m)	Ø (m)	Em(lux)
5	10,34	1
4	8,27	2
3	6,2	3
2	4,14	7
1	2,07	27

H (m)	Ø (m)	Em(lux)
5	10,34	1
4	8,27	2
3	6,2	4
2	4,14	8
1	2,07	33

H (m)	Ø (m)	Em(lux)
1	3,04	20
2	6,09	4,5
3	9,13	2
4	12,17	1,5
5	15,21	1

Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 A = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 C = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir  
 D = bianco RAL 9003 white RAL 9003 weiß RAL 9003







(I)

Famiglia di “cubetti” di ridottissime dimensioni nata specificatamente per sfruttare al massimo la nuova tecnologia delle sorgenti Led di potenza, adatti per l’installazione a plafone, a parete e a terra ideale per l’illuminazione di spazi commerciali, hall, porticati, aree verdi.

Adatti per l’installazione a plafone, a terra come proiettore e a parete fissa o regolabile (con apposito kit snodo) ideali per l’illuminazione di spazi commerciali, hall, porticati, aree verdi.

Sorgenti: 9 led da 1W warm e cool white, lampada 20W MT attacco GU6,5, lampada fluorescente FSM 18W attacco GX24q-2. Disponibili ottiche di tipo concentrante, diffondente, estensive.

Disponibile, per le versioni con sorgenti LED e lampada 20W MT, l’alternativa con vetro sabbiato che garantisce un’emissione luminosa più diffondente ed un comfort visivo particolarmente apprezzabile.

Struttura in pressofusione di alluminio verniciato di colore grigio RAL9006 o bianco RAL9003. Alimentazione elettronica integrata.

(UK)

Family of “little cubes” with extremely reduced dimensions specifically studied in order to make optimum use of the new LED sources technology, suitable for the installation on ceiling, ground or wall, in a fixed position or on the apposite adjustable bracket, therefore carrying out the function of a little floodlight; Led Cube is ideal for the lighting of commercial areas, halls, porticoes, green areas.

Light sources: 9 1W warm and cool white LEDs, 1 20W MT lamp with GU 6,5 socket, 1 18W fluorescent lamp with GX24q-2 socket.

Available in several optics: narrow beam, wide beam, extensive. In its LED and 20W versions, it is also available with sandblasted glass, in order to grant a more extensive light emission and a better and appreciable visual comfort.

Die-cast aluminium body, painted in grey RAL9006 or white RAL9003. Integrated electronic wiring.

(DE)

Familie von “kleinen Würfel” geringer Dimension, besonders entwickelt, um die neue LED-Technologie auszunutzen. Drei Installationsmöglichkeiten: Boden-, Decke- oder Wandinstallation, fest oder auf der geeigneten Bügel, die die Regulierung der Neigung des Geräts erlaubt. Verwendbar im Bereich der architektonischen Beleuchtung, wie z.B. Geschäftsgebiete, Empfangshalle, Arkaden, Grünanlagen.

Lichtquellen: 9 1W warm und cool white LEDs, 1 20W MT Leuchtmittel mit Fassung GU 6,5, 1 18W Leuchtstoffleuchtmittel mit Fassung GX24q-2.

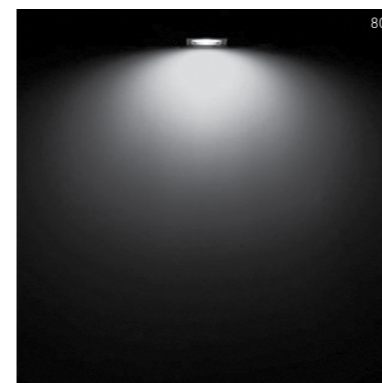
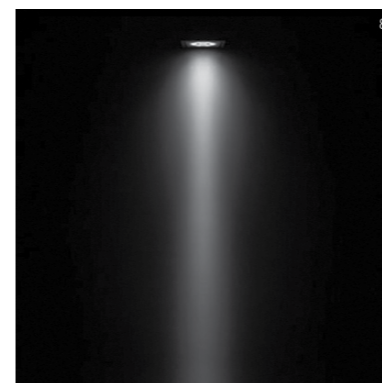
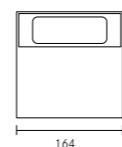
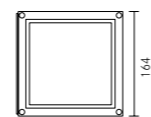
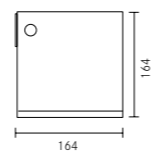
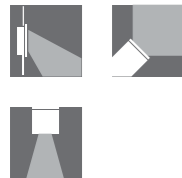
Lieferbar mit drei verschiedenen Lichtbündel: engstrahlend, breitstrahlend oder extensiv. Die LED und 20W-Versionen sind auch mit sandgestrahltem Glas lieferbar, um eine extensivere Lichtausstrahlung und einen besseren visuellen Komfort zu gewährleisten.

Gehäuse aus Aluminiumdruckguss, pulverbeschichtet in der Farbe grau RAL 9006 oder weiß RAL9003. Integriertes elektronisches Vorschaltgerät.

# MEDIUM LED CUBE

Design by R&S Cariboni Lite





**Accessori Accessories Zubehör**



Snodo per fissaggio a parete - grigio RAL9006  
 Bracket for wall fastening - Grey RAL9006  
 Bügel für Wandinstallation - Grau RAL9006

**06LC2901\_**

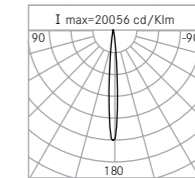
Picchetto per interrimento  
 Picket for ground installation  
 Pflock für Bodeninstallation

**06LC901C0**



**06LC2194\_A**

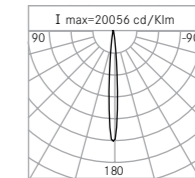
LED	9x1W	350 mA	775 lm	3000 K	
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H (m)	Ø (m)	Em(lux)
5	0,93	211
4	0,74	329
3	0,56	585
2	0,37	1317
1	0,19	5268

**06LC2114\_A**

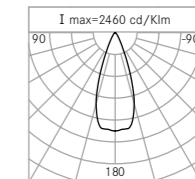
LED	9x1W	350 mA	840 lm	4000 K	
-----	------	--------	--------	--------	--



H (m)	Ø (m)	Em(lux)
5	0,93	263
4	0,74	411
3	0,56	730
2	0,37	1643
1	0,19	6570

**06LC2193\_A**

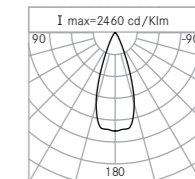
LED	9x1W	350 mA	775 lm	3000 K	
-----	------	--------	--------	--------	--



H (m)	Ø (m)	Em(lux)
5	3,54	25
4	2,84	39
3	2,13	69
2	1,41	156
1	0,71	625

**06LC2113\_A**

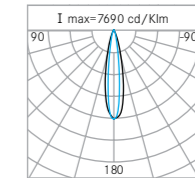
LED	9x1W	350 mA	840 lm	4000 K	
-----	------	--------	--------	--------	--



H (m)	Ø (m)	Em(lux)
5	3,54	31
4	2,84	49
3	2,13	87
2	1,41	195
1	0,71	779

**06LC2196\_A**

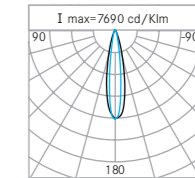
LED	9x1W	350 mA	775 lm	3000 K	
-----	------	--------	--------	--------	--



H (m)	axb (m)	Em(lux)
5	2,0x1,24	78
4	1,59x0,98	121
3	1,19x0,74	216
2	0,8x0,49	485
1	0,4x0,25	1940

**06LC2116\_A**

LED	9x1W	350 mA	840 lm	4000 K	
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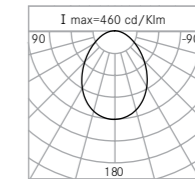


H (m)	axb (m)	Em(lux)
5	2x1,24	96
4	1,59x0,98	150
3	1,19x0,74	267
2	0,8x0,49	600
1	0,4x0,25	2402

**06LC2199\_A**

LED	9x1W	350 mA	775 lm	3000 K	
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Vetro sabbato *Sandblasted glass* Sandgestrahltes Glas

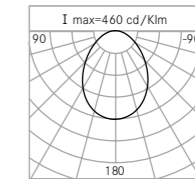


H (m)	Ø (m)	Em(lux)
5	10,34	2
4	8,27	4
3	6,2	7
2	4,14	15
1	2,07	60

**06LC2119\_A**

LED	9x1W	350 mA	840 lm	4000 K	
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Vetro sabbato *Sandblasted glass* Sandgestrahltes Glas



H (m)	Ø (m)	Em(lux)
5	10,34	3
4	8,27	5
3	6,2	8
2	4,14	19
1	2,07	75

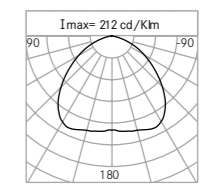
Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit

A = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 C = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir  
 D = bianco RAL 9003 white RAL 9003 weiß RAL 9003



**06LC2BCE\_A**

FSM	18W	GX24-q2	1200 lm	3000 K	●
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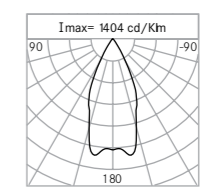


H (m)	Ø (m)	Em(lux)
1	2,59	78
2	5,09	19
3	7,63	9
4	10,19	5
5	12,71	3



**06LC2CIE\_A**

MT	20W	GU6,5	1615 lm	3000 K	●
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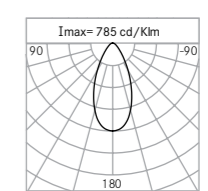
H (m)	Ø (m)	Em(lux)
1	0,86	1140
2	1,71	285
3	2,57	127
4	3,43	71
5	4,28	46



**06LC2CIE\_J**

MT	20W	GU6,5	1615 lm	3000 K	●
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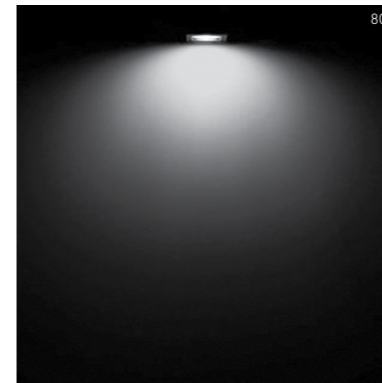
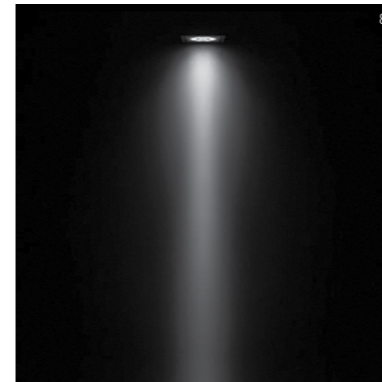
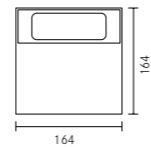
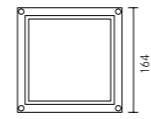
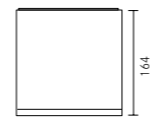
Vetro sabbiato *Sandblasted glass* Sandgestrahltes Glas



H (m)	Ø (m)	Em(lux)
1	0,91	722
2	1,81	181
3	2,72	80
4	3,63	45
5	4,63	29

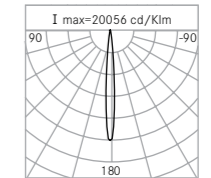
Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit

A = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 C = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir  
 D = bianco RAL 9003 white RAL 9003 weiß RAL 9003



**06LC2194\_**

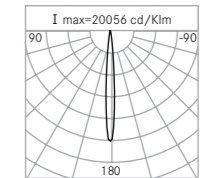
LED	9x1W	350 mA	775 lm	3000 K	●
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H (m)	Ø (m)	Em(lux)
5	0,93	211
4	0,74	329
3	0,56	585
2	0,37	1317
1	0,19	5268

**06LC2114\_**

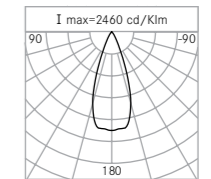
LED	9x1W	350 mA	840 lm	4000 K	●
-----	------	--------	--------	--------	---



H (m)	Ø (m)	Em(lux)
5	0,93	263
4	0,74	411
3	0,56	730
2	0,37	1643
1	0,19	6570

**06LC2193\_**

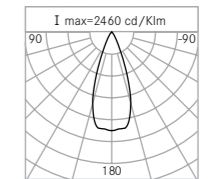
LED	9x1W	350 mA	775 lm	3000 K	●
-----	------	--------	--------	--------	---



H (m)	Ø (m)	Em(lux)
5	3,54	25
4	2,84	39
3	2,13	69
2	1,41	156
1	0,71	625

**006LC2113\_**

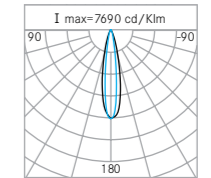
LED	9x1W	350 mA	840 lm	4000 K	●
-----	------	--------	--------	--------	---



H (m)	Ø (m)	Em(lux)
5	3,54	31
4	2,84	49
3	2,13	87
2	1,41	195
1	0,71	779

**06LC2196\_**

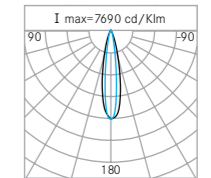
LED	9x1W	350 mA	775 lm	3000 K	●
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H (m)	axb (m)	Em(lux)
5	2,0x1,24	78
4	1,59x0,98	121
3	1,19x0,74	216
2	0,8x0,49	485
1	0,4x0,25	1940

**06LC2116\_**

LED	9x1W	350 mA	840 lm	4000 K	●
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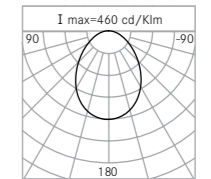


H (m)	axb (m)	Em(lux)
5	2x1,24	96
4	1,59x0,98	150
3	1,19x0,74	267
2	0,8x0,49	600
1	0,4x0,25	2402

**06LC2199\_**

LED	9x1W	350 mA	775 lm	3000 K	●
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Vetro sabbato *Sandblasted glass* Sandgestrahltes Glas

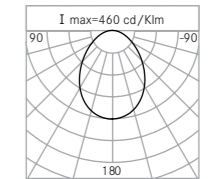


H (m)	Ø (m)	Em(lux)
5	10,34	2
4	8,27	4
3	6,2	7
2	4,14	15
1	2,07	60

**06LC2119\_**

LED	9x1W	350 mA	840 lm	4000 K	●
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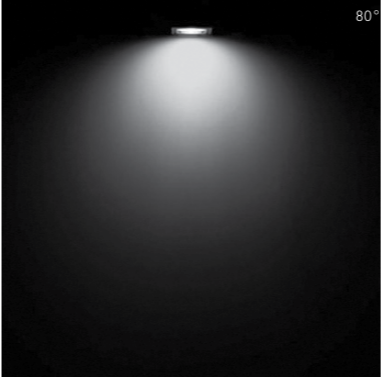
Vetro sabbato *Sandblasted glass* Sandgestrahltes Glas



H (m)	Ø (m)	Em(lux)
5	10,34	3
4	8,27	5
3	6,2	8
2	4,14	19
1	2,07	75

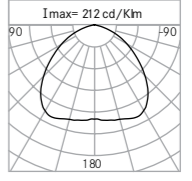
Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit

A = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 C = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir  
 D = bianco RAL 9003 white RAL 9003 weiß RAL 9003



**06LC2BCE\_**

FSM	18W	GX24-q2	1200 lm	3000 K	●
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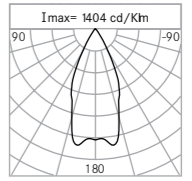


H (m)	Ø (m)	Em(lux)
1	2,59	78
2	5,09	19
3	7,63	9
4	10,19	5
5	12,71	3

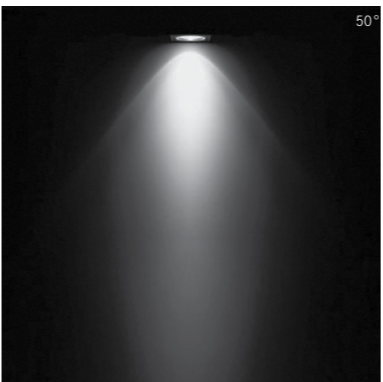


**06LC2CIE\_**

MT	20W	GU6,5	1615 lm	3000 K	●
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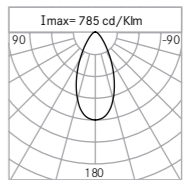
H (m)	Ø (m)	Em(lux)
1	0,86	1140
2	1,71	285
3	2,57	127
4	3,43	71
5	4,28	46



**06LC2CJE\_J**

MT	20W	GU6,5	1615 lm	3000 K	●
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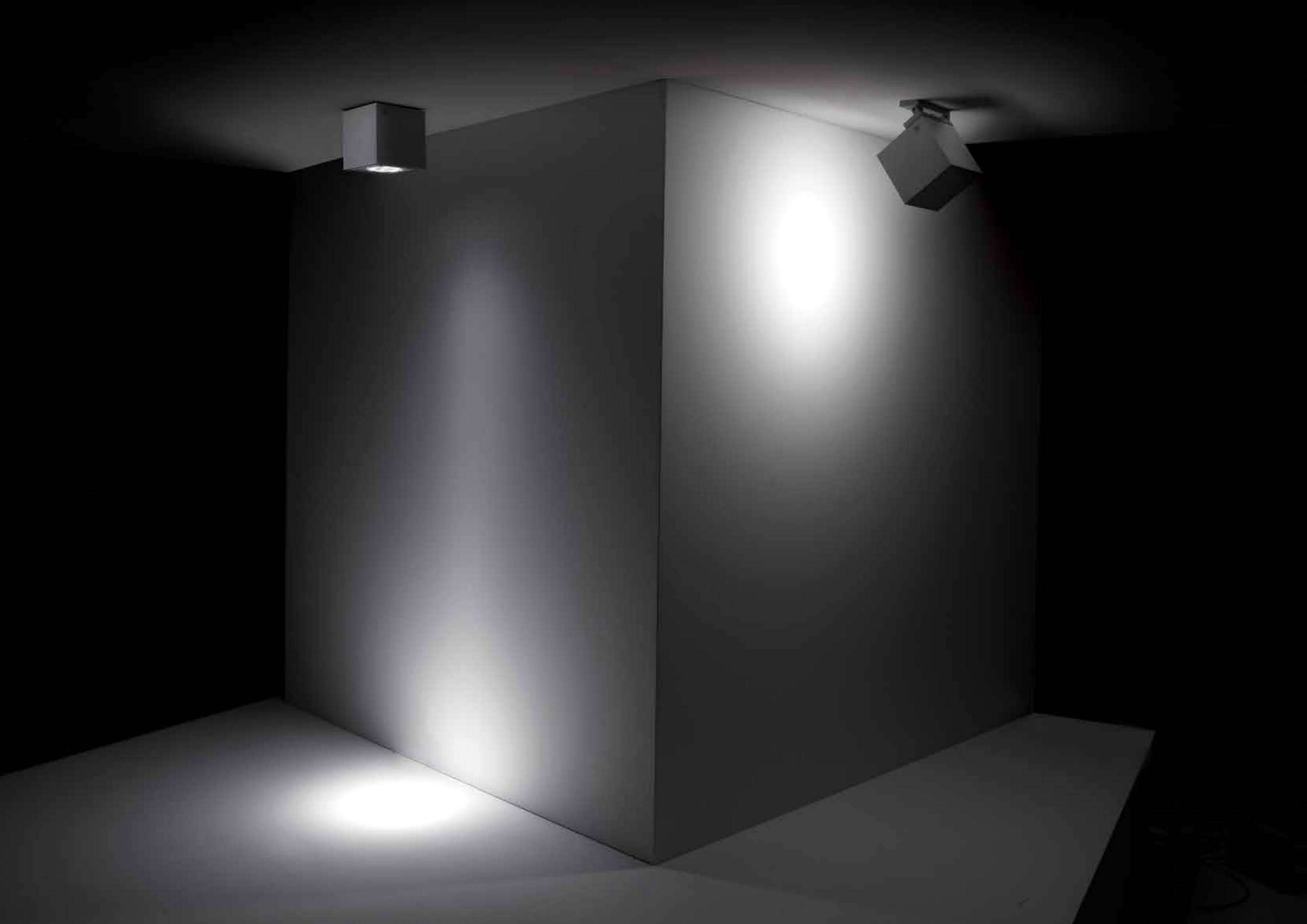
Vetro sabbiato *Sandblasted glass* Sandgestrahltes Glas



H (m)	Ø (m)	Em(lux)
1	0,91	722
2	1,81	181
3	2,72	80
4	3,62	45
5	4,63	29

Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit

A = grigio RAL 9006 *grey RAL 9006* grau RAL 9006  
 C = sablé 100 Noir *dark grey Sablé 100 Noir* Anthrazit Sablé 100 Noir  
 D = bianco RAL 9003 *white RAL 9003* weiß RAL 9003





(IT)

Apparecchio a LED adatto per l'installazione a parete, a terra con picchetto e su palo. Ideale per l'illuminazione di facciate, insegne, spazi commerciali, aree verdi per evidenziare elementi naturali o architettonici e per l'illuminazione di piste ciclo-pedonali, viali e parcheggi .  
Sorgenti: 10, 16 e 20 POWER LED con temperatura colore cool e warm-white. Ottica realizzata in polimero trasparente. Disponibili tre varianti: asimmetrica, rotosimmetrica concentrante e stradale. Corpo e staffa in pressofusione di alluminio. Colori: sablé 100 Noir, grigio RAL9006 e bianco RAL9003.  
Elementi accessori: giunto e prolunga per fissaggio a parete, picchetto per l'installazione a terra e giunto di fissaggio per picchetto, kit di fissaggio per pali, sistemi braccio per l'installazione su palo e sistemi palo conici e conici curvi.

(UK)

*Levante is a LED-floodlight for wall fastening, for installation at ground with a proper stake and on poles.  
Suitable for the lighting of façades, paths, signs, commercial areas, green areas in order to enhance natural or architectural elements and for lighting cycle or pedestrian routes, boulevards and parking places.  
Light sources: 10, 16 and 20 POWER LED with cool and warm white colour temperature.  
The front screen which includes the lenses is realised in transparent polymer .  
Available three optics: asymmetrical, rotosymmetric narrow beam and street optics.  
Die-cast aluminium body and bracket.  
Colours: dark grey Sablé 100 Noir, grey RAL9006 and white RAL9003.  
Accessories: joint and extension for the wall fastening, stake for ground fastening and joint for the connection of the floodlight, fastening kit on poles, brackets for the installation on poles and specific conical and conical curved pole system.*

(DE)

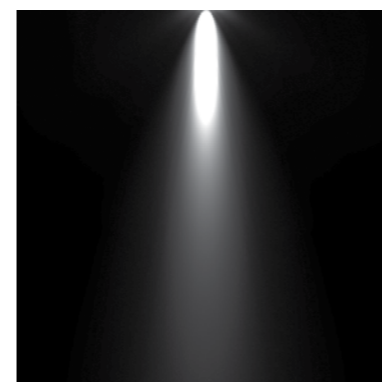
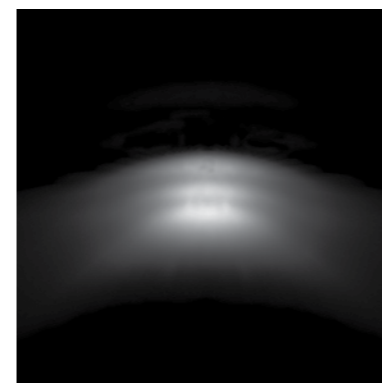
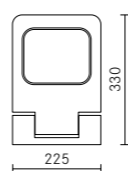
LEVANTE ist ein LED-Strahler, der für Wand-, Mast- oder Bodeninstallation geeignet ist. Es ist besonders geeignet für die Beleuchtung von Fassaden, Geschäftsgebieten, Werbeschilder, Grünzonen, Hervorhebung von architektonische Elemente, Parkplätze, Fahrrad- und Gehwege, Siedlungsstraßen. Lichtquellen: 10, 16 und 20 POWER LEDs, mit warm und kalt weiß Farbtemperatur. Optik aus transparentem Polymer. Erhältlich in 3 verschiedenen Varianten: asymmetrische Optik, engstrahlende rotosymmetrische Optik und Straßenoptik. Gehäuse und Bügel der Leuchte aus Aluminiumdruckguss. Farben: Anthrazit Sablé100Noir, grau RAL9006 und weiß RAL9003. Zubehörteile: Verbindungsstück und Ausleger für Wandbefestigung; Verbindungsstück und Pflock für Bodeninstallation; Verbindungsstück, Mastschellen und Ausleger für Mastinstallation; besonders entwickelte Mastsysteme (konische Masten und konische gebogene Maste) ergänzen das Angebot von Levante.

# LEVANTE SMALL

Design by Silvio De Ponte - R&S Cariboni Lite

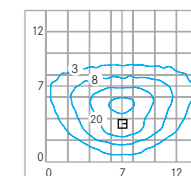
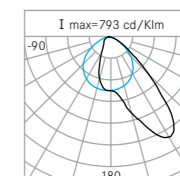






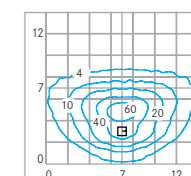
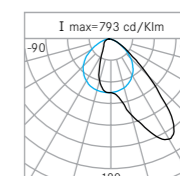
**06LV1B0007\_**

10 LED 20W 2250 lm 4000 K ●  
 Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



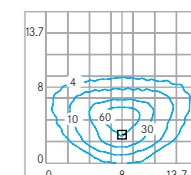
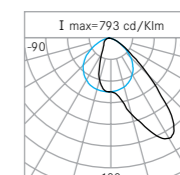
**06LV1B6007\_**

16 LED 30W 3590 lm 4000 K ●  
 Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



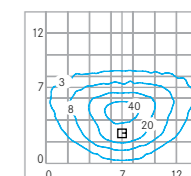
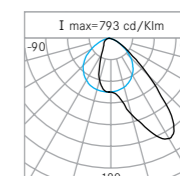
**06LV1C0007\_**

20 LED 40W 4490 lm 4000 K ●  
 Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



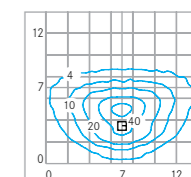
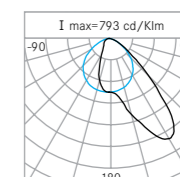
**06LV1B6097\_**

16 LED 30W 2770 lm 3000 K ●  
 Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



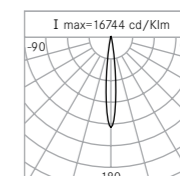
**06LV1C0097\_**

20 LED 40W 3470 lm 3000 K ●  
 Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



**06LV1B0004\_**

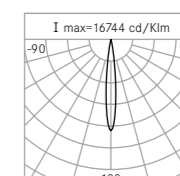
10 LED 20W 2250 lm 4000 K ●  
 Ottica rosimmetrica *Rotosymmetrical Optics* Rotosymmetrische Optik



H (m)	Ø (m)	lux
1	0,21	17487
2	0,42	4372
3	0,64	1743
4	0,84	1093
5	1,05	699

**06LV1C0004\_**

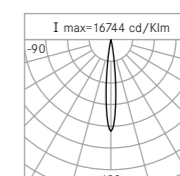
20 LED 40W 4490 lm 4000 K ●  
 Ottica rosimmetrica *Rotosymmetrical Optics* Rotosymmetrische Optik



H (m)	Ø (m)	lux
1	0,21	34113
2	0,42	8528
3	0,64	3790
4	0,84	2132
5	1,05	1365

**06LV1C0094\_**

20 LED 40W 3470 lm 3000 K ●  
 Ottica rosimmetrica *Rotosymmetrical Optics* Rotosymmetrische Optik




H (m)	Ø (m)	lux
1	0,21	24751
2	0,42	6188
3	0,64	2750
4	0,84	1547
5	1,05	990


Ottica stradale codici pag.83 *Street Optics codes page 83* Straßenoptik Codes Seite 83

Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 A = grigio RAL 9006 *grey RAL 9006* grau RAL 9006  
 C = sablé 100 Noir *dark grey Sablé 100 Noir* Anthrazit Sablé 100 Noir  
 D = bianco RAL 9003 *white RAL 9003* weiß RAL 9003

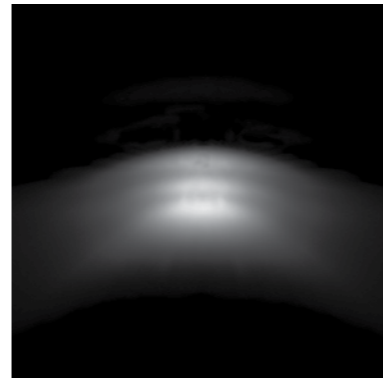
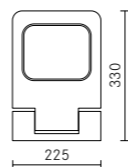
**Accessori Accessories Zubehör**

 L9 Giunto per palo 1xØ60  
 L9 Die cast joint for post-top installation 1xØ60mm  
 L9 Druckguss Mastverbindungstück für 1xØ60mm Mast

**06AK952\_0**

 B1 P Braccio parete 1xØ60  
 B1 P Wall Bracket 1xØ60  
 B1 P Wandausleger 1xØ60

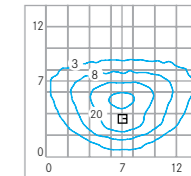
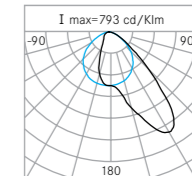
**06AK951\_0**



**06LV1B0007\_**

10 LED 20W 2250 lm 4000 K

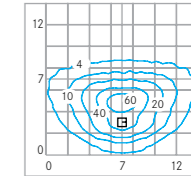
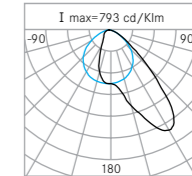
Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



**06LV1B6007\_**

16 LED 30W 3590 lm 4000 K

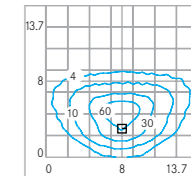
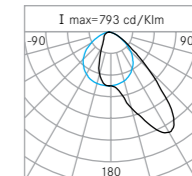
Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



**06LV1C0007\_**

20 LED 40W 4490 lm 4000 K

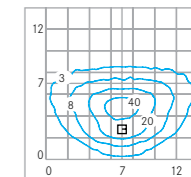
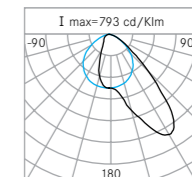
Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



**06LV1B6097\_**

16 LED 30W 2770 lm 3000 K

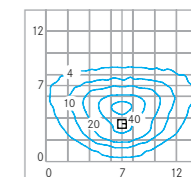
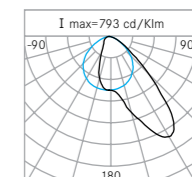
Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



**06LV1C0097\_**

20 LED 40W 3470 lm 3000 K

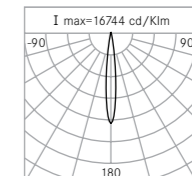
Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



**06LV1B0004\_**

10 LED 20W 2250 lm 4000 K

Ottica rosimmetrica *Rotosymmetrical Optics* Rotosymmetrische Optik

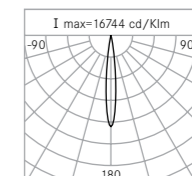


H (m)	Ø (m)	lux
1	0,21	17487
2	0,42	4372
3	0,64	1743
4	0,84	1093
5	1,05	699

**06LV1C0004\_**

20 LED 40W 4490 lm 4000 K

Ottica rosimmetrica *Rotosymmetrical Optics* Rotosymmetrische Optik

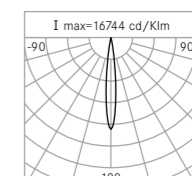


H (m)	Ø (m)	lux
1	0,21	34113
2	0,42	8528
3	0,64	3790
4	0,84	2132
5	1,05	1365

**06LV1C0094\_**

20 LED 40W 3470 lm 3000 K

Ottica rosimmetrica *Rotosymmetrical Optics* Rotosymmetrische Optik



H (m)	Ø (m)	lux
1	0,21	24751
2	0,42	6188
3	0,64	2750
4	0,84	1547
5	1,05	990

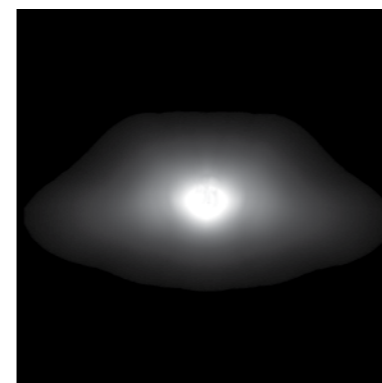
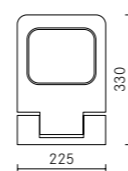
**Accessori Accessories Zubehör**

L9 Giunto per palo 1xØ60  
 L9 Die cast joint for post-top installation 1xØ60mm  
 L9 Druckguss Mastverbindungstück für 1xØ60mm Mast  
**06AK952\_0**

I1 Picchetto 1xØ60 Sablé 100 Noir  
 I1 Stake for ground installation 1xØ60mm, Sablé 100 Noir  
 I1 Pflock für Bodeninstallation 1xØ60, Sablé 100 Noir  
**06AK953C0**



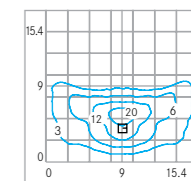
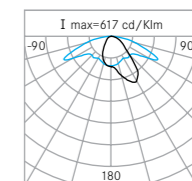
Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 A = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 C = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir  
 D = bianco RAL 9003 white RAL 9003 weiß RAL 9003



**06LV1B0008\_HM3**

10 LED 20W 2250 lm 4000 K

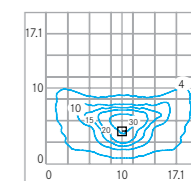
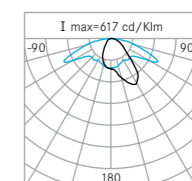
Ottica stradale *Street Optics* Straßenoptik



**06LV1B6008\_HM3**

16 LED 30W 3590 lm 4000 K

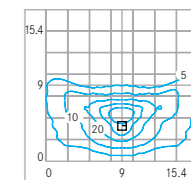
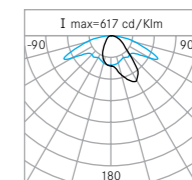
Ottica stradale *Street Optics* Straßenoptik



**06LV1C0008\_HM3**

20 LED 40W 4490 lm 4000 K

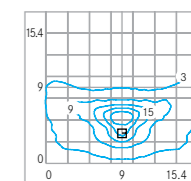
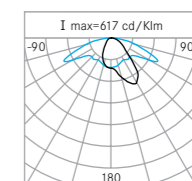
Ottica stradale *Street Optics* Straßenoptik



**06LV1B6098\_HM3**

16 LED 30W 2770 lm 3000 K

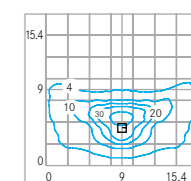
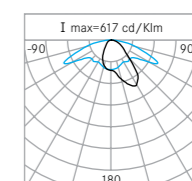
Ottica stradale *Street Optics* Straßenoptik



**06LV1C0098\_HM3**

20 LED 40W 3470 lm 3000 K

Ottica stradale *Street Optics* Straßenoptik



**Accessori Accessories Zubehör**



L9 Giunto per palo 1xØ60

L9 Die cast joint for post-top installation 1xØ60mm

L9 Druckguss Mastverbindungstück für 1xØ60mm Mast

**06AK952\_0**



Il prodotto è fornito completo di sistema di programmazione del flusso luminoso (pag. 90)

The fitting is provided with the system for the power reduction of the luminous flux (page 90)

Die leuchte wird mit einen System für die Lichtsteuerung mit Programmierung des Lichtfluxes geliefert (Seite 90)

**06PA0001\_**

Palo Conico Curvo Singolo+Tronchetto Ø60 H=4 m

Conical curved pole with single arm Ø60, H=4,0m

Gebogener Konischer Mast, mit Einzelarm Ø60, H=4m

**06PA0002\_**

Palo Conico Curvo Doppio +Tronchetti Ø60 H=4 m

Conical curved pole with double arm Ø60, H=4 m

Gebogener Konischer Mast, mit Doppelarm Ø60, H=4 m

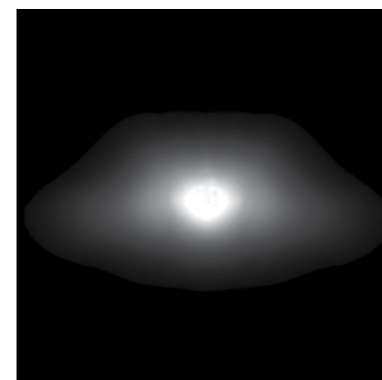
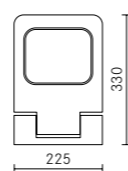
Per definizione colore nel codice sostituire “\_” con

In order to define the colour of the fitting, replace “\_” in the codes with

Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit

A = grigio RAL 9006 grey RAL 9006 grau RAL 9006

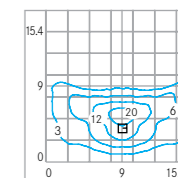
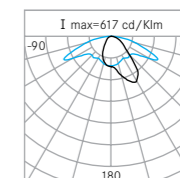
C = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir



**06LV1B0008\_HM3**

10 LED 20W 2250 lm 4000 K

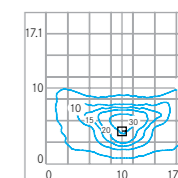
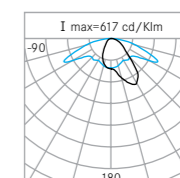
Ottica stradale *Street Optics* Straßenoptik



**06LV1B6008\_HM3**

16 LED 30W 3590 lm 4000 K

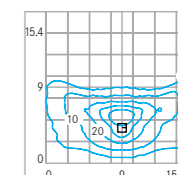
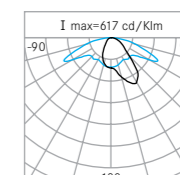
Ottica stradale *Street Optics* Straßenoptik



**06LV1C0008\_HM3**

20 LED 40W 4490 lm 4000 K

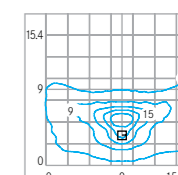
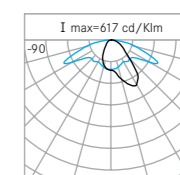
Ottica stradale *Street Optics* Straßenoptik



**06LV1B6098\_HM3**

16 LED 30W 2770 lm 3000 K

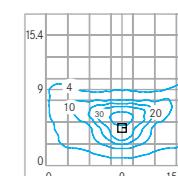
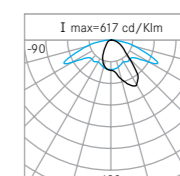
Ottica stradale *Street Optics* Straßenoptik



**06LV1C0098\_HM3**

20 LED 40W 3470 lm 3000 K

Ottica stradale *Street Optics* Straßenoptik



Per definizione colore nel codice sostituire “\_” con

In order to define the colour of the fitting, replace “\_” in the codes with

Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit

A = grigio RAL 9006 grey RAL 9006 grau RAL 9006

C = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir

**Accessori Accessories Zubehör**

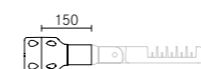


L9 Giunto per palo 1xØ60

L9 Die cast joint for post-top installation 1xØ60mm

L9 Druckguss Mastverbindungstück für 1xØ60mm Mast

**06AK952\_0**

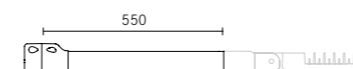


**06AK903\_0**

L3 Kit giunto singolo per palo Ø60-76

L3 Simple Joint for post Ø60-76mm,

L3 Kit Einzelmastanschlussstück für Ø60-76 Mast



**06AK921\_0**

B1 Braccio Ø60

B1 Arm Ø60

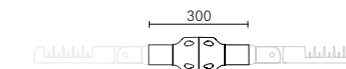
B1 Arm Ø60

**06PA0003\_2**

Palo Conico cimapalo Ø60 H=4 m

Conical pole pole top Ø60 H=4 m

Konischer Mast, Mastkopf Ø60, H=4 m

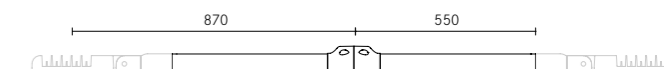


**06AK904\_0**

L4 Kit giunto doppio per palo Ø60-76

L4 Double Joint for Post Ø60-76mm

L4 Kit Doppelmastanschlussstück für Ø60-76 Mast



**06AK922\_0**

B2 Braccio doppio Ø60

B2 Double Arm Ø60

B2 Doppelarm Ø60

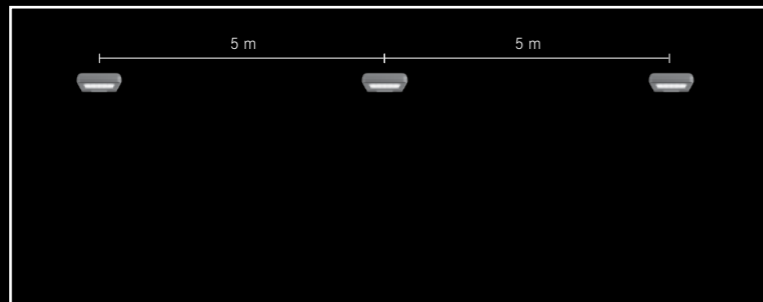
Il prodotto è fornito completo di sistema di programmazione del flusso luminoso (pag. 90)

The fitting is provided with the system for the power reduction of the luminous flux (page 90)

Die Leuchte wird mit einem System für die Lichtsteuerung mit Programmierung des Lichtflusses geliefert (Seite 90)



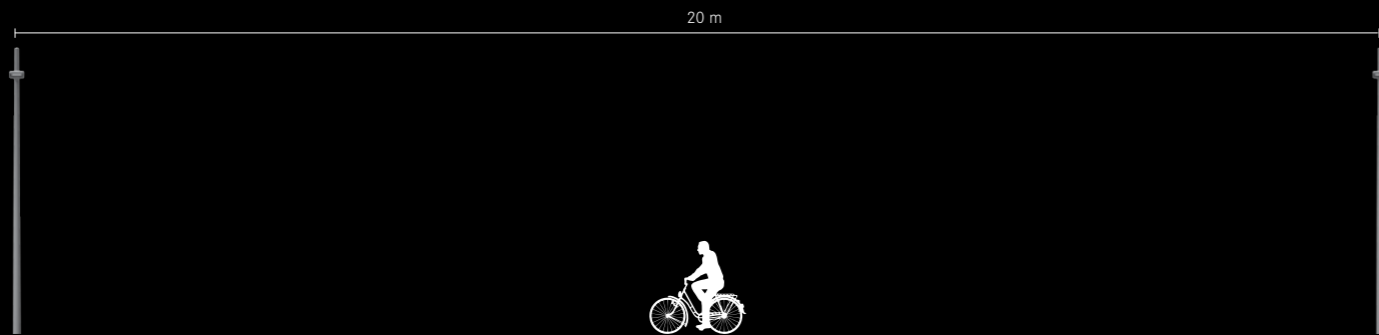
Perimetrale Building's perimeter Gebäudeumfang



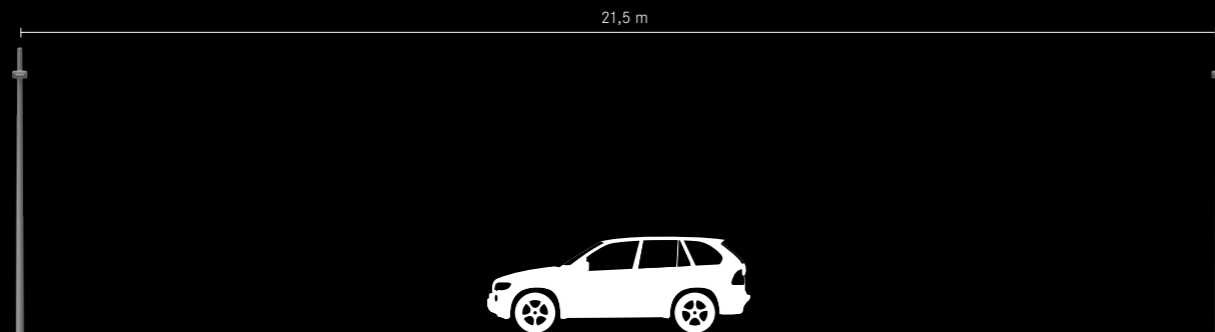
Pannello pubblicitario Advertising sign Werbeschild



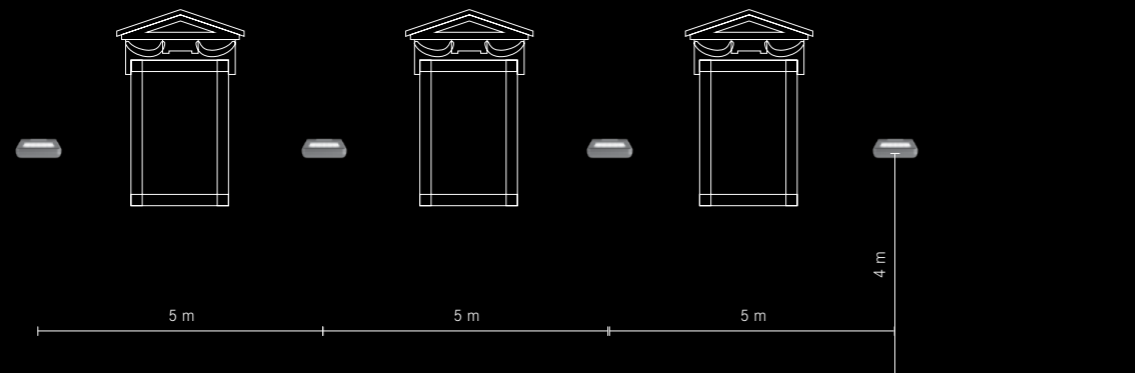
Ciclabile Cycle Routes Fahrradwege



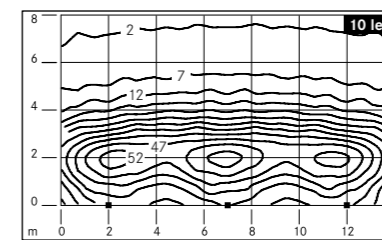
Strada Street Straße



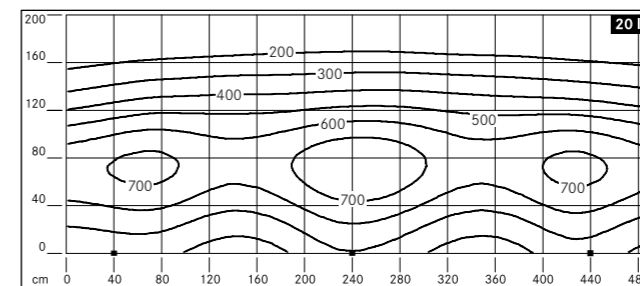
Facciata Façade Fassade



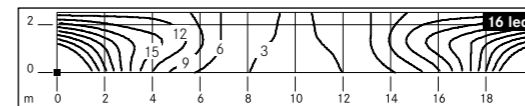
	Lm	La.z	Lu.z	D	H	Emed (lux)
10 Led Optic AS 4000 K	2250	14	8	5	4	24



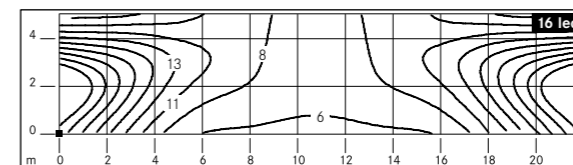
	Lm	La.z	Lu.z	D	S	Emed (lux)	U0 (Em)
20 Led Optic AS 4000 K	4490	5	2	2	1,5	507	0,28



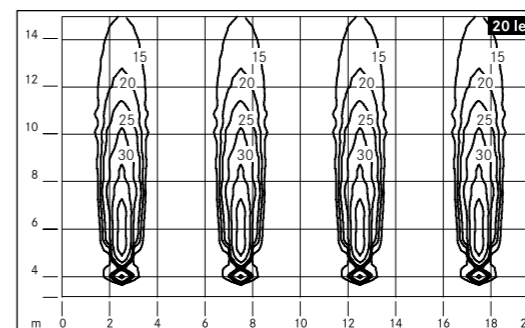
	Lm	n	La	H	D	K	Ar	Emed	Emin
UNI 11248 (S1)								15	5
20 Led optic STR 3000 K	3470	2	2,5	4	20	5	1	15	5



	Lm	n	La	H	D	K	Lm	Uo	UI	Ti	Sr	Emed
UNI 11248 (Me4b)							0,75	0,4	0,5	<15%	>0,5	
16 Led optic STR 4000 K	3590	2	5	5	21,5	4,3	0,75	0,42	0,56	14,64	0,55	12



	Lm	La.z	H	D
20 Led Optic ROT	4490	20	15	5



Lm = Flusso lm  
Flux lm  
Fluss lm

n = N° corsie  
N° lanes  
N° Fahrbahnen

La = Larghezza strada  
Street width  
Straßenbreite

H = Altezza  
Height  
Höhe

D = Interdistanza  
Interdistance  
Abstand

K = D/H

La.z = Larghezza area  
Area width  
Flächenbreite

Lu.z = Lunghezza area  
Area length  
Flächenlänge

Emed[lux] = Illuminamento medio  
Average illumination  
Mittlere Beleuchtung

Uo(Em) = Uniformità generale  
General uniformity  
Gleichmäßigkeit

Lm[Cd/m2] = Luminanza media  
Medium luminance  
Mittlere Leuchtdichte

U0(Lm) = Uniformità generale  
General uniformity  
Gleichmäßigkeit

UI(Lm) = Uniformità longitudinale  
Lengthwise uniformity  
Längsgleichmäßigkeit

Ti% = Indice di abbagliamento  
Dazzling index  
Blendungsindex

Sr = Rapporto di contiguità  
Contiguity ratio  
Näheverhältnis

S = Lunghezza sbraccio  
Arm length  
Länge des Arms

Ar = Arretramento palo  
Post withdrawal  
Lichtpunktüberhang

STR. = Ottica stradale  
Street Optique  
Straßenoptik

LED SYSTEM	N° LED	K	Potenza totale apparecchio Total absorbed power Systemleistung	Potenza totale piastra LED Led plate absorbed power Leistung der LED-Platine	Flusso luminoso fuori apparecchio Lumen output of the fitting Lumenoutput der Leuchte	Flusso luminoso nominale Led plate nominal lumen output Nennlumenoutput der LED-Platine
<b>LEVANTE MEDIUM</b>	20	4000	45	40	3820	4270
ottica stradale street optics	30	4000	70	60	5730	6400
straßenoptik	40	4000	90	80	7640	8530
	20	3000	45	40	2620	2930
	30	3000	70	60	3930	4380
	40	3000	90	80	5240	5850
<b>LEVANTE MEDIUM</b>	20	4000	45	40	3820	4270
ottica asimmetrica asymmetric optics	30	4000	70	60	5730	6400
asymmetrische optik	40	4000	90	80	7640	8530
	20	3000	45	40	2620	2930
	30	3000	70	60	3930	4380
	40	3000	90	80	5240	5850
<b>LEVANTE SMALL</b>	10	4000	24	20	1910	2250
ottica stradale street optics	16	4000	36	30	3050	3590
straßenoptik	20	4000	45	40	3810	4490
	16	3000	36	30	2350	2770
	20	3000	45	40	2940	3470
<b>LEVANTE SMALL</b>	10	4000	24	20	1820	2250
ottica asimmetrica asymmetric optics	16	4000	36	30	2900	3590
asymmetrische optik	20	4000	45	40	3630	4490
	16	3000	36	30	2240	2770
	20	3000	45	40	2790	3470
<b>LEVANTE SMALL</b>	10	4000	24	20	1710	2250
ottica rotosimmetrica rotosymmetrical optics	20	4000	45	40	3420	4490
rotosymmetrisch optik	20	3000	45	40	2790	3470

<sup>(IT)</sup> Scopo fondamentale della regolazione del flusso luminoso è il risparmio energetico, conseguenze dirette sono la diminuzione dell'inquinamento luminoso e della generazione di CO2. I sistemi di regolazione gestiscono il flusso in uscita per mezzo di elettroniche dedicate. Tali elettroniche possono essere preprogrammate o con programmazioni basate su autoapprendimento oppure per mezzo di segnali inviati da apposite centrali di telecontrollo su cavi dedicati, cavi di rete o wireless. L'intensità dei LED può essere diminuita fino a livelli molto bassi senza compromettere la stabilità della temperatura di colore della luce e dell'indice di resa cromatica, e senza diminuire l'efficienza.

Nel grafico seguente si vede come incide pesantemente sui consumi la gestione del flusso luminoso:

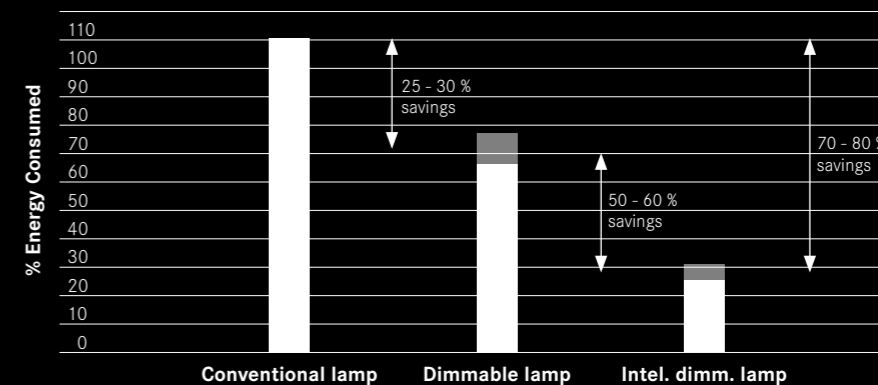
### Energy consumption index

Per lampada dimmerata si intende una gestione della luce con variazione "rigida" dei livelli luminosi, ossia indipendente dalle variabili ambientali; la dimmerazione intelligente si basa invece sull'analisi dell'ambiente esterno e del tempo (per esempio un sistema di autoapprendimento che calcola i tempi di commutazione dei livelli in funzione delle stagioni). Tra le possibili soluzioni atte alla gestione dei livelli di flusso luminoso negli apparecchi con sorgente luminosa a LED Cariboni Group ha deciso di rendere disponibili le seguenti:

1. Autoapprendimento (mezzanotte virtuale) con possibilità di programmazione
2. Onde convogliate

<sup>(UK)</sup> Preliminary remarks: the fundamental aim of the luminous flux regulation is energy saving, direct consequences are the reduction of lighting pollution and CO2 generation. The available management devices control the light emission by means of proper electronic devices. These devices can be pre-programmed either with systems based on self-learning or by means of signals, sent by apposite remote control systems on proper cables, net cables or wireless. The intensity of the LEDs can be reduced up to very low levels without compromising the stability of the colour temperature of the light and the colour rendering index, without reducing the efficiency.

In the following graphic you can see how the management of the luminous flux heavily affects the consumptions:



By dimmable lamp we mean the dimming of the light with "fixed" variations of the luminous levels, independently from the environmental factors; the intelligent dimmable lamp, instead, is based on the analysis of the environment and the time (for instance, a self-learning system which calculates the switching-on and -off times, also according to the seasons). Among the possible suitable solutions for the management of the luminous flux levels, which can be used in the fittings with LED light sources, Cariboni Group has decided to make available the following:

1. Self-learning (virtual midnight) with possibility of regulation
2. Remote monitoring and control system

<sup>(DE)</sup> Das Ziel der Leistungsreduzierung durch das Management des Lichtstromes ist Energie-sparen, die positiven Auswirkungen sind das Absenken der Lichtverschmutzung und der Emission von CO2. Lichtsteuerungssysteme steuern den Lichtstrom durch speziell entwickelte elektronische Komponenten. Diese Systeme können verschiedene Lösungen anbieten: Vorschaltgeräte, die werkseitig programmiert werden; intelligente Vorschaltgeräte oder externe Systeme die auf die Selbsterlernung der virtuellen Mitternacht basieren; Steuergeräte zur Remote-Kontrolle die durch zusätzliche Steuerleitungen, durch über das Netz aufmodulierte Signale oder durch andere wireless Systeme funktionieren. Der Lichtstrom der LEDs kann auf niedriges Niveau abgesenkt werden, ohne die Stabilität der Farbtemperatur des Lichtes, des Farbwiedergabeindex und die Effizienz negativ zu beeinflussen.

Der folgenden Tabelle entnimmt man wie die Steuerung des Lichtstromes den Energieverbrauch beeinflussen kann:

Als "Dimmable lamp" (dimmbare Leuchte) wird hier ein Managementsystem gemeint, das eine "werkseitig" definierte Leistungsreduzierung vorsieht, ohne die variablen Umweltfaktoren zu berücksichtigen. Die intelligente Lichtsteuerung (Intelligent dimmable lamp) basiert dagegen auf der Analyse der Umweltfaktoren wie Jahreszeiten, die Elektronik des Vorschaltgerätes „erlernt“ auf Basis der Dauer der Einschaltzeiten die Zeiten der Leistungsreduzierung. Unten den verschiedenen Lösungsmöglichkeiten für die Lichtsteuerung von LED-Leuchten, hat die Cariboni Group entschieden, folgende Steuerungen in ihren Leuchten anzubieten:

1. Steuerung über Selbsterlernung (virtuelle Mitternacht) mit Möglichkeit der Programmierung.
2. Steuerung durch über das Netz aufmodulierte Signale

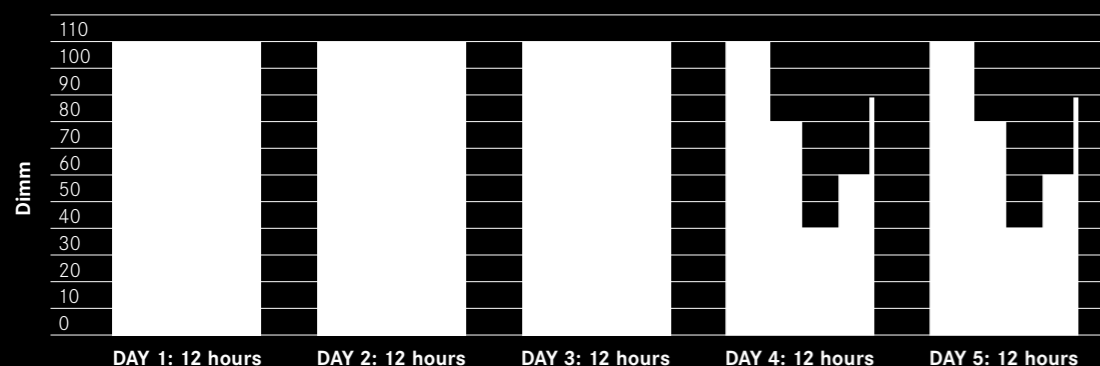
### 1. AUTOAPPRENDIMENTO (MEZZANOTTE VIRTUALE) CON POSSIBILITÀ DI PROGRAMMAZIONE SELF-LEARNING (VIRTUAL MIDNIGHT) WITH POSSIBILITY OF REGULATION SELBSTERLERNUNG (VIRTUELLE MITTERNACHT) MIT MÖGLICHKEIT DER PROGRAMMIERUNG

#### 1a. Sistema di regolazione flessibile sia del flusso luminoso che dei tempi di riduzione Flexible regulation system of both the luminous flux and the reduction time Möglichkeit der Regulierung des Lichtstromes und der Zeiten der Leistungsreduzierung

<sup>(IT)</sup> Nel prodotto viene inserito il driver elettronico, prodotto da **PHILIPS**, che viene fornito con sistema Dynadim completamente integrato. Questa funzione, regolabile mediante l'utilizzo di un software, consente la regolazione della luce e dei tempi, fino a 5 livelli.  
Il tempo virtuale dell'orologio, viene determinato dal funzionamento del driver nelle prime 3 notti, dopo di che, calcolata la mezzanotte virtuale, esegue automaticamente la dimmerazione programmata.

<sup>(UK)</sup> In this case, the electronic driver which is installed in the fittings is produced by **PHILIPS** and it is supplied with a Dynadim system, completely integrated. This function, adjustable through the connection to a software, enables the regulation of flux and time, up to 5 levels.  
The virtual time of the timer is determined during the functioning of the driver in the first 3 nights; then, after the calculation of the virtual midnight, it automatically carries out the scheduled dimming.

<sup>(DE)</sup> Diese Variante wird mit einem elektronischen Vorschaltgerät mit integriertem **PHILIPS** Dynadim System ausgestattet. Dieses Vorschaltgerät kann durch die Verwendung einer Software programmiert werden und ermöglicht die freie Regulierung des Prozentsatzes Lichtstromabsenkung und der Zeiten der Leistungsreduzierung, bis max. 5 Niveaus.  
Die Selbsterlernung der virtuellen Zeit erfolgt in den ersten drei Nächten im Betrieb; nach dieser Periode startet die programmierte Leistungsreduzierung.

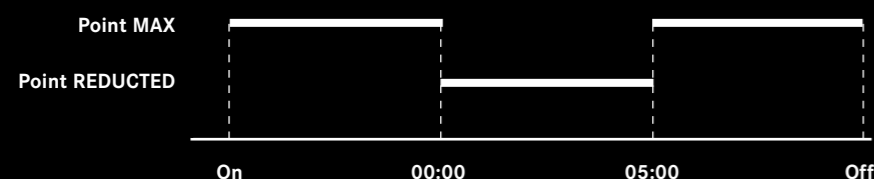


#### 1b. Sistema di regolazione del flusso luminoso, periodo fisso Regulation system of the luminous flux, fixed tim Möglichkeit der Regulierung des Lichtstromes jedoch mit festen Zeiten der Leistungsreduzierung

<sup>(IT)</sup> È possibile impostare il livello di dimmerazione regolando la corrente, mediante l'utilizzo di microswitch.  
La regolazione del flusso luminoso può variare dal 100% al 55% con step del 5%.  
L'analisi della durata delle notti con identificazione della mezzanotte virtuale, viene effettuata sulle prime 10 notti, una volta identificata, i driver attueranno la riduzione dalla mezzanotte virtuale per le 5 ore successive.

<sup>(UK)</sup> By means of a microswitch, it is possible to set up the dimming level by regulating the current.  
The regulation of the luminous flux can vary from 100% to 55% with adjustment possibility each 5%.  
The analysis of the duration of the nights, with identification of the virtual midnight, is realised during the first 10 nights; once identified, the drivers carries out the power reduction starting from the virtual midnight, for a fixed time of 5 hours. (The duration of the period is not adjustable).

<sup>(DE)</sup> Das Niveau der gewünschten Leistungsreduzierung wird mittels eines «Microswitch-Schalters» am elektronischem Vorschaltgerät eingestellt.  
Die Leistungsreduzierung kann von 100% bis 55% voreingestellt werden, in 5% Schritten. Das Vorschaltgerät analysiert in diesem Fall die Dauer der Nacht und der Betriebsstunden für eine Periode von 10 Nächten; nach dieser Periode identifiziert das Vorschaltgerät die virtuelle Mitternacht (Mittelpunkt der Betriebsstunden); die Leistungsreduzierung erfolgt für eine Zeit von 5 Stunden ab der virtuellen Mitternacht.



#### 1c. Sistema di regolazione dei tempi di riduzione, flusso fisso Regulation system of the power reduction time, fixed flux Möglichkeit der Regulierung der Zeiten aber mit fixem Prozentsatz der Leistungsreduzierung

<sup>(IT)</sup> Il driver può essere dimmerato, tramite un segnale a 230V (fig.2), fornito da un dispositivo che ha la funzione di orologio, per il calcolo della mezzanotte virtuale. Una volta definito l'orario di dimmerazione, il dispositivo emette il segnale al driver che passa alla potenza ridotta, da 700 a 400 mA (da 100 al 60%) per un minimo di 6 ore.  
Questo periodo di riduzione della potenza, può essere esteso ad un massimo di 10 ore (2 ore prima e/o dopo), mediante il selettore.

<sup>(UK)</sup> The driver can be dimmed, by means of a 230V signal (pict. 2) and it is supplied with an integrated timer for the calculation of the virtual midnight. Once the dimming time has been defined, the system passes the signal to the driver which carries out the power reduction, from 700mA to 400 mA (from 100% to 60%) for a minimum time of 6 hours. This reduction time of the power can be extended to a maximum of 10 hours (2 hours before and/or after), by means of a selector.

<sup>(DE)</sup> Das elektronische Vorschaltgerät der Leuchte wird durch den intelligenten Leistungsumschalter VS PR 12K LC angesteuert und benötigt keine Steuerleitung. Der Leistungsumschalter ermöglicht über die gemessene Brenndauer einer Beleuchtungsanlage, den Anfangszeitpunkt des leistungsreduzierten Betriebes zu bestimmen. Der werkseitig programmierte Prozentsatz der Leistungsreduzierung ist mit 40% festgelegt. Eine aufwendige Anpassung der Leistungsreduzierungszeit an den sich laufend ändernden Tag-Nacht-Zyklus nicht mehr erforderlich, auch eine Sommer/Winterumstellung entfällt ebenfalls. Die Reduzierdauer kann individuell zwischen 6 und 10 Stunden mit Wahlschalter programmiert werden.

0	Test	Factory setting: 5 seconds on full load, followed by powewr reduction			
1	0/0	0	6	0	6
2	0/1	0	6	1	7
3	0/2	0	6	2	8
4	0.05/0	0.5	6	0	6.5
5	0.05/1	0.5	6	1	7.5
6	0.05/2	0.5	6	2	8.5
7	1/0	1	6	0	7
8	1/1	1	6	1	8
9	1/2	1	6	2	9
A	1.5/0	1.5	6	0	7.5
B	1.5/1	1.5	6	1	8.5
C	1.5/2	1.5	6	2	9.5
D	2/0	2	6	0	8
E	2/1	2	6	1	9
F	2/2	2	6	2	10



### 2 ONDE CONVOGLIATE REMOTE MONITORING AND CONTROL SYSTEM STEUERUNG ÜBER AUFMODULIERTE SIGNALE

<sup>(IT)</sup> Tramite la comunicazione ad onde convogliate, quindi senza cavi aggiuntivi nell'impianto, è possibile comunicare con ogni singolo punto luce.  
È così possibile monitorare il funzionamento e definire il comportamento di ciascun apparecchio a LED in base a standard luminosi predefiniti.  
Una centralina di telecomando, gestita da remoto, monitorizza 24 ore al giorno ogni punto luce.

<sup>(UK)</sup> Through the remote monitoring and control system communication (without additional cables in the installation), it is possible to communicate with every single lighting fitting.  
In this way it is possible to monitor the functioning and define the behaviour of each LED fitting, on the basis of pre-defined luminous standard.  
A central control unit in each installation, which can also be remote controlled, monitors every lighting fitting 24 hours a day.

<sup>(DE)</sup> (ohne zusätzliche Kabel in der Netzinstallation) kann man die Funktion der Lichtpunkte überwachen und den Lichtstrom jeder Leuchte gemäß der Anforderungen regulieren.  
Ein zentrales Steuergerät wird in die Beleuchtungsanlage eingebunden: dieses wird 24 Stunden pro Tag die Leuchten überwachen und die Möglichkeit bieten, jeden Lichtpunkt durch Remote-Kontroll anzusteuern.  
Die Steuersysteme, die mit unserer Leuchten verwendet werden können, sind: REVERBERI, UMPI, POWER ONE.

(IT)

Apparecchio a LED adatto per l'installazione a parete, a terra con picchetto e su palo. Ideale per l'illuminazione di facciate, aree sportive, spazi commerciali, aree verdi e per l'illuminazione di piste ciclo-pedonali e strade. Sorgenti: 20, 30 e 40 POWER LED con temperatura colore cool e warm white. Ottica composta da moduli di riflettori realizzati per stampaggio ad iniezione di policarbonato trasparente e successivamente sottoposti ad un processo di metallizzazione superficiale sottovuoto. Il sistema ottico è progettato in modo che ogni riflettore dia il medesimo solido fotometrico garantendo così la copertura illuminotecnica dell'intera area anche nel caso in cui un LED si dovesse spegnere. Disponibili ottiche di tipo asimmetrica e stradale. Corpo e staffa in pressofusione di alluminio. Colori: sablé 100 Noir, grigio RAL9006 e bianco RAL9003. Elementi accessori: giunto e prolunga per fissaggio a parete; picchetto per l'installazione a terra e giunto di fissaggio per picchetto; kit di fissaggio per pali, sistemi braccio per l'installazione su palo e sistemi palo conici, quadri e conici curvi. Disponibili sistemi di programmazione dell'accensione, spegnimento e riduzione del flusso luminoso di ogni singolo punto luce.

(UK)

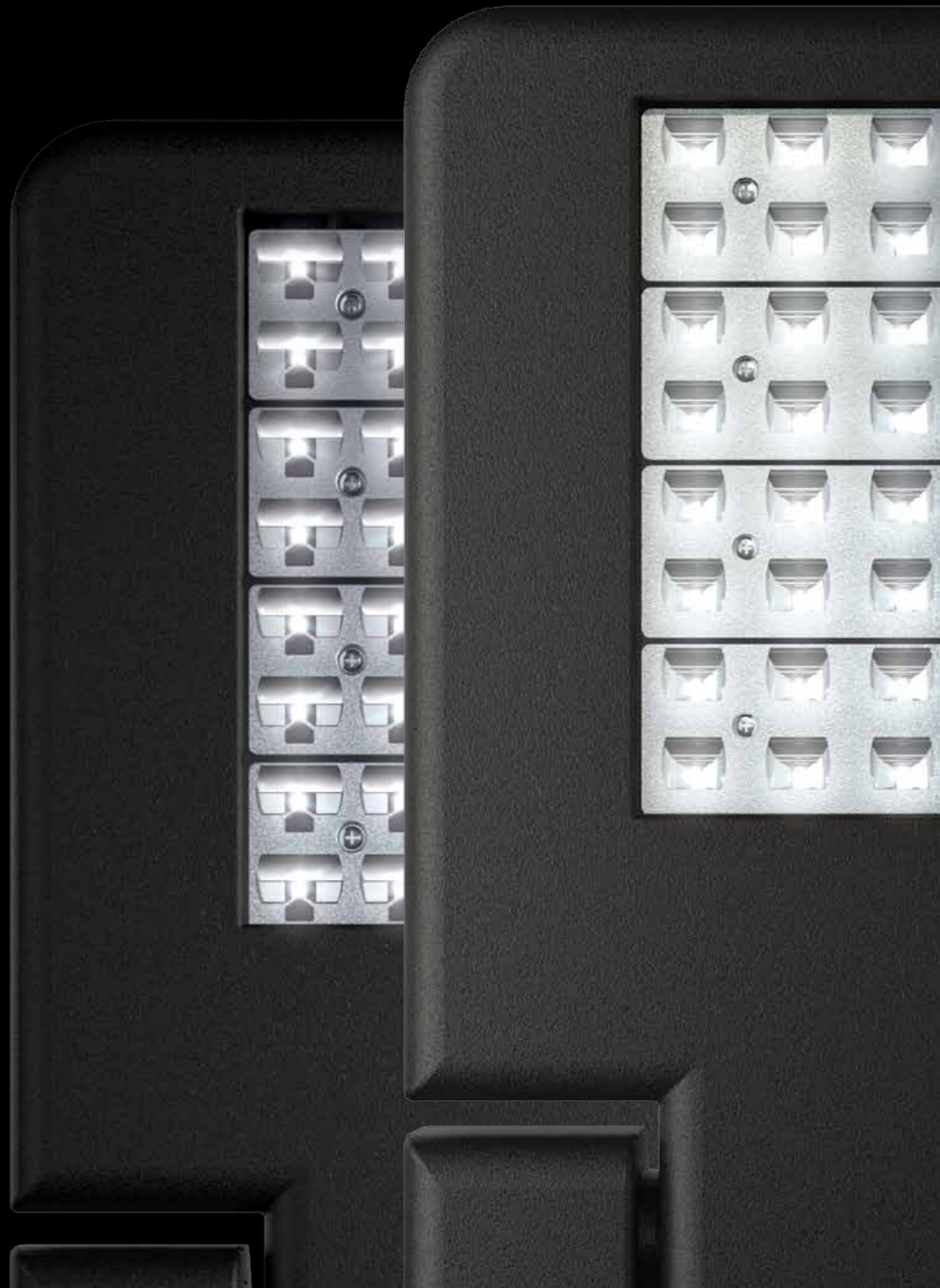
*Levante is a LED-floodlight, suitable for wall fastening, installation on pole or installation at ground with proper stake for ground fastening. It is ideally suitable for the lighting of façades, sport facilities, commercial areas, green areas, parking places, cycle or pedestrian routes, streets. Light sources: 20, 30 or 40 POWER LED, with warm and cool white colour temperature. The optical system is composed by series of micro-reflectors, which are injected in transparent polycarbonate and consequently metalized in a vacuum. Each reflector has the same beam opening and lighten the same area as all the others. By means of this solution, in case of failure of single LEDs, it is possible to always grant the uniformity of the lighted area. Two available optics: street optics and asymmetrical optics. Die-cast aluminium body and bracket. Colours: dark grey Sablé 100 Noir, grey RAL9006 and white RAL9003. Parts of the system: joint and bracket for wall fastening; joint and stake for ground fastening; joints, fastening kits and arms for the installation on poles; conical poles, squared poles, conical curved poles have been studied purposely to suit with LEVANTE MEDIUM. The floodlight is also available with special systems to enable the programming of the switching-on and off of the fitting, the power reduction and the regulation of the flux of each single light point.*

(DE)

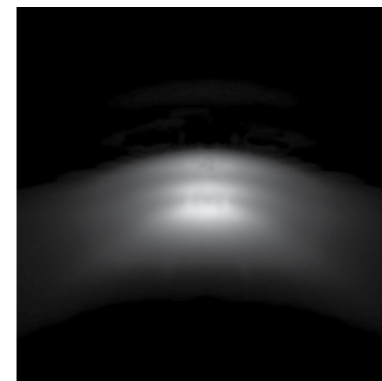
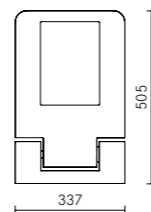
LEVANTE MEDIUM ist ein LED-Strahler, der für Wand-, Mast- oder Bodeninstallation konzipiert ist. Er ist hervorragend geeignet für die Beleuchtung von Fassaden, Sportanlagen, Industriezonen, Grünzonen, Parkplätzen, Fahrrad- und Gehwegen, Straßen. Lichtquellen: 20, 30 und 40 POWER LEDs, mit warm und kalt weisser Farbetemperatur. Die Leuchten Optik besteht aus einem Modul von Reflektoren, welches aus Spritzguss aus transparentem Polycarbonat hergestellt ist; nachfolgend werden die Reflektoren unter Vakuum metallisiert. Die Optik der Leuchte ist entwickelt worden, jeder Reflektor hat eine spezielle Lichtverteilung die alle die gleiche Fläche am Boden ausleuchten. Mit dieser Lösung kann man im Fall einer Fehlfunktion einer einzigen LED sicherstellen, dass keine unbeleuchtete Fläche, keine Zone mit einer niedrigeren Beleuchtungsstärke entsteht, sondern lediglich eine kleine prozentuale Reduzierung der Beleuchtungsstärke über die gesamte beleuchtete Fläche. Erhältlich in 2 verschiedenen Varianten: asymmetrische Optik und Straßenoptik. Gehäuse und Bügel sind aus Aluminiumdruckguss. Farben: Anthrazit Sablé100Noir, grau RAL9006 und weiß RAL9003. Zubehörteile: Verbindungsstück und Ausleger für Wandbefestigung; Verbindungsstück und Pfahl für Bodeninstallation; Verbindungsstück, Mastchellen und Ausleger für Mastinstallation; Konische und Konische gebogene Masten.

# LEVANTE MEDIUM

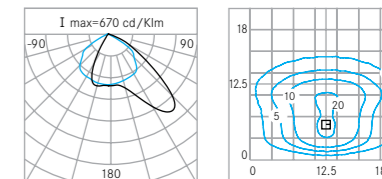
Design by Silvio De Ponte - R&S Cariboni Lite



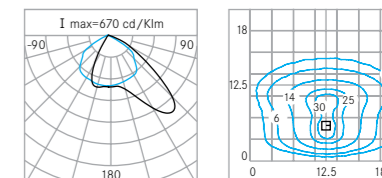




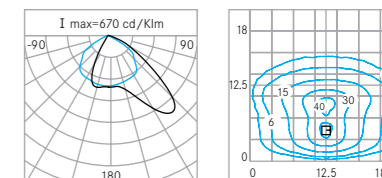
**06LV2C0007\_**  
 20 LED 40W 4270 lm 4000 K  
 Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



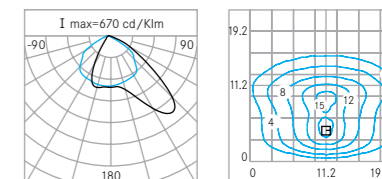
**06LV2D0007\_**  
 30 LED 60W 6400 lm 4000 K  
 Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



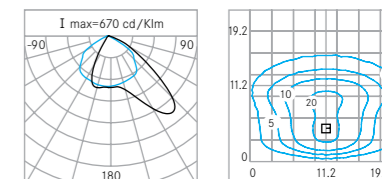
**06LV2E0007\_**  
 40 LED 80W 8530 lm 4000 K  
 Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



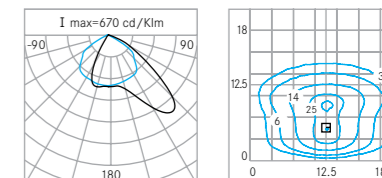
**06LV2C0097\_**  
 20 LED 40W 2930 lm 3000 K  
 Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



**06LV2D0097\_**  
 30 LED 60W 4380 lm 3000 K  
 Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik

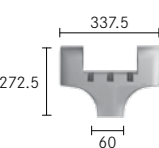


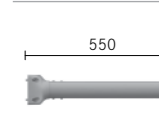
**06LV2E0097\_**  
 40 LED 80W 5850 lm 3000 K  
 Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



Ottica stradale codici pag.169 *Street Optics codes page 169* Straßenoptik Codes Seite 169

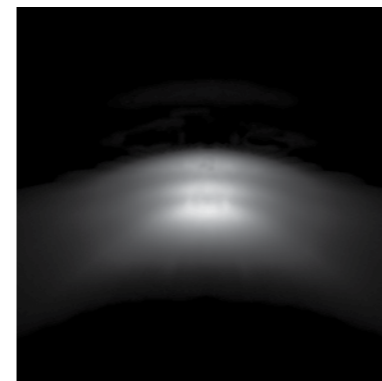
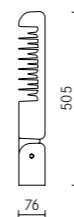
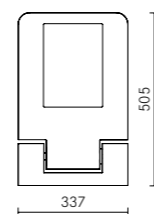
**Accessori Accessories Zubehör**

 L10 Giunto per palo 1xØ60  
 L10 Die cast joint for post-top installation 1xØ60mm  
 L10 Druckguss Mastverbindungstück für 1xØ60mm Mast  
**06AK954\_0**

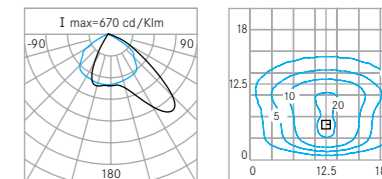
 B1 P Braccio parete 1xØ60  
 B1 P Wall Bracket 1xØ60  
 B1 P Wandausleger 1xØ60  
**06AK951\_0**



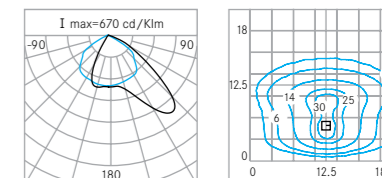
Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 A = grigio RAL 9006 *grey RAL 9006* grau RAL 9006  
 C = sablé 100 Noir *dark grey Sablé 100 Noir* Anthrazit Sablé 100 Noir  
 D = bianco RAL 9003 *white RAL 9003* weiß RAL 9003



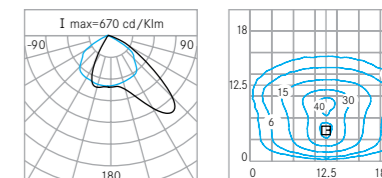
**06LV2C0007\_**  
 20 LED 40W 4270 lm 4000 K  
 Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



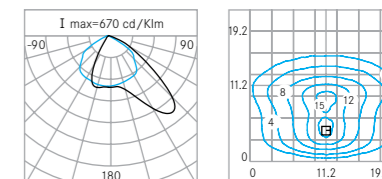
**06LV2D0007\_**  
 30 LED 60W 6400 lm 4000 K  
 Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



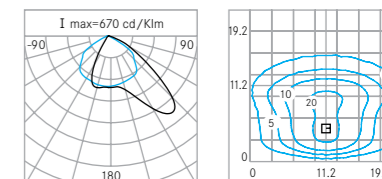
**06LV2E0007\_**  
 40 LED 80W 8530 lm 4000 K  
 Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



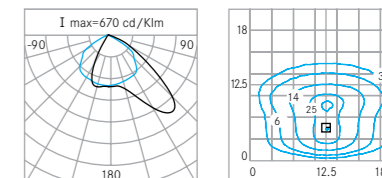
**06LV2C0097\_**  
 20 LED 40W 2930 lm 3000 K  
 Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



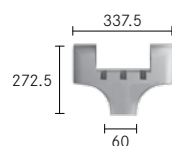
**06LV2D0097\_**  
 30 LED 60W 4380 lm 3000 K  
 Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik



**06LV2E0097\_**  
 40 LED 80W 5850 lm 3000 K  
 Ottica asimmetrica *Asymmetric Optics* Asymmetrische Optik

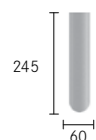


**Accessori Accessories Zubehör**



L10 Giunto per palo 1xØ60  
 L10 Die cast joint for post-top installation 1xØ60mm  
 L10 Druckguss Mastverbindungstück für 1xØ60mm Mast

**06AK954\_0**

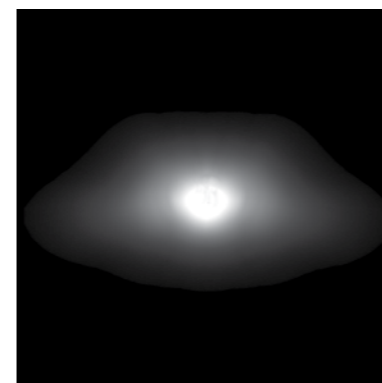
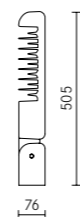
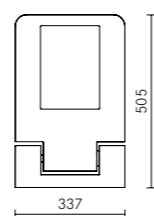


I1 Picchetto 1xØ60 Sablé 100 Noir  
 I1 Stake for ground installation 1xØ60mm, Sablé 100 Noir  
 I1 Pflock für Bodeninstallation 1xØ60, Sablé 100 Noir

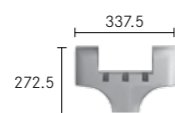
**06AK953C0**



Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 A = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 C = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir  
 D = bianco RAL 9003 white RAL 9003 weiß RAL 9003



**Accessori Accessories Zubehör**



L10 Giunto per palo 1xØ60  
 L10 Die cast joint for post-top installation 1xØ60mm  
 L10 Druckguss Mastverbindungstück für 1xØ60mm Mast

**06AK954\_0**



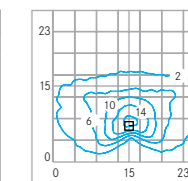
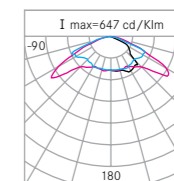
L11 Giunto parete  
 L11 Joint for wall  
 L11 Wandverbindungstück

**06AK955\_0**

**06LV2C0008\_**

20 LED 40W 4270 lm 4000 K

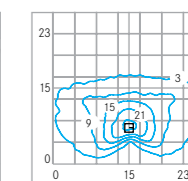
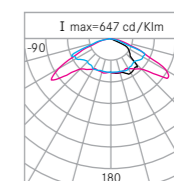
Ottica stradale Street Optics Straßenoptik



**06LV2D0008\_**

30 LED 60W 6400 lm 4000 K

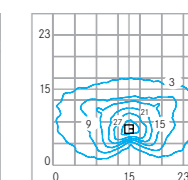
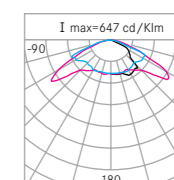
Ottica stradale Street Optics Straßenoptik



**06LV2E0008\_**

40 LED 80W 8530 lm 4000 K

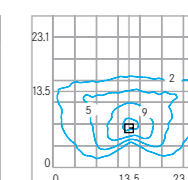
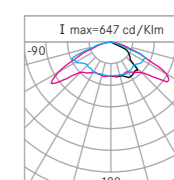
Ottica stradale Street Optics Straßenoptik



**06LV2C0098\_**

20 LED 40W 2930 lm 3000 K

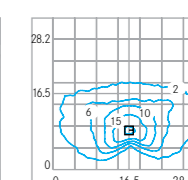
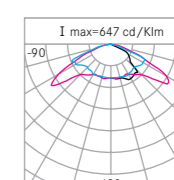
Ottica stradale Street Optics Straßenoptik



**06LV2D0098\_**

30 LED 60W 4380 lm 3000 K

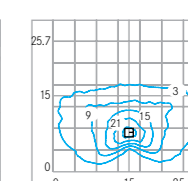
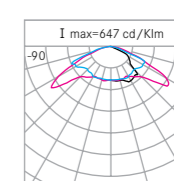
Ottica stradale Street Optics Straßenoptik



**06LV2E0098\_**

40 LED 80W 5850 lm 3000 K

Ottica stradale Street Optics Straßenoptik



**06PA0007\_**

Palo Conico Curvo Singolo + Tronchetto Ø60 H=8m

Conical curved pole with single arm Ø60 H=8m

Gebogener Konischer Mast, mit Einzelarm Ø60 H=8m

**06PA0008\_**

Palo Conico Curvo Singolo + due Tronchetti Ø60 H=8m

Conical curved pole with double arm Ø60 H=8m

Gebogener Konischer Mast, mit Doppelarm Ø60 H=8m

**06PA0009\_**

Palo Conico Curvo Doppio +Tronchetti Ø60 H=8m

Conical curved pole with double arm Ø60, H=8 m

Gebogener Konischer Mast, mit Doppelarm Ø60, H=8m

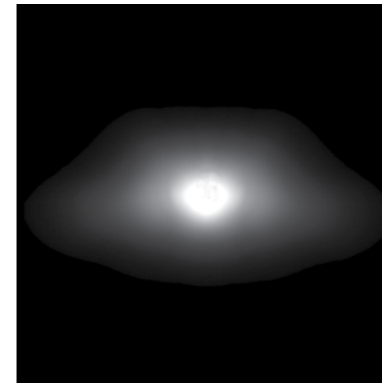
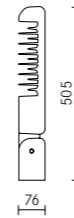
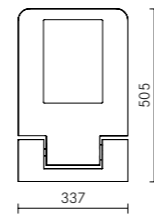
Per definizione colore nel codice sostituire “\_” con

In order to define the colour of the fitting, replace “\_” in the codes with

Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit

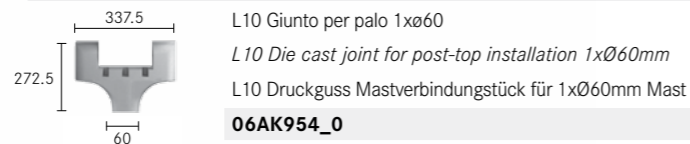
A = grigio RAL 9006 grey RAL 9006 grau RAL 9006

C = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir



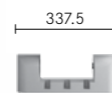
Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 A = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 C = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir

**Accessori Accessories Zubehör**



L10 Giunto per palo 1xØ60  
 L10 Die cast joint for post-top installation 1xØ60mm  
 L10 Druckguss Mastverbindungsstück für 1xØ60mm Mast

**06AK954\_0**

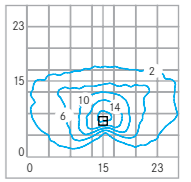
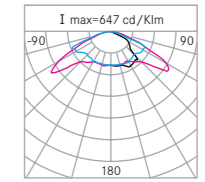


L11 Giunto parete  
 L11 Joint for wall  
 L11 Wandverbindungsstück

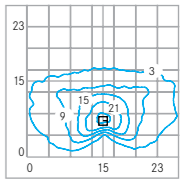
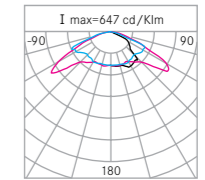
**06AK955\_0**



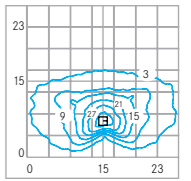
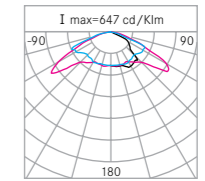
**06LV2C0008\_**  
 20 LED 40W 4270 lm 4000 K  
 Ottica stradale Street Optics Straßenoptik



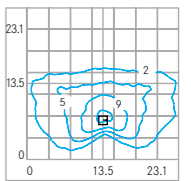
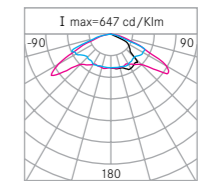
**06LV2D0008\_**  
 30 LED 60W 6400 lm 4000 K  
 Ottica stradale Street Optics Straßenoptik



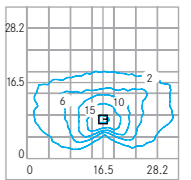
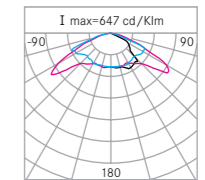
**06LV2E0008\_**  
 40 LED 80W 8530 lm 4000 K  
 Ottica stradale Street Optics Straßenoptik



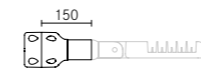
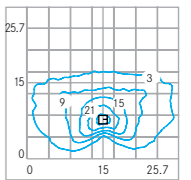
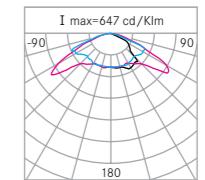
**06LV2C0098\_**  
 20 LED 40W 2930 lm 3000 K  
 Ottica stradale Street Optics Straßenoptik



**06LV2D0098\_**  
 30 LED 60W 4380 lm 3000 K  
 Ottica stradale Street Optics Straßenoptik

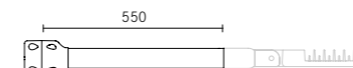


**06LV2E0098\_**  
 40 LED 80W 5850 lm 3000 K  
 Ottica stradale Street Optics Straßenoptik



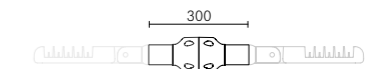
**06AK903\_0**

L3 Kit giunto singolo per palo Ø60-76  
 L3 Simple Joint for post Ø60-76mm,  
 L3 Kit Einzelmastanschlussstück für Ø60-76 Mast



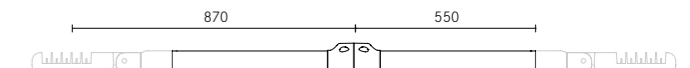
**06AK921\_0**

B1 Braccio Ø60  
 B1 Arm Ø60  
 B1 Arm Ø60



**06AK904\_0**

L4 Kit giunto doppio per palo Ø60-76  
 L4 Double Joint for Post Ø60-76mm  
 L4 Kit Doppelmastanschlussstück für Ø60-76 Mast



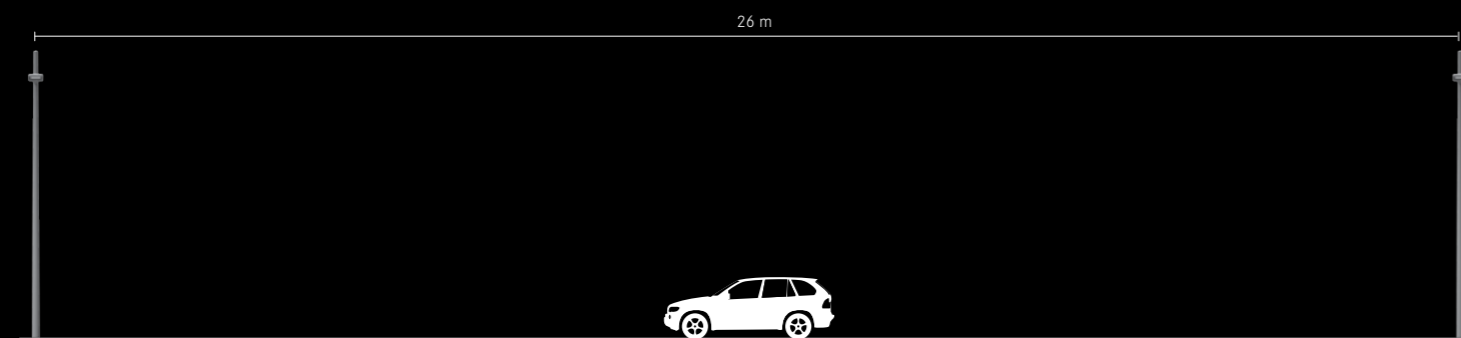
**06AK922\_0**

B2 Braccio doppio Ø60  
 B2 Double Arm Ø60  
 B2 Doppelarm Ø60

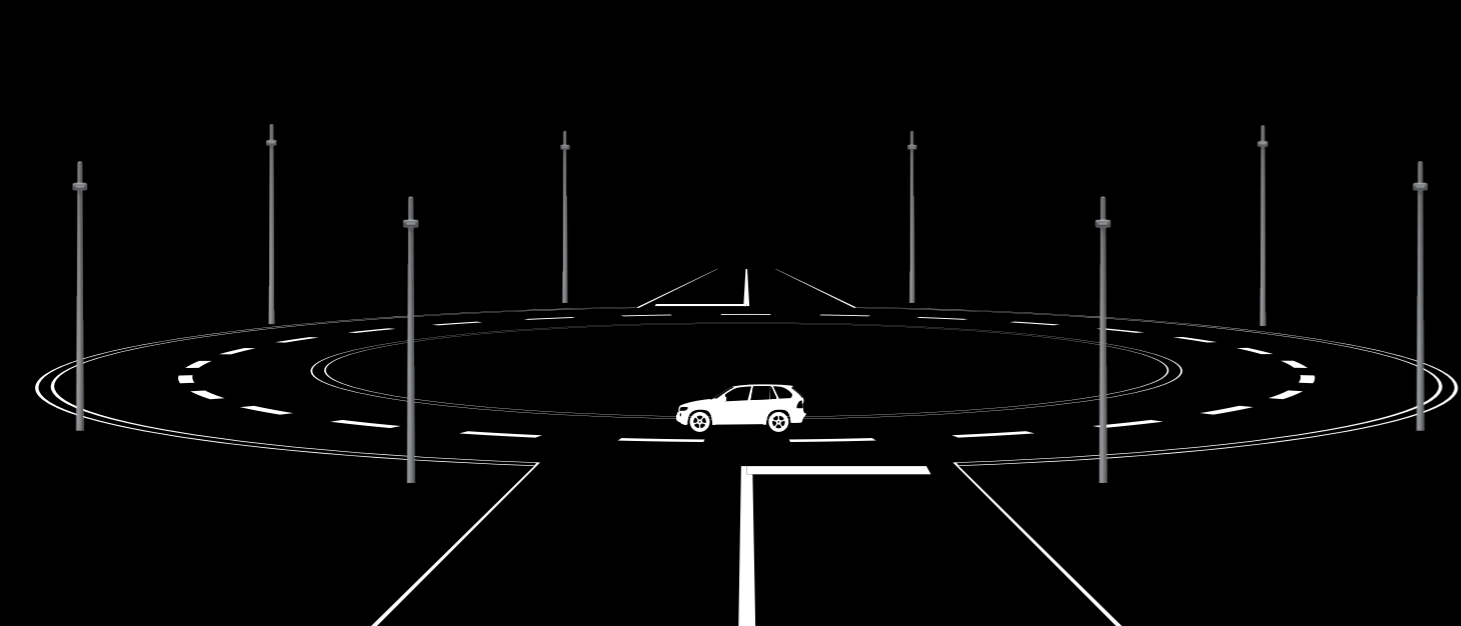
**06PA0010\_2**

Palo Conico cimapalo Ø60 H=7,5 m  
 Conical pole pole top Ø60 H=7,5 m  
 Konischer Mast, Mastkopf Ø60, H=7,5 m

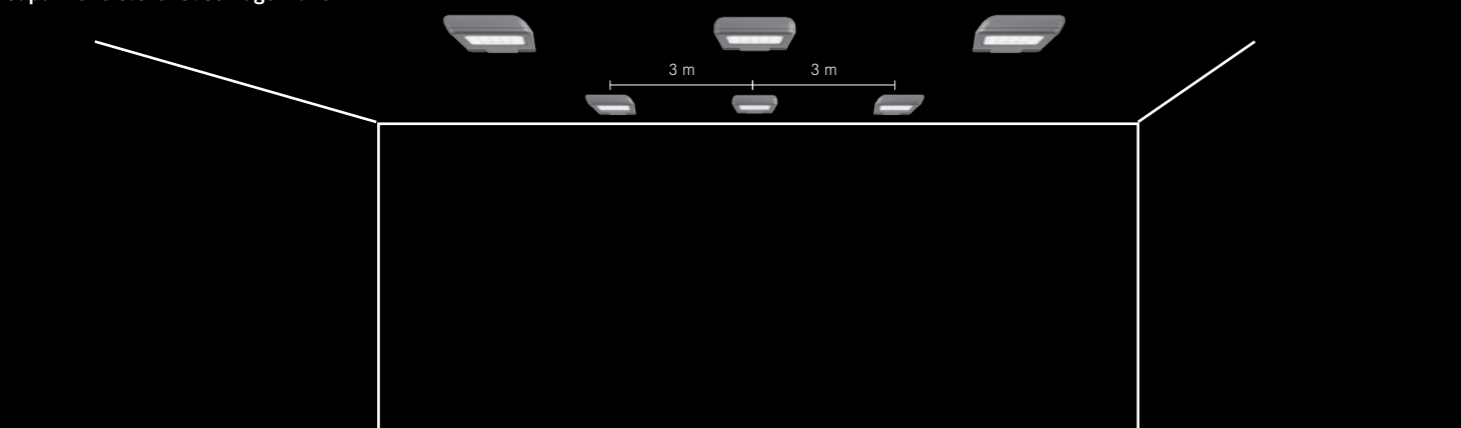
Strada Street Straße



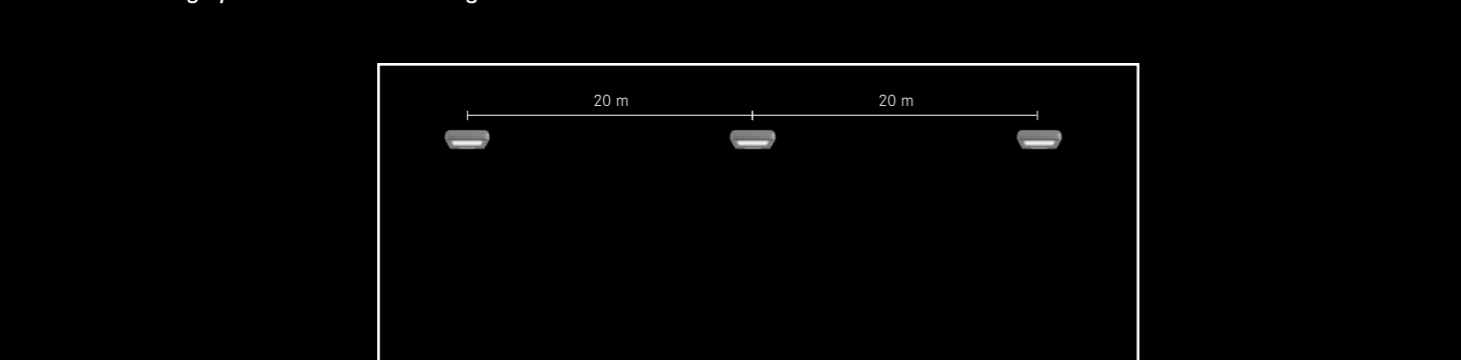
Rotatoria Roundabout Kreisverkehr



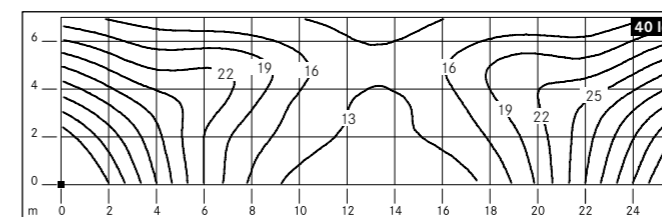
Capannone Storehouse Lagerhalle



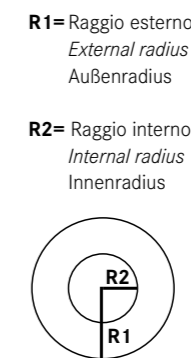
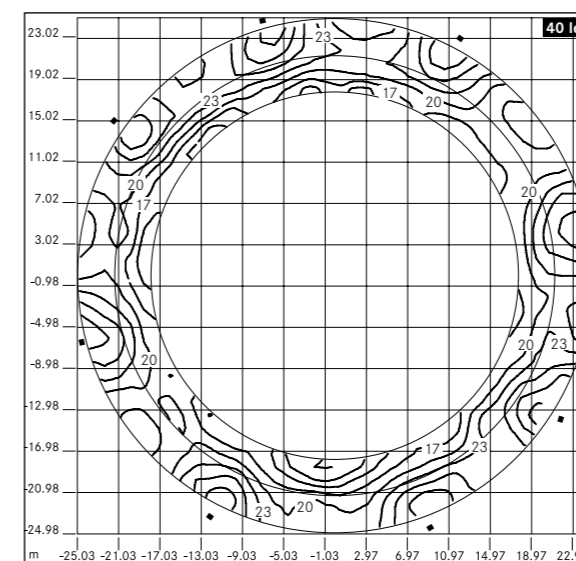
Perimetrale Building's perimeter Gebäudeumfang



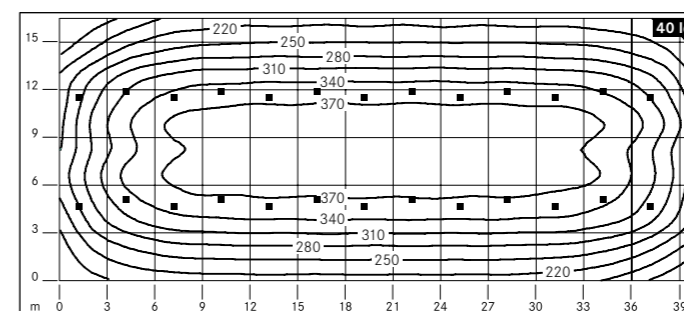
	Lm	n	La	H	D	K	Lm	Uo	UI	Ti	Sr	Emed
UNI 11248 (Me3b)							1	0,4	0,6	<15%	>0,5	
40 Led optic STR 4000 K	8530	2	7	7	26	3,7	1,2	0,48	0,6	6,66	0,55	21



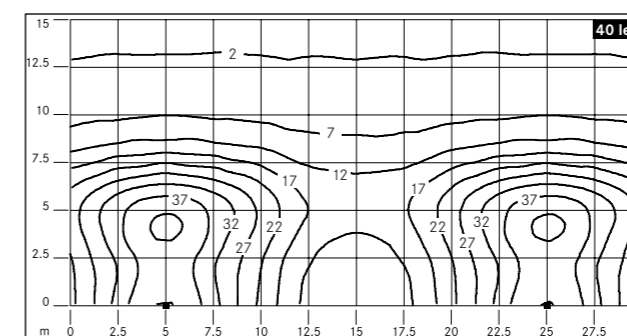
	Lm	n	La	R1	R2	H	Ar	Emed	Uo
UNI 11248 (CE2)								20	0,4
40 Led optic STR 4000 K	8530	2	7	25	18	8	1	24	0,43



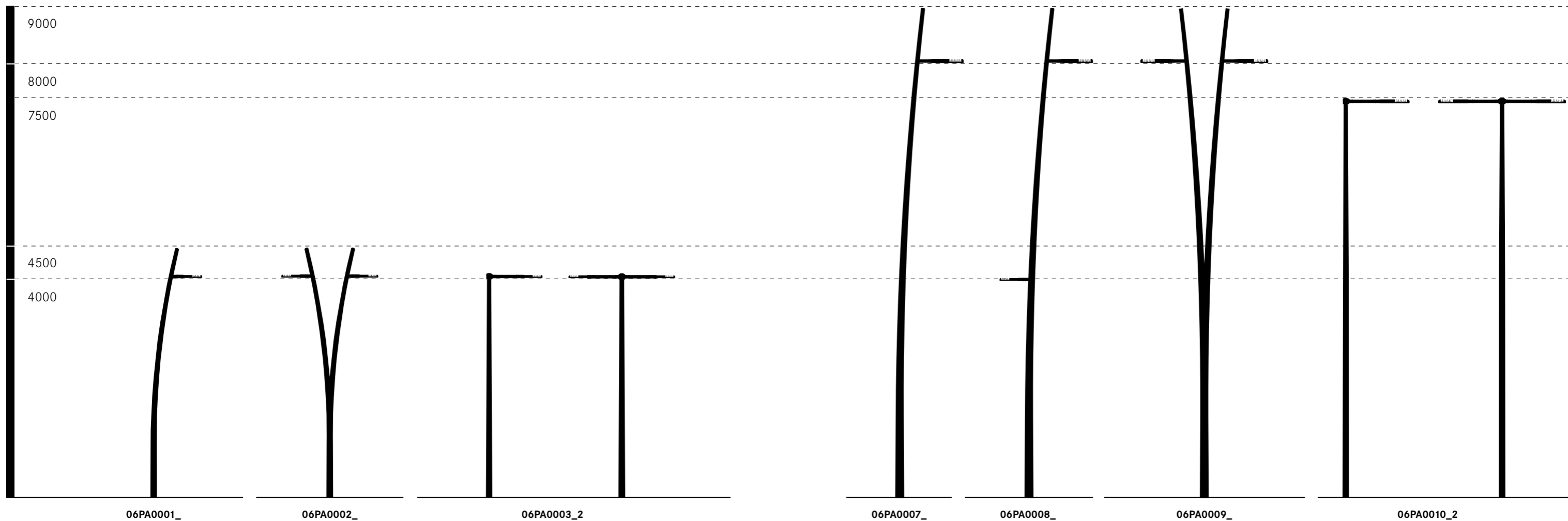
	Lm	Lu.z	La.z	D	H	Emed	Uo
UNI 12464-1						300	
40 Led optic AS 4000 K	8530	40,5	16,5	3	5,3	306	0,56



	Lm	La.z	Luz	D	H	Emed
40 Led optic AS 4000 K	8530	30	15	20	7	18



- Lm** = Flusso lm  
Flux lm  
Fluss lm
- n** = N° corsie  
N° lanes  
N° Fahrbahnen
- La** = Larghezza strada  
Street width  
Straßenbreite
- H** = Altezza  
Height  
Höhe
- D** = Interdistanza  
Interdistance  
Abstand
- K** = D/H
- La.z** = Larghezza area  
Area width  
Flächenbreite
- Lu.z** = Lunghezza area  
Area length  
Flächenlänge
- Em[lux]** = Illuminamento medio  
Average illumination  
Mittlere Beleuchtung
- Uo(Em)** = Uniformità generale  
General uniformity  
Gleichmäßigkeit
- Lm[Cd/m2]** = Luminanza media  
Medium luminance  
Mittlere Leuchtdichte
- UO(Lm)** = Uniformità generale  
General uniformity  
Gleichmäßigkeit
- UI(Lm)** = Uniformità longitudinale  
Lengthwise uniformity  
Längsgleichmäßigkeit
- Ti%** = Indice di abbagliamento  
Dazzling index  
Blendungsindex
- Sr** = Rapporto di contiguità  
Contiguity ratio  
Näheverhältnis
- S** = Lunghezza sbraccio  
Arm length  
Länge des Arms
- Ar** = Arretramento palo  
Post withdrawal  
Lichtpunktüberhang
- STR.** = Ottica stradale  
Street Optique  
Straßenoptik

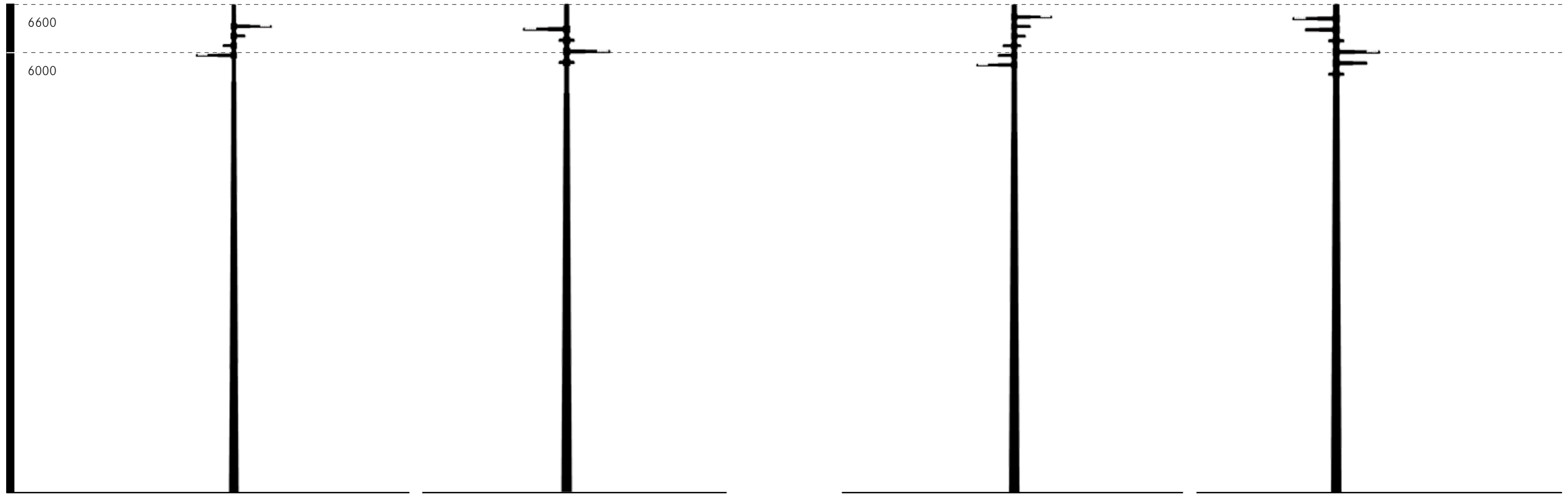


Levante Small



Levante Medium



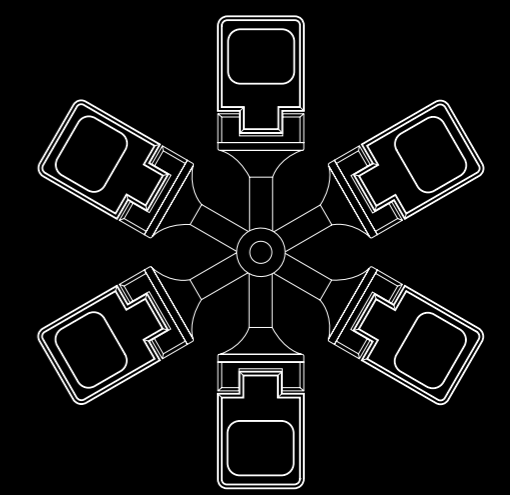
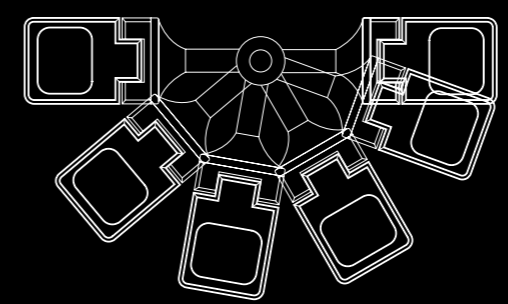
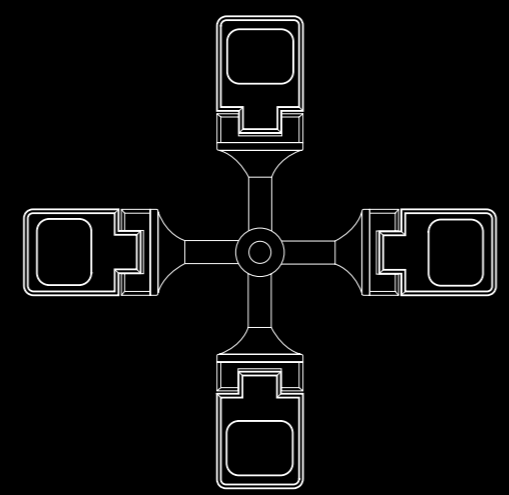
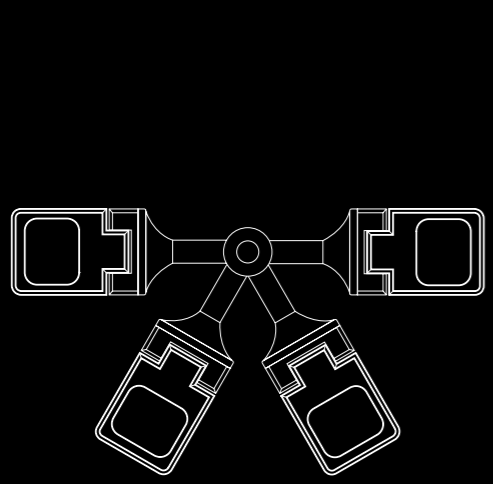


**06PA0011\_**  
FLOWER TOWER 4 Levante 180° H.6,6m

**06PA0012\_**  
FLOWER TOWER 4 Levante 360° H.6,6

**06PA0013C**  
FLOWER TOWER 6 Levante 180° H.6,6

**06PA0014C**  
FLOWER TOWER 6 Levante 360° H.6,6



(1)

Famiglia di apparecchi di ridotte dimensioni per un'illuminazione di tipo architeturale, funzionale e decorativa. Disponibili le versioni a parete, ad incasso (parete e pavimento) e a plafone.

Adatti per l'illuminazione di facciate, imbotti, marcapiani, portici, camminamenti, per interni ed esterni, in zone residenziali e pubbliche.

Disponibile con ottica simmetrica, asimmetrica o diffondente.

Due taglie, lunghezza 650mm e 1250mm.

Corpo e controscassa in estruso di alluminio anodizzato, testate e sistemi di fissaggio in pressofusione di alluminio verniciate di colore grigio RAL 9006.

Diffusore in vetro piano trasparente 6mm.

Sorgenti LED con flusso totale 900, 1800 e 3600lm, con temperature colore warm e cool white.

Gli apparecchi sono forniti completi di circuito LED 24V in corrente continua.

Driver di alimentazione da ordinare separatamente.

(UK)

*Family of fittings with reduced dimensions, for the architectural, functional and decorative lighting. Available in different versions: for wall installation, wall or ground recessed installation and ceiling installation.*

*It is particularly suitable for the lighting of façades, intrados, string-courses, arcades and paths, for both interiors and exteriors, in residential and public areas.*

*Available with symmetrical, asymmetrical or wide beam optics.*

*Two sizes are available: length 650mm and 1250mm.*

*Body and recessed-housing made of extruded anodized aluminium; side heads and fastening systems made of die-cast aluminium, painted in grey RAL 9006.*

*Diffuser in flat transparent glass, 6 mm thick. LED sources with total flux of 900, 1800 and 3600lm, with colour temperature of warm and cool white.*

*The fittings are provided with 24V LED circuit in direct current.*

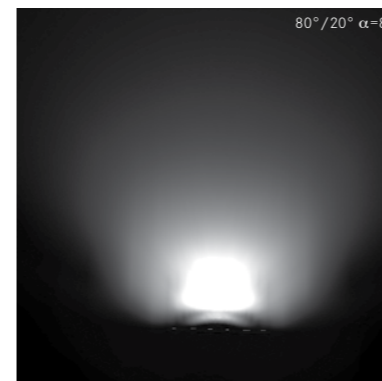
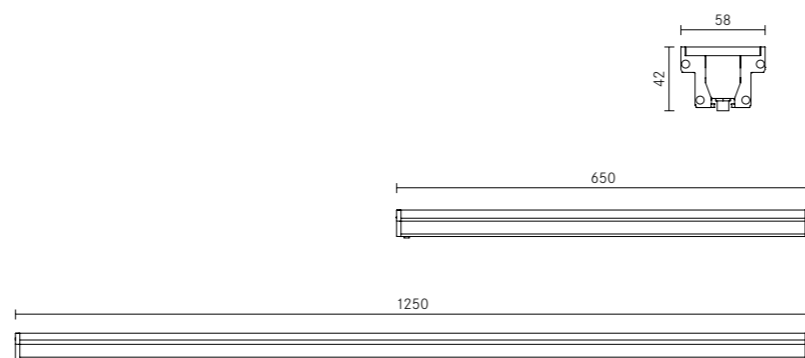
*The electronic driver has to be ordered separately.*

(DE)

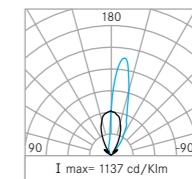
Familie von Geräten mit geringen Abmessungen für eine architektonische, funktionelle und dekorative Beleuchtung. Erhältlich in verschiedenen Versionen, für Wandinstallation, Wand- oder Bodeneinbauinstallation und Deckeninstallation. Geeignet für die Beleuchtung von Fassaden, Gewölben, Simsen, Arkaden und Fußgängerwegen, im Außenbereich sowie im Innenbereich, in Wohnlagen und in öffentlichen Bereichen. Erhältlich mit symmetrischer, asymmetrischer und breitstrahlender Optik. Die Leuchte ist in zwei Größen erhältlich: Länge 650mm und 1250mm. Gehäuse und Einbaugehäuse aus anodisiertem extrudiertem Aluminium; seitliche Abdeckungen und Befestigungssysteme aus Aluminiumdruckguss, lackiert in grau RAL9006. Diffusor aus transparentem Flachglas, Dicke 6mm. Lichtquelle: LED mit einem Gesamtlumenpaket von 900, 1800 oder 3600lm, mit Farbtemperatur von warm und cool weiß. Die Leuchten werden komplett mit Gleichstrom 24V LED-Kreis geliefert. Der elektronische Driver ist separat zu bestellen.

# TRAIL





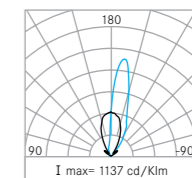
06TR2D6397J				650mm
LED	9W	900lm	3000k	●
Asimmetrica <i>Asymmetrical</i> Asymmetrisch				



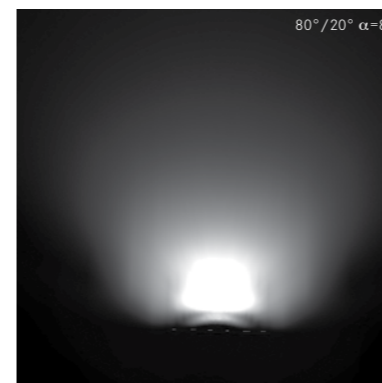
H (m)	Ø (m)	Em(lux)
5	8,81x1,73	20
4	7,04x1,36	32
3	5,28x1,04	56
2	3,53x0,7	127
1	1,76x0,34	508



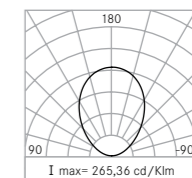
06TR2H2397J				650mm
LED	19W	1800lm	3000k	●
Asimmetrica <i>Asymmetrical</i> Asymmetrisch				



H (m)	Ø (m)	Em(lux)
5	8,81x1,73	41
4	7,04x1,36	63
3	5,28x1,04	113
2	3,53x0,7	254
1	1,76x0,34	1016

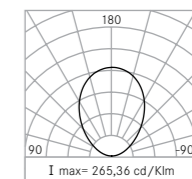


06TR2D6393J				650mm
LED	9W	900lm	3000k	●
Diffondente <i>Wide beam optic</i> Breitstrahlender Optik				



H (m)	Ø (m)	Em(lux)
5	10,34	3
4	8,27	5
3	6,2	9
2	4,14	21
1	2,07	84

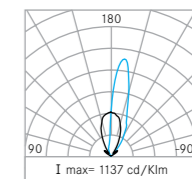
06TR2H2393J				650mm
LED	19W	1800lm	3000k	●
Diffondente <i>Wide beam optic</i> Breitstrahlender Optik				



H (m)	Ø (m)	Em(lux)
5	10,34	7
4	8,27	10
3	6,2	19
2	4,14	42
1	2,07	168

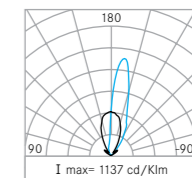


06TR3H2397J				1250mm
LED	19W	1800lm	3000k	●
Asimmetrica <i>Asymmetrical</i> Asymmetrisch				



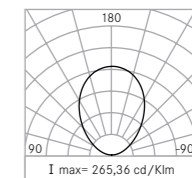
H (m)	Ø (m)	Em(lux)
5	8,81x1,73	41
4	7,04x1,36	63
3	5,28x1,04	113
2	3,53x0,7	254
1	1,76x0,34	1016

06TR3Q4397J				1250mm
LED	37W	3600lm	3000k	●
Asimmetrica <i>Asymmetrical</i> Asymmetrisch				



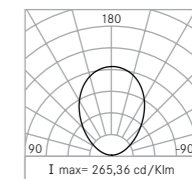
H (m)	Ø (m)	Em(lux)
5	8,81x1,73	81
4	7,04x1,36	127
3	5,28x1,04	226
2	3,53x0,7	508
1	1,76x0,34	2031

06TR3H2393J				1250mm
LED	19W	1800lm	3000k	●
Diffondente <i>Wide beam optic</i> Breitstrahlender Optik				

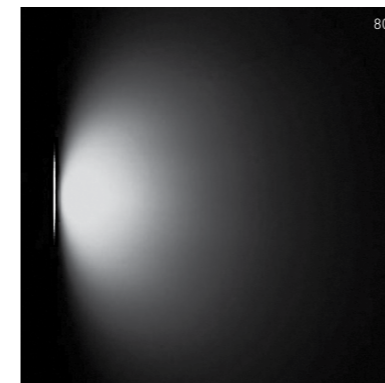
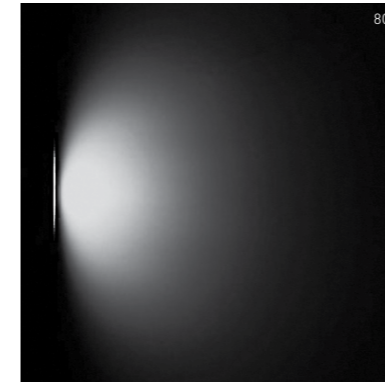
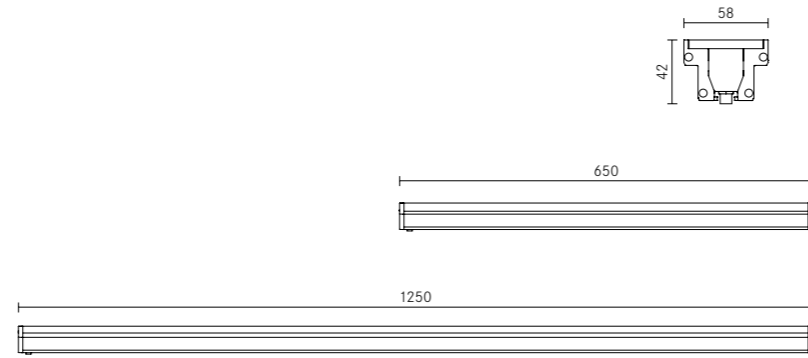


H (m)	Ø (m)	Em(lux)
5	10,34	7
4	8,27	10
3	6,2	19
2	4,14	42
1	2,07	168

06TR3Q4393J				1250mm
LED	37W	3600lm	3000k	●
Diffondente <i>Wide beam optic</i> Breitstrahlender Optik				

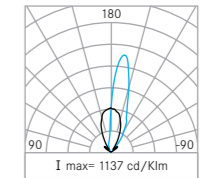


H (m)	Ø (m)	Em(lux)
5	10,34	13
4	8,27	21
3	6,2	37
2	4,14	84
1	2,07	336



**06TR2D6397J** **650mm**

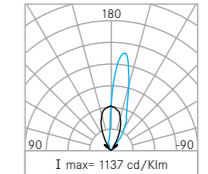
LED	9W	900lm	3000k	●
Asimmetrica <i>Asymmetrical</i> Asymmetrisch				



H (m)	Ø (m)	Em(lux)
5	8,81x1,73	20
4	7,04x1,36	32
3	5,28x1,04	56
2	3,53x0,7	127
1	1,76x0,34	508

**06TR2H2393J** **650mm**

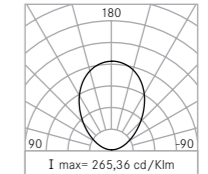
LED	19W	1800lm	3000k	●
Asimmetrica <i>Asymmetrical</i> Asymmetrisch				



H (m)	Ø (m)	Em(lux)
5	8,81x1,73	41
4	7,04x1,36	63
3	5,28x1,04	113
2	3,53x0,7	254
1	1,76x0,34	1016

**06TR2D6393J** **650mm**

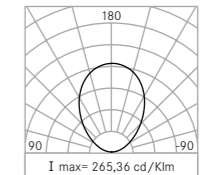
LED	9W	900lm	3000k	●
Diffondente <i>Wide beam optic</i> Breitstrahlender Optik				



H (m)	Ø (m)	Em(lux)
5	10,34	3
4	8,27	5
3	6,2	9
2	4,14	21
1	2,07	84

**06TR2H2393J** **650mm**

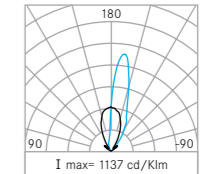
LED	19W	1800lm	3000k	●
Diffondente <i>Wide beam optic</i> Breitstrahlender Optik				



H (m)	Ø (m)	Em(lux)
5	10,34	7
4	8,27	10
3	6,2	19
2	4,14	42
1	2,07	168

**06TR3H2397J** **1250mm**

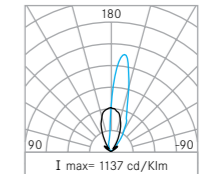
LED	19W	1800lm	3000k	●
Asimmetrica <i>Asymmetrical</i> Asymmetrisch				



H (m)	Ø (m)	Em(lux)
5	8,81x1,73	41
4	7,04x1,36	63
3	5,28x1,04	113
2	3,53x0,7	254
1	1,76x0,34	1016

**06TR3Q4397J** **1250mm**

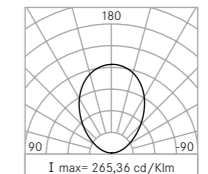
LED	37W	3600lm	3000k	●
Asimmetrica <i>Asymmetrical</i> Asymmetrisch				



H (m)	Ø (m)	Em(lux)
5	8,81x1,73	81
4	7,04x1,36	127
3	5,28x1,04	226
2	3,53x0,7	508
1	1,76x0,34	2031

**06TR3H2393J** **1250mm**

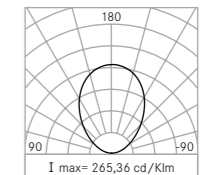
LED	19W	1800lm	3000k	●
Diffondente <i>Wide beam optic</i> Breitstrahlender Optik				



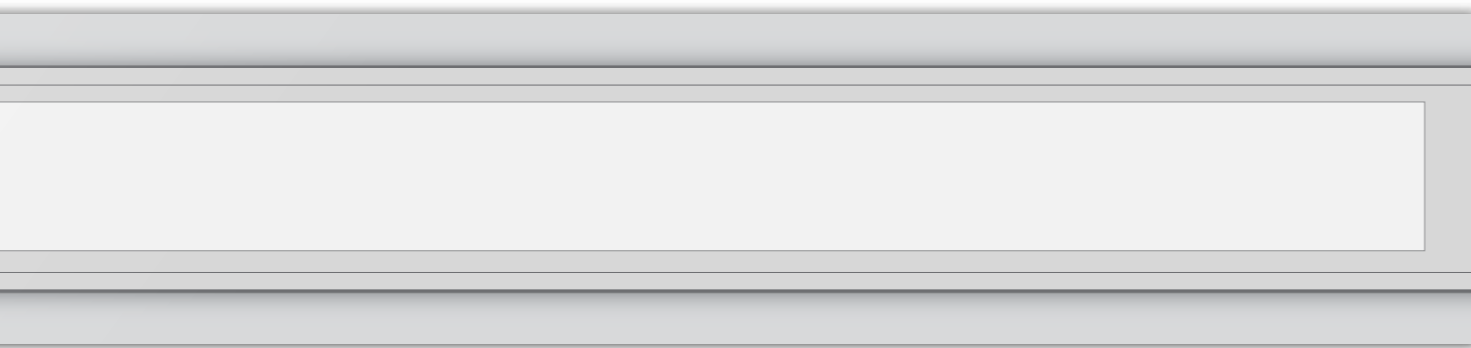
H (m)	Ø (m)	Em(lux)
5	10,34	7
4	8,27	10
3	6,2	19
2	4,14	42
1	2,07	168

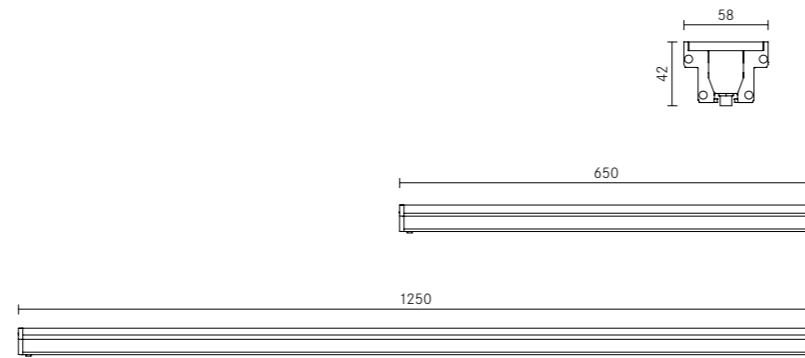
**06TR3Q4393J** **1250mm**

LED	37W	3600lm	3000k	●
Diffondente <i>Wide beam optic</i> Breitstrahlender Optik				

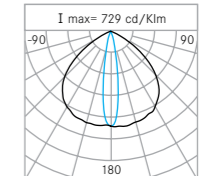


H (m)	Ø (m)	Em(lux)
5	10,34	13
4	8,27	21
3	6,2	37
2	4,14	84
1	2,07	336



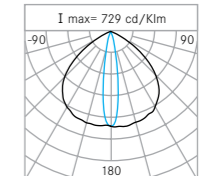


<b>06TR2D6395J</b>					<b>650mm</b>
LED	9W	900lm	3000k		
Simmetrica Symmetrical Symmetrisch					



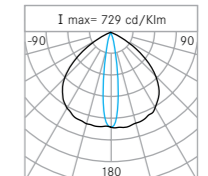
H (m)	Ø (m)	Em(lux)
5	8,66x3,12	13
4	6,94x2,5	20
3	5,2x1,88	36
2	3,46x1,26	81
1	1,74x0,62	323

<b>06TR2H2395J</b>					<b>650mm</b>
LED	19W	1800lm	3000k		
Simmetrica Symmetrical Symmetrisch					



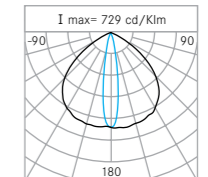
H (m)	Ø (m)	Em(lux)
5	8,66x3,12	26
4	6,94x2,5	40
3	5,2x1,88	72
2	3,46x1,26	162
1	1,74x0,62	646

<b>06TR3H2395J</b>					<b>1250mm</b>
LED	19W	1800lm	3000k		
Simmetrica Symmetrical Symmetrisch					



H (m)	Ø (m)	Em(lux)
5	8,66x3,12	26
4	6,94x2,5	40
3	5,2x1,88	72
2	3,46x1,26	162
1	1,74x0,62	646

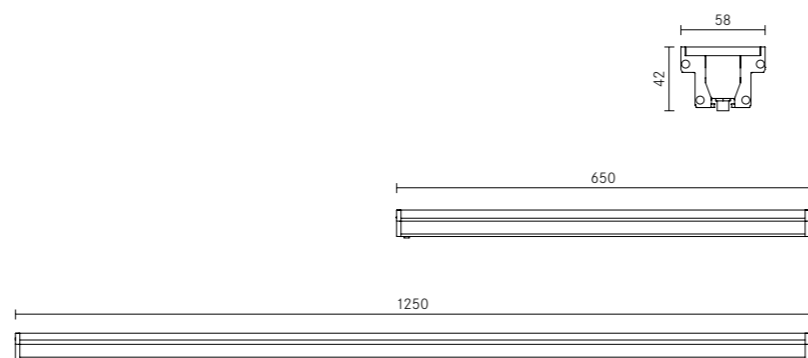
<b>06TR3Q4395J</b>					<b>1250mm</b>
LED	37W	3600lm	3000k		
Simmetrica Symmetrical Symmetrisch					



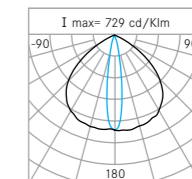
H (m)	Ø (m)	Em(lux)
5	8,66x3,12	52
4	6,94x2,5	81
3	5,2x1,88	144
2	3,46x1,26	323
1	1,74x0,62	1293



Disponibile anche versione con sorgenti LED 4000k  
 Available also in 4000K colour temperature  
 Lieferbar auch in der Farbtemperatur 4000K



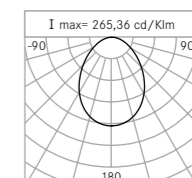
06TR2D6395J					650mm
LED	9W	900lm	3000k	<span style="color: yellow;">●</span>	
Simmetrica <i>Symmetrical</i> Symmetrisch					



H (m)	Ø (m)	Em(lux)
1	1,74x0,62	323
2	3,46x1,26	81
3	5,2x1,88	36
4	6,94x2,5	20
5	8,66x3,12	13



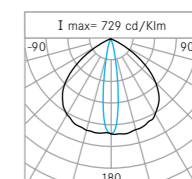
06TR2H2393J					650mm
LED	19W	1800lm	3000k	<span style="color: yellow;">●</span>	
Simmetrica <i>Symmetrical</i> Symmetrisch					



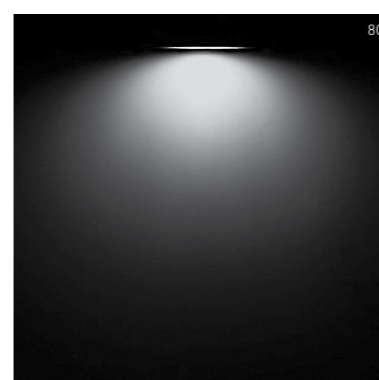
H (m)	Ø (m)	Em(lux)
1	1,74x0,62	646
2	3,46x1,26	162
3	5,2x1,88	72
4	6,94x2,5	40
5	8,66x3,12	26



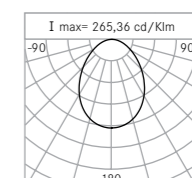
06TR2D6393J					650mm
LED	9W	900lm	3000k	<span style="color: yellow;">●</span>	
Diffondente <i>Wide beam optic</i> Breitstrahlender Optik					



H (m)	Ø (m)	Em(lux)
1	2,07	84
2	4,14	21
3	6,2	9
4	8,27	5
5	10,34	3



06TR2H2393J					650mm
LED	19W	1800lm	3000k	<span style="color: yellow;">●</span>	
Diffondente <i>Wide beam optic</i> Breitstrahlender Optik					



H (m)	Ø (m)	Em(lux)
1	2,07	168
2	4,14	42
3	6,2	19
4	8,27	10
5	10,34	7



06TR3H2395J					1250mm
LED	19W	1800lm	3000k	<span style="color: yellow;">●</span>	
Simmetrica <i>Symmetrical</i> Symmetrisch					



H (m)	Ø (m)	Em(lux)
1	1,74x0,62	646
2	3,46x1,26	162
3	5,2x1,88	72
4	6,94x2,5	40
5	8,66x3,12	26



06TR3Q4393J					1250mm
LED	37W	3600lm	3000k	<span style="color: yellow;">●</span>	
Simmetrica <i>Symmetrical</i> Symmetrisch					



H (m)	Ø (m)	Em(lux)
1	1,74x0,62	1293
2	3,46x1,26	323
3	5,2x1,88	144
4	6,94x2,5	81
5	8,66x3,12	52



06TR3Q4395J					1250mm
LED	37W	3600lm	3000k	<span style="color: yellow;">●</span>	
Diffondente <i>Wide beam optic</i> Breitstrahlender Optik					



H (m)	Ø (m)	Em(lux)
1	2,07	168
2	4,14	42
3	6,2	19
4	8,27	10
5	10,34	7



06TR3H2393J					1250mm
LED	19W	1800lm	3000k	<span style="color: yellow;">●</span>	
Diffondente <i>Wide beam optic</i> Breitstrahlender Optik					



H (m)	Ø (m)	Em(lux)
1	2,07	168
2	4,14	42
3	6,2	19
4	8,27	10
5	10,34	7



06TR3Q4393J					1250mm
LED	37W	3600lm	3000k	<span style="color: yellow;">●</span>	
Diffondente <i>Wide beam optic</i> Breitstrahlender Optik					



H (m)	Ø (m)	Em(lux)
1	2,07	336
2	4,14	84
3	6,2	37
4	8,27	21
5	10,34	13



Distanza totale per collegamento su unico cavo 2x1.5mmq (in metri) *Total distance for the connection to a single cable 2x1,5mmq (in meters)*  
 Gesamtabstand für die Verbindung zu einem einzelmem Kabel 2x1,5mmq (in meter)

Potenza alimentazione per collegamento su unico cavo 2x1.5mmq (in Watt) *Power supply power for the connection to a single cable 2x1,5mmq (in Watt)*  
 Gesamtleistung für die Verbindung zu einem einzelmem Kabel 2x1,5mmq (in Watt)

Trail 650 - 900 lm

N	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
0		549,5	305,3	213,7	164,8	134,3	113,4	98,1	86,5	77,3	69,9	63,8	58,7	54,3	50,6	47,3	44,4	41,9	39,6	37,6	35,8	34,1	32,6	
1		366,6	229,1	171	137,4	115,2	99,2	87,2	77,9	70,3	64,1	58,9	54,5	50,7	47,4	44,5	42	39,7	37,7	35,8	34,1	32,6		
2		275	183,3	142,6	117,8	100,8	88,2	78,5	70,8	64,5	59,2	54,7	50,9	47,6	44,6	42,1	39,8	37,7	35,9	34,2	32,7			
3		152,8	122,2	103,1	89,6	79,4	71,4	64,9	59,5	55	51,1	47,7	44,8	42,2	39,9	37,8	35,9	34,2	32,7					
4		107	91,7	80,7	72,2	65,5	59,9	55,3	51,3	47,9	44,9	42,3	40	37,9	36	34,3	32,7							
5		82,5	73,3	66,2	60,4	55,6	51,6	48,1	45,1	42,4	40,1	38	36,1	34,4	32,8									
6		67,2	61,1	56,1	51,9	48,4	45,3	42,6	40,2	38,1	36,2	34,4	32,9											
7		56,7	52,4	48,7	45,5	42,8	40,3	38,2	36,3	34,5	32,9													
8		49,1	45,8	43	40,5	38,3	36,4	34,6	33															
9		43,3	40,7	38,5	36,5	34,7	33,1																	
10		38,7	36,7	34,8	33,2																			
11		35	33,3																					

Trail 650 - 900 lm

N	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
0		9,36	18,72	28,08	37,44	46,8	56,16	65,52	74,88	84,24	93,6	103	112,3	121,7	131	140,4	149,8	159,1	168,5	177,8	187,2	196,6	205,9	215,3
1		18,7	28,06	37,42	46,78	56,14	65,5	74,86	84,22	93,58	102,9	112,3	121,7	131	140,4	149,7	159,1	168,5	177,8	187,2	196,5	205,9	215,3	
2		37,4	46,76	56,12	65,48	74,84	84,2	93,56	102,9	112,3	121,6	131	140,4	149,7	159,1	168,4	177,8	187,2	196,5	205,9	215,2			
3		56,1	65,46	74,82	84,18	93,54	102,9	112,3	121,6	131	140,3	149,7	159,1	168,4	177,8	187,1	196,5	205,9	215,2					
4		74,8	84,16	93,52	102,9	112,2	121,6	131	140,3	149,7	159	168,4	177,8	187,1	196,5	205,8	215,2							
5		93,5	102,9	112,2	121,6	130,9	140,3	149,7	159	168,4	177,7	187,1	196,5	205,8	215,2									
6		112,2	121,6	130,9	140,3	149,6	159	168,4	177,7	187,1	196,4	205,8	215,2											
7		130,9	140,3	149,6	159	168,3	177,7	187,1	196,4	205,8	215,1													
8		149,6	159	168,3	177,7	187	196,4	205,8	215,1															
9		168,3	177,7	187	196,4	205,7	215,1																	
10		187	196,4	205,7	215,1																			
11		205,7	215,1																					

Trail 650 - 1800 lm

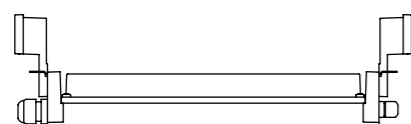
N	0	1	2	3	4	5	6	7	8	9	10	11
0		275	152,8	107	82,5	67,2	56,7	49,1	43,3	38,7	35,2	
1		183,3	114,6	85,6	68,8	57,6	49,7	43,7	39	35,2		
2		137,5	91,7	71,3	58,9	50,4	44,1	39,3	35,4			
3		76,4	61,1	51,6	44,8	39,7	35,7					
4		53,5	45,8	40,3	36,1							
5		41,3	36,7									

Trail 650 - 1800 lm

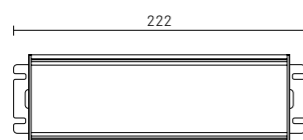
N	0	1	2	3	4	5	6	7	8	9	10	11
0		18,7	37,4	56,1	74,8	93,5	112,2	130,9	149,6	168,3	187	205,7
1		37,4	56,1	74,8	93,5	112,2	130,9	149,6	168,3	187	205,7	
2		74,8	93,5	112,2	130,9	149,6	168,3	187	205,7			
3		112,2	130,9	149,6	168,3	187	205,7					
4		149,6	168,3	187	205,7							
5		187	205,7									

CODE	Driver		
	W	Max W	mt
06TA902X0	60	54,5	73
06LL914AB0	150	136,4	26
06LL915AB0	240	218,2	15

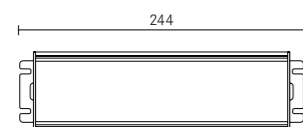
Accessori Accessories Zubehör



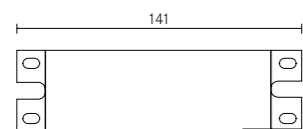
Box cablato per attacco parete/soffitto IP65  
*IP65 wiring box for wall/ceiling installation*  
 IP65 Verkabelungseinheit für Wand/Deckeinstallation.  
**06OT989A0 TRAIL 1250mm**  
**06OT988A0 TRAIL 650mm**



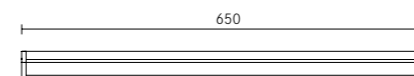
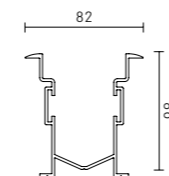
Driver elettronico 150W-24V IP67  
*Electronic driver 150W-24V IP67*  
 Elektronischer Driver 150W-24V IP67  
**06LL914AB0**



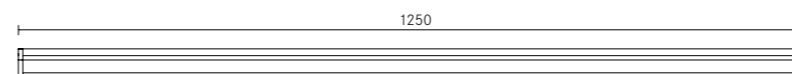
Driver elettronico 240W-24V IP67  
*Electronic driver 240W-24V IP67*  
 Elektronischer Driver 240W-24V IP67  
**06LL915AB0**



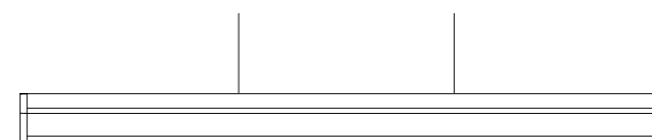
Driver elettronico 60W-24V IP66  
*Electronic driver 60W-24V IP66*  
 Elektronischer Driver 60W-24V IP66  
**06TA902X0**



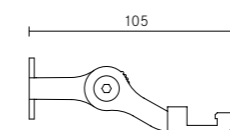
Controcassa per incasso a terra e parete 650mm  
*Recessed housing for wall and ground installation 650mm*  
 Einbaugehäuse für Boden- und Deckeinstallation - Breite 650mm  
**06TR998J0 \***



Controcassa per incasso a terra e parete 1250mm  
*Recessed housing for wall and ground installation 1250mm*  
 Einbaugehäuse für Boden- und Deckeinstallation - Breite 1250mm  
**06TR999J0 \***



Sistema di sospensione a soffitto L 1,5 mt.  
*System for ceiling suspended installation L 1,5m.*  
 Deckeaufhängungssystem L 1,5 mt.  
**06TR986A0 \***



Staffe di fissaggio parete, RAL9006  
*Bracket for wall fastening, RAL9006*  
 Bügel für Wandinstallation, RAL 9006  
**06TR997A0 \***

Staffe fissaggio plafone RAL9006, driver remoto  
 Brackets for ceiling fastening Trail, grey RAL9006  
 Ausleger für Deckeninstallation Trail, grau RAL9006  
**06TR987A0 \***

Con cavo, connettori e muffola *Complete with cable, connectors and junction box* Komplet mit Kabel, Verbinder und Verbindungsmuffe

(1)

Famiglia di apparecchi di ridotte dimensioni per un'illuminazione di tipo architettuale, funzionale e decorativa.

Disponibili le versioni a parete e ad incasso (parete e pavimento), adatti per l'illuminazione di facciate, imbotti, marcapiani, camminamenti, per interni ed esterni, in zone residenziali e pubbliche. Disponibili con ottica simmetrica o asimmetrica.

Corpo, staffe e coperchio vano componenti in pressofusione di alluminio, verniciati nel colore RAL9006, consentono l'alloggiamento di lampade fluorescenti lineari T2 da 8W warm white, nastri LED da 12W (versione simmetrica) e 6W cool white e LED di potenza 9x1W disponibili con ottica estensiva diffondente e asimmetrica diffondente warm e cool white.

Vetro di chiusura temperato di spessore 5 mm, serigrafato di colore grigio RAL9006 nelle zone di non interesse ottico.

Al fine di ottimizzare il confort visivo, il vetro della versione asimmetrica è sabbiato.

Driver di alimentazione elettronico integrato.

(UK)

*A family of recessed fittings with extremely reduced dimensions, suitable for architectural, functional and decorative lighting purposes.*

*It's available in two versions for wall installation and recessed (both wall and ground) installation; suitable for the lighting of façades, intrados, pedestrian routes; for both interiors and exteriors, in residential and public areas.*

*Available with both symmetrical and asymmetrical optics.*

*Body, bracket and cover made of die-cast aluminium, painted in grey RAL9006.*

*Light sources: it enables the housing of fluorescent T2 linear lamps (8W), warm white, of 12W LED stripes (symmetrical version) and 6W stripes cool white, or of 9 single leds warm and cool white, available with symmetrical wide beam and asymmetrical wide beam. 5 mm thick closure glass serigraphed in grey colour in non-relevant points as far as the optics is concerned. In order to assure the visual comfort, the glass for the asymmetrical version is sand-blasted.*

*Electronic power supply ballast integrated.*

(DE)

Gruppe von Geräten geringer Dimensionen für eine architektonische Beleuchtung, funktionell und dekorativ.

Erhältlich in zwei Versionen, für Wandinstallation und Einbau (Wand und Boden); geeignet für die Beleuchtung von Fassaden, Gewölben, Simsen, Fußgängerwegen, für Außen und Innen, in Wohnanlagen und öffentlichen Bereichen. Erhältlich in symmetrischer und asymmetrischer Optik.

Körper, Bügel und Decke der elektronischen Teile sind in Alluminiumdruckguss hergestellt, lackiert in RAL9006. Lichtquelle: Lineare Leuchtstofflampen T2 (8W) warm white, LED-Leisten mit 12 W (symmetrische Version) und 6W cool white und LED 9x1W erhältlich mit breitstrahlender Optik und breitstrahlender asymmetrischer Optik warm und cool white.

Gehärtetes Verschlussglas, 5mm dick, mit grauem Siebdruck (RAL9006) an den optisch nicht relevanten Teilen.

Um den visuellen Komfort zu optimieren ist das Glas der asymmetrischen Version sandgestrahlt.

Elektronischer Driver integriert.

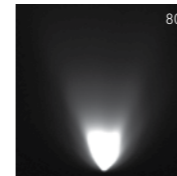
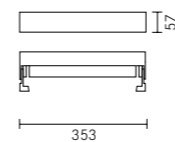
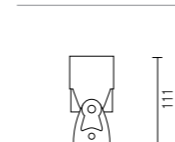
# LED LITE LINEAR



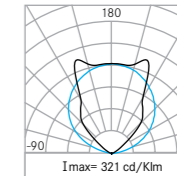
6W - 12W LED



9 x 1W LED



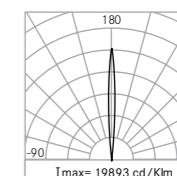
06LI052K1						
LED	6W	205 lm	350 mA	5400 K		
Simmetrica <i>Symmetrical</i> Symmetrisch						



H (m)	Ø (m)	Em(lux)
5	9.10	1
4	7.28	1
3	5.46	2
2	3.64	4
1	1.82	17



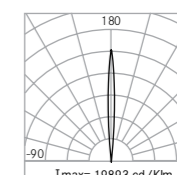
06LI061K3						
LED	9x1W	775 lm	350 mA	3000 K		
Simmetrica <i>Symmetrical</i> Symmetrisch						



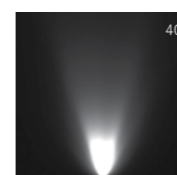
H (m)	Ø (m)	Em(lux)
5	0.71	374
4	0.57	584
3	0.42	1039
2	0.28	2339
1	0.14	9356



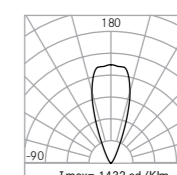
06LI061K1						
LED	9x1W	840 lm	350 mA	4000 K		
Simmetrica <i>Symmetrical</i> Symmetrisch						



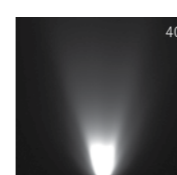
H (m)	Ø (m)	Em(lux)
5	0.71	374
4	0.57	584
3	0.42	1039
2	0.28	2339
1	0.14	9356



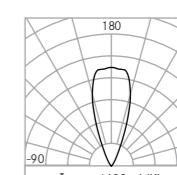
06LI062K3						
LED	9x1W	775 lm	350 mA	3000 K		
Simmetrica <i>Symmetrical</i> Symmetrisch						



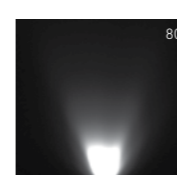
H (m)	Ø (m)	Em(lux)
5	3.73	25
4	2.99	38
3	2.24	70
2	1.49	155
1	0.75	622



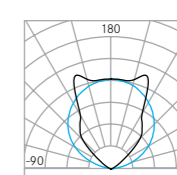
06LI062K1						
LED	9x1W	840 lm	350 mA	4000 K		
Simmetrica <i>Symmetrical</i> Symmetrisch						



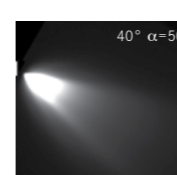
H (m)	Ø (m)	Em(lux)
5	3.73	25
4	2.99	38
3	2.24	70
2	1.49	155
1	0.75	622



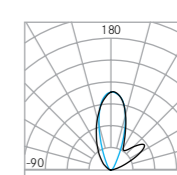
06LI051K1						
LED	12W	370 lm	700 mA	5400 K		
Simmetrica <i>Symmetrical</i> Symmetrisch						



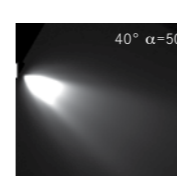
H (m)	Ø (m)	Em(lux)
5	9.10	1
4	7.28	2
3	5.46	4
2	3.64	8
1	1.82	34



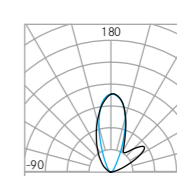
06LI072K3						
LED	9x1W	775 lm	350 mA	3000 K		
Asimmetrica <i>Asymmetrical</i> Asymmetrisch						



H (m)	Ø (m)	Em(lux)
5	3.34	10
4	2.67	14
3	2.00	26
2	1.34	58
1	0.67	233



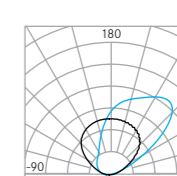
06LI072K1						
LED	9x1W	840 lm	350 mA	4000 K		
Asimmetrica <i>Asymmetrical</i> Asymmetrisch						



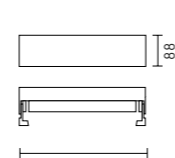
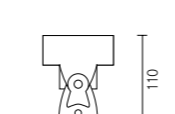
H (m)	Ø (m)	Em(lux)
5	3.34	10
4	2.67	14
3	2.00	26
2	1.34	58
1	0.67	233



06LI001K1						
LED	6W	205 lm	350 mA	5400 K		
Asimmetrica <i>Asymmetrical</i> Asymmetrisch						



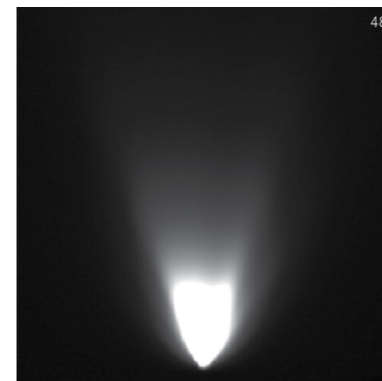
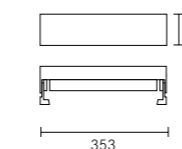
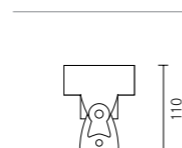
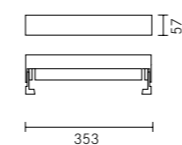
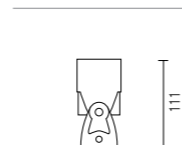
H (m)	Ø (m)	Em(lux)
5	13.20	1
4	10.56	1
3	7.92	1
2	5.28	3
1	2.64	13



Accessori *Accessories* Zubehör

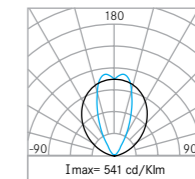


Staffe di fissaggio a parete L160mm  
 Bracket for wall fastening L 160mm Verlängerbarer  
 Bügel für Wandinstallation L160mm  
**06LI901K0**



**06LI151K6**

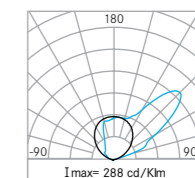
FM	8W	540 lm	T2	4000 K	CL	
Simmetrica <i>Symmetrical</i> Symmetrisch						



H (m)	Ø (m)	Em(lux)
5	4.50	5
4	3.60	8
3	2.70	14
2	1.80	30
1	0.90	122

**06LI101K6**

FM	8W	540 lm	T2	4000 K	CL	
Asimmetrica <i>Asymmetrical</i> Asymmetrisch						



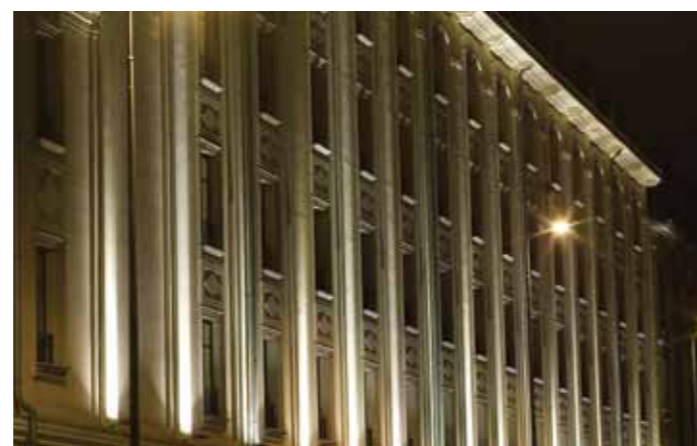
H (m)	Ø (m)	Em(lux)
5	17.55	1
4	14.04	1
3	10.53	2
2	7.02	5
1	3.51	19

**Accessori Accessories Zubehör**



Staffe di fissaggio a parete L160mm  
 Bracket for wall fastening L 160mm  
 Bügel für Wandinstallation L160mm

**06LI901K0**







1000 Kg



6W - 12W LED



9 x 1W LED

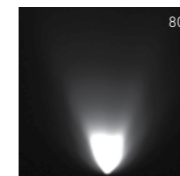
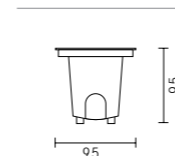


Ledlite linear asym

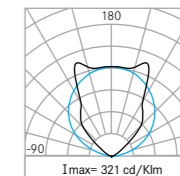
L'apparecchio è fornito completo di controcassa in polipropilene stampato per fissaggio a parete e pavimento.  
*The fitting is supplied with recessed housing in moulded polypropylene, for wall and ground installation.*  
 Das Gerät wird mit Einbauehäuse in Polypropylen geliefert, für Wand- und Bodeninstallation.



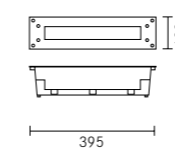
Ledlite linear sym



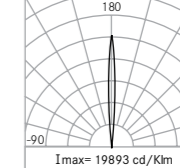
06LI252K1						
LED	6W	205 lm	350 mA	5400 K		
Simmetrica <i>Symmetrical</i> Symmetrisch						



H (m)	Ø (m)	Em (lux)
5	9.10	1
4	7.28	1
3	5.46	2
2	3.64	4
1	1.82	17



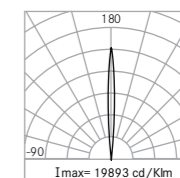
06LI261K3						
LED	9x1W	775 lm	350 mA	3000 K		
Simmetrica <i>Symmetrical</i> Symmetrisch						



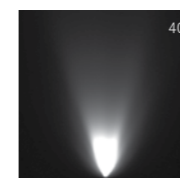
H (m)	Ø (m)	Em (lux)
5	0.71	374
4	0.57	584
3	0.42	1039
2	0.28	2339
1	0.14	9356



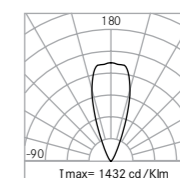
06LI261K1						
LED	9x1W	840 lm	350 mA	4000 K		
Simmetrica <i>Symmetrical</i> Symmetrisch						



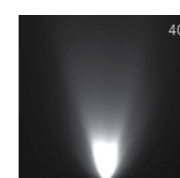
H (m)	Ø (m)	Em (lux)
5	0.71	374
4	0.57	584
3	0.42	1039
2	0.28	2339
1	0.14	9356



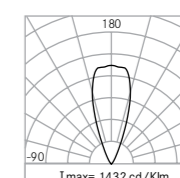
06LI262K3						
LED	9x1W	775 lm	350 mA	3000 K		
Simmetrica <i>Symmetrical</i> Symmetrisch						



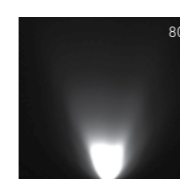
H (m)	Ø (m)	Em (lux)
5	3.73	25
4	2.99	38
3	2.24	70
2	1.49	155
1	0.75	622



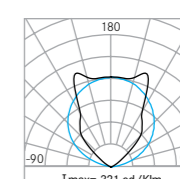
06LI262K1						
LED	9x1W	840 lm	350 mA	4000 K		
Simmetrica <i>Symmetrical</i> Symmetrisch						



H (m)	Ø (m)	Em (lux)
5	3.73	25
4	2.99	38
3	2.24	70
2	1.49	155
1	0.75	622



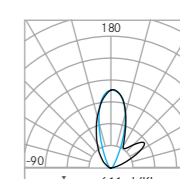
06LI251K1						
LED	12W	370 lm	700 mA	5400 K		
Simmetrica <i>Symmetrical</i> Symmetrisch						



H (m)	Ø (m)	Em (lux)
5	9.10	1
4	7.28	2
3	5.46	4
2	3.64	8
1	1.82	34



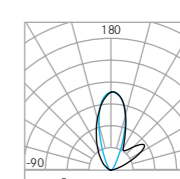
06LI272K3						
LED	9x1W	775 lm	350 mA	3000 K		
Asimmetrica <i>Asymmetrical</i> Asymmetrisch						



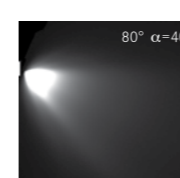
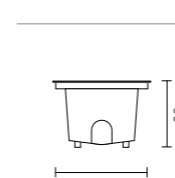
H (m)	Ø (m)	Em (lux)
5	3.34	10
4	2.67	14
3	2	26
2	1.34	58
1	0.67	233



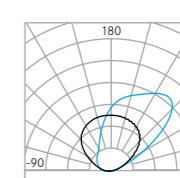
06LI272K1						
LED	9x1W	840 lm	350 mA	4000 K		
Asimmetrica <i>Asymmetrical</i> Asymmetrisch						



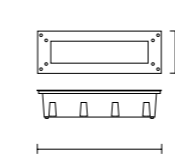
H (m)	Ø (m)	Em (lux)
5	3.34	10
4	2.67	14
3	2	26
2	1.34	58
1	0.67	233



06LI201K1						
LED	6W	205 lm	350 mA	5400 K		
Asimmetrica <i>Asymmetrical</i> Asymmetrisch						

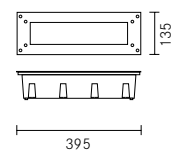
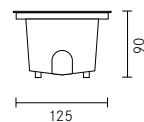
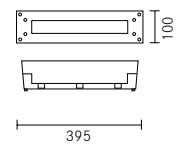
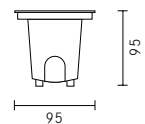


H (m)	Ø (m)	Em (lux)
5	13.20	1
4	10.56	1
3	7.92	1
2	5.28	3
1	2.64	13





1000 Kg



Ledlite linear asym

L'apparecchio è fornito completo di controcassa in polipropilene stampato per fissaggio a parete e pavimento.

*The fitting is supplied with recessed housing in moulded polypropylene, for wall and ground installation.*

Das Gerät wird mit Einbaugehäuse in Polypropylen geliefert, für Wand- und Bodeninstallation.



Ledlite linear sym

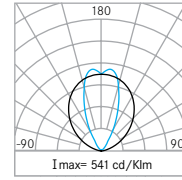


48°

**06LI351K6**

FM 8W 540 lm T2 4000 K CL

Simmetrica *Symmetrical* Symmetrisch



H (m)	Ø (m)	Em(lux)
5	4.50	5
4	3.60	8
3	2.70	14
2	1.80	30
1	0.90	122

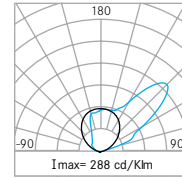


48° α=45°

**06LI301K6**

FM 8W 540 lm T2 4000 K CL

Asimmetrica *Asymmetrical* Asymmetrisch



H (m)	Ø (m)	Em(lux)
5	17.55	1
4	14.04	1
3	10.53	2
2	7.02	5
1	3.51	19

(IT)

Apparecchio di ridottissime dimensioni, adatto per installazione a parete e su palo in interni ed esterni, ideale per l'illuminazione di pareti, facciate, portici, imbotti, colonne e androni.

Sorgenti: 4 led da 1W warm white o cool white, 1 lampada 20W o 35W MT attacco PGJ5 o 1-2 lampade Micro-Lynx F da 9W a luce calda (disponibile su richiesta versione con luce fredda).

Versioni con emissione luminosa diretta e diretta/indiretta.

Disponibili ottiche diffondenti, concentranti e lama, abbinabili tra loro.

**Nella versione con lampada a scarica (20W-35W MT) la biemissione è ottenuta con una sola sorgente luminosa.**

Struttura in alluminio estruso e pressofuso, verniciato di colore grigio RAL9006 o sablé 100 Noir. Chiusura in vetro temprato.

L'ermeticità della chiusura vetro/corpo

è caratterizzata da un innovativo sistema a baionetta, che garantisce l'apertura-chiusura senza l'impiego di viti.

Alimentazione elettronica integrata.

(UK)

*A fitting, with extremely reduced dimensions, with possibility of wall or top post installation both for indoor and outdoor, suitable to light walls, façades, porches, intrados, columns, arcades.*

*Light sources: 4 1W leds warm white or cool white, 1 20W or 35W MT lamp with PGJ5 socket or 1-2 Micro-Lynx F 9W lamps, warm light (cold light is also available on request)*

*It is available in several versions: direct emission of light or direct/indirect emission.*

*Availble with wide beam, narrow beam or blade optics, with possibility to create various combinations.*

***In the version with discharge lamp (20W-35W MT), the double emission of light is obtained only through one light-source.***

*Main structure in extruded and die-cast aluminium, painted in grey RAL9006 or dark grey Sablé 100 Noir.*

*Closure in toughened glass.*

*Watertight closure glass/body is assured by an innovative bayonet system, which enables easy turn and open without using any screw Integrated electronic control gear.*

(DE)

Leuchte geringen Ausmaßes für Innen- oder Außeninstallationen an Wand oder auf Mast, geeignet für die Beleuchtung von Fassaden, Gängen, Hausfluren.

Lichtquelle: 4 led da 1W warm white oder cool white 1 Leuchtmittel 20W –35W MT , Fassung PGJ5 oder 1-2 Leuchtmittel Micro-Lynx F mit 9W in warmer Lichtfarbe ; auf Anfrage ist auch die Version mit kalter Lichtfarbe möglich.

Erhältlich mit direktem, indirektem oder direktem/indirektem Lichtaustritt.

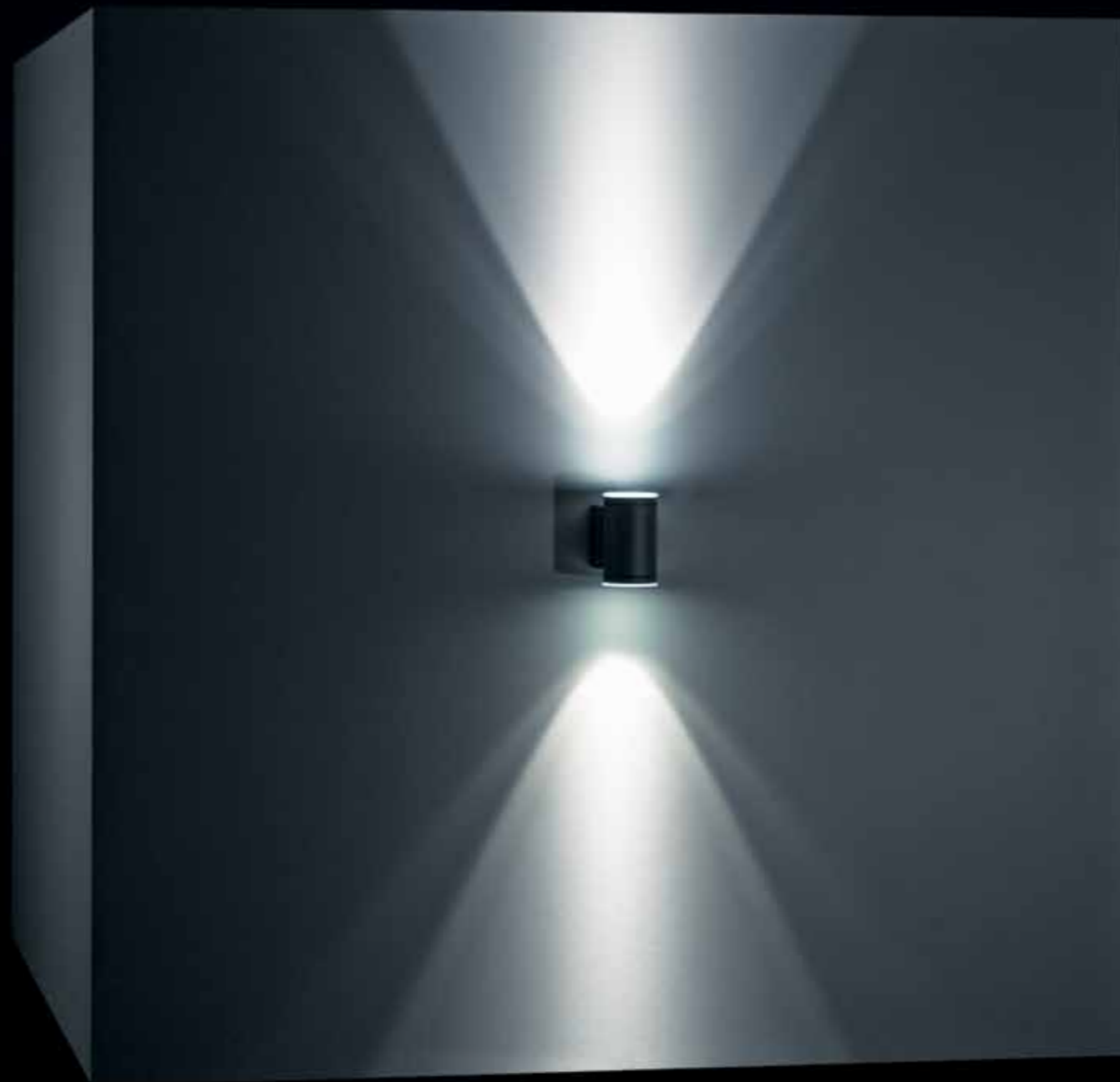
Verfügbar mit breitstrahlender , engstrahlender und streifenförmiger Optik, die kombiniert werden können.

**In den Version mit einer einzelnen Metaldampfampe (20W –35WMT) wird die Doppelemission nur mit einer Lichtquelle erzielt.**

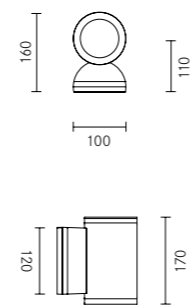
Der Körper ist aus extrudiertem Aluminiumdruckguss, lackiert in RAL 9006 grau oder Anthrazit Sablé 100 Noir. Verschluß aus gehärtetem Glas.

Die Dichte des Verschluß wird durch ein innovatives Bajonettesystem gewährleistet, das die Öffnung / Schließung ohne Schrauben garantiert.

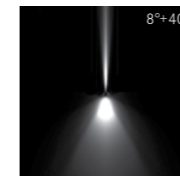
Interne elektronische Versorgung.



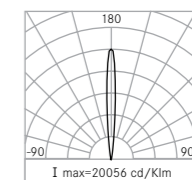
# ONE4TWO SMALL



LED



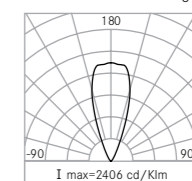
06OT205_3					
LED	2x4x1W	350 mA	2 x 345 lm	3000 K	●



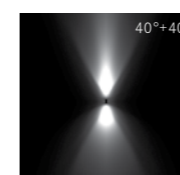
H (m)	Ø (m)	Em(lux)
1	0,19	2334
2	0,37	583
3	0,56	259
4	0,74	146
5	0,93	93



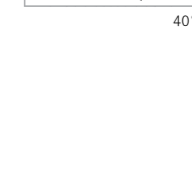
06OT201_3					
LED	2x4x1W	350 mA	2 x 345 lm	3000 K	●



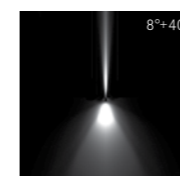
H (m)	Ø (m)	Em(lux)
1	0,71	278
2	1,41	69
3	2,13	31
4	2,84	17
5	3,54	11



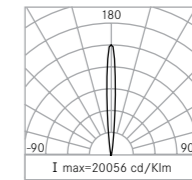
06OT204_3					
LED	2x4x1W	350 mA	2 x 345 lm	3000 K	●



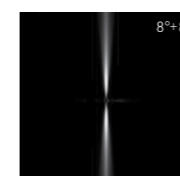
H (m)	Ø (m)	Em(lux)
1	0,71	278
2	1,41	69
3	2,13	31
4	2,84	17
5	3,54	11



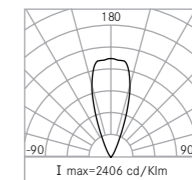
06OT205_1					
LED	2x4x1W	350 mA	2 x 375 lm	4000 K	●



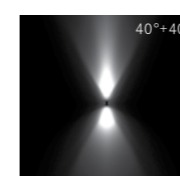
H (m)	Ø (m)	Em(lux)
1	0,19	2945
2	0,37	736
3	0,56	327
4	0,74	184
5	0,93	118



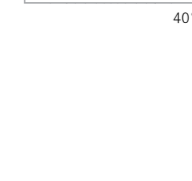
06OT201_1					
LED	2x4x1W	350 mA	2 x 375 lm	4000 K	●



H (m)	Ø (m)	Em(lux)
1	0,71	347
2	1,41	87
3	2,13	39
4	2,84	22
5	3,54	14



06OT204_1					
LED	2x4x1W	350 mA	2 x 375 lm	4000 K	●



H (m)	Ø (m)	Em(lux)
1	0,71	347
2	1,41	87
3	2,13	39
4	2,84	22
5	3,54	14

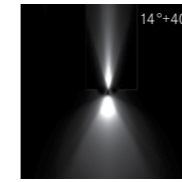
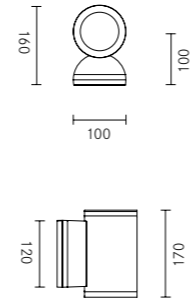
Per definizione colore nel codice sostituire “\_” con

In order to define the colour of the fitting, replace “\_” in the codes with

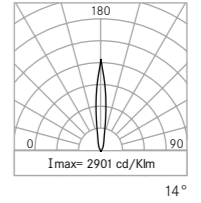
Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit

K = grigio RAL 9006 grey RAL 9006 grau RAL 9006

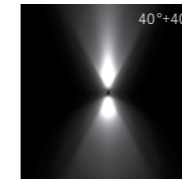
AD = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir



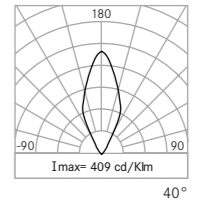
06OT011_4					
MT	1x20W	PGJ5	1650 lm	3000 K	CRL



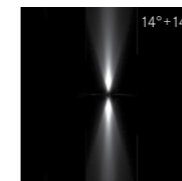
H (m)	Ø (m)	Em(lux)
5	1.09	97
4	0.87	152
3	0.65	270
2	0.43	608
1	0.22	2432



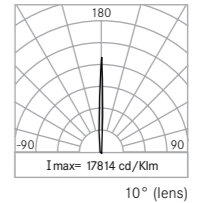
06OT013_4					
MT	1x20W	PGJ5	1650 lm	3000 K	CRL



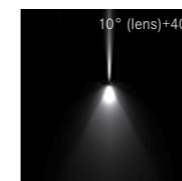
H (m)	Ø (m)	Em(lux)
5	3.96	12
4	3.17	19
3	2.38	34
2	1.59	78
1	0.79	310



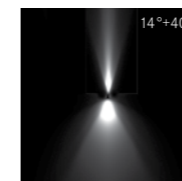
06OT014_4					
MT	1x20W	PGJ5	1650 lm	3000 K	CRL



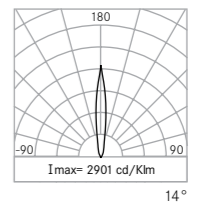
H (m)	Ø (m)	Em(lux)
5	0.35	50
4	0.28	78
3	0.21	139
2	0.14	312
1	0.07	1248



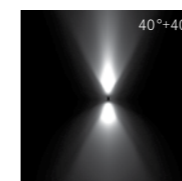
06OT021_4					
MT	1x20W	PGJ5	1650 lm	3000 K	CRL



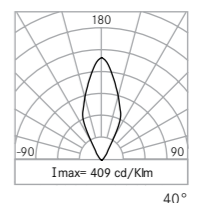
06OT031_4					
MT	1x35W	PGJ5	3300 lm	3000 K	CRL



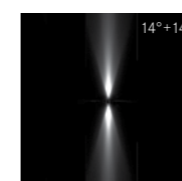
H (m)	Ø (m)	Em(lux)
5	1.09	194
4	0.87	304
3	0.65	540
2	0.43	1216
1	0.22	4864



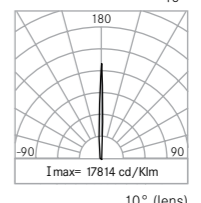
06OT033_4					
MT	1x35W	PGJ5	3300 lm	3000 K	CRL



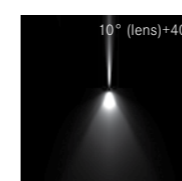
H (m)	Ø (m)	Em(lux)
5	3.96	24
4	3.17	38
3	2.38	68
2	1.59	156
1	0.79	620



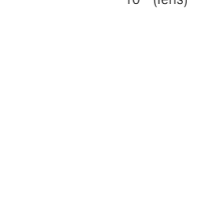
06OT034_4					
MT	1x35W	PGJ5	3300 lm	3000 K	CRL



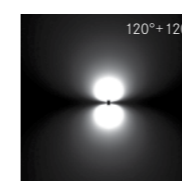
H (m)	Ø (m)	Em(lux)
5	0.35	100
4	0.28	156
3	0.21	278
2	0.14	624
1	0.07	2496



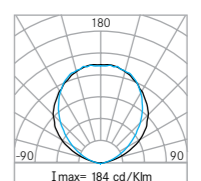
06OT041_4					
MT	1x35W	PGJ5	3300 lm	3000 K	CRL



H (m)	Ø (m)	Em(lux)
5	15.21	1
4	12.17	1.5
3	9.13	2
2	6.09	4.5
1	3.04	20

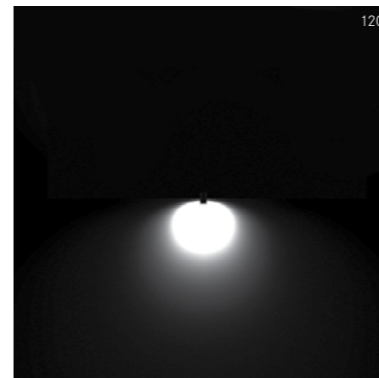
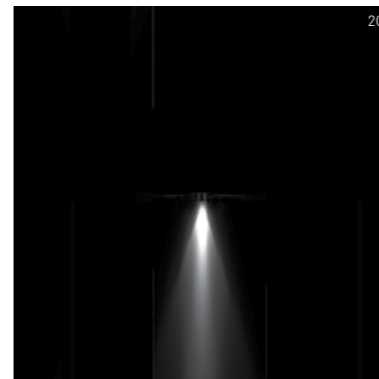
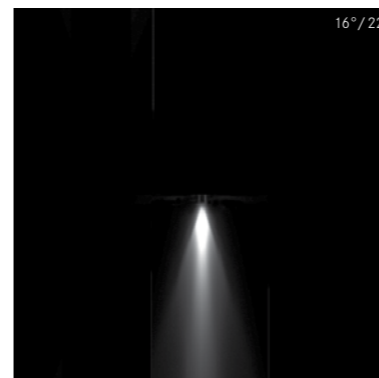
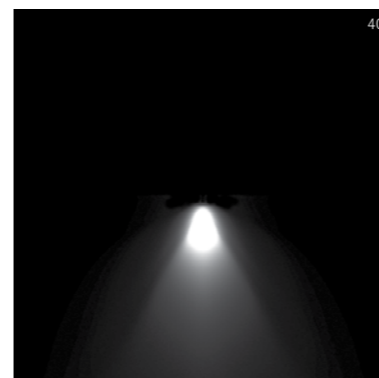
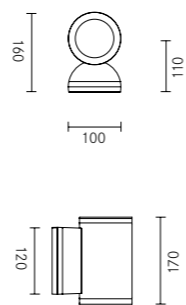


06OT091_6					
FCE Micro/Lynx	2x9W	Gx53	2x330 lm	3000 K	CL

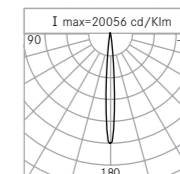


H (m)	Ø (m)	Em(lux)
5	15.21	1
4	12.17	1.5
3	9.13	2
2	6.09	4.5
1	3.04	20

Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 K = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 AD = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir

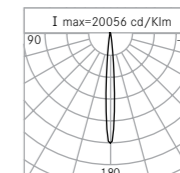


06OT211_3					
LED	4x1W	350 mA	345 lm	3000 K	●



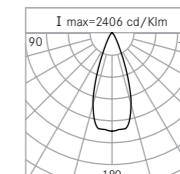
H (m)	Ø (m)	Em(lux)
1	0,19	2334
2	0,37	583
3	0,56	259
4	0,74	146
5	0,93	93

06OT211_1					
LED	4x1W	350 mA	375 lm	4000 K	●



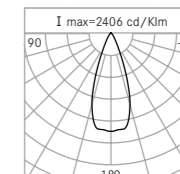
H (m)	Ø (m)	Em(lux)
1	0,19	2945
2	0,37	736
3	0,56	327
4	0,74	184
5	0,93	118

06OT214_3					
LED	4x1W	350 mA	345 lm	3000 K	●



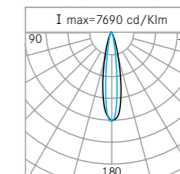
H (m)	Ø (m)	Em(lux)
1	0,71	278
2	1,41	69
3	2,13	31
4	2,84	17
5	3,54	11

06OT214_1					
LED	4x1W	350 mA	375 lm	4000 K	●



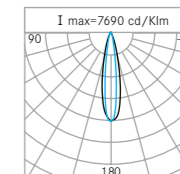
H (m)	Ø (m)	Em(lux)
1	0,71	347
2	1,41	87
3	2,13	39
4	2,84	22
5	3,54	14

06OT213_3					
LED	4x1W	350 mA	345 lm	3000 K	●



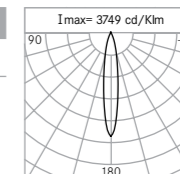
H (m)	axb (m)	Em(lux)
5	2,0x1,24	34
4	1,59x0,98	54
3	1,19x0,74	96
2	0,8x0,49	215
1	0,4x0,25	861

06OT213_1					
LED	4x1W	350 mA	375 lm	4000 K	●



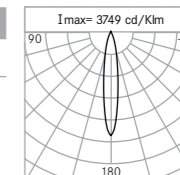
H (m)	axb (m)	Em(lux)
1	0,4x0,25	861
2	0,8x0,49	215
3	1,19x0,74	96
4	1,59x0,98	54
5	2,0x1,24	34

06OT111_4					
MT	1x20W	GU 6,5	1615 lm	3000 K	CRL



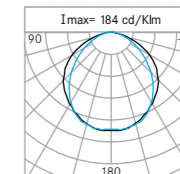
H (m)	Ø (m)	Em(lux)
1	0,28	3229
2	0,56	807
3	0,84	359
4	1,12	202
5	1,4	129

06OT115_4					
MT	1x35W	GU 6,5	3400 lm	3000 K	CRL



H (m)	Ø (m)	Em(lux)
1	0,28	5489
2	0,56	1371
3	0,84	610
4	1,12	343
5	1,4	220

*06OT093_6					
FCE Micro/Lynx	1x9W	Gx53	220lm	3000 K	CL



H (m)	Ø (m)	Em(lux)
1	3,04	20
2	6,09	4,5
3	9,13	2
4	12,17	1,5
5	15,21	1

Accessori Accessories Zubehör



Palo Pole Mast

**\*06OT901\_0**

Palo h. 1 mt. per n.1 ONE4TWO SMALL

Pole h. 1mt. for n.1 ONE4TWO SMALL

H 1 mt Mast für N°1 ONE4TWO SMALL.

**\*06OT902\_0**

Palo h. 1 mt. per n.2 ONE4TWO SMALL

Pole h. 1mt. for n.2 ONE4TWO SMALL

H 1 mt Mast für N°2 ONE4TWO SMALL.



Per definizione colore nel codice sostituire “\_” con

In order to define the colour of the fitting, replace “\_” in the codes with

Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit

K = grigio RAL 9006 grey RAL 9006 grau RAL 9006

AD = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir





# STEAM WHISTLE BREWING



(IT)

Apparecchio adatto per installazione a parete in interni ed esterni, su palo, a soffitto, ideale per l'illuminazione di spazi commerciali, hall, pareti, facciate, portici, imbotti, colonne e androni.

Sorgenti: 9 LED da 1W warm white o cool white, lampada 35W MT - 70W MT attacco G12.

Versioni con emissione luminosa diretta e diretta/indiretta.

Le versioni biemissione sono previste con ottica basculante.

Disponibili ottiche diffondenti, concentranti e lama, abbinabili tra loro.

**Nella versione con lampada a scarica la biemissione è ottenuta con una sola sorgente luminosa.**

Struttura in alluminio estruso e pressofuso, verniciato di colore grigio RAL9006 o sablé 100 Noir.

Chiusura in vetro temprato.

L'ermeticità della chiusura vetro/corpo

è caratterizzata da un innovativo sistema a baionetta, che garantisce l'apertura-chiusura senza l'impiego di viti.

Alimentazione elettronica integrata.

(UK)

*This fitting is suitable for wall installation both outdoor and indoor, on pole, on ceiling, ideal to light commercial areas, halls, walls, façades, porches, intrados, columns and arcades.*

*Light sources: 9 1W leds warm white or cool white, 1 35W MT PWB or 70W MT PWB lamp with G12 socket*

*Available in several versions: direct emission or direct/indirect emission.*

*Double emission versions are supplied with balancing optic.*

*Available with wide beam, narrow beam or blade optics, with possibility to create various combinations.*

***In the version with metal halide lamp, the double emission of light is obtained only through one light-source.***

*Main structure in extruded and die-cast aluminium, painted in grey RAL9006 or dark grey Sablé 100 Noir.*

*Closure in toughened glass.*

*Watertight closure glass/body is assured by an innovative bayonet system, which enables easy turn & open without using any screw.*

*Integrated electronic control gear.*

(DE)

Leuchte für die Innen - oder Außeninstallation an Wand oder auf Mast, geeignet für die Beleuchtung von Fassaden, Gänge, Hausflure, Hallen und Verkaufsräume.

Lichtquelle: 9 LED da 1W warm white o cool white, 1 Leuchtmittel 35W MT PWB oder 1 Leuchtmittel 70W MT PWB Fassung G12 .

Erhältlich mit direktem, indirektem oder direktem/indirektem Lichtaustritt.

Verfügbar mit breitstrahlender , engstrahlender und streifenförmiger Optik, die kombiniert werden können.

**In den Version mit einer einzelnen Metaldampfampe wird die Doppelemmission nur mit einer Lichtquelle erzielt.**

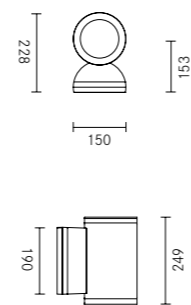
Der Körper ist aus extrudierten Aluminiumdruckguss, lackiert in RAL 9006 grau oder Anthrazit Sablé 100 Noir. Verschluss aus gehärtetem Glas.

Die Dichte des Verschluss es wird durch ein innovatives Bajonettsystem gewährleistet, dass die Öffnung / Schließung ohne Schrauben garantiert.

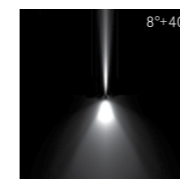
Interne elektronische Versorgung.

# ONE4TWO MEDIUM

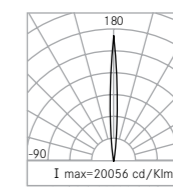




LED



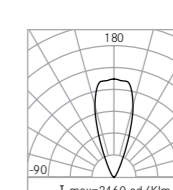
060T705_3					
LED	2x9x1W	350 mA	2x775 lm	3000 K	●



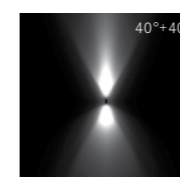
H (m)	Ø (m)	Em(lux)
1	0,19	5268
2	0,37	1317
3	0,56	585
4	0,74	329
5	0,93	211



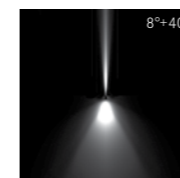
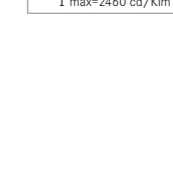
060T701_3					
LED	2x9x1W	350 mA	2x775 lm	3000 K	●



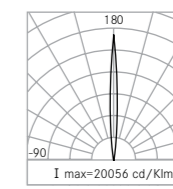
H (m)	Ø (m)	Em(lux)
1	0,71	625
2	1,41	156
3	2,13	69
4	2,84	39
5	3,54	25



060T704_3					
LED	2x9x1W	350 mA	2x775 lm	3000 K	●



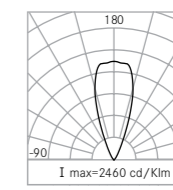
060T705_1					
LED	2x9x1W	350 mA	2x840 lm	4000 K	●



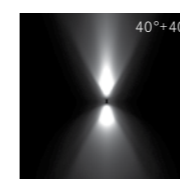
H (m)	Ø (m)	Em(lux)
1	0,19	6570
2	0,37	1643
3	0,56	730
4	0,74	411
5	0,93	263



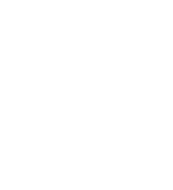
060T701_1					
LED	2x9x1W	350 mA	2x840 lm	4000 K	●



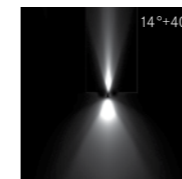
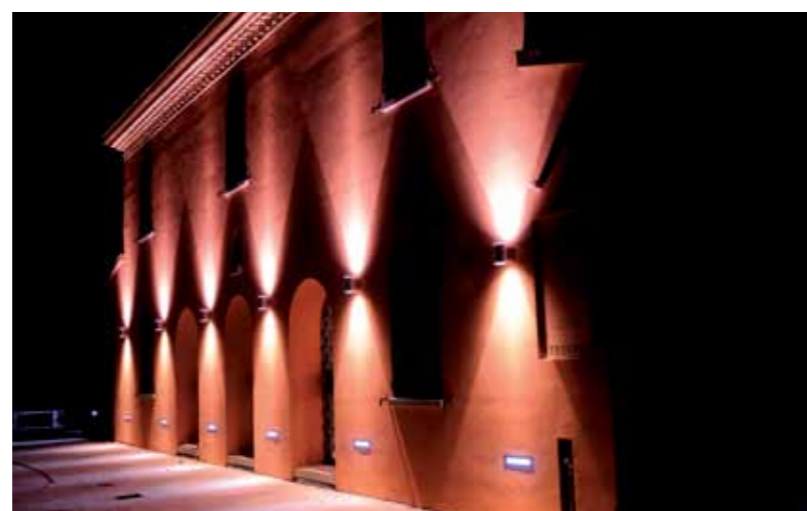
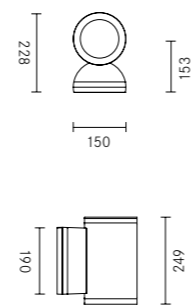
H (m)	Ø (m)	Em(lux)
1	0,71	779
2	1,41	195
3	2,13	87
4	2,84	49
5	3,54	31



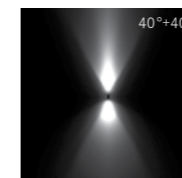
060T704_1					
LED	2x9x1W	350 mA	2x840 lm	4000 K	●



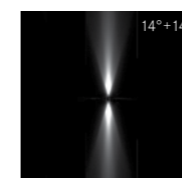
Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 K = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 AD = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir



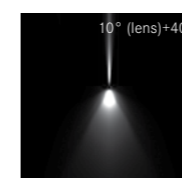
06OT415_4					
MT-PWB	1x35W	G12	3300 lm	3000 K	CRL



06OT416_4					
MT-PWB	1x35W	G12	3300 lm	3000 K	CRL



06OT417_4					
MT-PWB	1x35W	G12	3300 lm	3000 K	CRL

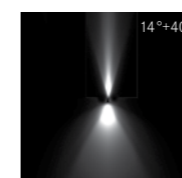


06OT423_4					
MT-PWB	1x35W	G12	3300 lm	3000 K	CRL

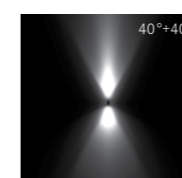
H (m)	Ø (m)	Em(lux)
5	1.09	194
4	0.87	304
3	0.65	540
2	0.43	1216
1	0.22	4864

H (m)	Ø (m)	Em(lux)
5	3.96	24
4	3.17	38
3	2.38	68
2	1.59	156
1	0.79	620

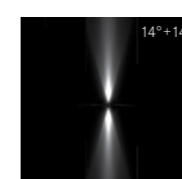
H (m)	Ø (m)	Em(lux)
5	0.35	100
4	0.28	156
3	0.21	278
2	0.14	624
1	0.07	2496



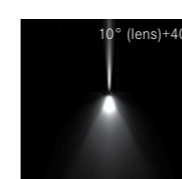
06OT411_4					
MT-PWB	1x70W	G12	6700 lm	3000 K	CRL



06OT413_4					
MT-PWB	1x70W	G12	6700 lm	3000 K	CRL



06OT414_4					
MT-PWB	1x70W	G12	6700 lm	3000 K	CRL



06OT421_4					
MT-PWB	1x70W	G12	6700 lm	3000 K	CRL

H (m)	Ø (m)	Em(lux)
5	1.38	343
4	1.11	536
3	0.83	953
2	0.55	2145
1	0.28	8578

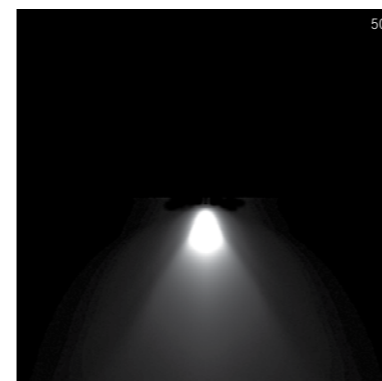
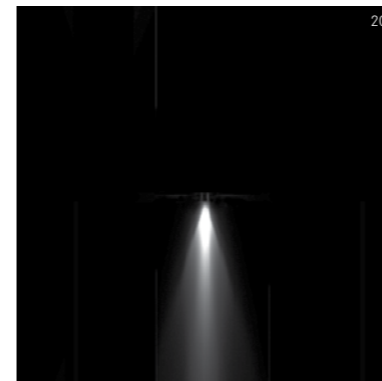
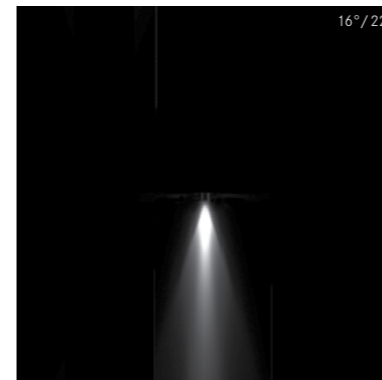
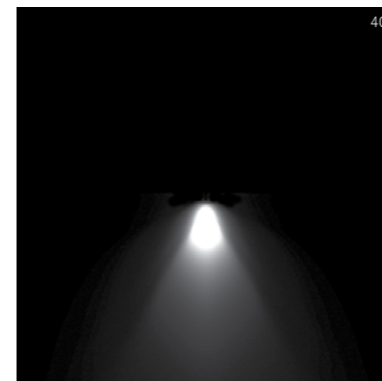
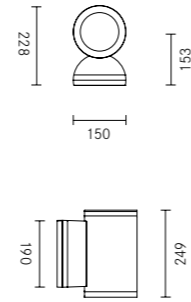
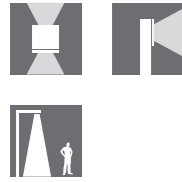
H (m)	Ø (m)	Em(lux)
5	3.96	48
4	3.17	76
3	2.38	136
2	1.59	312
1	0.79	1240

H (m)	Ø (m)	Em(lux)
5	0.35	200
4	0.28	312
3	0.21	546
2	0.14	1248
1	0.07	4992

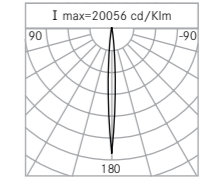
Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 K = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 AD = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir



Passeo arrabile

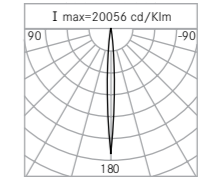


06OT711_3					
LED	9x1W	350 mA	775 lm	3000 K	●



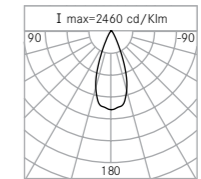
H (m)	Ø (m)	Em(lux)
1	0,19	5268
2	0,37	1317
3	0,56	585
4	0,74	329
5	0,93	211

06OT711_1					
LED	9x1W	350 mA	840 lm	4000 K	●



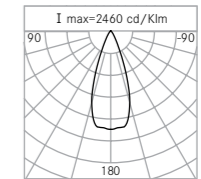
H (m)	Ø (m)	Em(lux)
1	0,19	6570
2	0,37	1643
3	0,56	730
4	0,74	411
5	0,93	263

06OT714_3					
LED	9x1W	350 mA	775 lm	3000 K	●



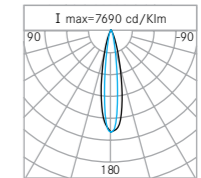
H (m)	Ø (m)	Em(lux)
1	0,71	625
2	1,41	156
3	2,13	69
4	2,84	39
5	3,54	25

06OT714_1					
LED	9x1W	350 mA	840 lm	4000 K	●



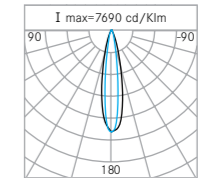
H (m)	Ø (m)	Em(lux)
1	0,71	779
2	1,41	195
3	2,13	87
4	2,84	49
5	3,54	31

06OT713_3					
LED	9x1W	350 mA	775 lm	3000 K	●



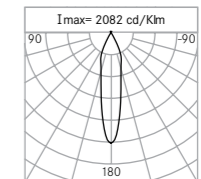
H (m)	axb (m)	Em(lux)
1	0,4x0,25	1940
2	0,8x0,49	485
3	1,19x0,74	216
4	1,59x0,98	121
5	2,0x1,24	78

06OT713_1					
LED	9x1W	350 mA	840 lm	4000 K	●



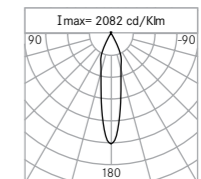
H (m)	axb (m)	Em(lux)
1	0,4x0,25	2402
2	0,8x0,49	600
3	1,19x0,74	267
4	1,59x0,98	150
5	2x1,24	96

06OT515_4					
MT-PWB	1x35W	G12	3300 lm	3000 K	CRL



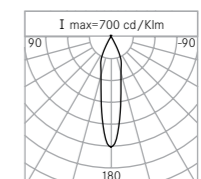
H (m)	Ø (m)	Em(lux)
1	0,37	4259
2	0,73	1071
3	1,1	476
4	1,47	268
5	1,84	172

06OT511_4					
MT-PWB	1x70W	G12	6700 lm	3000 K	CRL



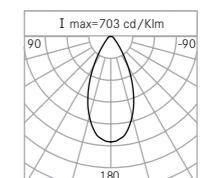
H (m)	Ø (m)	Em(lux)
1	0,3x0,3	8569
2	0,8x0,6	2142
3	1,2x0,9	952
4	1,5x1,1	536
5	1,9x1,4	343

06OT516_4					
MT-PWB	1x35W	G12	3300 lm	3000 K	CRL
Vetro sabbiato <i>Sandblasted glass</i> Sandgestrahltes Glas					



H (m)	Ø (m)	Em(lux)
1	0,9	1380
2	1,81	345
3	2,71	154
4	3,61	86
5	4,51	55

06OT512_4					
MT-PWB	1x70W	G12	6700 lm	3000 K	CRL
Vetro sabbiato <i>Sandblasted glass</i> Sandgestrahltes Glas					



H (m)	Ø (m)	Em(lux)
1	0,3x0,3	2759
2	0,8x0,6	690
3	1,2x0,9	307
4	1,5x1,1	172
5	1,9x1,4	110

Per definizione colore nel codice sostituire “\_” con  
**In order to define the colour of the fitting, replace “\_” in the codes with**  
**Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit**  
 K = grigio RAL 9006 *grey RAL 9006 grau RAL 9006*  
 AD = sablé 100 Noir *dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir*

**Accessori Accessories Zubehör**



Palo *Pole* Mast

**06OT911\_0**

Palo h. 3 mt. per n.1 ONE4TWO MEDIUM  
*Pole h. 3 mt. for n.1 ONE4TWO MEDIUM*  
 H 3 mt Mast für N°1 ONE4TWO MEDIUM

**06OT912\_0**

Palo h. 3 mt. per n.2 ONE4TWO MEDIUM  
*Pole h. 3 mt. for n.2 ONE4TWO MEDIUM*  
 H 3 mt Mast für N°2 ONE4TWO MEDIUM.



Palo Cilindrico *Cylindrique* Pole Mast

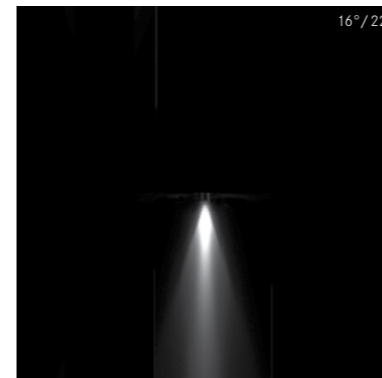
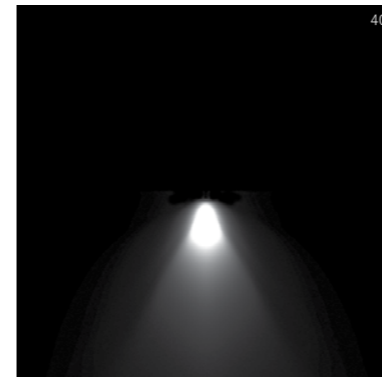
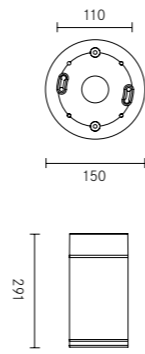
**06OT913\_0**

Palo h. 4,5 mt. per n.1 ONE4TWO MEDIUM  
*Pole h. 4,5 mt. for n.1 ONE4TWO MEDIUM*  
 Cylindrischer Mast h 4,5 mt für N°1 ONE4TWO MEDIUM.

**06OT914\_0**

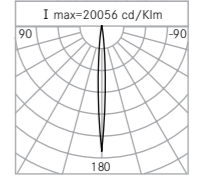
Palo h. 4,5 mt. per n.2 ONE4TWO MEDIUM  
*Pole h. 4,5 mt. for n.2 ONE4TWO MEDIUM*  
 Cylindrischer Mast h 4,5 mt für N°2 ONE4TWO MEDIUM.





**06OT721\_3**

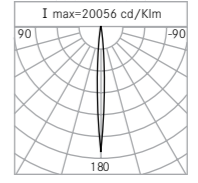
LED	9x1W	350 mA	775 lm	3000 K	
-----	------	--------	--------	--------	--



H (m)	Ø (m)	Em(lux)
1	0,19	5268
2	0,37	1317
3	0,56	585
4	0,74	329
5	0,93	211

**06OT721\_1**

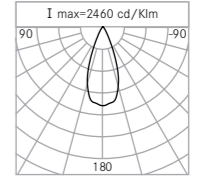
LED	9x1W	350 mA	840 lm	4000 K	
-----	------	--------	--------	--------	--



H (m)	Ø (m)	Em(lux)
1	0,19	6570
2	0,37	1643
3	0,56	730
4	0,74	411
5	0,93	263

**06OT724\_3**

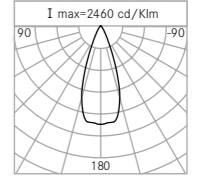
LED	9x1W	350 mA	775 lm	3000 K	
-----	------	--------	--------	--------	--



H (m)	Ø (m)	Em(lux)
1	0,71	625
2	1,41	156
3	2,13	69
4	2,84	39
5	3,54	25

**06OT724\_1**

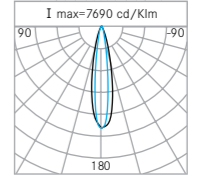
LED	9x1W	350 mA	840 lm	4000 K	
-----	------	--------	--------	--------	--



H (m)	Ø (m)	Em(lux)
1	0,71	779
2	1,41	195
3	2,13	87
4	2,84	49
5	3,54	31

**06OT723\_3**

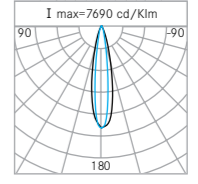
LED	9x1W	350mA	775 lm	3000 K	
-----	------	-------	--------	--------	--



H (m)	axb (m)	Em(lux)
1	0,4x0,25	1940
2	0,8x0,49	485
3	1,19x0,74	216
4	1,59x0,98	121
5	2,0x1,24	78

**06OT723\_1**

LED	9x1W	350 mA	840 lm	4000 K	
-----	------	--------	--------	--------	--



H (m)	axb (m)	Em(lux)
1	0,4x0,25	2402
2	0,8x0,49	600
3	1,19x0,74	267
4	1,59x0,98	150
5	2x1,24	96

Per definizione colore nel codice sostituire “\_” con

In order to define the colour of the fitting, replace “\_” in the codes with

Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit

K = grigio RAL 9006 grey RAL 9006 grau RAL 9006

AD = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir

Accessori Accessories Zubehör



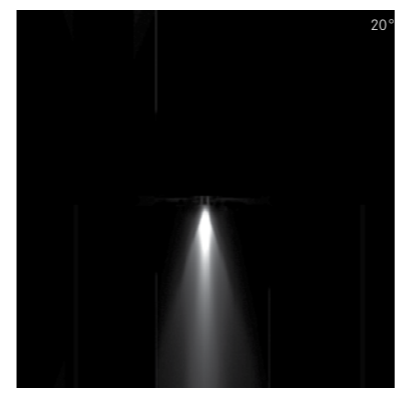
Tige

**06OT950\_0**

L = 1000 mm

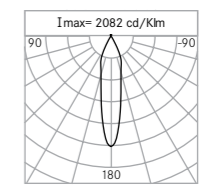




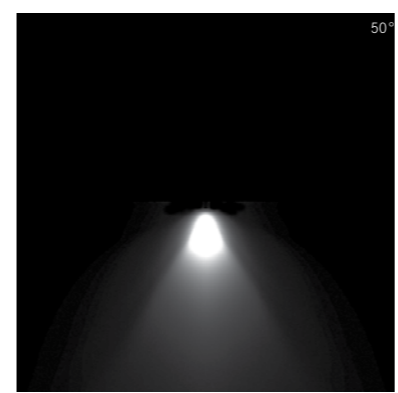


**06OT615\_4**

MT-PWB	1x35W	G12	3300 lm	3000 K	CRL
--------	-------	-----	---------	--------	-----

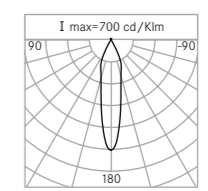


H (m)	Ø (m)	Em(lux)
1	0,37	4259
2	0,73	1071
3	1,1	476
4	1,47	268
5	1,84	172



**06OT616\_4**

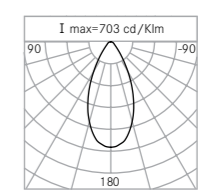
MT-PWB	1x35W	G12	3300 lm	3000 K	CRL
Vetro sabbiato <i>Sandblasted glass</i> Sandgestrahltes Glas					



H (m)	Ø (m)	Em(lux)
1	0,9	1380
2	1,81	345
3	2,71	154
4	3,61	86
5	4,51	55

**06OT612\_4**

MT-PWB	1x70W	G12	6700 lm	3000 K	CRL
Vetro sabbiato <i>Sandblasted glass</i> Sandgestrahltes Glas					



H (m)	Ø (m)	Em(lux)
1	0,3x0,3	2759
2	0,8x0,6	690
3	1,2x0,9	307
4	1,5x1,1	172
5	1,9x1,4	110

(IT)

Famiglia di apparecchi di forme differenti, versatili nella funzionalità e nel luogo di installazione. Ideali per camminamenti, piazze, giardini, spazi commerciali e residenziali, alberghi, musei e siti archeologici. Gli apparecchi sono dotati di uno o più moduli LED di potenza cool white di ultima generazione che offrono la maggior efficienza e affidabilità.

In funzione della configurazione, le ottiche sono simmetrica diffondente e asimmetrica diffondente. Il vetro di chiusura del modulo è serigrafato grigio RAL9006 nelle zone di non interesse ottico o sabbiato. Il fusto è un estruso in lega d'alluminio mentre il tappo di chiusura, il vano ottico e la base, prevista per il fissaggio a terra in esterni, sono pressofusi sempre in lega di alluminio. Per le versioni senza base l'installazione avviene mediante il fissaggio di una piastra in acciaio a scomparsa. Il sistema è verniciato con polveri poliestere di colore grigio RAL9006 o sablé 100 Noir dopo un trattamento di fosfocromatazione. L'alimentazione elettronica è integrata e l'apparecchio è fornito con 1 mt di cavo.

(UK)

*A family of fittings with different shapes, versatile as far as their function and installation place are concerned. Suitable for footpaths, squares, gardens, commercial and residential areas, hotels, museums and archeological sites.*

*These fittings contain one or more modules LED, cool white, last generation type; these can offer the highest efficiency and reliability. Each configuration can have different optics, symmetrical with beam and asymmetrical wide beam.*

*The closure glass of the module has a RAL9006 grey colour serigraphy on areas without optical function or sandblasted glass. Body is extruded in aluminium alloy, while closing cap, optic and base, which is foreseen for outdoor installation on ground, are made of die-cast aluminium.*

*For versions without base, installation is made by fixing an inner steel plate.*

*After a chrome treatment the item is painted with polyester powders, grey colour RAL9006 or dark grey Sablé 100 Noir.*

*The electronic ballast is included and fitting is supplied with a 1 m. cable.*

(DE)

Serie von Lampen verschiedener Formen, vielseitig in Funktion und Installationslagen. Ideal für Wege, Plätze, Gärten, Geschäfts- und Wohnbereiche, Hotels, Museen und Ausgrabungsstätten. Die Geräte sind mit einem oder mehreren Modulen ausgestattet, LED cool weiß der neuesten Generation, die in Verhältniss mit der Versorgungsregelung die größtmögliche Effizienz und Zuverlässigkeit bieten.

Für bessere Gestaltung, sind die Optiken symmetrisch breitstrahlend und asymmetrisch breitstrahlend. Das Verschlussglas des Moduls ist an den optisch nicht relevanten Stellen mit grauem Siebdruck RAL 9006 versehen oder sandgestrahltes Glas. Der Schaft ist aus fließgepresster Aluminiumlegierung, der Verschluss, der optische Gehäuse und der für die Bodenbefestigung in Außenbereichen vorgesehene Fuß hingegen sind aus Aluminiumdruckgußlegierung.

Für die Ausführungen ohne Fuß erfolgt die Installation durch Befestigung einer ausziehbaren Stahlplatte. Das Lampensystem wird nach Chromatierung mit grauem Polyesterpulver RAL 9006 oder Anthrazit Sablé 100 Noir. Die Stromzufuhr ist integriert und das Gerät wird mit 1 Meter Kabel geliefert.



# PAULE SYSTEM





LB 3000/4000



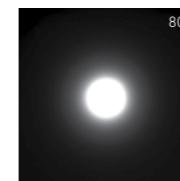
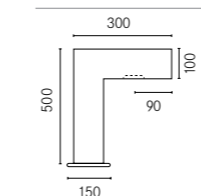
LB 1000-2-S



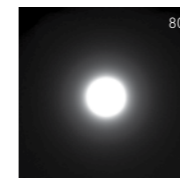
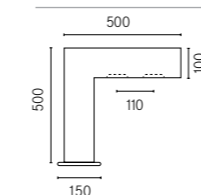
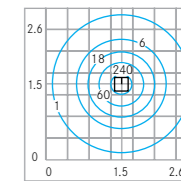
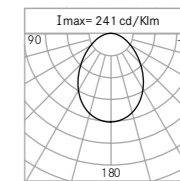
LB 500-1-S



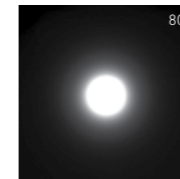
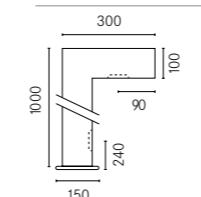
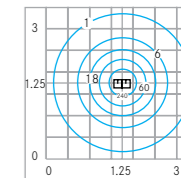
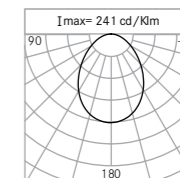
UB 500-2



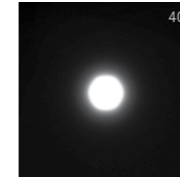
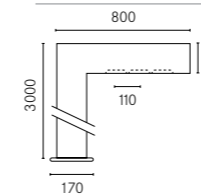
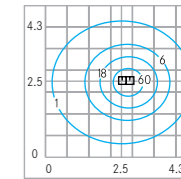
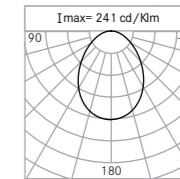
**06PSL1109\_** LB 500-1-S  
LED 4x1W 375 lm 350 mA 4000 K 3Kg ●  
Vetro sabbiato *Sandblasted glass* Sandgestrahltes Glas



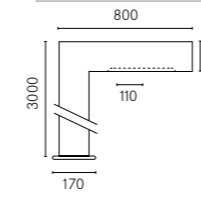
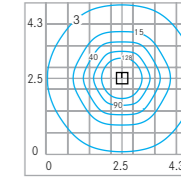
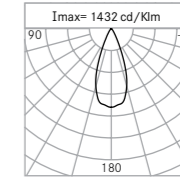
**06PSL2109\_** LB 500-2-S  
LED 8x1W 745 lm 350 mA 4000 K 4Kg ●  
Vetro sabbiato *Sandblasted glass* Sandgestrahltes Glas



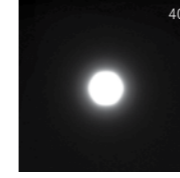
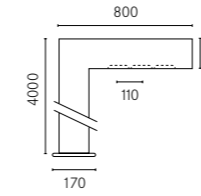
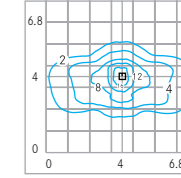
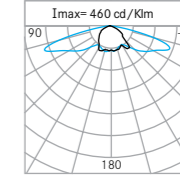
**06PSL3109\_** LB 1000-2-S  
LED 8x1W 745 lm 350 mA 4000 K 6Kg ●  
Vetro sabbiato *Sandblasted glass* Sandgestrahltes Glas



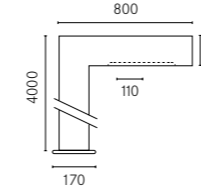
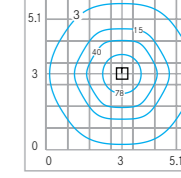
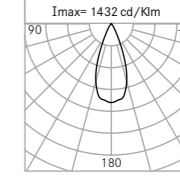
**06PSL4103\_** LB 3000-3  
LED 12x1W 1120 lm 350 mA 4000 K 14Kg ●



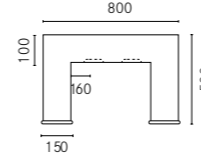
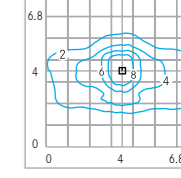
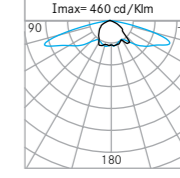
**06PSL4106\_** LB 3000-1  
LED 10x1W 930 lm 350 mA 4000 K Kg14 ●  
Optica stradale *Street optic* Straßenoptik



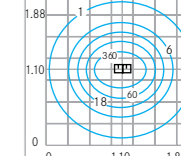
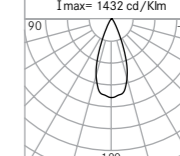
**06PSL5103\_** LB 4000-3  
LED 12x1W 1120 lm 350 mA 4000 K 19Kg ●



**06PSL5106\_** LB 4000-2  
LED 10x1W 930 lm 350 mA 4000 K Kg19 ●  
Optica stradale *Street optic* Straßenoptik

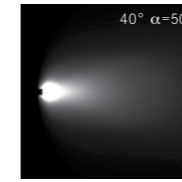
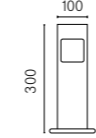


**06PSU1103\_** UB 500-2  
LED 8x1W 745 lm 350 mA 4000 K Kg8 ●

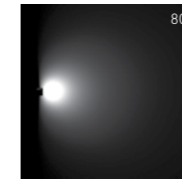
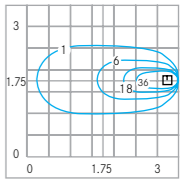
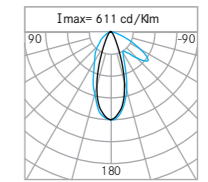


Per definizione colore nel codice sostituire “\_” con  
In order to define the colour of the fitting, replace “\_” in the codes with  
Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
A = grigio RAL 9006 *grey RAL 9006* grau RAL 9006  
C = sablé 100 Noir *dark grey Sablé 100 Noir* Anthrazit Sablé 100 Noir

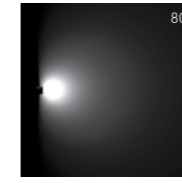
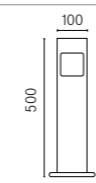
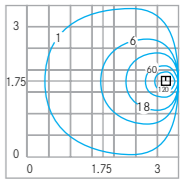
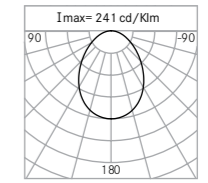




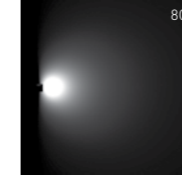
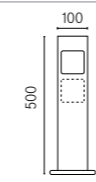
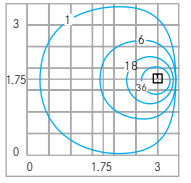
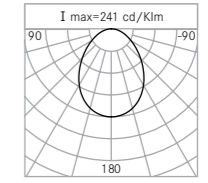
**06PSI1105\_** IB 300-1  
 LED 4x1W 375 lm 350 mA 4000 K 3Kg ●  
 Asimmetrica Asymmetric Asymmetrisch \*ref. 4 x 1W



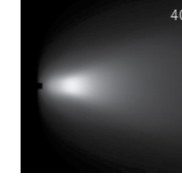
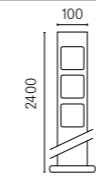
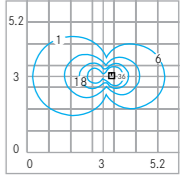
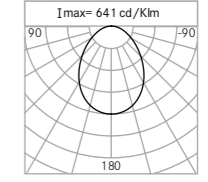
**06PSI1109\_** IB 300-1-S  
 LED 4x1W 375 lm 350 mA 4000 K 3Kg ●  
 Vetro sabbato Sandblasted glass Sandgestrahltes Glas



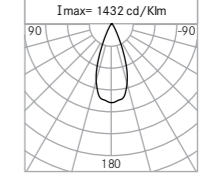
**06PSI2109\_** IB 500-1-S  
 LED 4x1W 375 lm 350 mA 4000 K 4Kg ●  
 Vetro sabbato Sandblasted glass Sandgestrahltes Glas



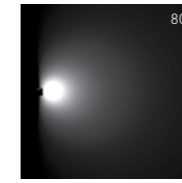
**06PSI3109\_** IB 500-2-S  
 LED 8x1W 745 lm 350 mA 4000 K 4Kg ●  
 Vetro sabbato Sandblasted glass Sandgestrahltes Glas



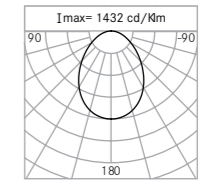
**06PSI4103\_** IB 2400-3  
 LED 12x1W 1120 lm 350 mA 4000 K 12Kg ●



H (m)	Ø (m)	Em(lux)
5	3,45	32
4	2,76	68
3	2,07	94
2	1,38	209
1	0,69	828



**06PSI4109\_** IB 2400-3-S  
 LED 12x1W 1120 lm 350 mA 4000 K 12Kg ●  
 Vetro sabbato Sandblasted glass Sandgestrahltes Glas



H (m)	Ø (m)	Em(lux)
5	9,07	1
4	7,25	4
3	5,44	7
2	3,63	18
1	1,81	80



IB 2400-3-S

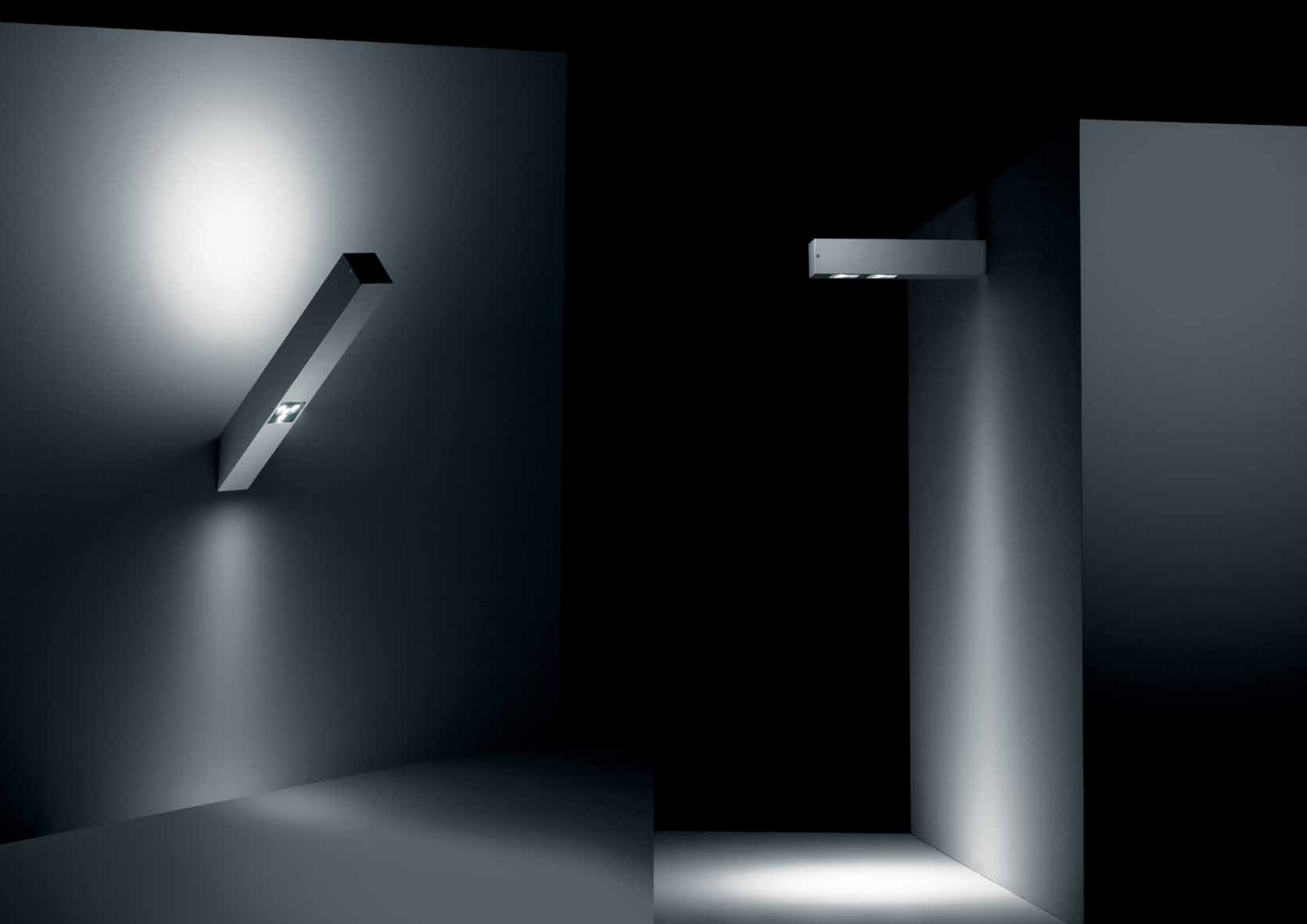


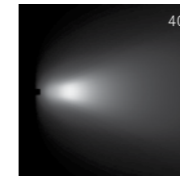
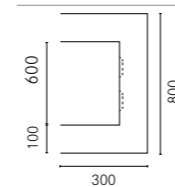
IB 500-1-S



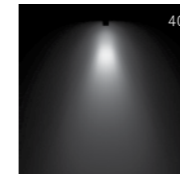
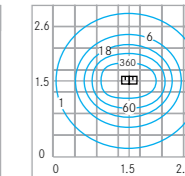
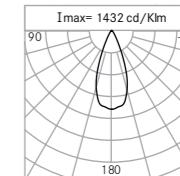
IB 300-1-S

Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 A = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 C = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir

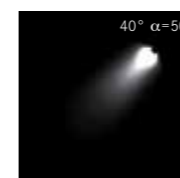
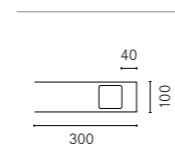
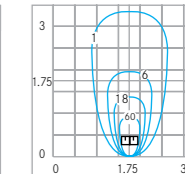
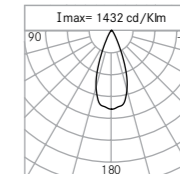




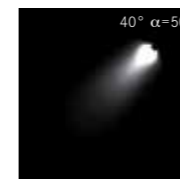
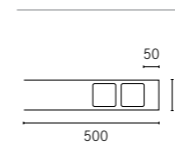
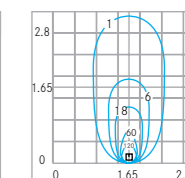
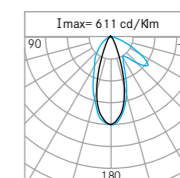
**06PSC1103\_** C 300-2  
LED 8x1W 745 lm 350 mA 4000 K 6Kg



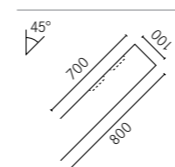
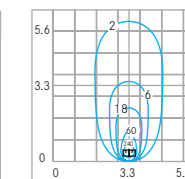
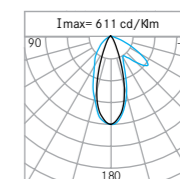
**06PSI5103\_** IP 500-2  
LED 8x1W 745 lm 350 mA 4000 K 4Kg



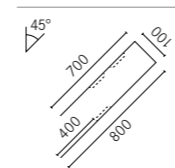
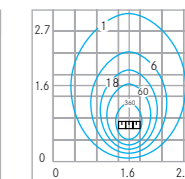
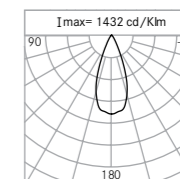
**06PSI6103\_** I 300-1  
LED 4x1W 375 lm 350 mA 4000 K 2Kg



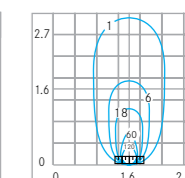
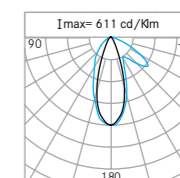
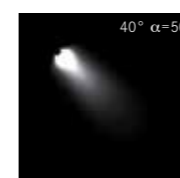
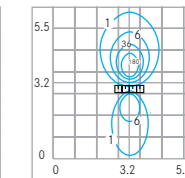
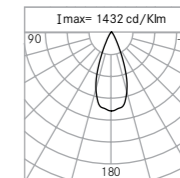
**06PSI7103\_** I 500-2  
LED 8x1W 745 lm 350 mA 4000 K 4Kg



**06PSY1103\_** Y 800-2  
LED 8x1W 745 lm 350 mA 4000 K 4Kg



**06PSY2103\_** Y 800-3  
LED 12x1W 1120 lm 350 mA 4000 K 4Kg



C 300-2



I 300-1



I 500-2



IP 500-2



Y 800-2



Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 A = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 C = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir





(IT)

Apparecchio adatto per qualsiasi installazione in interni ed esterni.

Ideale per ogni tipo di illuminazione, facciate, imbotti, vetrine, statue, aree verdi.

Sorgenti: 2 led da 1W warm e cool white o blu; disponibile su richiesta versione rosso e verde.

Disponibile in tre fasci luminosi: lama, bi-lama e wall washer.

La versione wall washer con vetro prismatico svolge anche la funzione di proiezione ad emissione spot.

Sistema in pressofusione di alluminio verniciato nel colore RAL9006.

Gli apparecchi Led Lite 1 sono forniti con un cavo di alimentazione lungo 1 metro.

Alimentazione remota (da ordinare separatamente).

(UK)

*A fitting suitable for every kind of installation in both interiors and exteriors.*

*Ideal to light façades, intrados, display windows, statues, green areas.*

*Light sources: two 1W leds warm and cool white or blue; available also in red and green.*

*Available in three light beam configurations: blade, double blade and wall washer.*

*The wall washer version with prismatic glass also carries out the function of spot emission.*

*Die-cast aluminium system, painted with colour RAL9006.*

*LedLite 1 fixtures are provided with a 1 m long power supply cable.*

*Remote power supply (to be ordered separately).*

(DE)

Gerät geeignet für jede Innen- oder Außeninstallation.

Ideal für Beleuchtung von Fassaden, Grünzonen, Schaufenstern, Statuen usw.

Lichtquelle : 2 Led in 1W warm und cool white oder blau; verfügbar auf Anfrage auch in den Farben rot und grün.

Verfügbar in 3 verschiedene Versionen : Streiflicht, Doppelstreiflicht, Wallwasher.

Die Wallwasherversion funktioniert mit prismaticiertem Glas auch als Spot-Lichtausstrahlung System aus Aluminiumlegierung, lackiert in Farbe RAL9006.

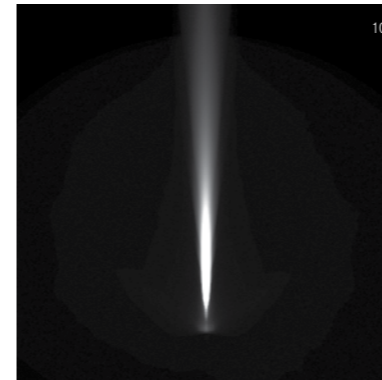
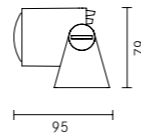
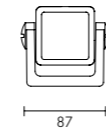
Die LedLite 1 Geräte sind mit 1 m langen Stromkabeln ausgestattet.

Darüberhinausgehende Stromzufuhr ist separat zu bestellen.

# LED LITE 1

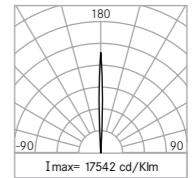
Design by Silvio De Ponte & R&S Cariboni Lite  
with the collaboration of Roberta Dimitri



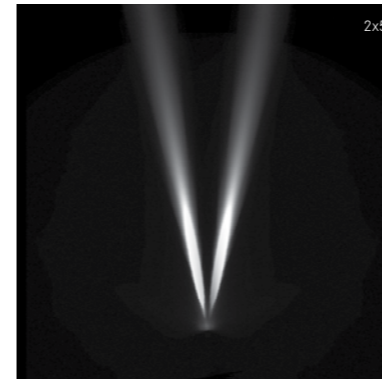


**Lama Blade Streiflicht**

<b>06LA1101A</b>	LED 2 x 1W	2x93 lm	350 mA	4000k	●
<b>06LA1191A</b>	LED 2 x 1W	2x86 lm	350 mA	3000k	●
<b>06LA1161A</b>	LED 2 x 1W	2x20 lm	350 mA		●

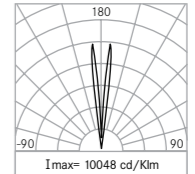


Ref. 2 x 100 lm		
H (m)	Ø (m)	Em(lux)
5	0,35	88
4	0,28	138
3	0,21	243
2	0,14	548
1	0,07	2190

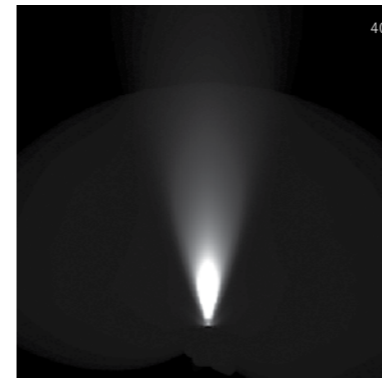


**Bi-lama Double-blades Doppelstreiflicht**

<b>06LA1102A</b>	LED 2 x 1W	2x93 lm	350 mA	4000k	●
<b>06LA1192A</b>	LED 2 x 1W	2x86 lm	350 mA	3000k	●
<b>06LA1162A</b>	LED 2 x 1W	2x20 lm	350 mA		●

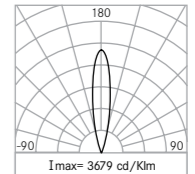


Ref. 2 x 100 lm		
H (m)	Ø (m)	Em(lux)
5	2,05	53
4	1,64	83
3	1,23	145
2	0,82	328
1	0,41	1310



**Wall washer Wall washer Wall washer**

<b>06LA1105A</b>	LED 2 x 1W	2x93 lm	350 mA	4000k	●
<b>06LA1195A</b>	LED 2 x 1W	2x86 lm	350 mA	3000k	●
<b>06LA1165A</b>	LED 2 x 1W	2x20 lm	350 mA		●



Ref. 2 x 100 lm		
H (m)	Ø (m)	Em(lux)
5	1,71	20
4	1,37	30
3	1,03	53
2	0,68	118
1	0,34	473

Altri colori led disponibili Other Available led colours Erhältliche LED Farben

red	●	LED 2 x 1W	350 mA	2 x 40 lm
green	●	LED 2 x 1W	350 mA	2 x 70 lm

**Accessori Accessories Zubehör**

Alimentatore elettronico *Electronic ballast* Elektronischr Driver

**06LL907AB0**

Max 4 LedLite

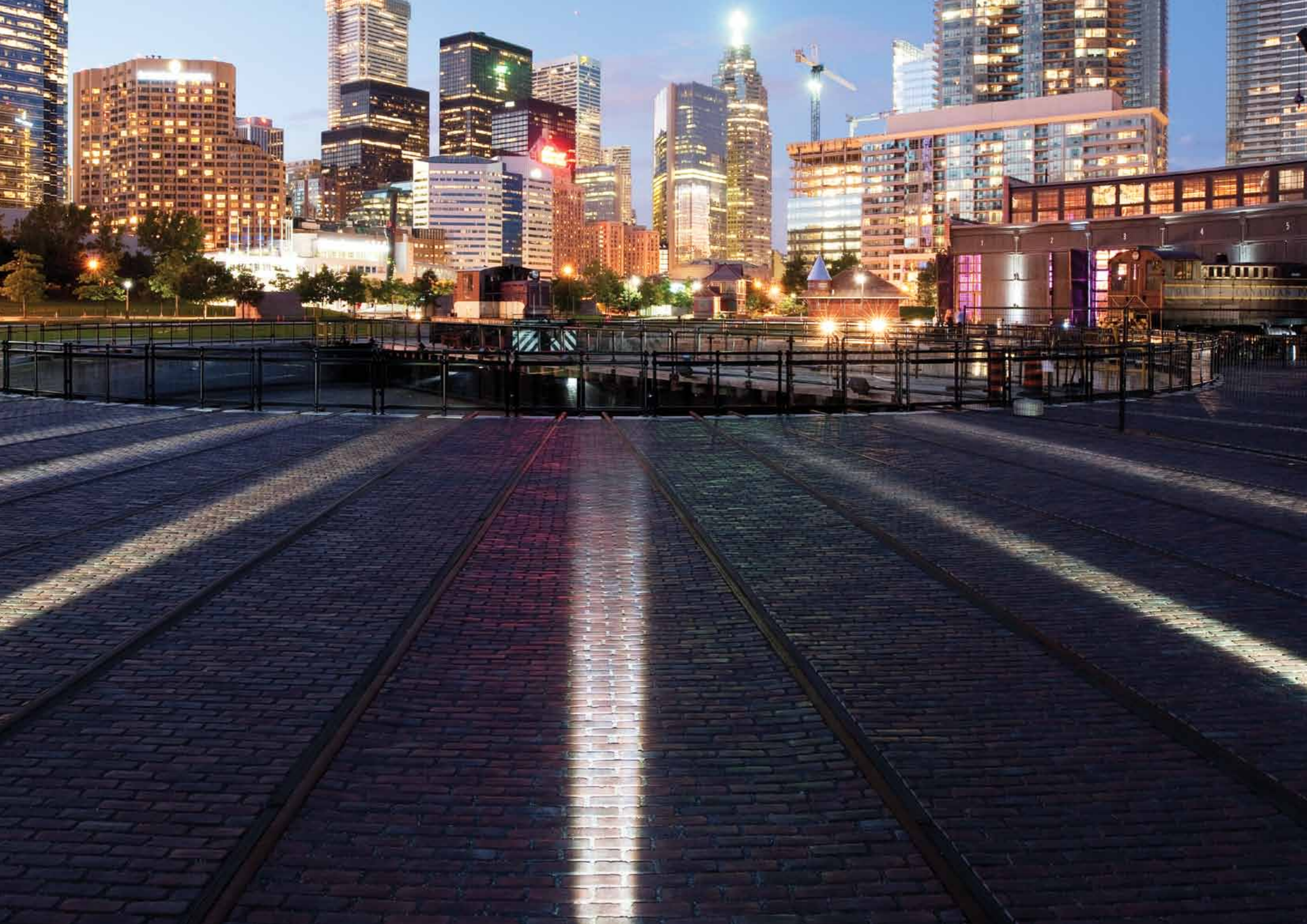
Picchetto per interramento  
*Picket for ground installation*  
 Pflock für Bodeninstallation

**06LL903AB0**



*Light  
Around*





(IT)

Apparecchio adatto per installazione in interni ed esterni. Ideale per l'illuminazione di facciate, imbotti, particolari di edifici grazie anche alla possibilità di poterli installare su angoli concavi o convessi con apposito kit di fissaggio.

Sorgenti: 4 led da 1W warm e cool white o blu; disponibile su richiesta versione rosso e verde.

Disponibile in tre fasci luminosi combinabili tra loro: lama, bi-lama e wall washer nei colori bianco, blu e su richiesta verde e rosso.

Sistema in pressofusione di alluminio verniciato nel colore RAL9006.

Cover in termoidurente BMC verniciata nel colore RAL9006 standard e su richiesta nel colore bianco. Alimentazione inclusa.

(UK)

*This fitting is suitable both for indoor and outdoor installation.*

*Ideal to light façades, intrados, architectural details and buildings, thanks to the possibility to install them both on internal and external corners by means of a fastening kit.*

*Light sources: four 1W leds warm and cool white or blue; available also in red and green.*

*Three combinable light beam configurations are available: blade, double blade and wall washer in white and blue, green and red available on request.*

*Die-cast aluminium system, painted in colour RAL9006.*

*Cover made of thermosetting BMC, painted, standard colour RAL9006, on request white.*

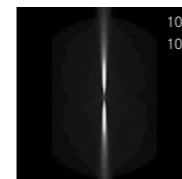
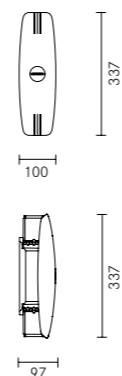
*Power supply included.*

(DE)

Gerät geeignet für die Innen- oder Außeninstallation. Ideal für die Beleuchtung von Fassaden, Grünzonen, Schaufenstern, Statuen usw. Es ist auch eine Installation an Innenecken oder an Außenecken durch geeignete Fixierungssysteme möglich. Lichtquelle : 4 Led in 1W warm und cool white oder blau; verfügbar auf Anfrage auch in den Farben rot und grün. Verfügbar in 3 verschiedenen Versionen, individuell zusammenstellbar: Streiflicht, Doppelstreiflicht, Wallwasher in Farbe weiß und blau und auf Anfrage bernsteinfarben, grün und rot. System aus primärer Aluminiumlegierung, lackiert in Farbe RAL9006. Cover aus wärmegehärtetem BMC, lackiert in Standardfarbe RAL9006 und auf Anfrage in weiß. Integrierte Stromversorgung.

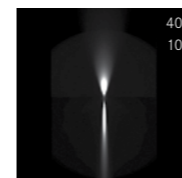
# LED LITE 2





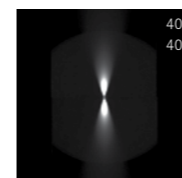
**Lama Blade Streiflicht**

<b>06LA2101A</b>	LED 4 x 1W	4x93 lm	350 mA	4000k	
<b>06LA2191A</b>	LED 4 x 1W	4x86 lm	350 mA	3000k	
<b>06LA2161A</b>	LED 4 x 1W	4x20 lm	350 mA		



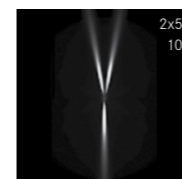
**Wall washer + Lama Blade Streiflicht**

<b>06LA2102A</b>	LED 4 x 1W	4x93 lm	350 mA	4000k	
<b>06LA2192A</b>	LED 4 x 1W	4x86 lm	350 mA	3000k	
<b>06LA2162A</b>	LED 4 x 1W	4x20 lm	350 mA		



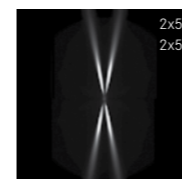
**Wall washer + Wall washer**

<b>06LA2105A</b>	LED 4 x 1W	4x93 lm	350 mA	4000k	
<b>06LA2195A</b>	LED 4 x 1W	4x86 lm	350 mA	3000k	
<b>06LA2165A</b>	LED 4 x 1W	4x20 lm	350 mA		



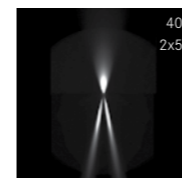
**Bi-lama Double-blades Doppelstreiflicht + Lama Blade Streiflicht**

<b>06LA21011A</b>	LED 4 x 1W	4x93 lm	350 mA	4000k	
<b>06LA21911A</b>	LED 4 x 1W	4x86 lm	350 mA	3000k	
<b>06LA21611A</b>	LED 4 x 1W	4x20 lm	350 mA		



**Bi-lama Double-blades Doppelstreiflicht + Bi-lama Double-blades Doppelstreiflicht**

<b>06LA21012A</b>	LED 4 x 1W	4x93 lm	350 mA	4000k	
<b>06LA21912A</b>	LED 4 x 1W	4x86 lm	350 mA	3000k	
<b>06LA21612A</b>	LED 4 x 1W	4x20 lm	350 mA		



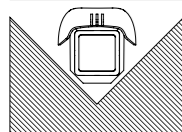
**Wall washer + Bi-lama Double-blades Doppelstreiflicht**

<b>06LA21021A</b>	LED 4 x 1W	4x93 lm	350 mA	4000k	
<b>06LA21921A</b>	LED 4 x 1W	4x86 lm	350 mA	3000k	
<b>06LA21621A</b>	LED 4 x 1W	4x20 lm	350 mA		

Altri colori led disponibili *Other Available led colours* Erhältliche LED Farben

red		LED 4 x 1W	350 mA	4 x 40 lm
green		LED 4 x 1W	350 mA	4 x 70 lm

**Accessori Accessories Zubehör**



Kit led lite *Led lite kit* Led lite kit

**06LL901AB0**

Angolo interno (CC) *Internal corners* Innenecken

**Colori cover disponibili Available colours for covers** Erhältliche Farben für das COVER



Kit led lite *Led lite kit* Led lite kit

**06LL902AB0**

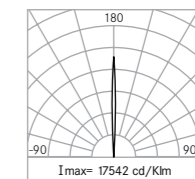
Angolo esterno (CX) *External corners* Außenecken



**Lama Blades Streiflicht**

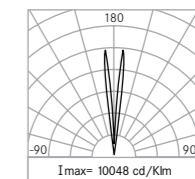
**Bi-lama Double-blades Doppelstreiflicht**

**Wall washer**



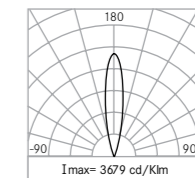
Ref. 2 x 100 lm

H (m)	Ø (m)	Em(lux)
5	0,35	88
4	0,28	138
3	0,21	243
2	0,14	548
1	0,07	2190



Ref. 2 x 100 lm

H (m)	Ø (m)	Em(lux)
5	2,05	53
4	1,64	83
3	1,23	145
2	0,82	328
1	0,41	1310



Ref. 2 x 100 lm

H (m)	Ø (m)	Em(lux)
5	1,71	20
4	1,37	30
3	1,03	53
2	0,68	118
1	0,34	473





(IT)

Apparecchio adatto per installazione in interni ed esterni.

Ideale per l'illuminazione decorativa di pareti, facciate ed edifici.

Sorgenti: 6 led da 1W warm e cool white o blu; disponibile su richiesta versione rosso e verde.

Disponibile in tre fasci luminosi combinabili tra loro: lama, bi-lama e wall washer nei colori bianco, blu e su richiesta, verde e rosso.

Sistema in pressofusione di alluminio verniciato nel colore RAL9006.

Cover in termoindurente BMC verniciata nel colore RAL9006 standard e su richiesta nel colore bianco. Alimentazione inclusa.

(UK)

*This fitting is suitable both for indoor and outdoor installation.*

*Ideal to light façades, intrados, architectural details and buildings.*

*Light sources: six 1W leds warm and cool white or blue; available also in red and green.*

*Three combinable light beam configurations are available: blade, double blade and wall washer in white and blue, green and red available on request.*

*Aluminium alloy system, painted in colour RAL9006.*

*Cover made of thermosetting BMC, painted, standard colour RAL9006, on request white.*

*Power supply included.*

(DE)

*Gerät geeignet für die Innen- oder Außeninstallation Ideal für die Beleuchtung von Fassaden, Gebäuden, usw.*

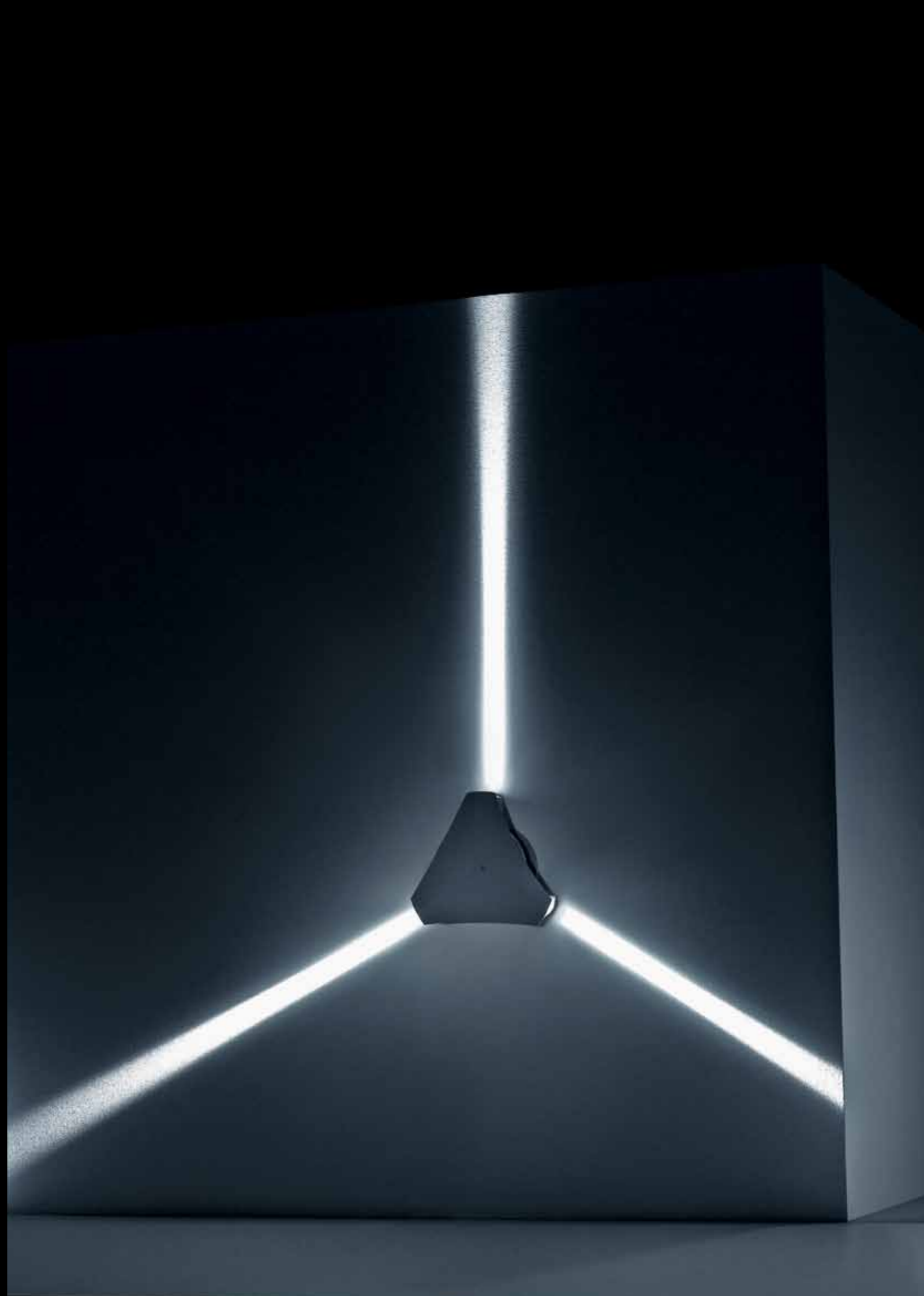
*Lichtquelle : 6 Led in 1W warm und cool white oder blau; verfügbar auf Anfrage auch in den Farben rot und grün.*

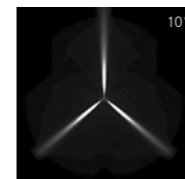
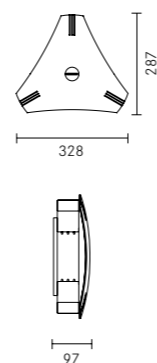
*Verfügbar in 3 verschiedene Versionen, individuell zusammenstellbar: Streiflicht, Doppelstreiflicht, Wallwasher in Farbe weiß und blau und auf Anfrage bernsteinfarben, grün und rot. System aus primärer Aluminiumlegierung, lackiert in Farbe RAL9006. Cover aus wärmegehärtetem BMC,*

*lackiert in Standardfarbe RAL9006 und auf Anfrage weiß.*

*Integrierte Stromversorgung.*

# LED LITE 3





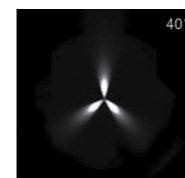
**3 lame 3 Blades 3 Streiflicht**

<b>06LA3101A</b>	LED 6 x 1W	6x93 lm	350 mA	4000k	
<b>06LA3191A</b>	LED 6 x 1W	6x86 lm	350 mA	3000k	
<b>06LA3161A</b>	LED 6 x 1W	6x20 lm	350 mA		



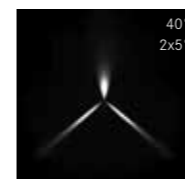
**3 Bi-lama 3 Double-blades 3 Doppelstreiflicht**

<b>06LA3102A</b>	LED 6 x 1W	6x93 lm	350 mA	4000k	
<b>06LA3192A</b>	LED 6 x 1W	6x86 lm	350 mA	3000k	
<b>06LA3162A</b>	LED 6 x 1W	6x20 lm	350 mA		



**3 Wall washer 3 Wall washer 3 Wall washer**

<b>06LA3105A</b>	LED 6 x 1W	6x93 lm	350 mA	4000k	
<b>06LA3195A</b>	LED 6 x 1W	6x86 lm	350 mA	3000k	
<b>06LA3165A</b>	LED 6 x 1W	6x20 lm	350 mA		



**1 Wall washer Wall washer +  
2 lame 2 Blades 2 Streiflicht**

<b>06LA31012A</b>	LED 6 x 1W	6x93 lm	350 mA	4000k	
<b>06LA31912A</b>	LED 6 x 1W	6x86 lm	350 mA	3000k	
<b>06LA31612A</b>	LED 6 x 1W	6x20 lm	350 mA		

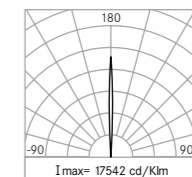
Altri colori led disponibili Other Available led colours Erhältliche LED Farben

red		LED 6 x 1W	350 mA	6 x 40 lm
green		LED 6 x 1W	350 mA	6 x 70 lm

Colori cover disponibili Available colours for covers Erhältliche Farben für das COVER

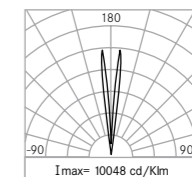


**Lame Blades Streiflicht**



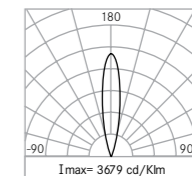
Ref. 2 x 100 lm		
H (m)	Ø (m)	Em(lux)
5	0,35	88
4	0,28	138
3	0,21	243
2	0,14	548
1	0,07	2190

**Bi-lama Double-blades Doppelstreiflicht**



Ref. 2 x 100 lm		
H (m)	Ø (m)	Em(lux)
5	2,05	53
4	1,64	83
3	1,23	145
2	0,82	328
1	0,41	1310

**Wall washer**



Ref. 2 x 100 lm		
H (m)	Ø (m)	Em(lux)
5	1,71	20
4	1,37	30
3	1,03	53
2	0,68	118
1	0,34	473

(IT)

Apparecchio adatto per installazione in interni ed esterni.

Ideale per l'illuminazione decorativa di pareti, plafoni, portici, facciate ed edifici.

Sorgenti: 8 led da 1W warm e cool white, bianco o blu; disponibile su richiesta versione rosso e verde.

Disponibile in tre fasci luminosi combinabili tra loro: lama, bi-lama e wall washer nei colori bianco, blu e su richiesta, verde e rosso.

Sistema in pressofusione di alluminio verniciato nel colore RAL9006.

Cover in termoindurente BMC verniciata nel colore RAL9006 standard e su richiesta nel colore bianco. Alimentazione inclusa.

(UK)

*This fitting is suitable both for indoor and outdoor installation.*

*Ideal to light walls, ceilings, porches, façades, and buildings.*

*Light sources: eight 1W leds warm and cool white or blue; available also in red and green.*

*Three combinable light beam configurations are available: blade, double blade and wall washer in white and blue, green and red available on request.*

*Aluminium alloy system, painted in colour RAL9006.*

*Cover made of thermosetting BMC, painted, standard colour RAL9006, on request white.*

*Power supply included.*

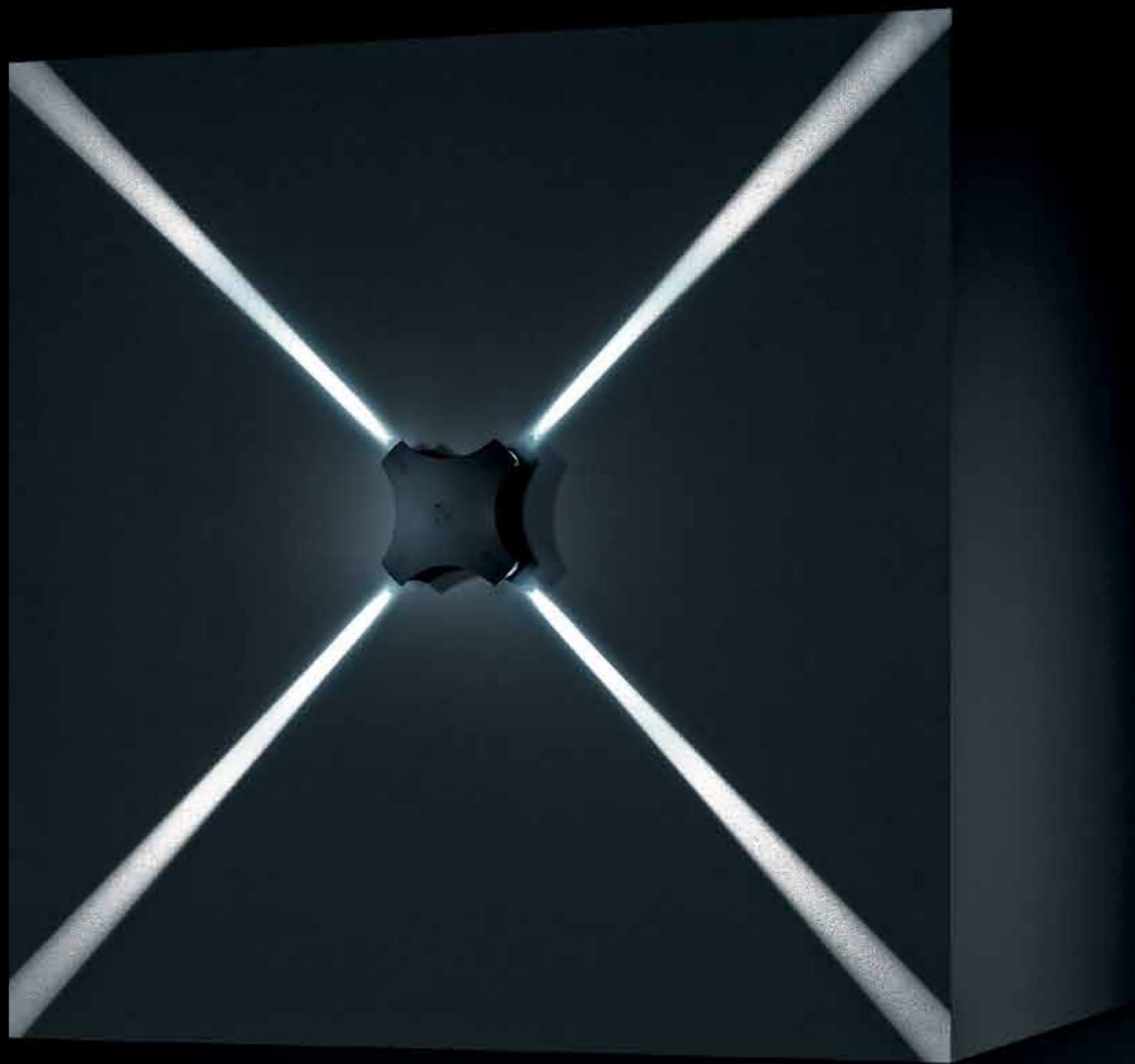
(DE)

Gerät geeignet für die Innen- oder Außeninstallation Ideal für die Beleuchtung von Fassaden, Gebäuden, Decken, Laubengängen, usw.

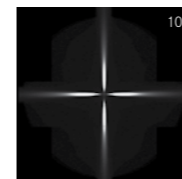
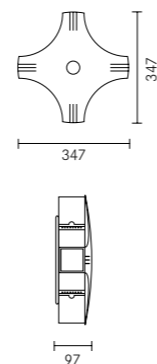
Lichtquelle: 8 Led in 1W warm und cool white oder blau; verfügbar auf Anfrage auch in den Farben rot und grün.

Verfügbar in 3 verschiedenen Versionen, individuell zusammenstellbar: Streiflicht, Doppelstreiflicht, Wallwasher in Farbe weiß und blau und auf Anfrage bernsteinfarben, grün und rot. System aus primärer Aluminiumlegierung, lackiert in Farbe RAL9006. Cover aus wärmegehärtetem BMC, lackiert in Standardfarbe RAL9006 und auf Anfrage weiß.

Integrierte Stromversorgung.



# LED LITE 4



**4 Blade 4 Streiflicht**



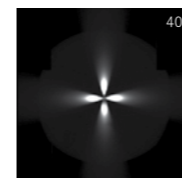
<b>06LA4101A</b>	LED 8 x 1W	8x93 lm	350 mA	4000k	●
<b>06LA4191A</b>	LED 8 x 1W	8x86 lm	350 mA	3000k	●
<b>06LA4161A</b>	LED 8 x 1W	8x20 lm	350 mA		●



**4 Bi-lama 4 Double-blades 4 Doppelstreiflicht**



<b>06LA4102A</b>	LED 8 x 1W	8x93 lm	350 mA	4000k	●
<b>06LA4192A</b>	LED 8 x 1W	8x86 lm	350 mA	3000k	●
<b>06LA4162A</b>	LED 8 x 1W	8x20 lm	350 mA		●



**4 Wall washer 4 Wall washer**



<b>06LA4105A</b>	LED 8 x 1W	8x93 lm	350 mA	4000k	●
<b>06LA4195A</b>	LED 8 x 1W	8x86 lm	350 mA	3000k	●
<b>06LA4165A</b>	LED 8 x 1W	8x20 lm	350 mA		●

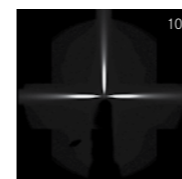


**2 Blade 2 Streiflicht +**

**2 Wall washer 2 Wall washer Wall washer**



<b>06LA41012A</b>	LED 8 x 1W	8x93 lm	350 mA	4000k	●
<b>06LA41912A</b>	LED 8 x 1W	8x86 lm	350 mA	3000k	●
<b>06LA41612A</b>	LED 8 x 1W	8x20 lm	350 mA		●



**3 Blade 3 Streiflicht**



<b>06LA4101AA</b>	LED 6 x 1W	6x93 lm	350 mA	4000k	●
<b>06LA4191AA</b>	LED 6 x 1W	6x86 lm	350 mA	3000k	●
<b>06LA4161AA</b>	LED 6 x 1W	6x20 lm	350 mA		●

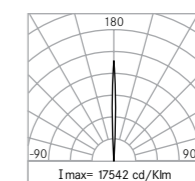
Altri colori led disponibili *Other Available led colours* Erhältliche LED Farben

red	●	LED 8 x 1W	350 mA	8 x 40 lm
green	●	LED 8 x 1W	350 mA	8 x 70 lm

Colori cover disponibili *Available colours for covers* Erhältliche Farben für das COVER

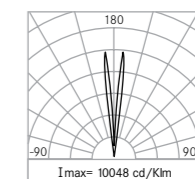


**Lame Blades Streiflicht**



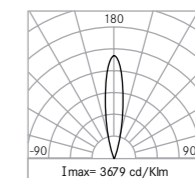
Ref. 2 x 100 lm		
H (m)	Ø (m)	Em(lux)
5	0,35	88
4	0,28	138
3	0,21	243
2	0,14	548
1	0,07	2190

**Bi-lama Double-blades Doppelstreiflicht**



Ref. 2 x 100 lm		
H (m)	Ø (m)	Em(lux)
5	2,05	53
4	1,64	83
3	1,23	145
2	0,82	328
1	0,41	1310

**Wall washer**



Ref. 2 x 100 lm		
H (m)	Ø (m)	Em(lux)
5	1,71	20
4	1,37	30
3	1,03	53
2	0,68	118
1	0,34	473

(IT)

Apparecchio adatto per l'installazione a parete, a soffitto e in appoggio a terra, per interni ed esterni.

Ideale per l'illuminazione di facciate, imbotti, marcapiani.

Sorgenti: lampada fluorescente lineare 24-39-54-80W FD, temperatura colore 4000 K.

Sistema in pressofusione di alluminio verniciato nel colore grigio argento.

Riflettore in alluminio lucido 99,85% ad alto rendimento luminoso.

Versione con emissione luminosa simmetrica o asimmetrica.

Diffusore in policarbonato trasparente, estruso; resistente ai raggi UV.

Viterie in acciaio inox, antivandalico.

Completo di alimentatore elettronico.

Su richiesta versione per fila continua max 20 pz, lampade con

2700-3000-6000 K, staffe allungabili e guida fissaggio parete.

(UK)

*This fitting is suitable for wall, ceiling and ground installation, both for indoor and outdoor. Ideal to light façades, intrados, string-courses.*

*Light sources: fluorescent linear lamps 24-39-54-80W Fluorescent, colour temperature 4000 K. Realized in die-cast aluminium, painted in silver grey.*

*Reflector in polished aluminium 99.85% with high lighting performances.*

*Available with symmetrical or asymmetrical light beam.*

*Diffuser made of extruded transparent polycarbonate; resistant against UV emissions.*

*Stainless steel screws, anti-vandalism type.*

*Complete with electronic ballast.*

*A version for row installation is available, max. 20 pieces,*

*2700-3000-6000 K lamps and extensible brackets, fixing guide for wall installation.*

(DE)

Gerät für die Installation auf Wand, Decke oder Boden, für Innen oder Außen.

Geeignet für die Beleuchtung von Fassaden, Häuserfronten und Gebäuden.

Lichtquelle: lineare Leuchtstofflampe 24-39-54-80W FD, Farbtemperatur 4.000 K.

System aus Aluminiumdruckguss lackiert in der Farbe grau-silber.

Reflektor aus glänzendem Aluminium 99,85% für hohe Lichtleistungen.

Version mit symmetrischer oder asymmetrischer Lichtstrahlung

Diffusor aus transparenten Polykarbonat, extrudiert, UV-Strahler beständig.

Schrauben aus antivandalensicherem Edelstahl.

Komplett mit elektronischem Vorschaltgerät.

Auf Anfrage auch als Durchgangsverdrahtung lieferbar, max. 20 Teile, Einbau ,

Leuchtmittel mit 2700 - 3000 - 6000K und verlängerbarem Bügel.

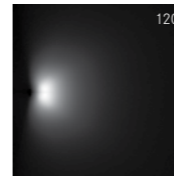
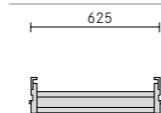
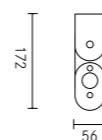
Führung für Wandfixierung Strip Lite.

# STRIP LITE

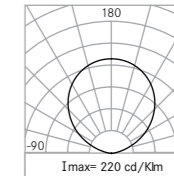




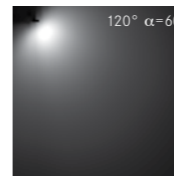
STRIP LITE



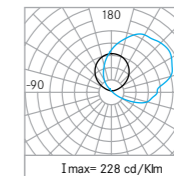
06PP101K6						
FD-E	24W	G5	1750 lm	4000 K	2 kg	CL
Simmetrica <i>Symmetrical</i> Symmetrisch						



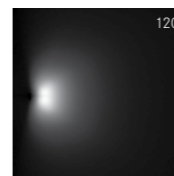
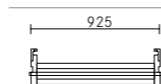
H (m)	Ø (m)	Em(lux)
5	13.12	3
4	10.50	5
3	7.87	10
2	5.25	21
1	2.62	86



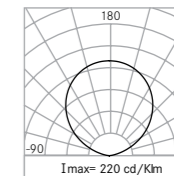
06PP102K6						
FD-E	24W	G5	1750 lm	4000 K	2 kg	CL
Asimmetrica <i>Asymmetrical</i> Asymmetrisch						



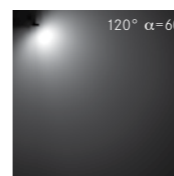
H (m)	Ø (m)	Em(lux)
5	4.19	6
4	3.35	9
3	2.51	16
2	1.68	36
1	0.84	145



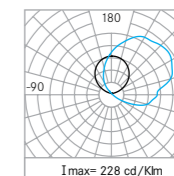
06PP103K6						
FD-E	39W	G5	3100 lm	4000 K	2,5 kg	CL
Simmetrica <i>Symmetrical</i> Symmetrisch						



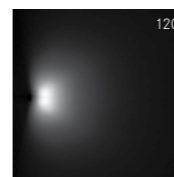
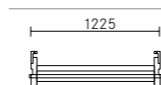
H (m)	Ø (m)	Em(lux)
5	13.12	6
4	10.50	9
3	7.87	17
2	5.25	38
1	2.62	152



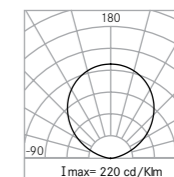
06PP104K6						
FD-E	39W	G5	3100 lm	4000 K	2,5 kg	CL
Asimmetrica <i>Asymmetrical</i> Asymmetrisch						



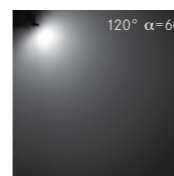
H (m)	Ø (m)	Em(lux)
5	4.19	20
4	3.35	32
3	2.51	57
2	1.68	127
1	0.84	509



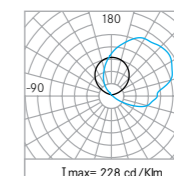
06PP105K6						
FD-E	54W	G5	4450 lm	4.000 K	3 kg	CL
Simmetrica <i>Symmetrical</i> Symmetrisch						



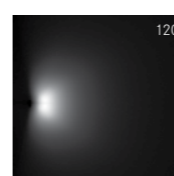
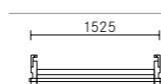
H (m)	Ø (m)	Em(lux)
5	13.12	9
4	10.50	14
3	7.87	24
2	5.25	55
1	2.62	218



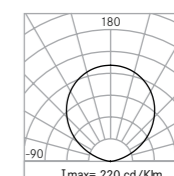
06PP106K6						
FD-E	54W	G5	4450 lm	4000 K	3 kg	CL
Asimmetrica <i>Asymmetrical</i> Asymmetrisch						



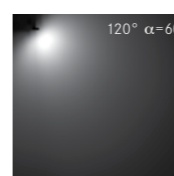
H (m)	Ø (m)	Em(lux)
5	4.19	20
4	3.35	32
3	2.51	57
2	1.68	127
1	0.84	509



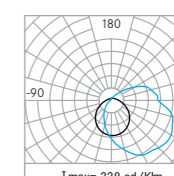
06PP107K6						
FD-E	80W	G5	6150 lm	4000 K	3,5 kg	CL
Simmetrica <i>Symmetrical</i> Symmetrisch						



H (m)	Ø (m)	Em(lux)
5	13.12	12
4	10.50	19
3	7.87	34
2	5.25	75
1	2.62	302



06PP108K6						
FD-E	80W	G5	6150 lm	4000 K	3,5 kg	CL
Asimmetrica <i>Asymmetrical</i> Asymmetrisch						



H (m)	Ø (m)	Em(lux)
5	4.19	20
4	3.35	32
3	2.51	57
2	1.68	127
1	0.84	509



Accessori Accessories Zubehör



Guida fissaggio parete  
*Guide for wall fastening*  
 Schiene für Wandinstallation

- 06PP901K0** (Strip Lite 24W FD)
- 06PP903K0** (Strip Lite 39W FD)
- 06PP905K0** (Strip Lite 54W FD )
- 06PP907K0** (Strip Lite 80W FD)



Staffa *Bracket* Bügel

**06PP910K0**

(I)

Apparecchio ad incasso a parete e bollard per l'installazione in interni ed esterni, ideale per l'illuminazione di scalinate, percorsi pedonali, aree verdi.

Sorgenti : LED 300lm warm e cool white.

Ottica : diffondente.

Corpo in pressofusione di alluminio verniciato con polveri poliestere di colore grigio RAL9006, bianco RAL 9003 e sablé 100 Noir. Schermo in policarbonato .

La serie FIN XS a parete si installa sia nelle comuni scatole 503 per interni che nelle speciali controcasse Cariboni Lite per esterni.

La versione bollard, disponibile nelle altezze di 300mm o di 500mm, ha il fusto in estruso di lega di alluminio anodizzata e verniciata e viene fornita con cavo e un box di connessione stagno.

Disponibile con 1 o 2 FIN XS contrapposti e flusso luminoso up, down e up&down.

L'alimentazione elettronica è integrata.

(UK)

FIN XS is available in two versions: as a wall recessed fitting or as a bollard. It represents an ideal solution for the lighting of stairs, paths, green areas.

Light sources: LEDs 300lm warm and cool white.

Optics: wide beam.

The body is in die-cast aluminium, painted with polyester powders in grey RAL 9006, white RAL 9003 and dark grey sablé 100 Noir. The closure screen is in polycarbonate.

The FIN XS series can be installed in interiors or in exteriors in a proper Cariboni Lite recessed housing (to be ordered separately).

The bollard version, available in 300mm or 500mm, has an extruded aluminium stem, anodised and painted, and it is delivered with 1m cable and watertight connection box.

Equipped with 1 or 2 FIN XS, installed in the two opposite sides of the fitting, lighting forwards and backwards.

Optics down and up & down.

The electronic control gear is integrated.

(DE)

FIN XS ist in zwei Varianten erhältlich: als Pollerleuchte oder als Wandeinbauleuchte. Es ist ideale Lösung für die Beleuchtung von Freitreppen, schmalen Wegen und Grünzonen. Lichtquellen: LED's, 300lm, warm und kalt weiß. Optik: breitstrahlend.

Das Gehäuse ist aus Aluminiumdruckguss, lackiert mit Polyesterpulvern in den erhältlichen Farben: grau RAL9006, weiß RAL 9003 und Anthrazit Sablé 100 Noir. Der Verschlusschirm ist aus Polycarbonat. Die Serie FIN XS kann im Innenbereich in einem dazu passenden Einbaugehäuse (nicht geliefert) installiert werden. Im Außenbereich kann es dagegen in den besonderen Cariboni Lite Einbaugehäusen installiert werden (separat zu bestellen).

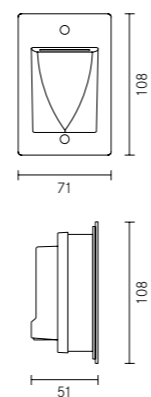
Die Version Pollerleuchte ist in zwei Höhen lieferbar - 300mm oder 500mm; es ist mit einer Basis aus extrudiertem Aluminium ausgestattet, die anodisiert und pulverbeschichtet wird; es wird mit Kabel und mit wasserdichter Verbindungsbox geliefert. In der Variante mit 2 FIN XS, werden die Modulen in den Gegenseiten der Leuchte installiert. Optiken: Up, Down und Up&Down.

Das elektronische Vorschaltgerät ist eingebaut.

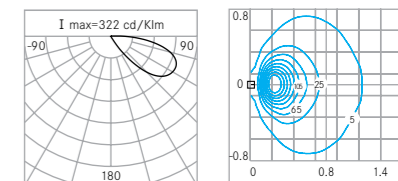


# FIN XS

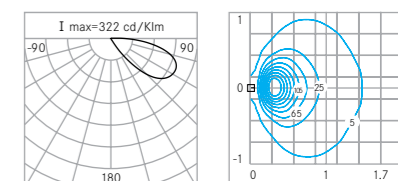
Design by R&S Cariboni Lite



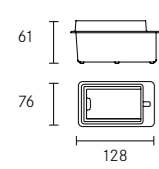
06FX2B2397_				
LED	4W	300 lm	3000 K	



06FX2B2307_				
LED	4W	300 lm	4000 K	



**Accessori Accessories Zubehör**



Controcassa per installazione a parete  
*Recessed housing for wall installation*  
 Gehäuse für Wandinstallation

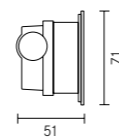
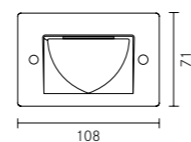
**06FX999A0**



Per definizione colore nel codice sostituire “\_” con  
*In order to define the colour of the fitting, replace “\_” in the codes with*  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit

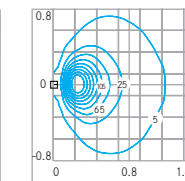
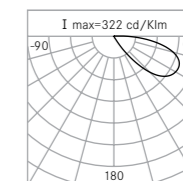
A = grigio RAL 9006 *grey RAL 9006* grau RAL 9006  
 C = sablé 100 Noir *dark grey Sablé 100 Noir* Anthrazit Sablé 100 Noir  
 D = bianco RAL 9003 *white RAL 9003* weiß RAL 9003





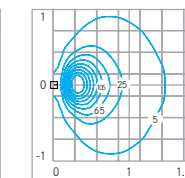
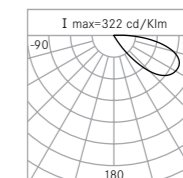
**06FX1B2397\_**

LED 4W 300 lm 3000 K

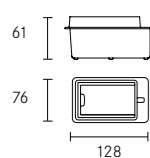


**06FX1B2307\_**

LED 4W 300 lm 4000 K



**Accessori Accessories Zubehör**



Controcassa per installazione a parete

*Recessed housing for wall installation*

Gehäuse für Wandinstallation

**06FX999A0**



Per definizione colore nel codice sostituire “\_” con

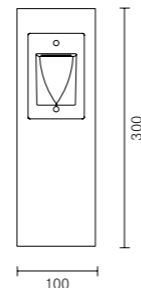
*In order to define the colour of the fitting, replace “\_” in the codes with*

**Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit**

**A** = grigio RAL 9006 *grey RAL 9006 grau RAL 9006*

**C** = sablé 100 Noir *dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir*

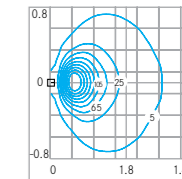
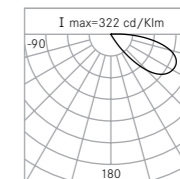
**D** = bianco RAL 9003 *white RAL 9003 weiß RAL 9003*



**06FX3B2397\_**

LED 4W 300 lm 3000 K

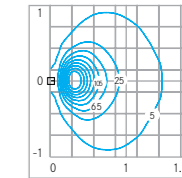
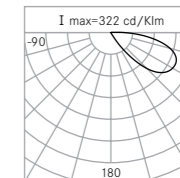
DOWN



**06FX3B2307\_**

LED 4W 300 lm 4000 K

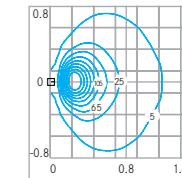
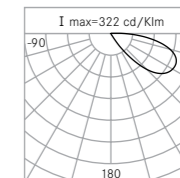
DOWN



**06FX4B2397\_**

LED 4W 300 lm 3000 K

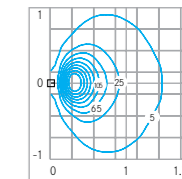
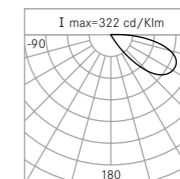
UP



**06FX4B2307\_**

LED 4W 300 lm 4000 K

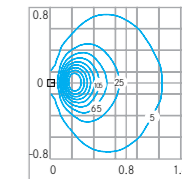
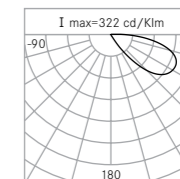
UP



**06FX5B2397\_**

LED 8W 600 lm 3000 K

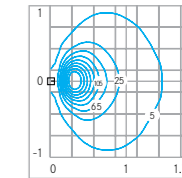
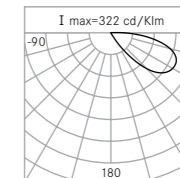
DOWN&DOWN



**06FX5B2307\_**

LED 8W 600 lm 4000 K

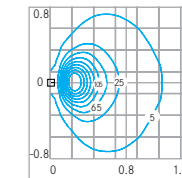
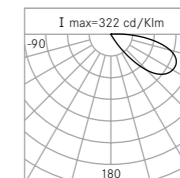
DOWN&DOWN



**06FX6B2397\_**

LED 8W 600 lm 3000 K

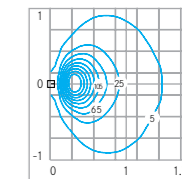
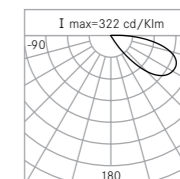
UP&DOWN



**06FX6B2307\_**

LED 8W 600 lm 4000 K

UP&DOWN



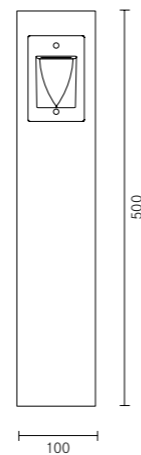
Per definizione colore nel codice sostituire “\_” con

*In order to define the colour of the fitting, replace “\_” in the codes with*

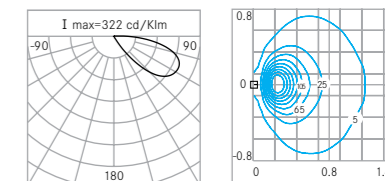
**Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit**

A = grigio RAL 9006 *grey RAL 9006 grau RAL 9006*

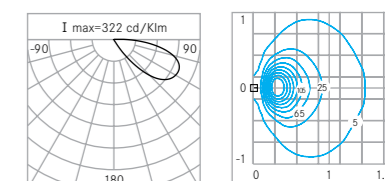
C = sablé 100 Noir *dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir*



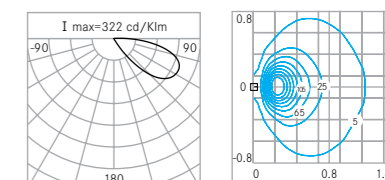
06FX7B2397_				
LED	4W	300 lm	3000 K	<span style="color: yellow;">●</span>
DOWN				



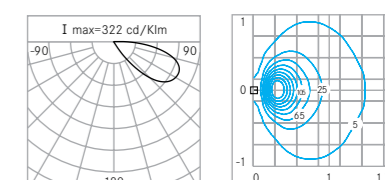
06FX7B2307_				
LED	4W	300 lm	4000 K	<span style="color: yellow;">●</span>
DOWN				



06FX8B2397_				
LED	8W	600 lm	3000 K	<span style="color: yellow;">●</span>
DOWN&DOWN				



06FX8B2307_				
LED	8W	600 lm	4000 K	<span style="color: yellow;">●</span>
DOWN&DOWN				



Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 A = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 C = sablé 100 Noir dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir

(IT)

Apparecchio ad incasso a parete e bollard dalle performance illuminotecniche particolarmente elevate, adatto per l'illuminazione di aree commerciali, hall, aree verdi, facciate e aree residenziali.

Sorgenti: 9 LED da 1W warm e cool white e lampada 20W MT.

Ottica: diffondente.

Corpo: in pressofusione di alluminio verniciato di colore grigio RAL 9006 o sablé 100 Noir dopo un trattamento di fosfocromatazione.

Vetro di chiusura sabbiato per un miglior comfort visivo.

La versione bollard, disponibile nelle altezze di 500mm o di 1000mm, ha il fusto in estruso di lega di alluminio anodizzata e verniciata e viene fornita con cavo e con un box di connessione stagno.

Disponibile con 1 o 2 FIN contrapposti e flusso luminoso up, down e up&down.

Il prodotto viene installato tramite tasselli o tirafondi questi ultimi disponibili come accessori.

L'alimentazione elettronica è integrata.

(UK)

*Fin is available in two versions: as a wall recessed fitting or as a bollard, granting in both cases high lighting performances. This fitting is ideal for the lighting of green areas, halls, façades, and residential areas.*

*Light sources: 9 LEDs in cool and warm white and 20W MT lamp.*

*Optics: wide beam.*

*Body: die cast aluminium alloy painted in grey RAL 9006 or dark grey Sablé 100 Noir, after a chromium plating treatment.*

*Closure glass: sandblasted glass, in order to grant a better visual comfort.*

*The bollard version, available in 500mm or 1000mm, has an extruded aluminium stem, anodised and painted, and it is delivered with cable and watertight connection box.*

*It is available with 1 or 2 FIN installed in the opposite sides of the stem, with up, down or up&down light beams.*

*The product can be installed by means of screw anchors or metal anchors (available as separate accessory).*

*The electronic control gear is integrated.*

(DE)

Fin ist in zwei Varianten erhältlich: als Pollerleuchte oder als Wandeinbauleuchte; in beiden Varianten kann die Leuchte die höchste Beleuchtungsleistungen gewährleisten. Es ist verwendbar im Bereich der architektonischen Beleuchtung, wie z.B. Grünanlagen, Empfangshalle, Fassaden, Wohngebiete. Lichtquellen: 9 LEDs, kalt und warm weiß und 20W MT Leuchtmittel.

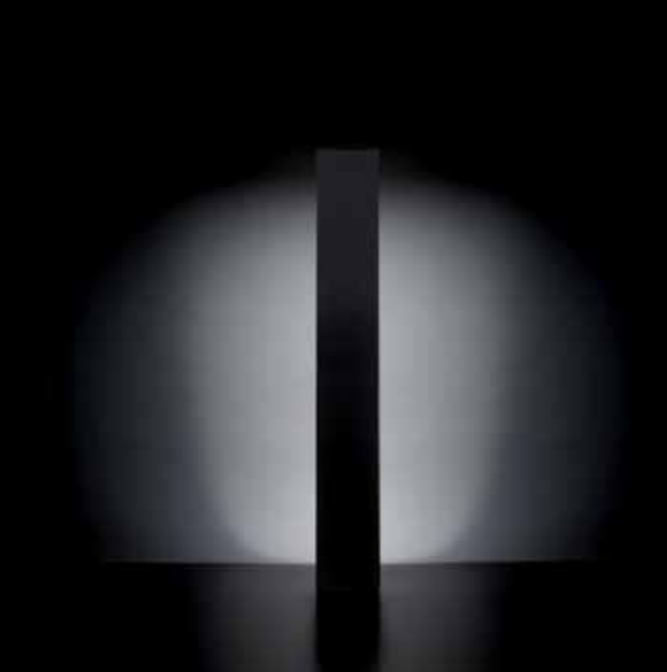
Gehäuse: aus Aluminiumdruckguss, lackiert in der Farbe grau RAL9006 oder Anthrazit Sablé 100 Noir, nach Chrombehandlung.

Verschlussglas: sandgestrahltes Glas für einen optimalen visuellen Komfort.

Die Version Pollerleuchte ist in zwei Höhen lieferbar – 500mm oder 1000mm; es ist mit einer Basis aus extrudiertem Aluminium ausgestattet, die anodisiert und pulverbeschichtet wird; es wird mit 1m Kabel und mit wasserdichter Verbindungsbox geliefert. Es ist mit 1 oder 2 FIN erhältlich.

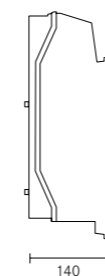
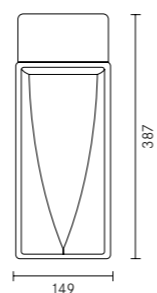
In der Variante mit 2 FIN XS, werden die Modulen in den Gegenseiten der Leuchte installiert. Optiken: Up, Down und Up&Down.

Die Leuchte kann mit Spritzdübeln oder Metallanker (als Zubehör lieferbar) befestigt werden. Das elektronische Vorschaltgerät ist eingebaut.



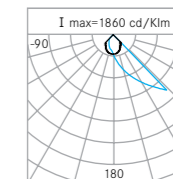
FIN

Design by R&S Cariboni Lite



**06FI1109\_**

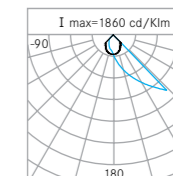
LED 9x1W 350 mA 775 lm 3000 K



H (m)	Ø (m)	Em(lux)
5	3,29x1,84	2
4	2,64x1,47	3
3	1,98x1,11	6
2	1,32x0,73	13
1	0,66x0,37	54

**06FI1199\_**

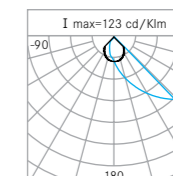
LED 9x1W 350 mA 840 lm 4000 K



H (m)	Ø (m)	Em(lux)
5	3,29x1,84	3
4	2,64x1,47	4
3	1,98x1,11	7
2	1,32x0,73	16
1	0,66x0,37	65

**06FI1CIA\_**

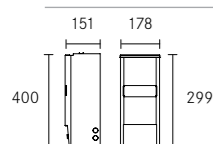
MT 20W GU6,5 1615 lm 3000 K CRL



H (m)	Ø (m)	Em(lux)
5	3,57x1,84	3
4	2,85x1,47	5
3	2,14x1,11	10
2	1,43x0,74	22
1	0,71x0,37	86



**Accessori Accessories Zubehör**



Controcassa per installazione a parete

*Recessed housing for wall installation*

Gehäuse für Wandinstallation

**06FI990J0**



Per definizione colore nel codice sostituire “\_” con

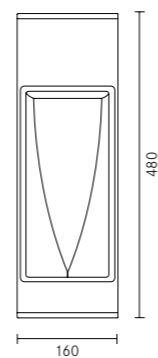
*In order to define the colour of the fitting, replace “\_” in the codes with*

**Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit**

**A** = grigio RAL 9006 *grey RAL 9006 grau RAL 9006*

**C** = sablé 100 Noir *dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir*

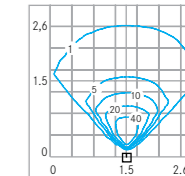
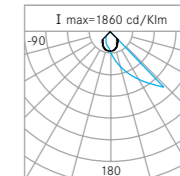
**D** = bianco RAL 9003 *white RAL 9003 weiß RAL 9003*



**06FI2109\_**

LED 9x1W 350 mA 775 lm 3000 K

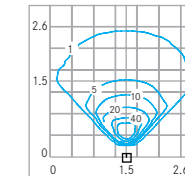
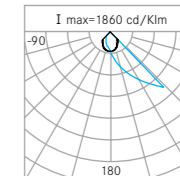
DOWN



**06FI2199\_**

LED 9x1W 350 mA 840 lm 4000 K

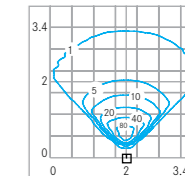
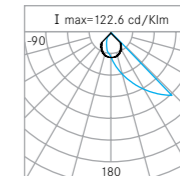
DOWN



**06FI2CIA\_**

MT 20W GU6,5 1615 lm 3000 K CRL

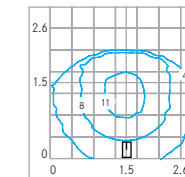
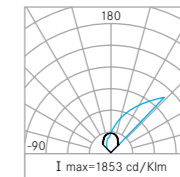
DOWN



**06FI3109\_**

LED 9x1W 350 mA 775 lm 3000 K

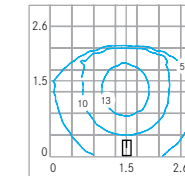
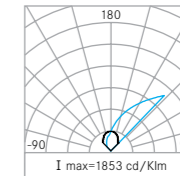
UP



**06FI3199\_**

LED 9x1W 350 mA 840 lm 4000 K

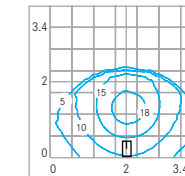
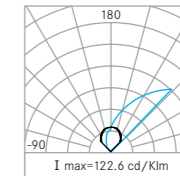
UP



**06FI3CIA\_**

MT 20W GU6,5 1615 lm 3000 K CRL

UP



**Accessori Accessories Zubehör**

Kit tirafondi *Kit metal anchors* Kit metallanker

**06PT998\_0**



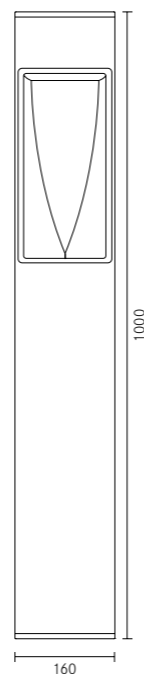
Per definizione colore nel codice sostituire “\_” con

*In order to define the colour of the fitting, replace “\_” in the codes with*

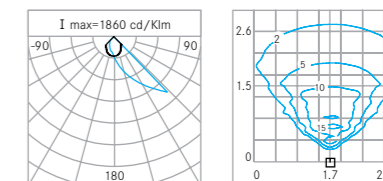
**Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit**

A = grigio RAL 9006 *grey RAL 9006 grau RAL 9006*

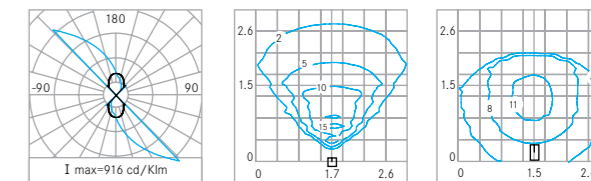
C = sablé 100 Noir *dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir*



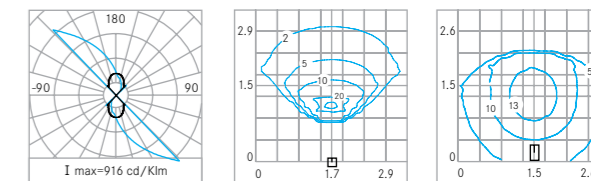
06FI4109_						
LED	9x1W	350 mA	775 lm	3000 K		
DOWN						



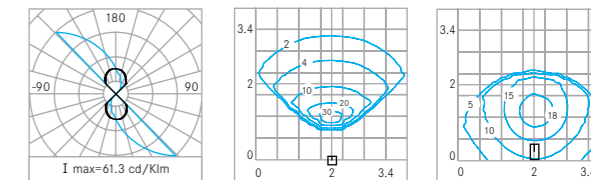
06FI6109_						
LED	9x1W	350 mA	775 lm	3000 K		
UP&DOWN						



06FI6199_						
LED	9x1W	350 mA	840 lm	4000 K		
UP&DOWN						



06FI6CIA_						
MT	20W	GU6,5	1615 lm	3000 K		
UP&DOWN						



Accessori Accessories Zubehör

Kit tirafondi *Kit metal anchors* Kit metallanker

06PT998\_0



Per definizione colore nel codice sostituire “\_” con

*In order to define the colour of the fitting, replace “\_” in the codes with*

**Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit**

A = grigio RAL 9006 *grey RAL 9006 grau RAL 9006*

C = sablé 100 Noir *dark grey Sablé 100 Noir Anthrazit Sablé 100 Noir*

(1)

Apparecchio adatto per l'installazione ad incasso a soffitto e a parete in interni ed esterni, ideale per l'illuminazione di spazi commerciali, hall, camere d'alberghi, porticati, musei.

Sorgenti: 4 led da 1W warm e cool white.

Indicato per ogni tipo di illuminazione, ottenibile attraverso 4 aperture differenti del fascio luminoso: simmetrico concentrante, simmetrico diffondente, estensivo e asimmetrico diffondente.

Corpo in lega di alluminio verniciato con polveri poliestere di colore grigio RAL9006 o bianco RAL9003.

Vetro di chiusura serigrafato di colore grigio RAL9006 nelle zone di non interesse ottico o sabbiato diffondente. Disponibili due diversi sistemi di controcasse per il fissaggio a parete senza e con driver incorporato.

Il fissaggio della versione a soffitto avviene attraverso apposite molle.

Driver di alimentazione elettronico da ordinare separatamente.

(UK)

*This fitting is suitable for recessed installation on ceiling and on wall, both for indoor and outdoor, ideal to light commercial areas, halls, hotel rooms, porches, museums. Light sources: 4 1W leds warm and cool white.*

*Suitable for every kind of illumination, with different effects which you can obtain through 4 different openings of the light beam: symmetrical narrow beam, symmetrical wide beam, extensive and asymmetrical wide beam. Body made of aluminium alloy painted with polyester powders, colour: grey RAL9006 or white RAL9003.*

*Closure glass serigraphed in grey colour in non-relevant points as far as the optics is concerned or sandblasted glass wide beam.*

*The fitting is supplied with two different recessed housing systems for wall installation, with or without driver included.*

*The ceiling version is fixed by means of supplied springs.*

*Electronic driver should be purchased separately.*

(DE)

Strahler für innere oder äussere Deckeneinbauinstallation, geeignet für die Beleuchtung von Wegen, Hallen, Hotels, Museen, Geschäftszonen. Lichtquelle: 4 led in 1W warm und cool white.

Geeignet für jeden Beleuchtungstyp, dank 4 verschiedener Öffnungen der Lichtstreifen : symmetrisch Lichtgebündelte symmetrisch Lichtstreuende, Lichtstreuende und asymmetrisch Lichtstreuende.

Körper aus Aluminiumdruckguss, lackiert mit Polyesterpulver in Farbe grau RAL9006 oder weiß RAL9003.

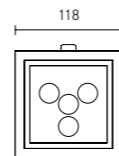
Verschlussglas in Farbe grau RAL9006 , mit Siebdruck an den optisch nicht relevanten Teile oder sandgestrahltes glas.

Zwei verschiedene Einbauegehäuse Befestigungssystem durch Aufhängungsfeder für Wand-Installation sind verfügbar; eine für das Gerät ohne Vorschaltgerät und eine für das Gerät Komplett mit Vorschaltgerät.

Darüberhinausgehende Stromzuführung ist separat zu bestellen.

# SQUARE LED SMALL

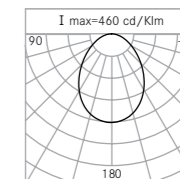




**06LE135\_1**

LED 4x1W 350 mA 375 lm 4000 K

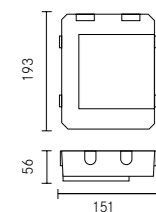
Vetro sabbiato *Sandblasted glass* Sandgestrahltes Glas



H (m)	Ø (m)	Em(lux)
5	10,34	1
4	8,27	2
3	6,2	4
2	4,14	8
1	2,07	33

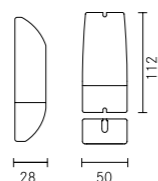


**Accessori Accessories Zubehör**



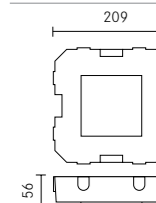
Controcassa per installazione a parete driver remoto  
*Recessed housing for wall installation - remote driver*  
Gehäuse für Wandinstallation - seperater Driver

**600002010**



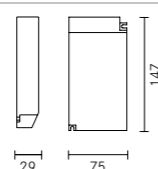
Driver elettronico IP23 max 2 Square Led Small  
*Electronic driver IP23 max 2 Square Led Small*  
Elektronischer Driver IP23 Max 2 Square Led Small

**06LL907AB0**



Controcassa per installazione a parete driver incorporato IP65  
*Recessed Housing for wall installation - integrated driver IP65*  
Gehäuse für Wandinstallation - integrierter Driver IP65

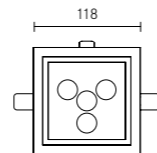
**600002011**



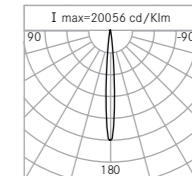
Driver elettronico dimmerabile IP23 max 3 Square Led Small  
*Dimmable electronic driver IP23 max 3 Square Led Small*  
Dimmbarer elektronischer Driver IP23 max 3 Square Led Small

**06LE903K0**

Per definizione colore nel codice sostituire “\_” con  
*In order to define the colour of the fitting, replace “\_” in the codes with*  
Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
K = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
AI = bianco RAL 9003 white RAL 9003 weiß RAL 9003



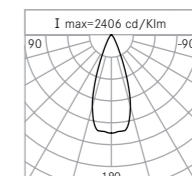
06LE101_3					
LED	4x1W	350 mA	345 lm	3000 K	



H (m)	Ø (m)	Em(lux)
5	0,93	93
4	0,74	146
3	0,56	259
2	0,37	583
1	0,19	2334



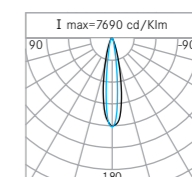
06LE104_3					
LED	4x1W	350 mA	345 lm	3000 K	



H (m)	Ø (m)	Em(lux)
5	3,54	11
4	2,84	17
3	2,13	31
2	1,41	69
1	0,71	278



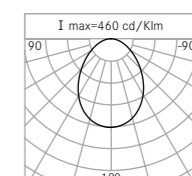
06LE103_3					
LED	4x1W	350 mA	345 lm	3000 K	



H (m)	axb (m)	Em(lux)
5	2,0x1,24	34
4	1,59x0,98	54
3	1,19x0,74	96
2	0,8x0,49	215
1	0,4x0,25	861

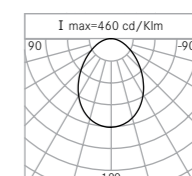


06LE105_3					
LED	4x1W	350 mA	345 lm	3000 K	
Vetro sabbato <i>Sandblasted glass</i> Sandgestrahltes Glas					



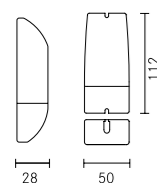
H (m)	Ø (m)	Em(lux)
5	10,34	1
4	8,27	2
3	6,2	3
2	4,14	7
1	2,07	27

06LE105_1					
LED	4x1W	350 mA	375 lm	4000 K	
Vetro sabbato <i>Sandblasted glass</i> Sandgestrahltes Glas					

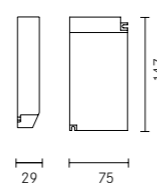


H (m)	Ø (m)	Em(lux)
5	10,34	1
4	8,27	2
3	6,2	4
2	4,14	8
1	2,07	33

Accessori Accessories Zubehör



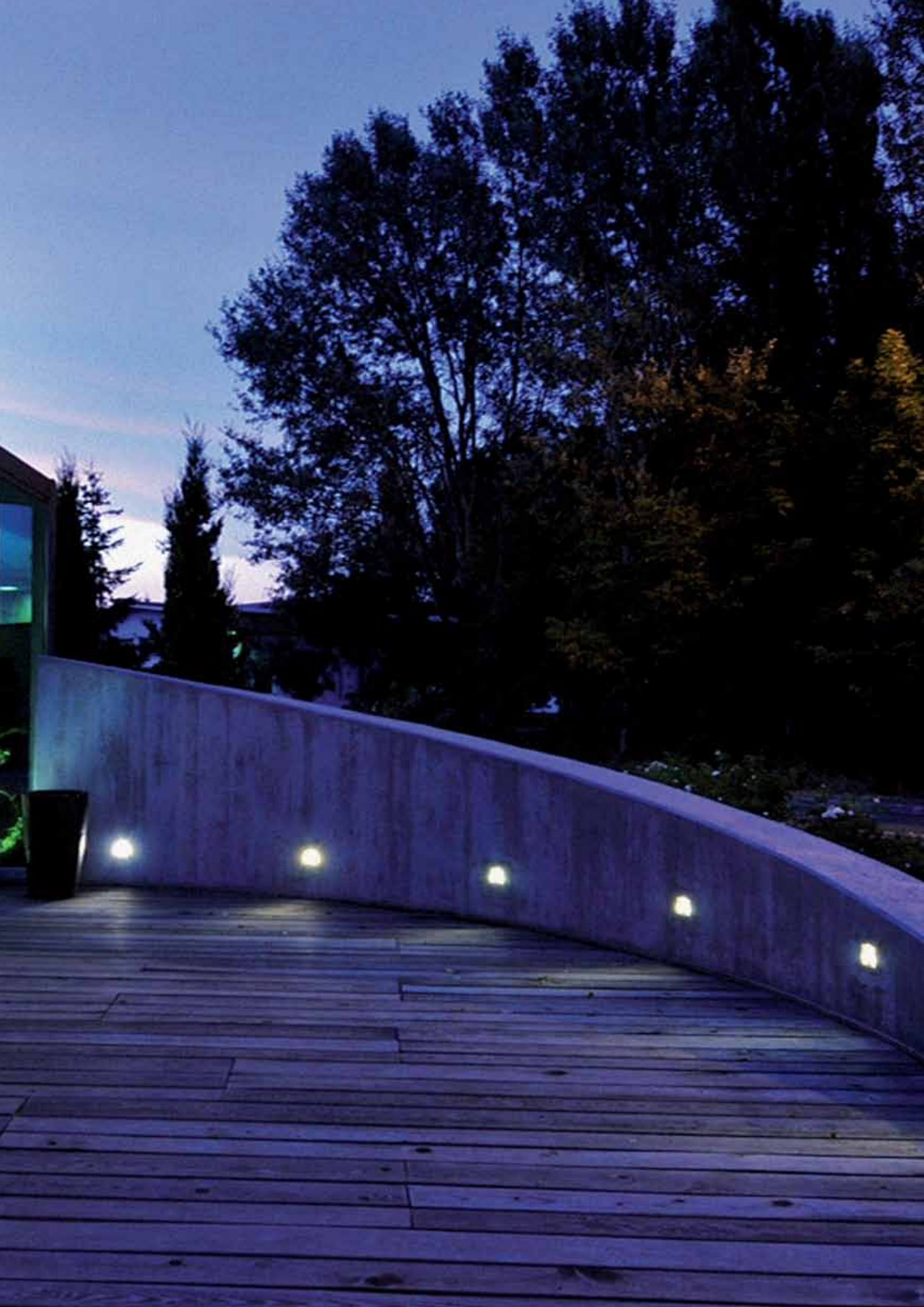
Driver elettronico IP23 max 2 Square Led Small  
 Electronic driver IP23, max 2 Square Led Small  
 Elektronischer Driver IP23, max. 2 Square Led Small  
**06LL907AB0**



Driver elettronico dimmerabile IP23 max 3 Square Led Small  
 Dimmable electronic driver IP23 max 3 Square Led Small  
 Dimmbarer elektronischer Driver IP23 max 3 Square Led Small  
**06LE903K0**

Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 K = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 AI = bianco RAL 9003 white RAL 9003 weiß RAL 9003





(1)

Apparecchio adatto per l'installazione ad incasso a soffitto e a parete in interni ed esterni, ideale per l'illuminazione di spazi commerciali, hall, camere d'alberghi, porticati, musei.

Sorgenti: 9 led da 1W warm e cool white.

Indicato per ogni tipo di illuminazione, ottenibile attraverso 4 aperture differenti del fascio luminoso: simmetrico concentrante, simmetrico diffondente, estensivo e asimmetrico diffondente.

Corpo in lega di alluminio verniciato con polveri poliestere di colore grigio RAL9006 o bianco RAL9003.

Vetro di chiusura serigrafato di colore grigio RAL9006 nelle zone di non interesse ottico o sabbato diffondente.

Disponibile la controcassa per il fissaggio a parete. Il fissaggio della versione a soffitto avviene attraverso apposite molle.

Driver di alimentazione elettronico da ordinare separatamente.

(UK)

*This fitting is suitable for recessed installation on ceiling and on wall, both for indoor and outdoor, ideal to light commercial areas, halls, hotel rooms, porches, museums.*

*Light sources: 9 1W leds warm and cool white.*

*Suitable for every kind of illumination, with different effects which you can obtain through 4 different openings of the light beam: symmetrical narrow beam, symmetrical wide beam, extensive and asymmetrical wide beam.*

*Body made of aluminium alloy painted with polyester powders, colour: grey RAL9006 or white RAL9003.*

*Closure glass serigraphed in grey colour RAL9006 in non-relevant points as far as the optics is concerned or sandblasted glass wide beam. Recessed housing is available for wall installation.*

*The ceiling version is fixed by mean of supplied springs. Electronic driver should be purchased separately.*

(DE)

Strahler für innere oder äussere Deckeneinbauinstallation, geeignet für die Beleuchtung von Wegen, Hallen, Hotels, Museen, Geschäftszonen.

Lichtquelle : 9 led in 1W warm und cool white.

Geeignet für jeden Beleuchtungstyp, dank 4 verschiedener Öffnungen der Lichtstreifen : symmetrisch Lichtgebündelte symmetrisch Lichtstreuende, Lichtstreuende und asymmetrisch Lichtstreuende.

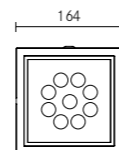
Körper aus Aluminiumdruckguss lackiert mit Polyesterpulver in Farbe grau RAL9006 oder weiß RAL9003..

Verschlußglas in Farbe grau RAL9006, mit Siebdrucken an den optisch nicht relevanten Teilen oder sandgestrahltes Glas.

Das Einbaugeschäuse für Wand-Installation ist verfügbar.

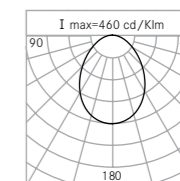
Befestigungssystem durch geeignete Zangen. Darüberhinausgehende Stromzuführung ist separat zu bestellen.

# SQUARE LED MEDIUM



**06LE235\_1**

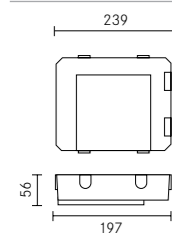
LED 9x1W 350 mA 840 lm 4000 K ●  
 Vetro sabbiato *Sandblasted glass* Sandgestrahltes Glas



H (m)	Ø (m)	Em(lux)
5	10,34	3
4	8,27	5
3	6,2	8
2	4,14	19
1	2,07	75

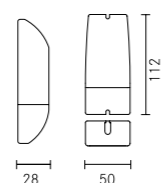


**Accessori Accessories Zubehör**



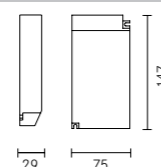
Controcassa per installazione a parete driver remoto  
*Recessed housing for wall installation, remote driver*  
 Gehäuse für Wandinstallation - ohne Driver

**600002012**



Driver elettronico IP23 max 1 Square Led Medium  
*Electronic driver IP23 max 1 Square Led Medium*  
 Elektronischer Driver IP23 Max 1 Square Led Medium

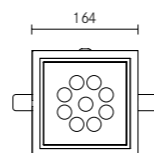
**06LL907AB0**



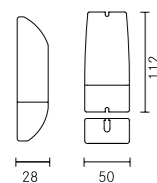
Driver elettronico dimmerabile IP23 max 1 Square Led Medium  
*Dimmable electronic driver IP23 max 1 Square Led Medium*  
 Elektronischer dimmbaren Driver IP23 Max 1 Square Led Medium

**06LE903K0**

Per definizione colore nel codice sostituire “\_” con  
*In order to define the colour of the fitting, replace “\_” in the codes with*  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 K = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 AI = bianco RAL 9003 white RAL 9003 weiß RAL 9003

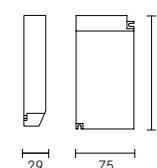


Accessori Accessories Zubehör



Driver elettronico IP23 max 1 Square Led Medium  
 Electronic driver IP23, max 1 Square Led Medium  
 Elektronischer Driver IP23 Max 1 Square Led Medium

**06LL907AB0**



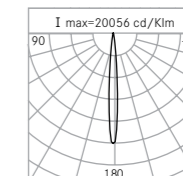
Driver elettronico dimmerabile IP23 max 3 Square Led Medium  
 Dimmable electronic driver IP23 max 3 Square Led Medium  
 Elektronischer Driver IP23 Max 3 Square Led Medium

**06LE903K0**



**06LE201\_3**

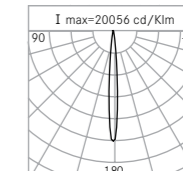
LED	9x1W	350 mA	775 lm	3000 K	●
-----	------	--------	--------	--------	---



H (m)	Ø (m)	Em(lux)
5	0,93	211
4	0,74	329
3	0,56	585
2	0,37	1317
1	0,19	5268

**06LE201\_1**

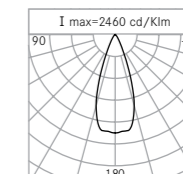
LED	9x1W	350 mA	840 lm	4000 K	●
-----	------	--------	--------	--------	---



H (m)	Ø (m)	Em(lux)
5	0,93	263
4	0,74	411
3	0,56	730
2	0,37	1643
1	0,19	6570

**06LE204\_3**

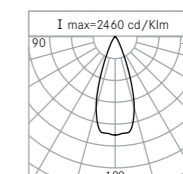
LED	9x1W	350 mA	775 lm	3000 K	●
-----	------	--------	--------	--------	---



H (m)	Ø (m)	Em(lux)
5	3,54	25
4	2,84	39
3	2,13	69
2	1,41	156
1	0,71	625

**06LE204\_1**

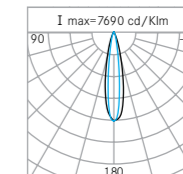
LED	9x1W	350 mA	840 lm	4000 K	●
-----	------	--------	--------	--------	---



H (m)	Ø (m)	Em(lux)
5	3,54	31
4	2,84	49
3	2,13	87
2	1,41	195
1	0,71	779

**06LE203\_3**

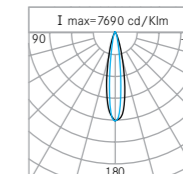
LED	9x1W	350 mA	775 lm	3000 K	●
-----	------	--------	--------	--------	---



H (m)	axb (m)	Em(lux)
5	2,0x1,24	78
4	1,59x0,98	121
3	1,19x0,74	216
2	0,8x0,49	485
1	0,4x0,25	1940

**06LE203K1**

LED	9x1W	350 mA	840 lm	4000 K	●
-----	------	--------	--------	--------	---

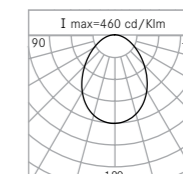


H (m)	axb (m)	Em(lux)
5	2x1,24	96
4	1,59x0,98	150
3	1,19x0,74	267
2	0,8x0,49	600
1	0,4x0,25	2402

**06LE205\_3**

LED	9x1W	350 mA	775 lm	3000 K	●
-----	------	--------	--------	--------	---

Vetro sabbato Sandblasted glass Sandgestrahltes Glas

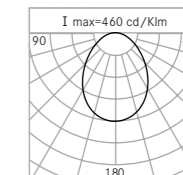


H (m)	Ø (m)	Em(lux)
5	10,34	2
4	8,27	4
3	6,2	7
2	4,14	15
1	2,07	60

**06LE205\_1**

LED	9x1W	350 mA	840 lm	4000 K	●
-----	------	--------	--------	--------	---

Vetro sabbato Sandblasted glass Sandgestrahltes Glas



H (m)	Ø (m)	Em(lux)
5	10,34	3
4	8,27	5
3	6,2	8
2	4,14	19
1	2,07	75

Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 K = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 AI = bianco RAL 9003 white RAL 9003 weiß RAL 9003





(IT)

Apparecchio adatto per l'installazione ad incasso a soffitto, a parete e a terra in interni ed esterni, ideale per l'illuminazione di hall, camere d'alberghi, vetrine, musei, scalinate, aree verdi. Sorgenti: 1 LED 1W warm white. Corpo in alluminio tornito, svolge anche la funzione di dissipatore per led. Disponibile in tre differenti versioni:

1. con controcassa in alluminio tornito completa di passacavo con membrana a sfondamento IP66 e con possibilità di inserire cavi di diametro max. 13 mm. per installazione a plafone e parete.
2. con molle in acciaio AISI 301 per installazione a parete e plafone
3. calpestabile completa di controcassa per interrimento in alluminio tornito completa di pressacavo.

Schermo di chiusura per le versioni 1 e 2: vetro piano trasparente, vetro piano sabbato e lente PMMA. Per la versione 3: vetro piano trasparente e vetro piano sabbato. La cornice del vetro é disponibile in due tipologie di finiture standard: alluminio anticorodal lucido e ossidato naturale. Disponibile, su richiesta, la versione in inox AISI 316L.

(UK)

A new series of recessed fittings for wall, ceiling and ground installation, particularly suitable for the lighting of halls, hotel rooms, display windows, museums, staircases. Light sources: 1 LED - 1W warm white. Body: aluminium in neutral colour, it works also as heat dissipator. Available in three different versions:

1. with turned aluminium recessed housing, complete with cable-gland with IP66 membrane. Max. cables' diameter: 13 mm.
2. with steel AISI 301 springs
3. with turned aluminium recessed housing and a second additional plastic recessed housing for ground installation, complete with cable-gland.

Closure screen for versions 1 and 2: flat tempered glass, flat sandblasted glass and PMMA lens. For version 3: flat tempered glass - flat sandblasted glass. The frame is available in two different finishing: polished anticorodal aluminium and in neutral colour. On demand: stainless steel AISI 316L version.

(DE)

Neues Gerät geringer Dimension für Decke-, Wand- und Bodeneinbauinstallation in beiden Innen und Außen, verwendbar im Bereich der architektonischen Beleuchtung im Außen- und Innenbereich, wie z.B. Empfangshalle, Hotels, Geschäftsgebiete, Museen, Freitreppen. Lichtquellen: 1 LED 1W warm white. Gehäuse: aus gedrehtem Aluminium, in neutraler Farbe, das auch die Funktion der Wärmeabfuhr erfüllt. Erhältlich in zwei verschiedenen Versionen:

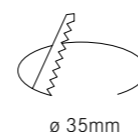
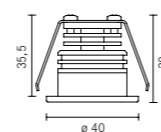
1. mit Einbaugehäuse aus gedrehtem Aluminium, komplett mit Kabeleinführung mit IP66-Membran, das mit dem Kabel durchgestoßen werden muss. Es ist möglich Kabel mit einem maximalen Schnitt von 13 mm durchzuführen.
2. Mit Federn aus Edelstahl AISI 301
3. mit Einbaugehäuse aus gedrehtem Aluminium und einem zweitem Einbaugehäuse aus Plastik für die Bodeneinbauinstallation komplett mit Kabeleinführung.

Verschlusschirm für die Versionen 1 und 2: Transparentes Flachglas, Sandgestrahltes Flachglas und PMMA-Linse. Für die Version 3 : Transparentes Flachglas - Sandgestrahltes Flachglas. Der Rahmen des Glas ist in zwei Versionen erhältlich: poliertes Anticorodal-Aluminium oder in neutraler Farbe. Auf Anfrage, ist eine Version aus Edelstahl AISI 316L erhältlich.



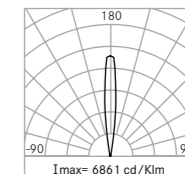
# PERLA

Design by R&S Cariboni Lite



**06PX1013J**

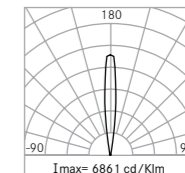
LED	1x1W	350 mA	93 lm	4000 K	●
Cornice anodizzata naturale - Lente trasparente					
Frame in oxidised aluminium in neutral colour - PMMA lens					
Der Rahmen des Glas ist in Aluminium in neutraler Farbe - PMMA Linse					



H (m)	Ø (m)	Em(lux)
1	0.22	365
2	0.44	91
3	0.66	41
4	0.88	23
5	1.10	15

**06PX1013Y**

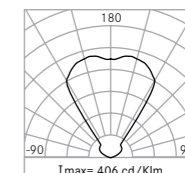
LED	1x1W	350 mA	93 lm	4000 K	●
Cornice anodizzata lucida - Lente trasparente					
Frame in polished aluminium - PMMA lens					
Der Rahmen des Glas ist in poliertes Aluminium - PMMA Linse					



H (m)	Ø (m)	Em(lux)
1	0.22	365
2	0.44	91
3	0.66	41
4	0.88	23
5	1.10	15

**06PX1017J**

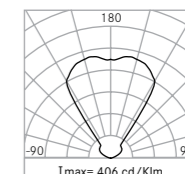
LED	1x1W	350 mA	93 lm	4000 K	●
Cornice anodizzata naturale - Vetro piano trasparente					
Frame in oxidised aluminium in neutral colour - Flat tempered glass					
Der Rahmen ist in Aluminium in neutraler Farbe - Transparentes Flachglas					



H (m)	Ø (m)	Em(lux)
1	1.35	18
2	2.70	5
3	4.05	3
4	5.40	1
5	6.75	1

**06PX1017Y**

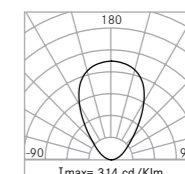
LED	1x1W	350 mA	93 lm	4000 K	●
Cornice anodizzata lucida - Vetro piano trasparente					
Frame in polished aluminium - Flat tempered glass					
Der Rahmen des Glas ist in poliertes Aluminium - Transparentes Flachglas					



H (m)	Ø (m)	Em(lux)
1	1.35	18
2	2.70	5
3	4.05	3
4	5.40	1
5	6.75	1

**06PX1018J**

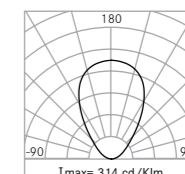
LED	1x1W	350 mA	93 lm	4000 K	●
Cornice anodizzata naturale - Vetro piano sabbato					
Frame in aluminium in neutral colour - Flat sandblasted glass					
Der Rahmen ist in Aluminium in neutraler Farbe - Sandgestrahltes Flachglas					



H (m)	Ø (m)	Em(lux)
1	1.42	12
2	2.84	4
3	4.26	2
4	5.68	1
5	7.10	0

**06PX1018Y**

LED	1x1W	350 mA	93 lm	4000 K	●
Cornice anodizzata lucida - Vetro piano sabbato					
The frame is polished aluminium - Flat sandblasted glass					
Der Rahmen ist in poliertes Aluminium - Sandgestrahltes Flachglas					



H (m)	Ø (m)	Em(lux)
1	1.42	12
2	2.84	4
3	4.26	2
4	5.68	1
5	7.10	0



Accessori Accessories Zubehör

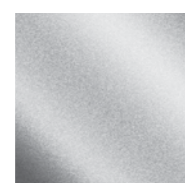
Driver elettronico IP20 1W max 1 PERLA  
 Electronic driver IP20 1W max 1 PERLA  
 Elektronischer Driver IP20 1W max 1 PERLA

**06LL909AB0**

Driver elettronico IP23 10W max 9 PERLA  
 Electronic driver IP23 10W max 9 PERLA  
 Elektronischer Driver IP23 10W max 9 PERLA

**06LL907AB0**

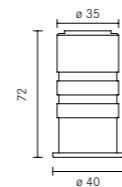
Colori Colours Erhältliche



Anodizzata naturale  
 Oxidised aluminium in neutral colour  
 Aluminium in neutraler Farbe

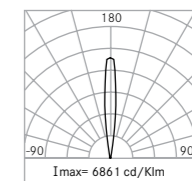
Anodizzata lucida  
 Polished aluminium  
 Poliertes Aluminium

Inox AISI 316L  
 Stainless steel AISI 316L  
 Edelstahl AISI 316L



**06PX1013JA**

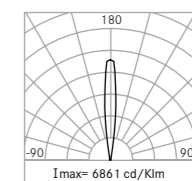
LED	1x1W	350 mA	93 lm	4000 K	●
Cornice anodizzata naturale - Lente trasparente					
Frame in oxidised aluminium in neutral colour - PMMA lens					
Der Rahmen des Glas ist in Aluminium in neutraler Farbe - PMMA Linse					



H (m)	Ø (m)	Em(lux)
1	0.22	365
2	0.44	91
3	0.66	41
4	0.88	23
5	1.10	15

**06PX1013YA**

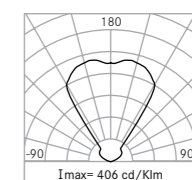
LED	1x1W	350 mA	93 lm	4000 K	●
Cornice anodizzata lucida - Lente trasparente					
Frame in polished aluminium - PMMA lens					
Der Rahmen des Glas ist in poliertes Aluminium - PMMA Linse					



H (m)	Ø (m)	Em(lux)
1	0.22	365
2	0.44	91
3	0.66	41
4	0.88	23
5	1.10	15

**06PX1017JA**

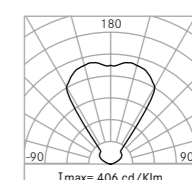
LED	1x1W	350 mA	93 lm	4000 K	●
Cornice anodizzata naturale - Vetro piano trasparente					
Frame in oxidised aluminium in neutral colour - Flat tempered glass					
Der Rahmen ist in Aluminium in neutraler Farbe - Transparentes Flachglas					



H (m)	Ø (m)	Em(lux)
1	1.35	18
2	2.70	5
3	4.05	3
4	5.40	1
5	6.75	1

**06PX1017YA**

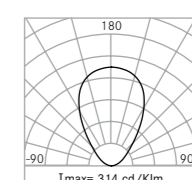
LED	1x1W	350 mA	93 lm	4000 K	●
Cornice anodizzata lucida - Vetro piano trasparente					
Frame in polished aluminium - Flat tempered glass					
Der Rahmen des Glas ist in poliertes Aluminium - Transparentes Flachglas					



H (m)	Ø (m)	Em(lux)
1	1.35	18
2	2.70	5
3	4.05	3
4	5.40	1
5	6.75	1

**06PX1018JA**

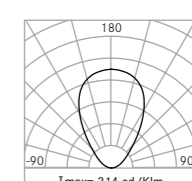
LED	1x1W	350 mA	93 lm	4000 K	●
Cornice anodizzata naturale - Vetro piano sabbato					
Frame in aluminium in neutral colour - Flat sandblasted glass					
Der Rahmen ist in Aluminium in neutraler Farbe - Sandgestrahltes Flachglas					



H (m)	Ø (m)	Em(lux)
1	1.42	12
2	2.84	4
3	4.26	2
4	5.68	1
5	7.10	0

**06PX1018YA**

LED	1x1W	350 mA	93 lm	4000 K	●
Cornice anodizzata lucida - Vetro piano sabbato					
The frame is polished aluminium - Flat sandblasted glass					
Der Rahmen ist in poliertes Aluminium - Sandgestrahltes Flachglas					



H (m)	Ø (m)	Em(lux)
1	1.42	12
2	2.84	4
3	4.26	2
4	5.68	1
5	7.10	0



Accessori Accessories Zubehör

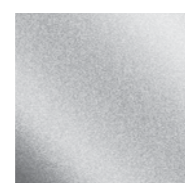
Driver elettronico IP20 1W max 1 PERLA  
 Electronic driver IP20 1W max 1 PERLA  
 Elektronischer Driver IP20 1W max 1 PERLA  
**06LL909AB0**

Driver elettronico IP23 10W max 9 PERLA  
 Electronic driver IP23 10W max 9 PERLA  
 Elektronischer Driver IP23 10W max 9 PERLA  
**06LL907AB0**

Colori Colours Erhältliche



Anodizzata naturale  
 Oxidised aluminium in neutral colour  
 Aluminium in neutraler Farbe



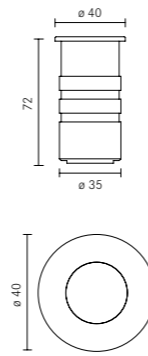
Anodizzata lucida  
 Polished aluminium  
 Poliertes Aluminium



Inox AISI 316L  
 Stainless steel AISI 316L  
 Edelstahl AISI 316L

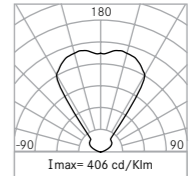


1000 Kg



**06PX1017JW**

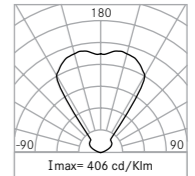
LED 1x1W 350 mA 93 lm 4000 K ●  
 Cornice anodizzata naturale - Vetro piano trasparente  
 Frame in oxidised aluminium in neutral colour - Flat tempered glass  
 Der Rahmen ist in Aluminium in neutraler Farbe - Transparentes Flachglas



H (m)	Ø (m)	Em(lux)
1	1.35	18
2	2.70	5
3	4.05	3
4	5.40	1
5	6.75	1

**06PX1017YW**

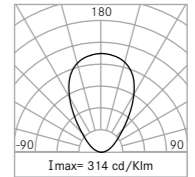
LED 1x1W 350 mA 93 lm 4000 K ●  
 Cornice anodizzata lucida - Vetro piano trasparente  
 Frame in polished aluminium - Flat tempered glass  
 Der Rahmen des Glas ist in poliertes Aluminium - Transparentes Flachglas



H (m)	Ø (m)	Em(lux)
1	1.35	18
2	2.70	5
3	4.05	3
4	5.40	1
5	6.75	1

**06PX1018JW**

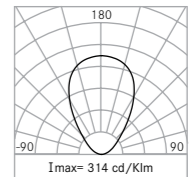
LED 1x1W 350 mA 93 lm 4000 K ●  
 Cornice anodizzata naturale - Vetro piano sabbiato  
 Frame in aluminium in neutral colour - Flat sandblasted glass  
 Der Rahmen ist in Aluminium in neutraler Farbe - Sandgestrahltes Flachglas



H (m)	Ø (m)	Em(lux)
1	1.42	12
2	2.84	4
3	4.26	2
4	5.68	1
5	7.10	0

**06PX1018YW**

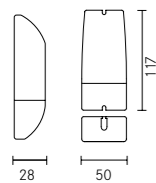
LED 1x1W 350 mA 93 lm 4000 K ●  
 Cornice anodizzata lucida - Vetro piano sabbiato  
 The frame is polished aluminium - Flat sandblasted glass  
 Der Rahmen ist in poliertes Aluminium - Sandgestrahltes Flachglas



H (m)	Ø (m)	Em(lux)
1	1.42	12
2	2.84	4
3	4.26	2
4	5.68	1
5	7.10	0

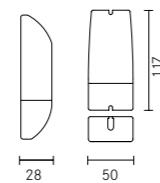


**Accessori Accessories Zubehör**



Driver elettronico IP20 1W max 1 PERLA  
 Electronic driver IP20 1W max 1 PERLA  
 Elektronischer Driver IP20 1W max 1 PERLA

**06LL909AB0**



Driver elettronico IP23 10W max 9 PERLA  
 Electronic driver IP23 10W max 9 PERLA  
 Elektronischer Driver IP23 10W max 9 PERLA

**06LL907AB0**

**Colori Colours Erhältliche**



Anodizzata naturale  
 Oxidised aluminium in neutral colour  
 Aluminium in neutraler Farbe



Anodizzata lucida  
 Polished aluminium  
 Poliertes Aluminium



Inox AISI 316L  
 Stainless steel AISI 316L  
 Edelstahl AISI 316L

(IT)

Apparecchio da incasso calpestabile o a parete di ridottissime dimensioni, adatto per l'illuminazione di interni ed esterni, ideale per la decorazione di percorsi guidati, aree verdi e particolari architettonici.

Sorgenti: 4 led da 1W warm e cool white e una lampada micro lynx 9W luce calda. Indicato per ogni tipo di illuminazione, ottenibile attraverso 3 aperture differenti del fascio luminoso: simmetrico concentrante, simmetrico diffondente e asimmetrico diffondente.

Sistema in pressofusione di alluminio in lega primaria EN AB 44100 verniciato di colore grigio RAL9006.

Controcassa in polipropilene stampato, con bordo esterno in acciaio inox.

Disponibile in 2 versioni: chiusura in vetro e chiusura in vetro con anello frontale in acciaio Inox AISI 316. Driver di alimentazione elettronico incluso. L'apparecchio è fornito con 1mt di cavo.

(UK)

*Walk-over or wall recessed fitting, with extremely reduced dimensions, both for indoor and outdoor, ideal for the decoration of guides routes, gardens and architectural details.*

*Light sources: 4 1W leds warm and cool white or 1 micro lynx 9W lamps warm light.*

*Suitable for every kind of illumination, with different effects which you can obtain through 3 different openings of the light beam: symmetrical narrow beam, symmetrical wide beam, asymmetrical wide beam.*

*System in die-cast aluminium primary alloy EN AB 44100, painted in grey RAL9006.*

*Recessed housing made of moulded polypropylene, with stainless steel external edge.*

*Two versions are available: closure with thick glass, closure with glass with a stainless steel AISI 316 front ring.*

*Electronic driver included.*

*The fitting is supplied with a 1 m cable.*

(DE)

Serie von Bodeneinbauleuchten oder Wandeinbauleuchten geringer Dimension, geeignet für die Innen und AußenInstallation, für die Beleuchtung von Grünzonen, Fußgängerzonen und architektonischen Details.

Lichtquelle : 4 led in 1W warm und cool white oder eine Lampe micro lynx 9W warm white.

Geeignet für jeden Beleuchtungstyp, dank 3 verschiedener Öffnungen der Lichtstreifen : symmetrisch Lichtgebündelte symmetrisch Lichtstreuende und asymmetrisch Lichtstreuende.

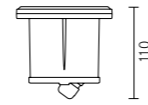
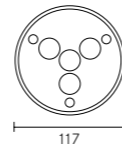
System aus primärer Aludruckgusslegierung EN AB 44100 lackiert in Farbe grau RAL 9006. Einbaugehäuse aus gepresstem Polypropylen, mit externem Rand im rostfreien Stahl. Verfügbar in 2 versionen. Verschluss aus mattiertem Glas, oder Verschluss aus opalem Polycarbonat mit frontalem Ring aus Edelstahl AISI 316. Elektronischer Driver integriert.

Das Gerät wird mit 1 Meter Kabel geliefert.

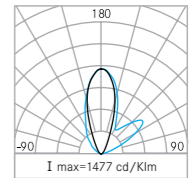
# CRISTAL LED SMALL



1000 Kg



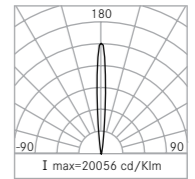
06CL013K3					
LED	4x1W	350 mA	345 lm	3000 K	●
Parete asimmetrica <i>Asymmetrical Wall</i> Wand asymmetrisch					



H (m)	Ø (m)	Em(lux)
5	3,85	9
4	3,08	14
3	2,31	25
2	1,54	55
1	0,77	221



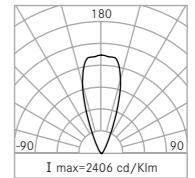
06CL001K3					
LED	4x1W	350 mA	345 lm	3000 K	●
Incasso a terra <i>Ground recessed fitting</i> Bodeneinbau					



H (m)	Ø (m)	Em(lux)
5	0,93	93
4	0,74	146
3	0,56	259
2	0,37	583
1	0,19	2334

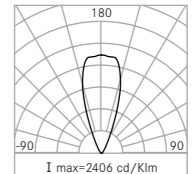


06CL003K3					
LED	4x1W	350 mA	345 lm	3000 K	●
Incasso a terra <i>Ground recessed fitting</i> Bodeneinbau					



H (m)	Ø (m)	Em(lux)
5	3,54	11
4	2,84	17
3	2,13	31
2	1,41	69
1	0,71	278

06CL003K1					
LED	4x1W	350 mA	375 lm	4000 K	●
Incasso a terra <i>Ground recessed fitting</i> Bodeneinbau					



H (m)	Ø (m)	Em(lux)
5	3,54	14
4	2,84	22
3	2,13	39
2	1,41	87
1	0,71	347

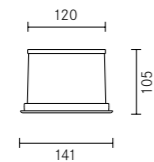
L'apparecchio è fornito completo di controcassa in polipropilene stampato con bordo esterno in acciaio Inox.

The fitting is supplied with recessed housing in moulded polypropylene, with stainless steel external edge.

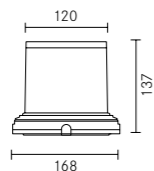
Das Gerät wird mit Einbaugehäuse aus gedrücktem Polypropylen, mit externem Rand im rostfreien Stahl geliefert.

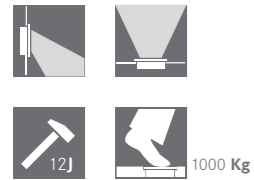


Incasso a parete  
*Wall recessed*  
Serie von Wandeinbauleuchten



Incasso a terra  
*Walk-over recessed*  
Serie von Bodeneinbauleuchten





CRISTAL LED SMALL V-I

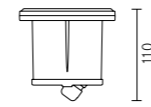
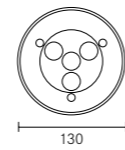
Cl. I IP67

230V 50Hz



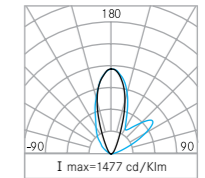
max 1 Kg

CRISTAL LED SMALL V-I



**06CL113K3**

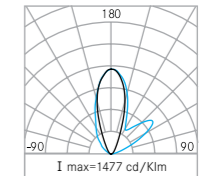
LED	4x1W	350 mA	345 lm	3000 K	●
Parete asimmetrica <i>Asymmetrical Wall</i> Wand asymmetrisch					



H (m)	Ø (m)	Em(lux)
5	3,85	9
4	3,08	14
3	2,31	25
2	1,54	55
1	0,77	221

**06CL113K1**

LED	4x1W	350 mA	375 lm	4000 K	●
Parete asimmetrica <i>Asymmetrical Wall</i> Wand asymmetrisch					

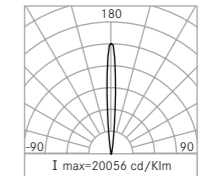


H (m)	Ø (m)	Em(lux)
5	3,85	11
4	3,08	17
3	2,31	30
2	1,54	68
1	0,77	274



**06CL101K3**

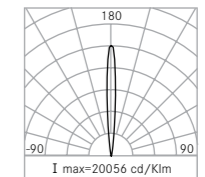
LED	4x1W	350 mA	345 lm	3000 K	●
Incasso a terra <i>Ground recessed fitting</i> Bodeneinbau					



H (m)	Ø (m)	Em(lux)
5	0,93	93
4	0,74	146
3	0,56	259
2	0,37	583
1	0,19	2334

**06CL101K1**

LED	4x1W	350 mA	375 lm	4000 K	●
Incasso a terra <i>Ground recessed fitting</i> Bodeneinbau					

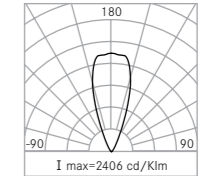


H (m)	Ø (m)	Em(lux)
5	0,93	118
4	0,74	184
3	0,56	327
2	0,37	736
1	0,19	2945



**06CL103K3**

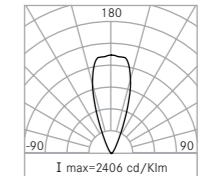
LED	4x1W	350 mA	345 lm	3000 K	●
Incasso a terra <i>Ground recessed fitting</i> Bodeneinbau					



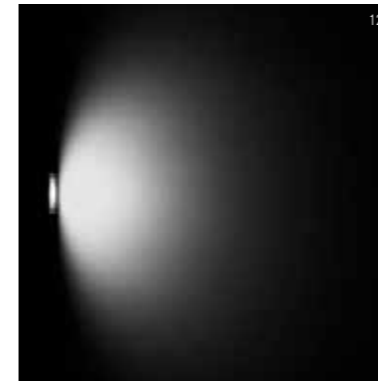
H (m)	Ø (m)	Em(lux)
5	3,54	11
4	2,84	17
3	2,13	31
2	1,41	69
1	0,71	278

**06CL103K1**

LED	4x1W	350 mA	375 lm	4000 K	●
Incasso a terra <i>Ground recessed fitting</i> Bodeneinbau					

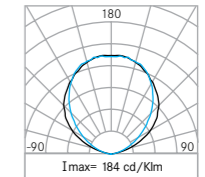


H (m)	Ø (m)	Em(lux)
5	3,54	14
4	2,84	22
3	2,13	39
2	1,41	87
1	0,71	347



**06CL211K6**

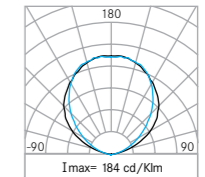
FCE Micro/Lynx	9W	GX53	330 lm	3000 K	CL	●
Parete <i>Wall</i> Wand						



H (m)	Ø (m)	Em(lux)
5	15,21	1
4	12,17	1,5
3	9,13	2
2	6,09	4
1	3,04	16,5

**06CL201K6**

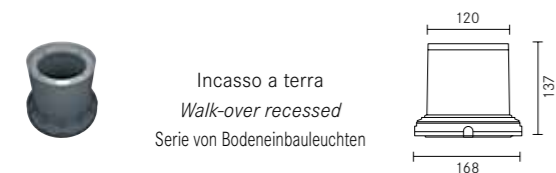
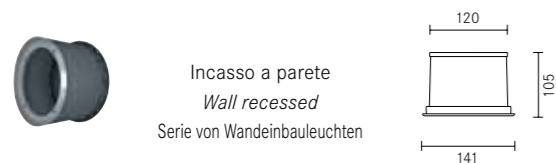
FCE Micro/Lynx	9W	GX53	330 lm	3000 K	CL	●
Incasso a terra <i>Ground recessed fitting</i> Bodeneinbau						



H (m)	Ø (m)	Em(lux)
5	15,21	1
4	12,17	1,5
3	9,13	2
2	6,09	4
1	3,04	16,5



L'apparecchio è fornito completo di controcassa in polipropilene stampato con bordo esterno in acciaio Inox.  
 The fitting is supplied with recessed housing in moulded polypropylene, with stainless steel external edge.  
 Das Gerät wird mit Einbaugehäuse aus gedrücktem Polypropylen, mit externem Rand im rostfreien Stahl geliefert.







(I)

Apparecchio da incasso calpestabile o a parete di ridottissime dimensioni, adatto per l'illuminazione di interni ed esterni, ideale per la decorazione di percorsi guidati, aree verdi e particolari architettonici.

Sorgenti: 9 led da 1W warm e cool white.

Indicato per ogni tipo d'illuminazione, ottenibile attraverso 3 aperture differenti del fascio luminoso: simmetrico concentrante, simmetrico diffondente e asimmetrico diffondente.

Sistema in pressofusione di alluminio in lega primaria EN AB 44100 verniciato di colore grigio RAL9006.

Controcassa in polipropilene stampato con bordo esterno in acciaio inox.

Disponibile in 2 versioni: chiusura in vetro e chiusura in vetro con anello frontale in acciaio inox AISI 316.

Driver di alimentazione elettronico incluso.

L'apparecchio è fornito con 1 mt di cavo.

(UK)

*Walk-over or wall recessed fitting, with extremely reduced dimensions, both for indoor and outdoor, ideal for the decoration of guides routes, gardens and architectural details.*

*Light sources: 9 1W leds warm and cool white.*

*Suitable for every kind of illumination, with different effects which you can obtain through 3 different openings of the light beam: symmetrical narrow beam, symmetrical wide beam, asymmetrical wide beam.*

*System in die-cast aluminium primary alloy EN AB 44100, painted in grey RAL9006.*

*Recessed housing made of moulded polypropylene, with stainless steel external edge.*

*Two versions are available: closure with thick glass, closure with glass with a stainless steel AISI 316 front ring. Electronic driver included. The fitting is supplied with a 1 m cable.*

(DE)

Serie von Bodeneinbauleuchten oder Wandeinbauleuchten geringer Dimension, geeignet für die Innen und AußenInstallation, für die Beleuchtung von Grünzonen, Fußgängerzonen und architektonischen Details.

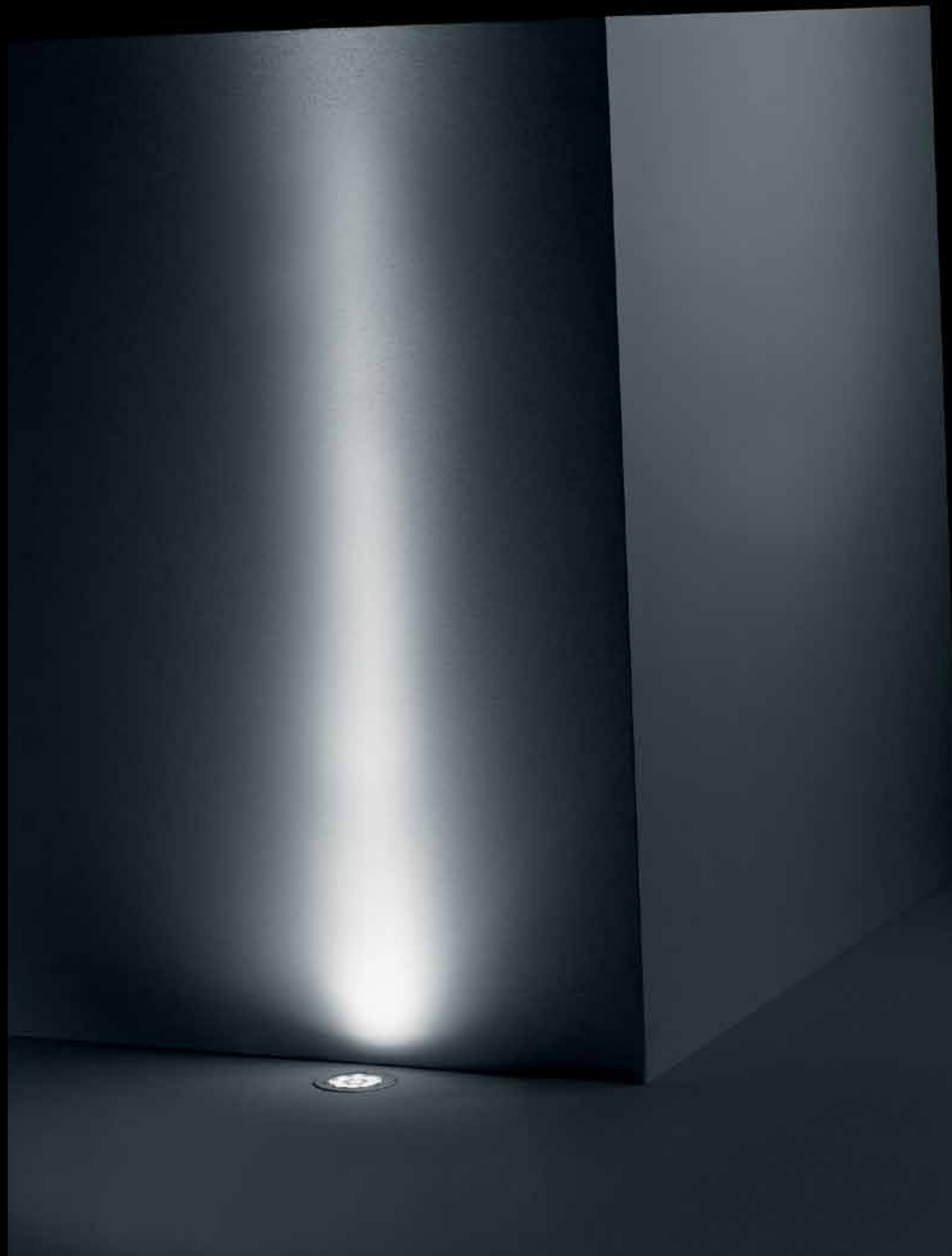
Lichtquelle : 9 led in 1W warm und cool white.

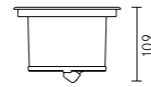
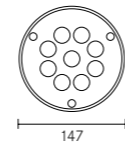
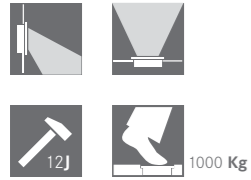
Geeignet für jeden Beleuchtungstyp, dank 3 verschiedener Öffnungen der Lichtstreifen : symmetrisch Lichtgebündelte symmetrisch Lichtstreuende , und asymmetrisch Lichtstreuende.

System aus primärer Aludruckgusslegierung EN AB 44100 lackiert in Farbe grau RAL 9006. Einbaugehäuse aus gepresstem Polypropylen, mit externem Rand im rostfreien Stahl . Verfügbar in 2 Versionen. Verschluss aus mattiertem Glas und Verschluss aus mattiertem Glas mit frontalem Ring aus Edelstahl AISI 316. Elektronischer Driver integriert.

Das Gerät wird mit 1 Meter Kabel geliefert.

# CRISTAL LED MEDIUM

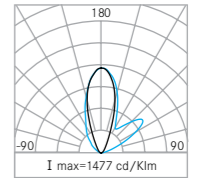




**06CL513K3**

LED	9x1W	350 mA	775 lm	3000 K	●
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Parete asimmetrica *Asymmetrical Wall* Wand asymmetrisch

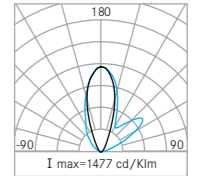


H (m)	Ø (m)	Em(lux)
5	3,85	11
4	3,08	17
3	2,31	30
2	1,54	68
1	0,77	274

**06CL513K1**

LED	9x1W	350 mA	840 lm	4000 K	●
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Parete asimmetrica *Asymmetrical Wall* Wand asymmetrisch

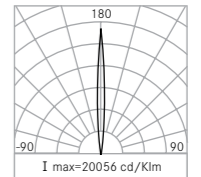


H (m)	Ø (m)	Em(lux)
5	3,85	9
4	3,08	14
3	2,31	25
2	1,54	55
1	0,77	221

**06CL501K3**

LED	9x1W	350 mA	775 lm	3000 K	●
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Incasso a terra *Ground recessed fitting* Bodeneinbau

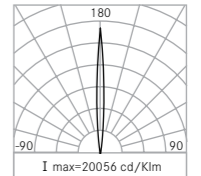


H (m)	Ø (m)	Em(lux)
5	0,93	211
4	0,74	329
3	0,56	585
2	0,37	1317
1	0,19	5268

**06CL501K1**

LED	9x1W	350 mA	840 lm	4000 K	●
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Incasso a terra *Ground recessed fitting* Bodeneinbau

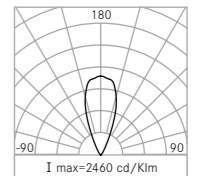


H (m)	Ø (m)	Em(lux)
5	0,93	263
4	0,74	411
3	0,56	730
2	0,37	1643
1	0,19	6570

**06CL504K3**

LED	9x1W	350 mA	775 lm	3000 K	●
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Incasso a terra *Ground recessed fitting* Bodeneinbau

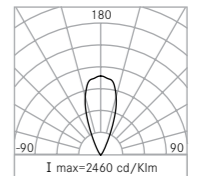


H (m)	Ø (m)	Em(lux)
5	3,54	25
4	2,84	39
3	2,13	69
2	1,41	156
1	0,71	625

**06CL504K1**

LED	9x1W	350 mA	840 lm	4000 K	●
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Incasso a terra *Ground recessed fitting* Bodeneinbau

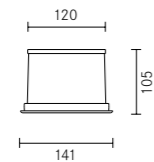


H (m)	Ø (m)	Em(lux)
5	3,54	31
4	2,84	49
3	2,13	87
2	1,41	195
1	0,71	779

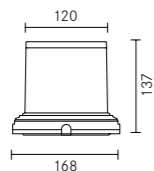
L'apparecchio è fornito completo di controcassa in polipropilene stampato con bordo esterno in acciaio Inox.  
 The fitting is supplied with recessed housing in moulded polypropylene, with stainless steel external edge.  
 Das Gerät wird mit Einbaugehäuse aus gedrücktem Polypropylen, mit externem Rand im rostfreien Stahl geliefert.

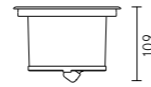
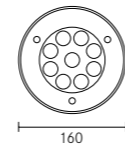
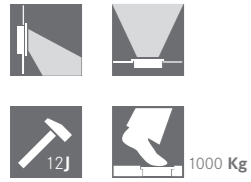


Incasso a parete  
 Wall recessed  
 Serie von Wandeinbauleuchten



Incasso a terra  
 Walk-over recessed  
 Serie von Bodeneinbauleuchten

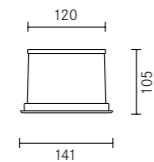




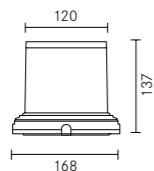
L'apparecchio è fornito completo di controcassa in polipropilene stampato con bordo esterno in acciaio Inox.  
 The fitting is supplied with recessed housing in moulded polypropylene, with stainless steel external edge.  
 Das Gerät wird mit Einbaugehäuse aus gedrücktem Polypropylen, mit externem Rand im rostfreien Stahl geliefert.



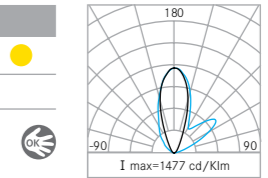
Incasso a parete  
 Wall recessed  
 Serie von Wandeinbauleuchten



Incasso a terra  
 Walk-over recessed  
 Serie von Bodeneinbauleuchten



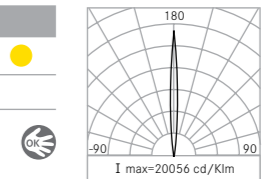
**06CL613K3**  
 LED 9x1W 350 mA 775 lm 3000 K  
 Parete asimmetrica Asymmetrical Wall Wand asymmetrisch



H (m)	Ø (m)	Em(lux)
5	3,85	11
4	3,08	17
3	2,31	30
2	1,54	68
1	0,77	274



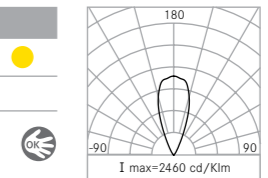
**06CL601K3**  
 LED 9x1W 350 mA 775 lm 3000 K  
 Incasso a terra Ground recessed fitting Bodeneinbau



H (m)	Ø (m)	Em(lux)
5	0,93	211
4	0,74	329
3	0,56	585
2	0,37	1317
1	0,19	5268



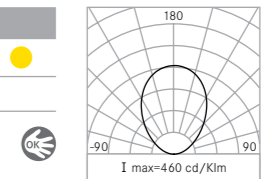
**06CL603K3**  
 LED 9x1W 350 mA 775 lm 3000 K  
 Incasso a terra Ground recessed fitting Bodeneinbau



H (m)	Ø (m)	Em(lux)
5	3,54	25
4	2,84	39
3	2,13	69
2	1,41	156
1	0,71	625

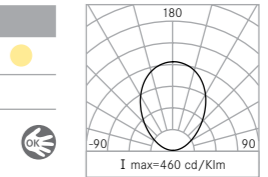


**06CL604K3**  
 LED 9x1W 350 mA 775 lm 3000 K  
 Vetro sabbiato Sandblasted glass Sandgestrahltes Glas



H (m)	Ø (m)	Em(lux)
5	10,34	2
4	8,27	4
3	6,2	7
2	4,14	15
1	2,07	60

**06CL604K1**  
 LED 9x1W 350 mA 840 lm 4000 K  
 Vetro sabbiato Sandblasted glass Sandgestrahltes Glas



H (m)	Ø (m)	Em(lux)
5	10,34	3
4	8,27	5
3	6,2	8
2	4,14	19
1	2,07	75



24

25

26

27

28

29

30

31

32

ROUNDHOK

P. JENN'S

WOLFE

(IT)

Apparecchio da incasso calpestabile o a parete per ambienti esterni ed interni. Ideale per la decorazione di percorsi guidati e aree verdi. Grazie al grado di protezione IP 68 e al voltaggio in bassa tensione l'apparecchio è adatto all'immersione fino a tre metri, per l'illuminazione di fontane e piscine. Sorgenti: 4 o 9 Led per un totale di 0,5 o 1,5W, di colore bianco, blu e rosso. Corpo e controcassa: in tecnopolimero ad alta resistenza. Schermo di chiusura: diffusore in policarbonato opale, infrangibile. Anello in acciaio inox. Possibilità di collegamento a cascata fino ad un massimo di 20 apparecchi per l'incasso Paike 4 e di 16 apparecchi per l'incasso Paike 9.

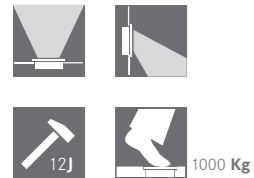
(UK)

*Walk over recessed fitting or wall recessed for outdoor and indoor use. Ideal to light routes and gardens. Thanks to the IP68 protection degree and the low voltage the fitting can be dip installed up to 3 meters, to light fountains and swimming pools. Light sources: 4 or 9 Led, for a total of 0,5 or 1,5W, white, blue or red colours. Body and recessed housing: highly resistant technopolymer. Closure: opal polycarbonate diffuser, unbreakable. Stainless steel front ring. Possibility of cascade up to 20 fixtures maximum for Paike 4 and 16 fixtures for Paike 9.*

(DE)

Betretbarer Boden- oder Wandeinbaustrahler für Außen- und Innenräume. Geeignet für die Beleuchtung von Fußgängerzonen, Grünzonen, Spazierwegen. Dank des Schutzgrades von IP 68 und der niedrigen Spannung ist die Leuchte für eine Anwendung bis zu 3 Metern geeignet, z.B. für die Beleuchtung von Springbrunnen und Schwimmb Becken. Lichtquellen: Module für 4 oder 9 LED für Gesamt 0,5 oder 1,5 W in weißer, blauer und roter Farbe. Körper und Einbaugehäuse: aus hochresistentem Technopolymer. Abdeckung: Diffusor aus opalem Polykarbonat, unzerbrechlich. Frontalem Ring aus Edelstahl. Möglichkeit der Reihenschaltung von max. 20 Leuchten des Einbaustrahlers Paike 4 und von max. 16 Leuchten des Einbaustrahlers Paike 9.

# PAIKE



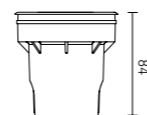
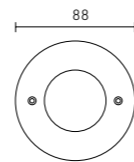
PAIKE

Cl. III IP68



max 0.24 Kg

PAIKE



06PE001R9 PAIKE4				
4 LED	0,5 W	10V		●

06PE002R9 PAIKE4				
4 LED	0,5 W	10V		●

06PE003R9 PAIKE4				
4 LED	0,5 W	10V		●

06PE005R9 PAIKE9				
9 LED	1,2W	24V		●

06PE006R9 PAIKE9				
9 LED	1,2W	24V		●

06PE007R9 PAIKE9				
9 LED	1,2W	24V		●



**Accessori Accessories Zubehör**

Alimentatore elettronico *Electronic ballast* Elektronisches Vorschaltgerät

Alimentatore elettronico *Electronic ballast* Elektronisches Vorschaltgerät

**06GG991N0**

10 Watt/10 Volt per un massimo di 20 Paiké 4  
 10 Watt/10 Volt for connection up to 20 Paiké 4 max  
 10 Watt/10 Volt für maximal 20 Paiké 4

**06GG992N0**

24 Watt/24 Volt per un massimo di 16 Paiké 9  
 24 Watt/24 Volt for connection up to 16 Paiké 9 max  
 24 Watt/24 Volt für maximal 16 Paiké 9

(IT)

Apparecchio da incasso calpestabile e a parete, di ridottissime dimensioni, adatto per l'illuminazione di interni ed esterni, ideale per la decorazione di percorsi guidati e aree verdi.

Sorgenti: 1 lampada Micro-Lynx F da 9W a luce calda (disponibile su richiesta versione con luce fredda).

Corpo stampato in tecnopolimero, chiusura in policarbonato, doppio pressacavo.

Controcassa in polipropilene.

Anello di chiusura in acciaio Inox, disponibile versione con visiera in Inox.

(UK)

*Walk-over recessed or wall recessed fitting with extremely reduced dimensions, suitable for lightening both indoor and outdoor, ideal for the decoration of routes and gardens.*

*Light sources:*

*1 Micro-Lynx F 9W lamp, warm lite*

*(cold light is available on request).*

*Body moulded in technopolymer, closure*

*in polycarbonate, double cable-gland.*

*Recessed housing in propylene.*

*Closure ring made of stainless steel,*

*a version with stainless steel visor is available.*

(DE)

Betretbares Gerät mit sehr kleinen Ausmaßen, für Einbau- oder Wandinstallation, geeignet für die Beleuchtung im Innen- und Außenbereich, perfekt als Verzierung von Fußgängerwegen und Gärten.

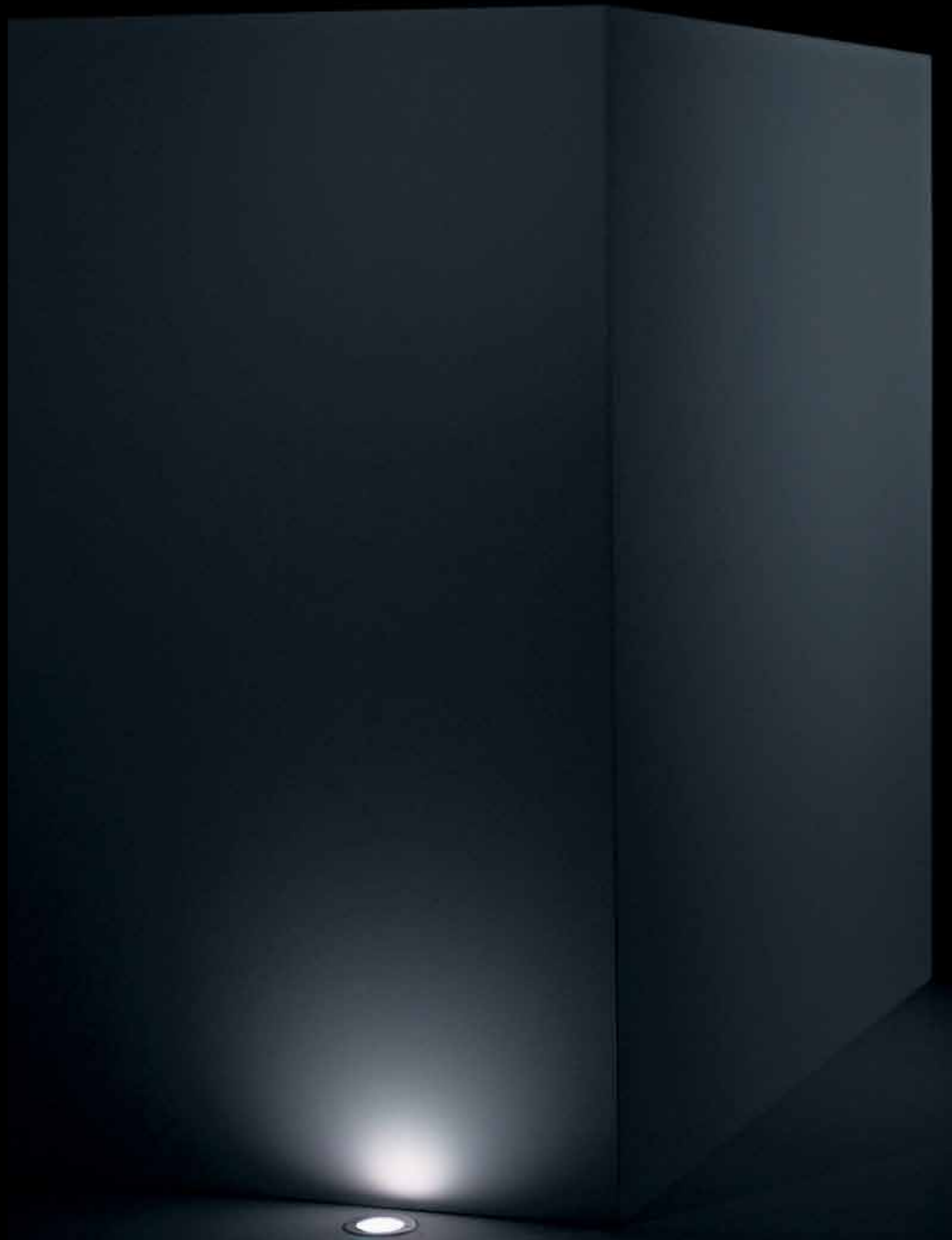
Lichtquelle : 1 Leuchtmittel Micro-Lynx F von 9W in warmer Lichtfarbe; auf Anfrage ist auch die Version mit kaltem Licht möglich.

Der Körper wird aus Technopolymer gepresst; Verschuß aus Polykarbonat, Doppelklemme.

Einbaugehäuse aus Polypropilene.

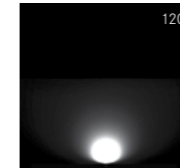
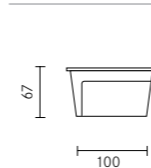
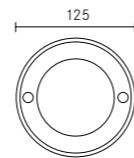
Verschußring aus rostfreiem Stahl, erhältlich auch mit Blendschutzkappe aus rostfreiem Stahl.

# ONLY ONE



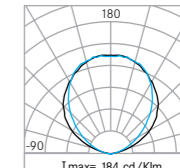


1000 Kg



**06ON012X6**

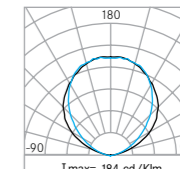
FCE Micro/Lynx 9W GX53 330 lm 4000 K CL



H (m)	Ø (m)	Em(lux)
5	15.21	1
4	12.17	1
3	9.13	1
2	6.09	3
1	3.04	11

**06ON011X6**

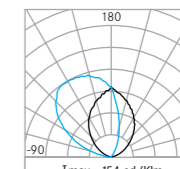
FCE Micro/Lynx 9W GX53 330 lm 3000 K CL



H (m)	Ø (m)	Em(lux)
5	15.21	1
4	12.17	1
3	9.13	1
2	6.09	3
1	3.04	11

**06ON022X6**

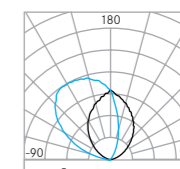
FCE Micro/Lynx 9W GX53 330 lm 4000 K CL



H (m)	Ø (m)	Em(lux)
5	13.44	1
4	10.75	1
3	8.06	1
2	5.38	2
1	2.69	8

**06ON021X6**

FCE Micro/Lynx 9W GX53 330 lm 3000 K CL



H (m)	Ø (m)	Em(lux)
5	13.44	1
4	10.75	1
3	8.06	1
2	5.38	2
1	2.69	8





(I)

Apparecchio da parete, unico nella sua forma e funzione, adatto per l'illuminazione di interni ed esterni.

Sorgenti: 2 lampade Micro-Lynx F da 9W a luce calda, disponibile su richiesta versione con luce fredda o di colore blu.

Corpo stampato in tecnopolimero, di colore nero.

Covers in ABS disponibili nei colori grigio cromato lucido, grigio cromato satinato; a richiesta verniciato nei colori bianco, nero o oro lucido.

(UK)

*Fitting for wall-installation, unique for shape and function, suitable to light interiors and exteriors environments.*

*Light-sources: 2 Micro-Lynx F 9W lamps, warm light, on request also with cool light or blue coloured light.*

*Body moulded in black technopolymer.*

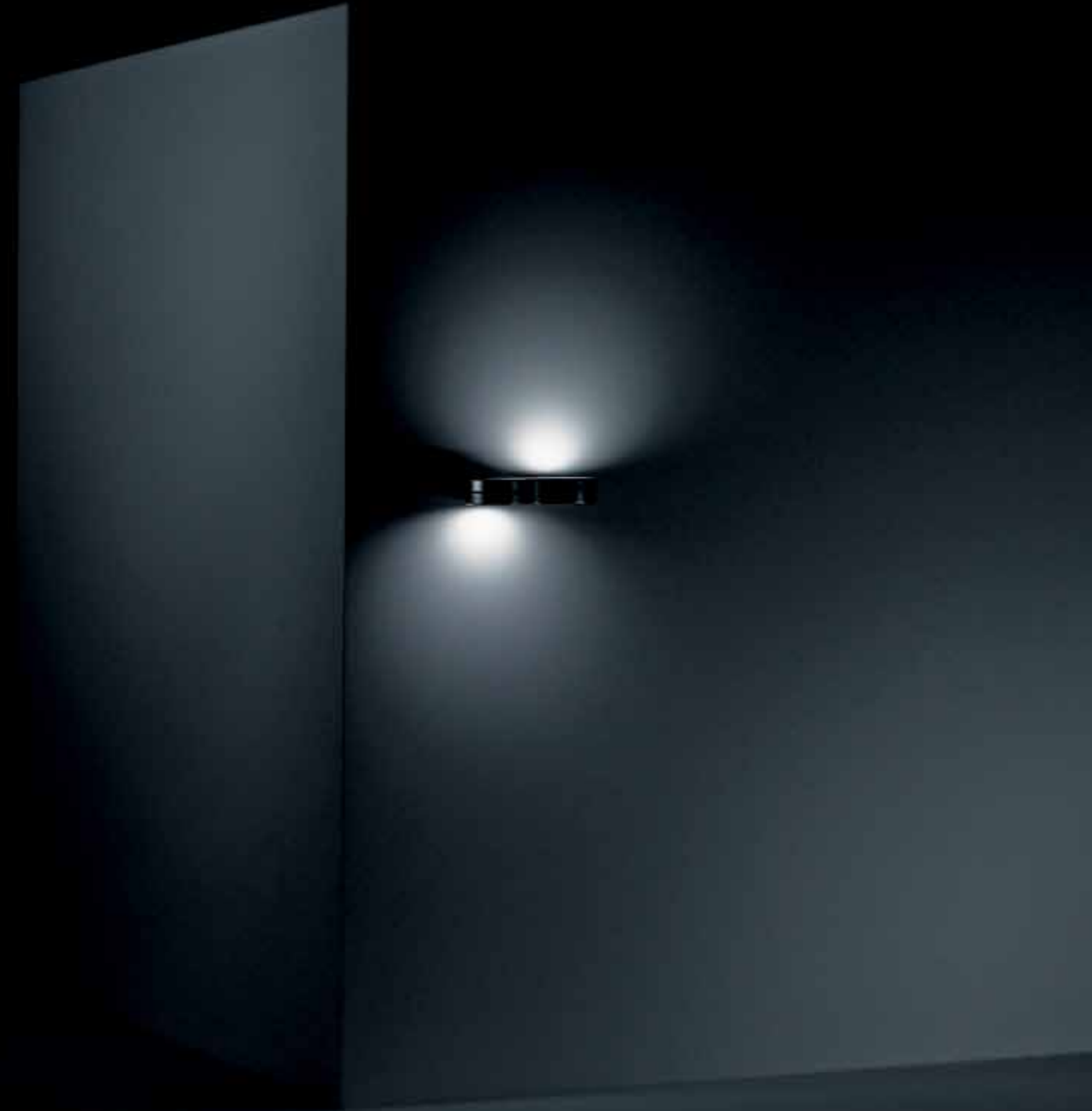
*Cover in ABS, available in the following colours: polished chromium plated grey, satin chromium plated grey; white, black and gold are also available on request.*

(DE)

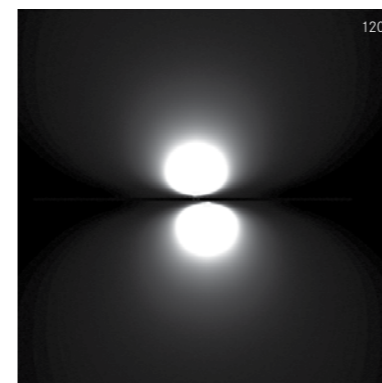
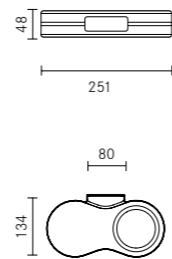
Gerät für die Befestigung an Decken einzigartig in seiner Gestalt und Funktion, geeignet für die Beleuchtung im Innen- und Außenbereich.

Lichtquelle: 2 Leuchtmittel Micro-Lynx F von 9W in warmer Lichtfarbe; auf Anfrage ist auch die Version mit kaltem Licht oder in der Farbe blau möglich.

Der Körper wird aus Technopolymer gepresst, Farbe schwarz. Das Cover aus ABS ist in den Farben poliert Chromgrau oder satiniert Chromgrau verfügbar; auf Anfrage auch in den Farben weiß, schwarz oder gold lackiert.



# ONE&ONE



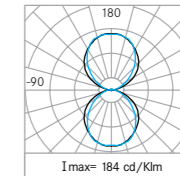
Cromato satinato  
Satin chromium  
Satinierter Chromgrau



Cromato lucido  
Polished chromium  
Polierter Chromgrau

**06ON211XA6**

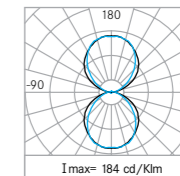
FCE Micro/Lynx	2x9W	GX53	2x330 lm	3000° k	CL
----------------	------	------	----------	---------	----



H (m)	Ø (m)	Em(lux)
5	10.43	1
4	8.35	1
3	6.26	2
2	4.17	5
1	2.09	22

**06ON211XB6**

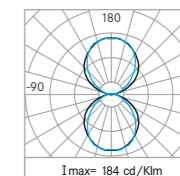
FCE Micro/Lynx	2x9W	GX53	2x330 lm	3000° k	CL
----------------	------	------	----------	---------	----



H (m)	Ø (m)	Em(lux)
5	10.43	1
4	8.35	1
3	6.26	2
2	4.17	5
1	2.09	22

**06ON212XA6**

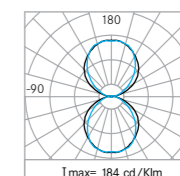
FCE Micro/Lynx	2x9W	GX53	2x330 lm	4000° k	CL
----------------	------	------	----------	---------	----



H (m)	Ø (m)	Em(lux)
5	10.43	1
4	8.35	1
3	6.26	2
2	4.17	5
1	2.09	22

**06ON212XB6**

FCE Micro/Lynx	2x9W	GX53	2x330 lm	4000° k	CL
----------------	------	------	----------	---------	----



H (m)	Ø (m)	Em(lux)
5	10.43	1
4	8.35	1
3	6.26	2
2	4.17	5
1	2.09	22

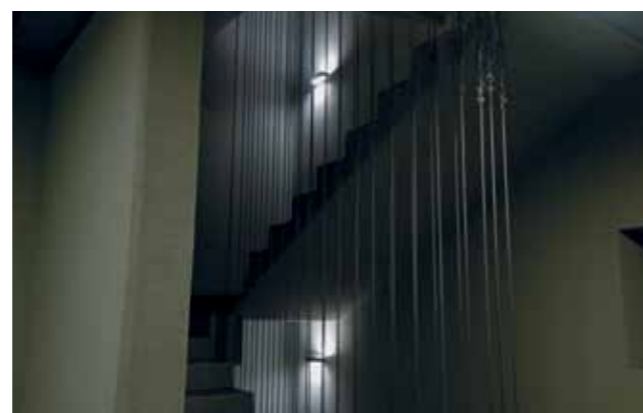
Colori su richiesta Colours on request Farben auf Anfrage



Oro  
Gold  
Goldfarbig

Bianco  
White  
Weiß

Nero  
Black  
Schwarz



(IT)

Apparecchio da incasso calpestabile adatto per l'illuminazione d'accento di particolari architettonici, aree verdi, facciate, zone pedonali.

Sorgenti: 18W FSQ, 20-35-70W MT.

Ottiche: per le lampade con attacco G12 e PGJ5, sono previste ottiche orientabili fino a 360°, basculanti con angolo d'inclinazione effettivo di  $\pm 15^\circ$ . Per le lampade fluorescenti il riflettore è fisso.

Sistema in pressofusione di alluminio in lega primaria EN AB 44100 verniciato di colore grigio RAL9006.

Anello di finitura in acciaio INOX, spessore 3mm. Diffusore in vetro piano temperato spessore 8 mm.

Viti esterne in acciaio INOX AISI 316.

Pozzetto in polietilene da ordinare separatamente.

L'apparecchio è fornito con 1 mt di cavo.

(UK)

*Walk-over recessed fitting, suitable for decorative lighting of architectural details, gardens, façades, pedestrian areas.*

*Light sources: 18W FSQ, 20-35-70W MT.*

*Optics: for lamps with G12 e PGJ5 socket, adjustable optics until 360°, balancing  $\pm 15^\circ$ .*

*For fluorescent lamps the reflector is not adjustable.*

*Body in die-cast aluminium primary alloy EN AB 44100, painted in grey RAL9006.*

*Finishing ring in stainless steel, 3 mm thick.*

*Diffuser in toughened flat glass, thickness 8 mm.*

*External screws in stainless steel AISI 316.*

*The recessed housing in polyethylene must be purchased separately.*

*The fitting is supplied with a 1m cable.*

(DE)

Betretbare Bodeneinbauleuchte, entwickelt für die generelle und dekorative Beleuchtung von Wegen, Parkanlagen, Fußgängerzonen, und architektonischen Elementen.

Lichtquelle : 18W FSQ, 20-35-70W MT.

Optik für Entladungslampen mit Fassung G12 und PGJ5 sind 360° drehbar und um  $\pm 15^\circ$  schwenkbar.

Bei Leuchtstofflampen ist der Reflektor nicht schwenkbar.

Gehäuse aus primärer Aludruckgusslegierung EN AB 44100, lackiert in Farbe grau RAL 9006.

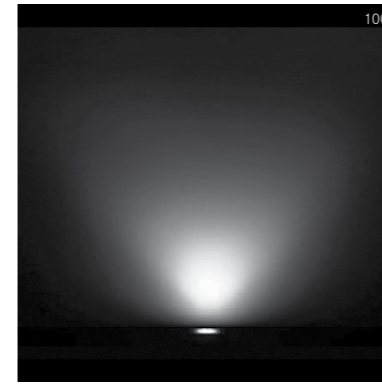
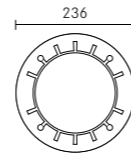
Rahmen aus Edelstahl, Dicke 3 mm.

Diffuser aus gehärtetem Flachglas, Dicke 8 mm.

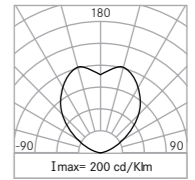
Außenschrauben aus rostfreiem Edelstahl AISI 316.

Die Leuchte wird mit 1 Meter Kabel geliefert.

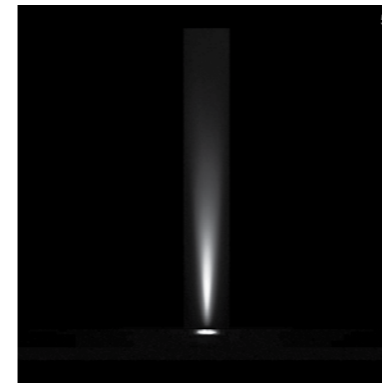
# LUNA



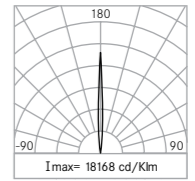
06LN211AA6							
FSQ	18W	G24d-2	CL	1200 lm	2,7 kg	55°C	



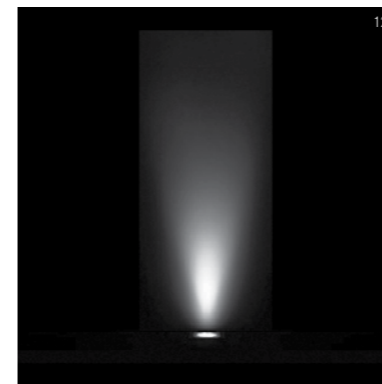
H (m)	Ø (m)	Em(lux)
5	11.91	3
4	9.52	5
3	7.14	9
2	4.76	19
1	2.38	77



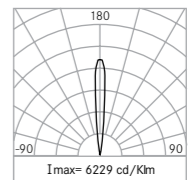
06LN307AA4							
MT	20W	PGJ5	CRL	1600 lm	2,8 kg	65°C	



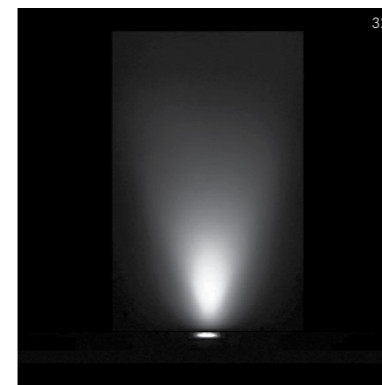
H (m)	Ø (m)	Em(lux)
5	0.42	724
4	0.33	1132
3	0.25	2012
2	0.17	4527
1	0.08	18109



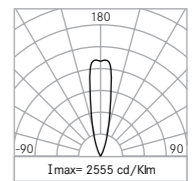
06LN302AA4							
MT	35W	G12	CRL	3300 lm	4,2 kg	90°C	



H (m)	Ø (m)	Em(lux)
5	1.20	554
4	0.96	865
3	0.72	1538
2	0.48	3460
1	0.24	13841



06LN305AA4							
MT	70W PWB	G12	CRL	6600 lm	4,5 kg	120°C	



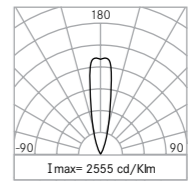
H (m)	Ø (m)	Em(lux)
5	1.30	842
4	1.04	1288
3	0.78	2289
2	0.52	5151
1	0.26	20603

Accessori Accessories Zubehör

	Pozzetto <i>Recessed housing</i> Einbaugehäuse
	Filtri colorati <i>Coloured filter</i> Farbige Filter
	Griglia a lame diritte <i>Louver with straight blades</i> Blende mit senkrechten Lamellen
	Griglia a lame inclinate <i>Louver with bent blades</i> Blende mit diagonalen Lamellen
	Vetro sabbato <i>Sand-blasted glass</i> Sandgestrahltes Glas

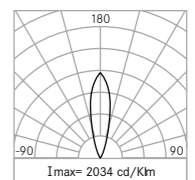
	06SO911AA0	06SO921AA0	
	06SO915AA0	06SO925AA0	
	06SO914AA0	06SO924AA0	
	06SO912AA0	06SO922AA0	
	(20-35W MT)	(18W FSQ)	
	Kit di collegamento <i>Connection set</i> Verbindungskit		
	06SO930AA0		
	Scatola di cablaggio e resina di isolamento <i>Wiring box and insulation resin</i>		
	Anschlussgehäuse mit Verdrahtung und Iso-Harz		

06LN303AA4							
MT	35W	G12	CRL	3300 lm	4,2 kg	95°C	



H (m)	Ø (m)	Em(lux)
5	2.07	226
4	1.66	353
3	1.24	628
2	0.83	1413
1	0.41	5651

06LN306AA4							
MT	70W PWB	G12	CRL	6600 lm	4,5 kg	130°C	



H (m)	Ø (m)	Em(lux)
5	2.05	337
4	1.64	527
3	1.23	936
2	0.82	2107
1	0.41	8428

(1)

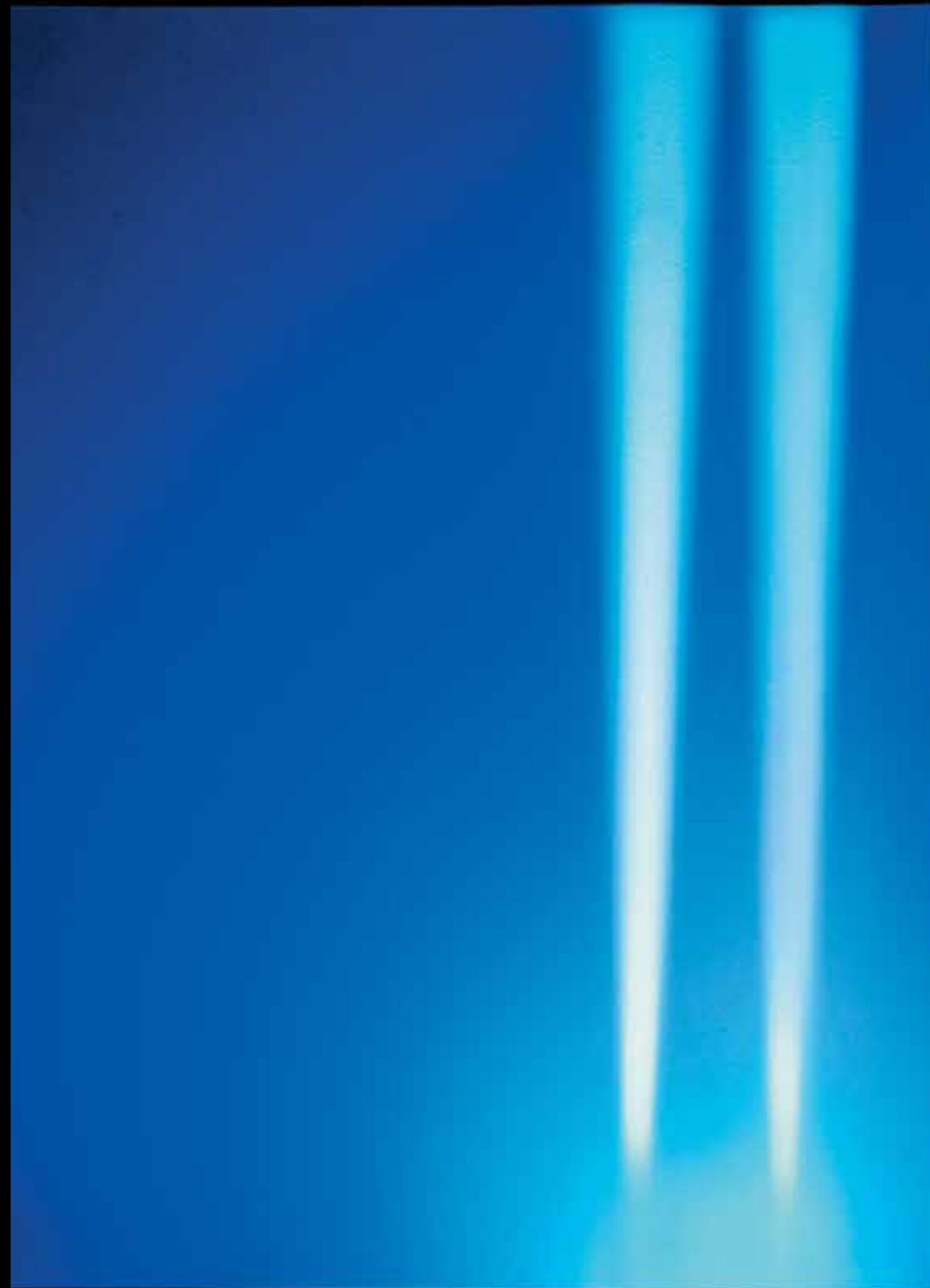
Apparecchio da incasso calpestabile, adatto per l'illuminazione di interni ed esterni, per la valorizzazione di aree verdi. Sorgenti: 2 moduli Ledlite (totale 4W) di colore bianco, orientabili, ad emissione lama e 4 chip led di diverso colore, potenza totale max 12W. Corpo realizzato per imbutitura di lamiera in acciaio Inox AISI 316L. Cornice di finitura in acciaio Inox AISI 316L. Diffusore in vetro temperato, antiscivolo. Viti esterne in acciaio INOX AISI 316. Cassaforma in acciaio zincato. Alimentazione inclusa. L'apparecchio è fornito con 1 mt di cavo. A disposizione la versione RGB cambia colore, realizzata mediante controllo DMX o sequenza preimpostata.

(UK)

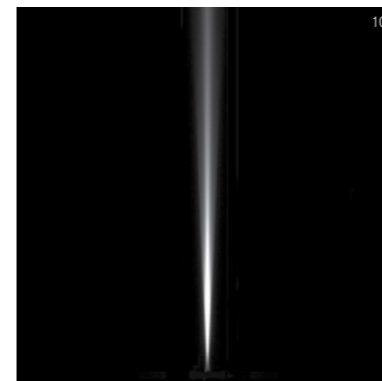
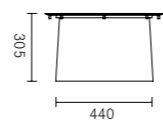
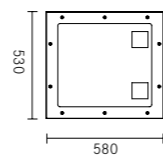
*Walk-over recessed fitting, suitable to light indoor and outdoor, to bring out garden areas. Light sources: 2 Ledlite modules (total 4W) in white colour, adjustable, blade emission and 4 Led chips in different colours, total power 12W. Body realised in deep-drawn stainless steel. Finishing frame in stainless steel AISI 316L. Diffuser in toughened, anti-slip glass. External screws in Stainless steel AISI 316. Recessed housing in galvanised steel. Ballast included. The fitting is supplied with a 1m cable. Available in RGB version, changing-colour, realised by mean of DMX control or predetermined sequence.*

(DE)

Befahrbare Bodeneinbauleuchte geeignet für die Innen- und Außeninstallation, für die Beleuchtung von Grünzonen. Lichtquelle: 2 Ledlite (Insgesamt 4W) in Farbe weiß, verstellbar, mit Ausstrahlung Streiflicht und als 4 chip led in verschiedenen Farben, Gesamtleistung max 12W. Körper aus Aluminiumblech in rostfreiem Edelstahl. Rahmen aus rostfreiem Edelstahl AISI 316L. Diffuser aus gehärtetem, mattiertem Flachglas. Außenliegende Schrauben aus rostfreiem Edelstahl AISI 316. Einbaugehäuse aus galvanisiertem Stahl. Stromversorgung eingebaut. Das Gerät wird mit 1 Meter Kabel geliefert. Erhältlich in der RGB-Version, Farbe-ändernd, durch DMX-Regulierung oder vorherbestimmte Sequenz.

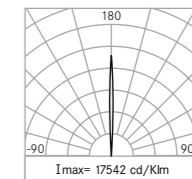


# TAPIS LUMIERE



**06TA001X7 - 1000kg**

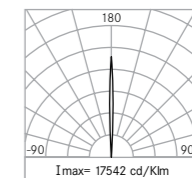
LED 2 x 1w	350mA	2 x 93 lm	<input type="radio"/>
LED 2 x 1w	350mA	2 x 93 lm	<input type="radio"/>
LED 4 x 1w	350mA	4 x 30 lm	<input checked="" type="radio"/>
LED 4 x 1w	350mA	4 x 93 lm	<input type="radio"/>



H (m)	Ø (m)	Em(lux)
5	0,35	88
4	0,28	138
3	0,21	243
2	0,14	548
1	0,07	2190

**06TA351X7 - 1000kg**

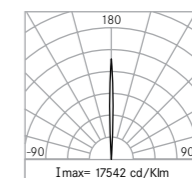
LED 2 x 1w	350mA	2 x 93 lm	<input type="radio"/>
LED 2 x 1w	350mA	2 x 93 lm	<input type="radio"/>
LED 4 x 2,5w*	350mA		RGB



H (m)	Ø (m)	Em(lux)
5	0,35	88
4	0,28	138
3	0,21	243
2	0,14	548
1	0,07	2190

**06TA102X2 - 1000kg**

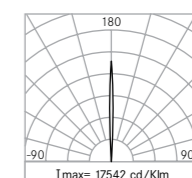
LED 2 x 1w	350mA	2 x 93 lm	<input type="radio"/>
LED 2 x 1w	350mA	2 x 93 lm	<input type="radio"/>
LED 8 x 1w	350mA	8 x 93 lm	<input type="radio"/>



H (m)	Ø (m)	Em(lux)
5	0,35	88
4	0,28	138
3	0,21	243
2	0,14	548
1	0,07	2190

**06TA502X2 - 5000kg**

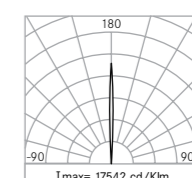
LED 2 x 1w	350mA	2 x 93 lm	<input type="radio"/>
LED 2 x 1w	350mA	2 x 93 lm	<input type="radio"/>
LED 8 x 1w	350mA	8 x 93 lm	<input type="radio"/>



H (m)	Ø (m)	Em(lux)
5	0,35	88
4	0,28	138
3	0,21	243
2	0,14	548
1	0,07	2190

**06TA751X7 - 5000kg**

LED 2 x 1w	350mA	2 x 93 lm	<input type="radio"/>
LED 2 x 1w	350mA	2 x 93 lm	<input type="radio"/>
LED 4 x 2,5w*	350mA		RGB



H (m)	Ø (m)	Em(lux)
5	0,35	88
4	0,28	138
3	0,21	243
2	0,14	548
1	0,07	2190

**06TA551X2 - 5000kg**

LED 8 x 1w	350mA	8 x 93 lm	<input type="radio"/>
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**Accessori Accessories Zubehör**

\* Driver AC/DC 230W/24V DC 60W IP66 per RGB

\* Driver AC/DC 230W/24VDC 60W IP66 for RGB

\* Driver AC/DC 230W/24VDC 60W IP66 für RGB

**06TA902X0**

\* Centralina di controllo per RGB

\* Control station for RGB

\* Regulierungsstation für RGB

**06TA903X0**



(1)

Apparecchio da incasso carrabile adatto per l'illuminazione generale o d'accento di particolari architettonici, aree verdi, facciate, zone pedonali. Sorgenti: 18W FSQ, 50W HRG, 20-35-70W MT.

Ottiche: per le lampade a scarica con attacco G12, PGJ5 sono previste ottiche orientabili fino a 360°, basculanti con angolo d'inclinazione effettivo di ± 15° e apertura del fascio di 5°, 12° o 32°.

Per le lampade di tipo R111 (50W attacco G53) è previsto un sistema orientabile fino 360° che permette di indirizzare il fascio emesso di ± 15°.

Per le lampade fluorescenti il riflettore è fisso.

Sistema in pressofusione di alluminio in lega primaria EN AB 44100 verniciato di colore grigio RAL9006.

Diffusore in vetro piano temperato spessore 15 mm.

Viti esterne in acciaio INOX AISI 316.

Doppio pressacavo in ottone per il collegamento in cascata.

Pozzetto in polietilene da ordinare separatamente.

L'apparecchio è fornito con 1 mt di cavo.

(UK)

*Drive-over recessed fitting suitable for the general lighting or enhance lighting of architectural details, green areas, façades, pedestrian areas.*

*Light sources: 18W FSQ, 50W HRG, 20-35-70W MT.*

*Optics: for lamps with G12 and PGJ5 socket, adjustable optics until 360° are foreseen, these are also balancing ± 15° and they have beam openings 5°, 12° and 32°.*

*Lamps type R111 (50W with G53 socket) have an adjustable system foreseen, which enables to turn the light beam with ± 15°*

*For fluorescent lamps the reflector is fixed.*

*System in die-cast aluminium primary alloy EN AB 44100, painted in grey RAL9006.*

*Diffuser in toughened flat glass, thickness 15 mm.*

*External screws in stainless steel AISI316.*

*Double cable-gland in brass for cascade connection.*

*Recessed housing in polyethylene must be purchased separately.*

*The fitting is supplied with a 1m cable.*

(DE)

Befahrbare Bodeneinbauleuchte, entwickelt für die generelle und dekorative Beleuchtung von Wegen, Parkanlagen, Fußgängerzonen, und architektonischen Elementen.

Lichtquelle : 18W FSQ, 50W HRG, 20-35-70W MT.

Optik: für Entladungslampen mit Fassung G12, PGJ5 360° drehbar und um +/-15° schwenkbar Die Austrahlung ist wahlweise 5°, 12° oder 32°.

Die Leuchten für Leuchtmittel R 111 (50 Watt Sockel G53) haben eine bis zu 360° schwenkbare Fassung +/-15°.

Bei Leuchtstofflampen ist der Reflektor nicht schwenkbar.

Gehäuse aus primärer Aludruckgusslegierung EN AB 44100, lackiert in Farbe grau RAL 9006.

Diffuser aus gehärtetem Flachglas, Dicke 15 mm.

Außenschrauben aus rostfreiem Edelstahl AISI 316.

Doppelte Kabeleinführung aus Messing für die Durchgangsverdrahtung. Einbaugehäuse aus Polyäthylen muß separat bestellt werden.

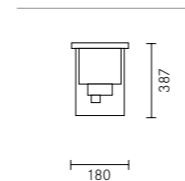
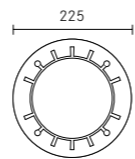
Die Leuchte wird mit 1 Meter Kabel geliefert.

# SOL

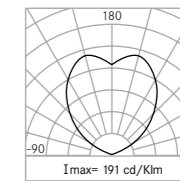
Desing by Silvio De Ponte & R&S Cariboni Lite  
with the collaboration of Roberta Dimitri



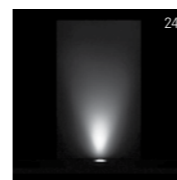
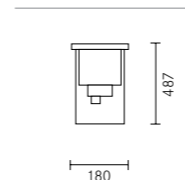




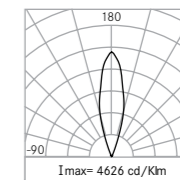
06SO211AA6					
FSQ	18W	G24d-2	1200 lm	CL	40°C



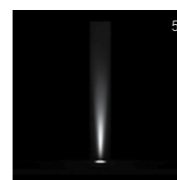
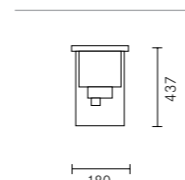
H (m)	Ø (m)	Em(lux)
5	11.78	3
4	9.43	5
3	7.07	8
2	4.71	19
1	2.36	75



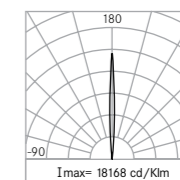
06SO101AA8					
HRG	50W	G53	5800 cd	CL	90°C



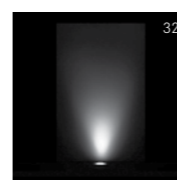
H (m)	Ø (m)	Em(lux)
5	1.77	59
4	1.42	92
3	1.06	164
2	0.71	368
1	0.35	1472



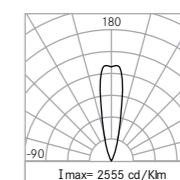
06SO307AA4					
MT	20W	PGJ5	1600 lm	CRL	60°C



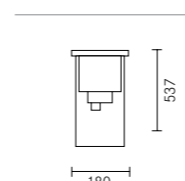
H (m)	Ø (m)	Em(lux)
5	0.42	724
4	0.33	1132
3	0.25	2012
2	0.17	4527
1	0.08	18109



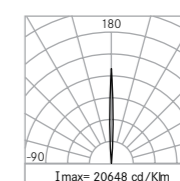
06SO309AA4					
MT	20W	PGJ5	1600 lm	CRL	60°C



H (m)	Ø (m)	Em(lux)
5	2.07	113
4	1.66	177
3	1.24	314
2	0.83	706
1	0.41	2825



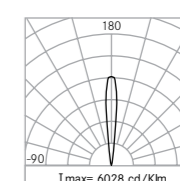
06SO301AA4					
MT	35W	G12	3300 lm	CRL	75°C



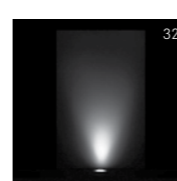
H (m)	Ø (m)	Em(lux)
5	0.51	1764
4	0.41	2756
3	0.31	4899
2	0.20	11023
1	0.10	44091



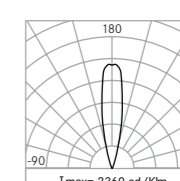
06SO302AA4					
MT	35W	G12	3300 lm	CRL	80°C



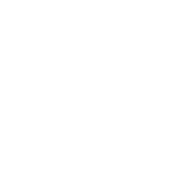
H (m)	Ø (m)	Em(lux)
5	1.05	545
4	0.84	852
3	0.63	1514
2	0.42	3406
1	0.21	13626



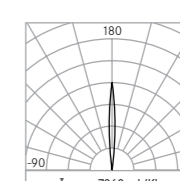
06SO303AA4					
MT	35W	G12	3300 lm	CRL	85°C



H (m)	Ø (m)	Em(lux)
5	1.86	204
4	1.48	319
3	1.11	566
2	0.74	1274
1	0.37	5097



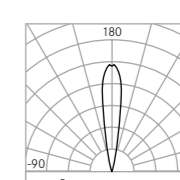
06SO304AA4					
MT	70W PWB	G12	6600 lm	CRL	95°C



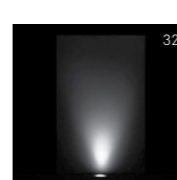
H (m)	Ø (m)	Em(lux)
5	0.78	1318
4	0.63	2059
3	0.47	3660
2	0.31	8235
1	0.16	32940



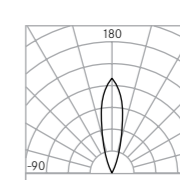
06SO305AA4					
MT	70W PWB	G12	6600 lm	CRL	100°C



H (m)	Ø (m)	Em(lux)
5	1.30	727
4	1.04	1136
3	0.78	2020
2	0.52	4546
1	0.26	18183



06SO306AA4					
MT	70W PWB	G12	6600 lm	CRL	115°C



H (m)	Ø (m)	Em(lux)
5	2.23	287
4	1.78	448
3	1.34	796
2	0.89	1792
1	0.45	7167

Accessori Accessories Zubehör

Pozzetto Recessed housing Einbaugehäuse

	<b>600002003</b> (387 mm_18W FSQ)
	<b>600002004</b> (437 mm_20W MT)
	<b>600002005</b> (487 mm_50W HRG)
	<b>600002006</b> (536 mm_35-70W MT)

Filtri colorati Coloured filters Farbige Filter

	<b>06SO911AA0</b>	<b>06SO921AA0</b>	
	<b>06SO915AA0</b>	<b>06SO925AA0</b>	
	<b>06SO914AA0</b>	<b>06SO924AA0</b>	
	<b>06SO912AA0</b>	<b>06SO922AA0</b>	

(20-35W MT) (18W FSQ)

Griglia a lame diritte Louver with straight blades  
Blende mit senkrechten Lamellen

	<b>06SO901AA0</b> (20-35-70W MT)
	<b>06SO919AA0</b> (18W FSQ - 50W HRG)

Griglia a lame inclinate Louver with bent blades  
Blende mit diagonalen Blenden

	<b>06SO902AA0</b> (20-35-70W MT)
	<b>06SO920AA0</b> (18W FSQ - 50W HRG)

Kit di collegamento Connection set Verbindungsset

	<b>06SO930AA0</b>
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Scatola di cablaggio e resina di isolamento  
Wiring box and insulation resin

Anschlussgehäuse mit Verdrahtung und Iso-Harz

Vetro sabbato Sand-blasted glass Sandgestrahltes Glas

	<b>06SO916AA0</b> (20-35-70W MT)
	<b>06SO926AA0</b> (18W FSQ - 50W HRG)

(1)

Apparecchio da incasso carrabile adatto per l'illuminazione generale o d'accento di particolari architettonici, aree verdi, facciate, zone pedonali.

Sorgenti: 18W FSQ, 50W HRG, 20-35-70W MT.

Ottiche: per le lampade a scarica con attacco G12,PGJ5 sono previste ottiche orientabili fino a 360°, basculanti con angolo d'inclinazione effettivo di ± 15° e apertura del fascio di 5°, 12° o 32°.

Per le lampade di tipo R111 (50W attacco G53) è previsto un sistema orientabile che permette di indirizzare il fascio emesso di ± 15°. Per le lampade fluorescenti il riflettore è fisso.

Sistema in pressofusione di alluminio in lega primaria EN AB 44100 verniciato di colore grigio RAL9006.

Diffusore in vetro piano temperato spessore 19 mm. Anello di finitura in acciaio Inox AISI 316, spessore 3 mm.

Viti esterne in acciaio INOX AISI 316.

Doppio pressacavo in ottone per il collegamento in cascata.

Pozzetto in polietilene da ordinare separatamente.

L'apparecchio è fornito con 1 mt di cavo.

(UK)

*Drive-over recessed fitting suitable for the general lighting or enhance lighting of architectural details, green areas, façades, pedestrian areas.*

*Light sources: 18W FSQ, 50W HRG, 20-35-70W MT.*

*Optics: for lamps with G12 and PGJ5 socket, adjustable optics until 360° are foreseen, these are also balancing ± 15° and they have beam openings 5°, 12° and 32°.*

*Lamps type R111 (50W with G53 socket) have an adjustable system foreseen, which enables to turn the light beam with ± 15°*

*For fluorescent lamps the refractor is fixed.*

*System in die-cast aluminium primary alloy EN AB 44100, painted in grey RAL9006.*

*Diffuser in toughened flat glass, thickness 19 mm. Finishing ring in stainless steel AISI316, 3 mm thick.*

*External screws in stainless steel AISI316.*

*Double cable-gland in brass for cascade connection.*

*Recessed housing in polyethylene must be purchased separately.*

*The fitting is supplied with a 1m cable.*

(DE)

Befahrbare Bodeneinbauleuchte entwickelt für die generelle und dekorative Beleuchtung von architektonischen Elementen, Grünzonen, Fassaden und Fußgängerzonen.

Lichtquelle : 18W FSQ, 50W HRG, 20W-35-70W MT

Optik: für Entladungslampen mit Fassung G12 , PGJ5 360° drehbar und um +/-15° schwenkbar Die Austrahlung ist Wahlweise 5°, 12° oder 32°.

Die Leuchten für Leuchtmittel R 111 (50 Watt Sockel G53) haben eine schwenkbare Fassung +/-15°.

Bei Leuchtstofflampen ist der Reflektor nicht schwenkbar.

Gehäuse aus primärer Aludruckgusslegierung EN AB 44100 lackiert in Farbe grau RAL 9006.

Diffuser aus gehärtetem Flachglas, Dicke 15 mm.

Dichtungsring aus rostfreiem Edelstahl AISI 316, Dicke 3 mm.

Außenschrauben aus rostfreiem Edelstahl AISI 316.

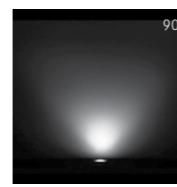
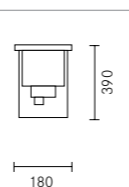
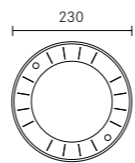
Doppelte Kabeleinführung aus Messing für die Durchgangsverdrahtung.

Einbaugehäuse aus Polyäthylen (separat zu bestellen).

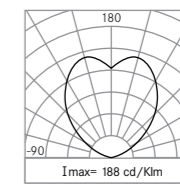
Die Leuchte wird mit 1 Meter Kabel geliefert.

# ZON

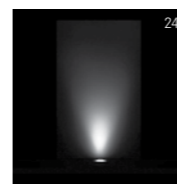
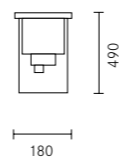
Desing by Silvio De Ponte & R&S Cariboni Lite  
with the collaboration of Roberta Dimitri



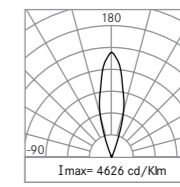
06ZO211AA6					
FSQ	18W	G24d-2	1200 lm	CL	40°C



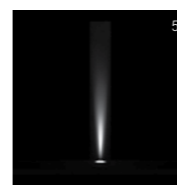
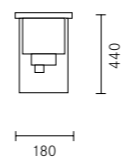
H (m)	Ø (m)	Em(lux)
5	11.72	3
4	9.38	5
3	7.03	8
2	4.69	19
1	2.34	74



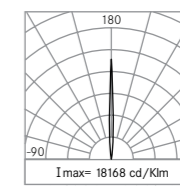
06ZO101AA8					
HRG	50W	G53	5800 cd	CL	90°C



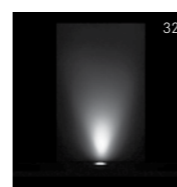
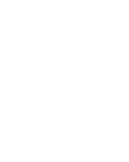
H (m)	Ø (m)	Em(lux)
5	1.77	59
4	1.42	92
3	1.06	164
2	0.71	368
1	0.35	1472



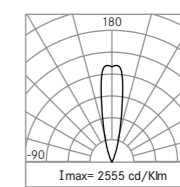
06ZO307AA4					
MT	20W	PGJ5	1600 lm	CRL	60°C



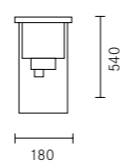
H (m)	Ø (m)	Em(lux)
5	0.42	724
4	0.33	1132
3	0.25	2012
2	0.17	4527
1	0.08	18109



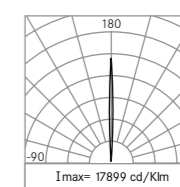
06ZO309AA4					
MT	20W	PGJ5	1600 lm	CRL	60°C



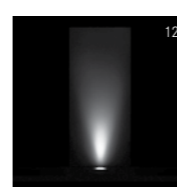
H (m)	Ø (m)	Em(lux)
5	2.07	113
4	1.66	177
3	1.24	314
2	0.83	706
1	0.41	2825



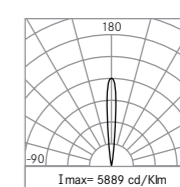
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MT	35W	G12	3300 lm	CRL	75°C



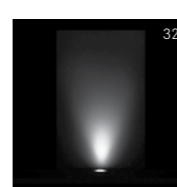
H (m)	Ø (m)	Em(lux)
5	0.34	1501
4	0.27	2346
3	0.21	4170
2	0.14	9382
1	0.07	37528



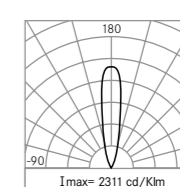
06ZO302AA4					
MT	35W	G12	3300 lm	CRL	80°C



H (m)	Ø (m)	Em(lux)
5	0.98	523
4	0.79	817
3	0.59	1452
2	0.39	3267
1	0.20	13068



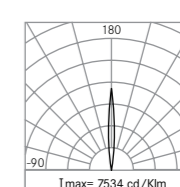
06ZO303AA4					
MT	35W	G12	3300 lm	CRL	85°C



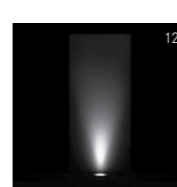
H (m)	Ø (m)	Em(lux)
5	1.79	199
4	1.43	311
3	1.07	553
2	0.72	1244
1	0.36	4976



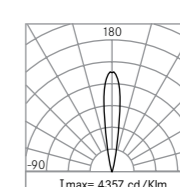
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MT	70W PWB	G12	6600 lm	CRL	95°C



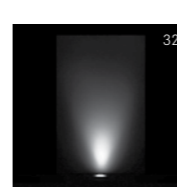
H (m)	Ø (m)	Em(lux)
5	0.64	1257
4	0.52	1964
3	0.39	3492
2	0.26	7856
1	0.13	31424



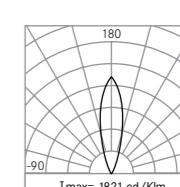
06ZO305AA4					
MT	70W PWB	G12	6600 lm	CRL	100°C



H (m)	Ø (m)	Em(lux)
5	1.44	760
4	1.15	1188
3	0.86	2112
2	0.58	4751
1	0.29	19004



06ZO306AA4					
MT	70W PWB	G12	6600 lm	CRL	115°C



H (m)	Ø (m)	Em(lux)
5	2.19	295
4	1.75	461
3	1.31	820
2	0.88	1844
1	0.44	7377

Accessori Accessories Zubehör

Pozzetto Recessed housing Einbaugehäuse

<b>600002003</b>	(387 mm_18W FSQ)
<b>600002004</b>	(437 mm_20W MT)
<b>600002005</b>	(487 mm_50W HRG)
<b>600002006</b>	(536 mm_35-70W MT)

Griglia a lame diritte Louver with straight blades  
Blende mit senkrechten Lamellen

<b>06SO901AA0</b>	(20-35-70W MT)
<b>06SO919AA0</b>	(18W FSQ - 50W HRG)

Griglia a lame inclinate Louver with bent blades  
Blende mit diagonalen Blenden

<b>06SO902AA0</b>	(20-35-70W MT)
<b>06SO920AA0</b>	(18W FSQ - 50W HRG)

Vetro sabbato Sand-blasted glass Sandgestrahltes Glas

<b>06SO916AA0</b>	(20-35-70W MT)
<b>06SO926AA0</b>	(18W FSQ - 50W HRG)

Filtri colorati Coloured filters Farbige Filter

<b>06SO911AA0</b>	<b>06SO921AA0</b>	
<b>06SO915AA0</b>	<b>06SO925AA0</b>	
<b>06SO914AA0</b>	<b>06SO924AA0</b>	
<b>06SO912AA0</b>	<b>06SO922AA0</b>	

(20-35W MT) (18W FSQ)

Kit di collegamento Connection set Verbindungsset

**06SO930AA0**

Scatola di cablaggio e resina di isolamento  
Wiring box and insulation resin

Anschlussgehäuse mit Verdrahtung und Iso-Harz

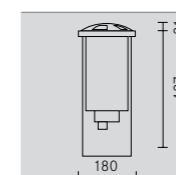
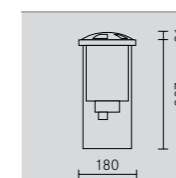
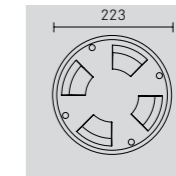
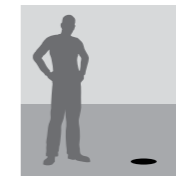


# DIELL & ZUVA

Desing by Silvio De Ponte & R&S Cariboni Lite  
with the collaboration of Roberta Demitri



2500 Kg  
15 Km/h



#### 06DI102AA8

HS 50W GY 6,35 1260 lm CL 75°C

#### 06DI301AA4

MT 35W G8,5 3300 lm CRL 80°C



(IT)

Apparecchio da incasso carrabile adatto per l'illuminazione d'accento di percorsi, aree verdi, zone pedonali.

Il sistema di schermature consiste nella combinazione di una cornice bombata con 4 aperture da 45° circa.

Sorgenti: 50W HS, 35W MT.

Sistema e calotta di chiusura in pressofusione di alluminio in lega primaria EN AB 44100 verniciati di colore grigio RAL9006.

Diffusore in vetro curvo temperato spessore 4 mm.

Viti esterne in acciaio INOX AISI 316.

Doppio pressacavo in ottone per il collegamento in cascata.

Pozzetto in polietilene da ordinare separatamente.

L'apparecchio è fornito con 1 mt di cavo.

(UK)

*Drive-over recessed fitting, suitable for decorative lighting of routes, garden and pedestrian areas.*

*The screening system is the combination of a convex frame with 4 openings of 45° approximately.*

*Light sources: 50W HS, 35W MT.*

*System in die-cast aluminium primary alloy EN AB 44100, painted in grey RAL9006.*

*Diffuser in convex glass, thickness 4 mm.*

*External screws in stainless steel AISI 316.*

*Double brass cable-gland for multiple connection.*

*Recessed housing in polyethylene must be purchased separately.*

*The fitting is supplied with a 1m cable.*

(DE)

Befahrbare Bodeneinbauleuchte, entwickelt für die generelle Beleuchtung von Wegen, Grünanlagen und Fußgängerzonen.

Das Schirmsystem besteht aus der Kombination mit einem gewölbten Rahmen mit 4 Öffnungen von circa 45°.

Lichtquelle : 50W HS , 35W MT.

System und Verschlussrahmen aus primärer Aludruckgusslegierung EN AB 44100 lackiert in Farbe grau RAL 9006.

Diffusor aus gewölbtem Glas, Dicke 4 mm Außenschrauben aus rostfreiem Edelstahl AISI 316.

Doppelte Kabeleinführung aus Messing für die Installation in Reihe.

Einbaugehäuse aus Polyäthylen (separat zu bestellen werden).

Die Leuchte wird mit 1 Meter Kabel geliefert.



# DIELL

Desing by Silvio De Ponte & R&S Cariboni Lite  
with the collaboration of Roberta Dimitri

#### Accessori Accessories Zubehör



Pozzetto  
Recessed housing  
Einbaugehäuse

**600002003** (387 mm\_50W HS)

**600002004** (437 mm\_35W MT)



Kit di collegamento  
Connection set  
Verbindungsset

**06SO930AA0**

Scatola di cablaggio e resina di isolamento

Wiring box and insulation resin

Anschlussgehäuse mit Verdrahtung und Iso-Harz



Partendo da una delle quattro configurazioni sopra descritte, modificando la tipologia di petali presenti, è possibile ottenere le 16 differenti configurazioni.

*It is possible to achieve 16 different configurations, starting from the above-mentioned base systems, only by modifying the typology of installed petals.*

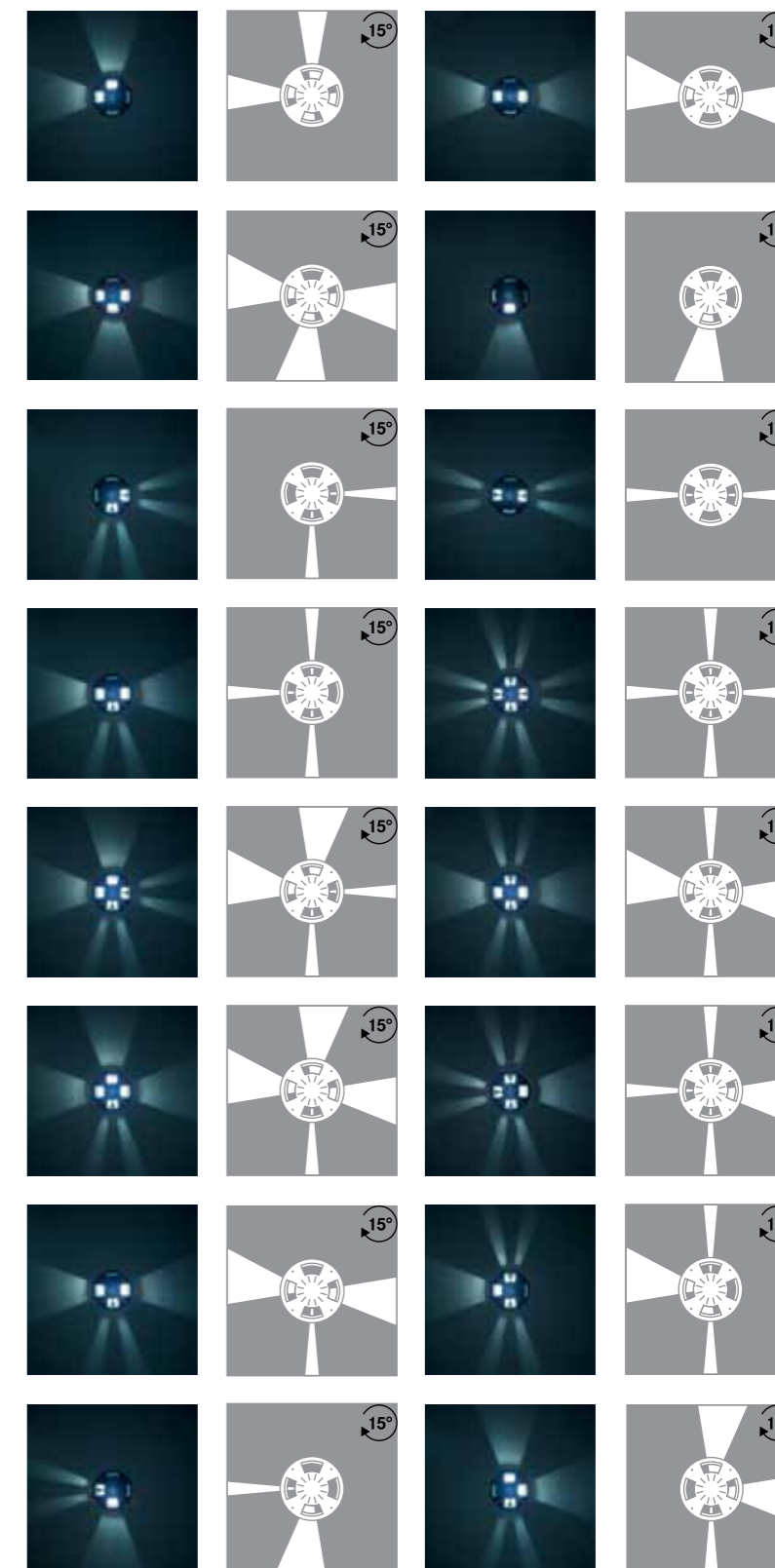
Ausgehend von einer der 4 oben beschriebenen Konfigurationen, ist es durch Veränderung der vorhandenen Petals möglich, 16 verschiedene Konfigurationen zu erhalten.



Per ogni tipo di configurazione disponibile, ruotando i petali di 15° si ottiene una riduzione dei fasci luminosi uscenti.

*For every possible configuration, it is possible to have a reduction of light beams with a 15° rotation of the petals.*

Bei jeder möglichen Konfiguration kann man durch eine 15° Drehung der Petals eine reduzierte Ausstrahlung erreichen.



**(IT)**  
Un nuovo concetto di gestione “dinamica” della luce. Attraverso un sistema di schermatura del fascio, consente di definire l’effetto e la quantità di luce uscente. Il sistema di schermature consiste nella combinazione di una cornice bombata con 4 aperture da 45° circa e dei “petali” che permettono differenti passaggi di luce. Apparecchio da incasso carrabile adatto per l’illuminazione d’accento di percorsi, aree verdi, zone pedonali. Sorgenti: 50W HS, 35W MT. Sistema e calotta di chiusura in pressofusione di alluminio in lega primaria EN AB 44100 verniciati di colore grigio RAL9006. Diffusore in vetro curvo temperato spessore 4 mm. Viti esterne in acciaio INOX AISI 316. Doppio pressacavo in ottone per il collegamento in cascata. Pozzetto in polietilene da ordinare separatamente. L’apparecchio è fornito con 1mt di cavo. Il sistema è provvisto di brevetto europeo.

**(UK)**  
*New concept of “dynamic” managing of light. It is possible to settle the effect and the quantity of outgoing light thanks to a special beam screening system. This screening system is the combination of a convex frame with 4 openings of 45° approximately and some “petals” which can modify the outgoing light beams. Drive-over recessed fitting, suitable for decorative lighting of routes, garden and pedestrian areas. Light sources: 50W HS, 35W MT. System in die-cast aluminium primary alloy EN AB 44100, painted in grey RAL9006. Diffuser in convex glass, thickness 4 mm. External screws in stainless steel AISI 316. Double brass cable-gland for multiple connection. Recessed housing in polyethylene must be purchased separately. The fitting is supplied with a 1m cable. This system is european patented.*

**(DE)**  
Ein neues „dynamisches“ Lichtkonzept. Ein lichtausstrahlendes Schirmsystem bestimmt den Effekt und die Quantität des austretenden Lichts. Das Schirmsystem besteht aus der Kombination von einem gewölbten Rahmen mit 4 Öffnungen von circa 45° und „Petals“ für die verschiedenen Lichteffekte. Befahrbare Einbauleuchte geeignet für die Beleuchtung von Wegen, Grünanlagen und Fußgängerzonen. Lichtquelle: 50W HS, 35W MT Gehäuse und Verschlußrahmen aus primärer Aludruckgußlegierung EN AB 44100 lackiert in Farbe grau RAL 9006. Diffusor aus gewölbtem Glas, Dicke 4 mm. Außenschrauben aus rostfreiem Edelstahl AISI 316. Doppelte Kabeleinführung aus Messing für die Installation in Reihe. Einbaugehäuse aus Polyäthylen (separat zu bestellen werden). Die Leuchte wird mit 1 Meter Kabel geliefert. Das System ist Europaweit patentiert.



**Accessori Accessories Zubehör**



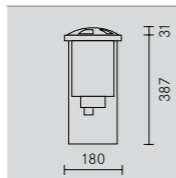
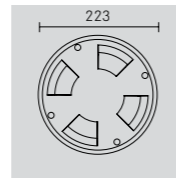
Pozzetto  
Recessed housing  
Einbaugehäuse  
**600002003** (387 mm\_50W HS)  
**600002004** (437 mm\_35W MT)



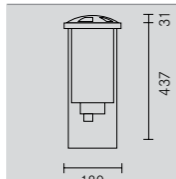
Kit di collegamento  
Connection set  
Verbindungs kit  
**06S0930AA0**  
Scatola di cablaggio e resina di isolamento  
Wiring box and insulation resin  
Anschlussgehäuse mit Verdrahtung und Iso-Harz

**ZUVA**

Desing by Silvio De Ponte & R&S Cariboni Lite



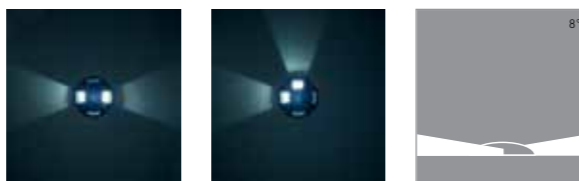
<b>06ZU102AA8</b>					
HS	50W	GY 6,35	1260 lm	CL	75°C



<b>06ZU301AA4</b>					
MT	35W	G8,5	3300 lm	CRL	80°C



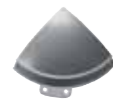
Costituito da due petali ciechi e da due petali con apertura di 45°  
 Equipped with two blind petals and two petals with 45° opening  
 Zwei blinde „Petals“ und zwei „Petals“ mit 45° Öffnung



**Accessori Accessories Zubehör**

Acquistando uno dei tre kit petali accessori, è possibile ottenere le configurazioni sottoindicate  
 By buying one of the three petals accessories kits, it is possible to obtain the configurations showed hereunder  
 Durch den Erwerb eines der drei Petalzubehörkits ist es möglich die unten genannten Konfigurationen zu bilden.

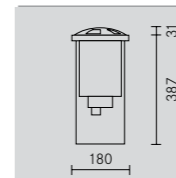
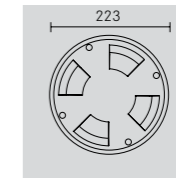
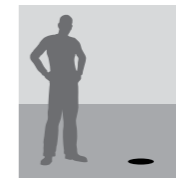
**+ 06ZU901AA0**



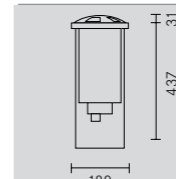
**+ 06ZU902AA0**



**+ 06ZU903AA0**



<b>06ZU103AA8</b>					
HS	50W	GY 6,35	1260 lm	CL	75°C



<b>06ZU302AA4</b>					
MT	35W	G8,5	3300 lm	CRL	80°C



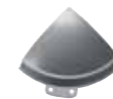
Costituito da due petali con apertura 2x12° e da due petali con apertura di 45°  
 Equipped with two petals with 2x12° opening and two petals with 45° opening  
 Bestehend aus zwei „Petals“ mit zwei 12° Öffnungen und zwei „Petals“ mit 45° Öffnung



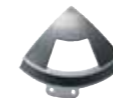
**Accessori Accessories Zubehör**

Acquistando uno dei tre kit petali accessori, è possibile ottenere le configurazioni sottoindicate  
 By buying one of the three petals accessories kits, it is possible to obtain the configurations showed hereunder  
 Durch den Erwerb eines der drei Petalzubehörkits ist es möglich die unten genannten Konfigurationen zu bilden.

**+ 06ZU901AA0**



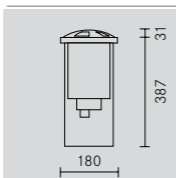
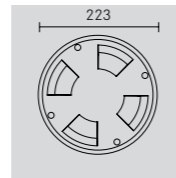
**+ 06ZU902AA0**



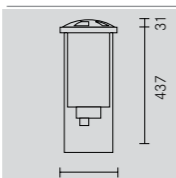
**+ 06ZU903AA0**



ZUVA 3 Cl. I IP67 230V 50Hz max 4.1Kg



**06ZU104AA8**  
HS 50W GY 6,35 1260 lm CL 75°C



**06ZU303AA4**  
MT 35W G8,5 3300 lm CRL 80°C



Costituito da due petali ciechi e da due con aperture di 12°  
Equipped with two blind petals and two petals with double 12° opening  
Zwei blinde „Petals“ und zwei „Petals“ mit zwei 12° Öffnungen



**Accessori Accessories**

Acquistando uno dei due kit petali accessori, è possibile ottenere le configurazioni sottoindicate  
By buying one of the two petals accessories kits, it is possible to obtain the configurations showed hereunder  
Durch den Erwerb eines der zwei Petalzubehörkits ist es möglich die unten genannten Konfigurationen zu bilden.

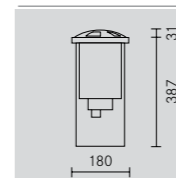
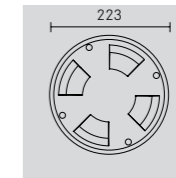
+ 06ZU902AA0



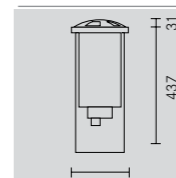
+ 06ZU903AA0



ZUVA 4 Cl. I IP67 230V 50Hz max 4.1 Kg



**06ZU105AA8**  
HS 50W GY 6,35 1260 lm CL 75°C



**06ZU304AA4**  
MT 35W G8,5 3300 lm CRL 80°C



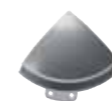
Costituito da quattro petali con due aperture di 12° ciascuno  
Equipped with four petals with double 12° opening  
Bestehend aus vier „Petals“, jedes mit zwei 12° Öffnungen



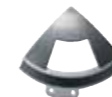
**Accessori Accessories**

Acquistando uno dei due kit petali accessori, è possibile ottenere le configurazioni sottoindicate  
By buying one of the two petals accessories kits, it is possible to obtain the configurations showed hereunder  
Durch den Erwerb eines der zwei Petalzubehörkits ist es möglich die unten genannten Konfigurationen zu bilden.

+ 06ZU901AA0



+ 06ZU902AA0





(IT)

Sistema adatto per l'illuminazione decorativa di aree verdi, aiuole, moli portuali, percorsi pedonali e vialetti.

Struttura in acciaio saldato e zincato.

Sistema di ancoraggio in acciaio saldato e zincato.

Fissaggio a terra per mezzo di viti su basamento in cemento.

Verniciatura con polveri poliesteri di colore sablé 100 Noir.

Su richiesta disponibile la versione colore ruggine corten.

Sorgenti : lampada 35W MT GU6,5 + 1 modulo Led Lite con fascio di colore rosso.

Su richiesta sono disponibili altre combinazioni di colore.

(UK)

*Suitable for decorative lighting of gardens, flowerbeds, routes, paths, wharfs.*

*Main part of the system made of steel sheet, welded and galvanised.*

*Fastening system made of steel sheet, welded and galvanised.*

*Ground fastening by means of screws on cement base.*

*Painting: polyester powders, sablé 100 Noir. Available rusty corten on demand.*

*Light source : lampe 35W MT GU6,5 + 1 Led Lite 1 red colour.*

*Other colour combinations are available on demand.*

(DE)

Geeignet für die ornamentale Beleuchtung von Grünanlagen, Beeten, Hafenmolen, Fußgängerzonen, schmalen Wegen.

Der Körper ist aus geschweisstem und galvanisiertem Stahl.

Das Befestigungssystem ist aus geschweisstem und galvanisiertem Stahl.

Befestigung am Boden durch Schrauben auf einer Basis aus Beton.

Polyesterpulverbeschichtung; Farbe: schwarz sablé.

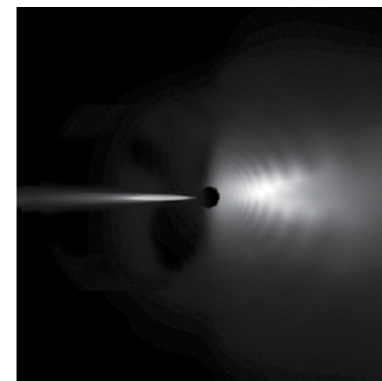
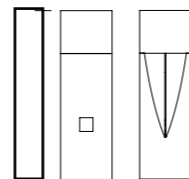
Auf Anfrage ist eine Variante in der Farbe Rost Corten lieferbar.

Lichtquelle: 35W MT GU6,5 + 1 Led Lite rot.

Auf Anfrage sind auch andere Farben möglich.



# PORT ESTRAN



<b>06LL721AD7</b>	70W	MT-PWB	E40	7000 lm
	LED 1x1W	350 mA	-	●



(1)

Sistema adatto per l'illuminazione decorativa di aree verdi, aiuole, moli portuali, percorsi pedonali e vialetti.

Struttura in acciaio saldato e zincato.

Sistema di ancoraggio in acciaio saldato e zincato.

Fissaggio a terra per mezzo di viti su basamento in cemento.

Verniciatura con polveri poliesteri di colore sablé Noir.

Port Paradis Big: sorgente luminosa 3 moduli Led Lite 1 (tot. 6W)

di cui 1 ad emissione spot di colore blu centrale e due ad emissione lama di colore bianco laterali.

Port Paradis Small: sorgente luminosa 2 moduli Led Lite 1 (tot. 4W) ad emissione lama di colore bianco.

Su richiesta sono disponibili altre combinazioni di colore.

Cassetta di cablaggio con grado di protezione IP67.

Dotato di doppio pressacavo per l'ingresso del cavo di alimentazione e del cavo di collegamento al Led Lite.

(UK)

*Suitable for decorative lighting of gardens, flowerbeds, routes, paths, wharfs.*

*Main part of the system made of steel sheet, welded and galvanised.*

*Fastening system made of steel sheet, welded and galvanised. Ground fastening by means of screws on cement base.*

*Painting: polyester powders, sablé Noir.*

*Port Paradis Big: light source 3 Led Lite modules (total 6W), one of which with spot emission in blue, two of which with blade emission in white.*

*Port Paradis Small: light source 2 Led Lite modules (total 4W) with blade emission in white.*

*Other colour combinations are available on demand.*

*Wiring box with IP67 protection degree.*

*It's equipped with double cable-gland for power supply-cable and Led Lite connection cable.*

(DE)

Geeignet für die ornamentale Beleuchtung von Grünanlagen, Beeten, Hafenmolen, Fußgängerzonen, schmalen Wegen.

Der Körper ist aus geschweisstem und galvanisiertem Stahl.

Das Befestigungssystem ist aus geschweisstem und galvanisiertem Stahl. Befestigung am Boden durch Schrauben auf einer Basis aus Beton.

Polyesterpulverbeschichtung; Farbe: schwarz sablé.

Port Paradis Big.

Lichtquelle: 3 LedLite 1 (6 W gesamt) eine mit Spotausstrahlung in blauer Farbe und zwei mit seitlicher Streiflichtausstrahlung in der Farbe weiß.

Port Paradis Small.

Lichtquelle: 2 LedLite 1 (4 W gesamt) mit Streiflichtausstrahlung in der Farbe weiß. Auf Anfrage sind auch andere Farben möglich.

Verkabelungsschott in Schutzart IP67, mit Doppelklemme für den Eingang des Versorgungskabels und der Schaltung des LedLites.

# PORT PARADIS





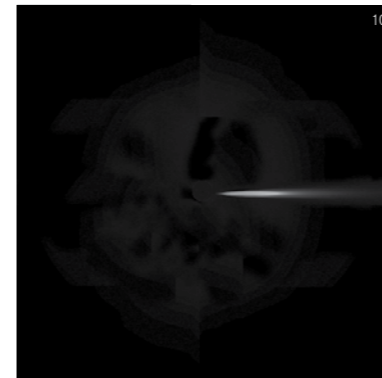
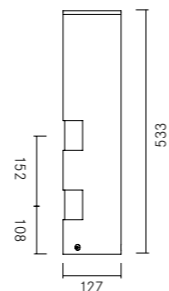
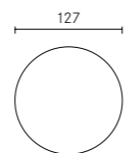
PORT PARADIS

Cl. I IP67 / 03 (borne) 230V 50Hz



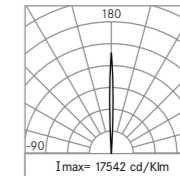
max 28 Kg

PORT PARADIS

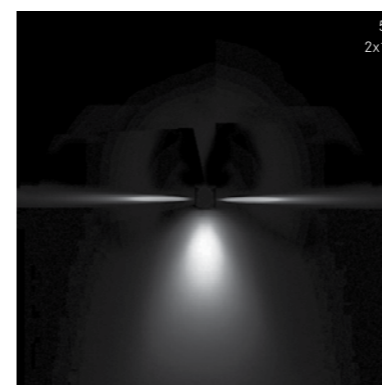
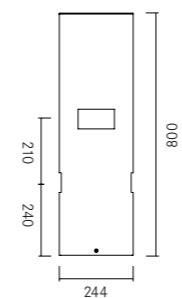
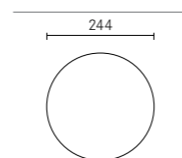


06LL751AD7 Small

LED 2 x 2 x 1w	350mA	4 x 93 lm	<span style="color: yellow;">●</span>
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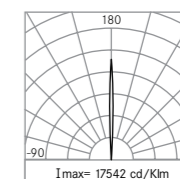


H (m)	Ø (m)	Em(lux)
5	0,35	88
4	0,28	138
3	0,21	243
2	0,14	548
1	0,07	2190

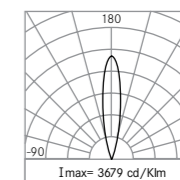


06LL701AD7 Big

LED 2 x 2 x 1w	350mA	4 x 93 lm	<span style="color: yellow;">●</span>
LED 2 x 1w	350mA	2 x 30 lm	<span style="color: blue;">●</span>



H (m)	Ø (m)	Em(lux)
5	0,35	88
4	0,28	138
3	0,21	243
2	0,14	548
1	0,07	2190



H (m)	Ø (m)	Em(lux)
5	1,71	20
4	1,37	30
3	1,03	53
2	0,68	118
1	0,34	473

(IT)

Sistema adatto per l'illuminazione decorativa di aree verdi, aiuole, percorsi pedonali e vialetti.

Struttura in acciaio saldato e zincato.

Sistema di ancoraggio in acciaio saldato e zincato. Fissaggio a terra per mezzo di viti su basamento in cemento.

Verniciatura con polveri poliesteri di colore grigio RAL9006.

Sorgente luminosa: 2 moduli

Ledlite (totale 4W) ad emissione spot e lama di colore bianco.

Cassetta di cablaggio con grado di protezione IP67.

Dotato di pressacavo per l'ingresso del cavo di alimentazione.

(UK)

*Suitable for decorative lighting of gardens, flowerbeds, routes, paths.*

*Main part of the system made of steel sheet, welded and galvanised.*

*Fastening system made of steel sheet, welded and galvanised.*

*Ground fastening by means of screws on cement base.*

*Painting: polyester powders, grey - RAL 9006.*

*Light source: 2 Led Lite modules (total 4W)*

*with spot and blade emission in white*

*Wiring box with IP67 protection degree.*

*It's equipped with cable-gland*

*for power supply-cable.*

(DE)

Geeignet für die ornamentale Beleuchtung von Gärten, Beeten, Fußgängerzonen, schmalen Wegen.

Das System ist aus geschweisstem und galvanisiertem Stahl.

Das Befestigungssystem ist aus geschweisstem und galvanisiertem Stahl.

Befestigung am Boden durch Schrauben auf einer Basis aus Beton.

Polyesterpulverbeschichtung; Farbe: grau RAL9006.

Lichtquelle: 2 LedLite (4W gesamt) Spot- und

Streiflicht-Ausstrahlung in der Farbe weiß.

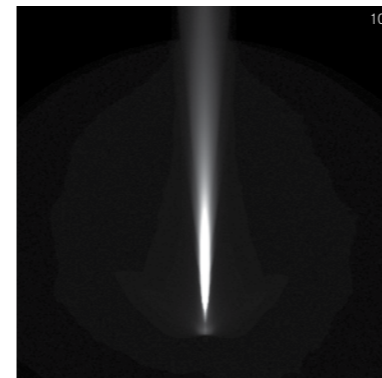
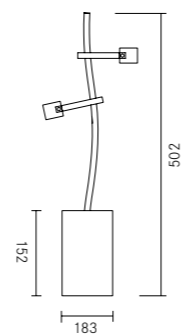
Verkabelungsschott in Schutzart

IP67, mit klemme für den Eingang des

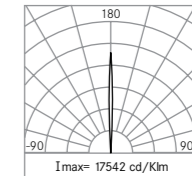
Versorgungskabels.



# LED LITE JARDIN



06LE022K2			
LED 2 x 2 x 1w	350mA	4 x 93 lm	



H (m)	Ø (m)	Em(lux)
5	0.35	88
4	0.28	138
3	0.21	243
2	0.14	548
1	0.07	2190



(IT)

Apparecchio per installazione a terra, ideale per l'illuminazione decorativa di giardini, aiuole, passaggi, percorsi pedonali, vialetti, aree esterne.

Il corpo illuminante è costituito da un diffusore in policarbonato trasparente, frangiluce in alluminio pressofuso cromato, struttura in alluminio pressofuso e tubolare in alluminio estruso con verniciatura in polveri di poliesteri di colore grigio scuro, resistente alla corrosione e alle nebbie saline.

Viti in acciaio INOX. Sorgenti: FSQ 26W, 42W e MT 70W.

Il gruppo di alimentazione per le lampade a scarica è contenuto nel palo al di sotto del vano ottico, esso è elettromagnetico per le lampade a scarica ed elettronico per le lampade fluorescenti compatte.

L'apparecchio è fornito con apposito supporto di ancoraggio a terra.

(UK)

*Fitting for ground installation, ideal for decorative light of gardens, flowerbeds, passages, footpaths, small avenues, external areas.*

*The body is composed by a die-cast aluminium structure and an extruded aluminium tube, painted with polyester powders, dark grey, resistant against corrosion and saline fogs; diffuser in transparent polycarbonate; louver in chrome plated die-cast aluminium, stainless steel screws.*

*Light sources: FSQ 26W, 42W and MT 70W.*

*The power supply group is housed in the pole under the optics compartment; it is electromagnetical for discharge lamps and electronical for fluorescent compact lamps.*

*The fitting is supplied with suitable ground-fastening system.*

(DE)

Leuchte für Boden-Installation, geeignet für die Dekorations-Beleuchtung von Garten, Beeten, Wegen, Fußgängerzonen, schmalen Wegen und Außenbereichen.

Der Leuchtkörper besteht aus einem Diffusor aus transparentem Polycarbonat, chromatisiertem Lichtbrecher mit Aluminium-druckguss Struktur und aus einer röhrenförmigen Struktur aus extrudiertem Aluminium; beide werden mit dunkelgrauen Polyesterpulvern, mit hohem Korrosion und Salznebelschutz, lackiert Schrauben aus Edelstahl.

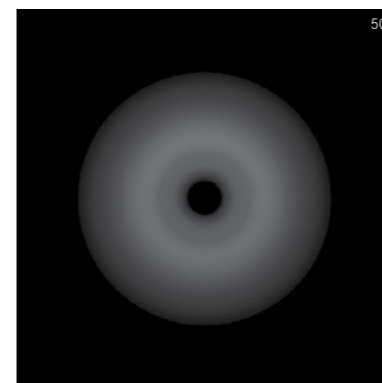
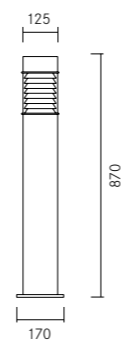
Lichtquellen: FSQ26W, 42W und 70W MT.

Die Versorgungsgruppe für die Entladungslampen befindet sich im Mast unter dem Lichtraum.

Das Gerät ist komplett mit Bodenbefestigungssystem.

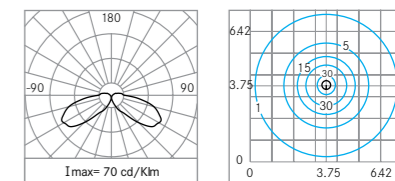
# LONDON





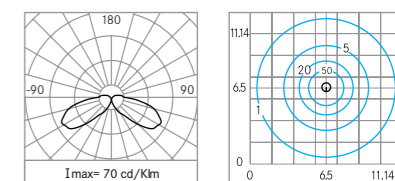
**06VA101AD0**

FSQ 26W Gx24q-3 1800 lm C



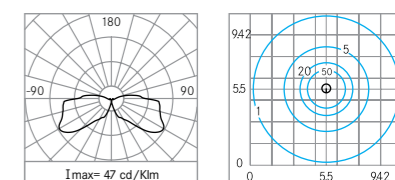
**06VA101AD0**

FSQ 42W Gx24q-4 3200 lm C



**06VA102AD0**

MT 70W E27 6500 lm CR





(IT)

Apparecchio per l'illuminazione decorativa di giardini, aiuole, passaggi, percorsi pedonali, vialetti, aree esterne ed a verde in genere.

Son Tube è un illuminatore a luce diffusa, disponibile in 2 altezze diverse: 200 e 400 mm, composto da un cilindro in policarbonato e un basamento in alluminio verniciato Ral 9006.

Il basamento in alluminio va fissato alla controcassa precedentemente cementata nel terreno, da ordinare separatamente. L'apparecchio è fornito con 1 mt di cavo.

(UK)

*Floodlight for the decoration light of gardens, flowerbeds, passages, footpaths, small avenues, external areas and parks in general.*

*Son Tube is a diffusing light fixture with 2 different heights: 200 and 400 mm, it is composed by two parts: a polycarbonate cylinder and an aluminium base, painted in grey RAL9006. The aluminium base must be fixed to the housing case, which has been previously embedded into the ground. Recessed housing should be purchased separately. The fitting is supplied with a 1m cable.*

(DE)

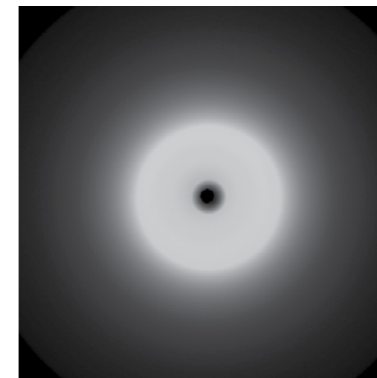
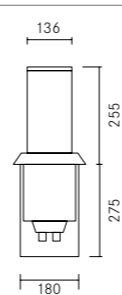
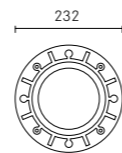
Bodeneinbauleuchte entwickelt für die dekorative Beleuchtung von Gärten, Beeten, Fußgängerzonen, Außenanlagen und Grünanlagen im Allgemeinen.

Son Tube ist eine Leuchte mit Streulicht. Verfügbar in 2 Höhen: 200 und 400 mm., bestehend aus einem Zylinder aus Polikarbonat und ein Basis aus Aluminium, beschichtet in der Farbe RAL9006. Das Basis aus Aluminium wird am Einbaugehäuse (separat zu bestellen) fixiert, das vorher im Boden zementiert wird. Das Gerät wird mit 1 Meter Kabel geliefert.

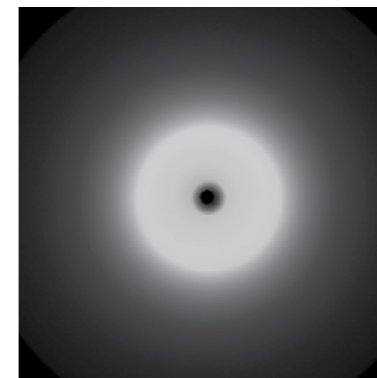
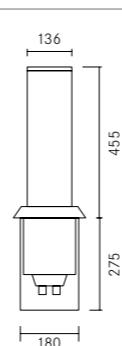
# SON TUBE

Design by Silvio De Ponte & R&S Cariboni Lite  
with the collaboration of Roberta Dimitri





06ST211AA6 h.200				
FSQ	18W	G24-d2	CL	1200 lm



06ST212AA6 h.400				
FSQ	18W	G24-d2	CL	1200 lm



**Accessori Accessories Zubehör**



Pozzetto *Recessed housing* Einbaugehäuse

**600002063** (387 mm\_18W FSQ.)



Filtri colorati *Coloured filter* Farbige Filter

- 06SO921AA0** ●
  - 06SO925AA0** ●
  - 06SO924AA0** ●
  - 06SO922AA0** ●
- (Son Tube 200/400)

(IT)

Incasso professionale down-light per interni. Ideale per l'illuminazione di ambienti commerciali, hall, show-rooms e gallerie commerciali.

Disponibile in 5 differenti misure:

ASTRO 170: diametro del foro

per l'incasso 170 mm

ASTRO 172F: diametro del foro

per l'incasso 172 mm

ASTRO 215F: diametro del foro

per l'incasso 215 mm

ASTRO 215: diametro del foro

per l'incasso 215 mm

ASTRO 305F: diametro del foro

per l'incasso 305 mm

Sorgenti: 70W MD, 150W MT, 100W STH,

150W MD, 2x18W FSQ, 2x26WQ FSQ,

2x42W FSMH, 2x57W FSMH, 70W FSMH.

Corpo e riflettore: in policarbonato

con trattamento riflettente ottenuto per

deposizione in alto vuoto di alluminio

purissimo. Cornice di chiusura: in

pressofusione di alluminio di colore bianco

RAL9010 o grigio RAL9006.

Componenti elettrici: da ordinare

separatamente. Disponibile versione di

prodotto per l'illuminazione d'emergenza.

(UK)

*Professional recessed down-light for indoor use. Specially suitable to light commercial areas, halls show rooms and galleries.*

*Five different sizes are available:*

*ASTRO 170: recessed cut-out*

*diameter 170 mm*

*ASTRO 172F: recessed cut-out*

*diameter 172 mm*

*ASTRO 215F: recessed cut-out*

*diameter 215 mm*

*ASTRO 215: recessed cut-out*

*diameter 215 mm*

*ASTRO 305F: recessed cut-out*

*diameter 305 mm*

*Light sources: 70W MD, 150W MT, 100W STH,*

*150W MD, 2x18W FSQ, 2x26WQ FSQ, 2x42W*

*FSMH, 2x57W FSMH, 70W FSMH.*

*Body and reflector: in polycarbonate, with special reflecting treatment, which is obtained by very pure aluminium laying in high vacuum.*

*Closure frame: die-cast aluminium, possible*

*colours white RAL 9010 or grey RAL 9006.*

*Electrical components: should be*

*purchased separately.*

*A version for emergency lighting is available*

(DE)

Professioneller Downlight Einbaustrahler, ideal für die Beleuchtung von kommerziellen Flächen, Ausstellungsräumen, Gallerien und Präsentationsräumen.

Verfügbar in 5 verschiedenen Durchmessern:

ASTRO 172F: Durchmesser der

Einbauöffnung 172 mm

ASTRO 170: Durchmesser der Einbauöffnung

170 mm

ASTRO 215F: Durchmesser der

Einbauöffnung 215 mm

ASTRO 215 : Durchmesser der Einbauöffnung

215 mm

ASTRO 305F : Durchmesser der

Einbauöffnung 305 mm

Lichtquelle: 70W MD, 150W MT, 100W

STH, 150W MD, 2x18W FSQ, 2x26WQ FSQ,

2x42W FSMH, 2x57W FSMH, 70W FSMH.

Körper und Reflektor aus Polykarbonat,

reflektierend dank Ablagerung von

Reinstaluminium im Hochdruckverfahren

Verschlußrahmen : aus Aluminiumdruckguß

in den Farben weiß RAL9010 oder grau

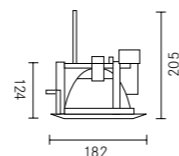
RAL9006

Elektrische Komponenten : sind separat zu

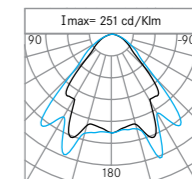
bestellen

Eine Notlichtversion ist verfügbar.

# ASTRO

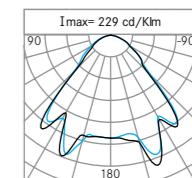


<b>06A0001K0</b>			
<b>06A0001N0</b>			
MD	70W	RX7s	NC



H (m)	Ø (m)	Em(lux)
1	1,72	481
2	3,45	120
3	5,17	53
4	6,90	30
5	8,62	19

<b>06A0003K0</b>			
<b>06A0003N0</b>			
MT	150W	G12	NC



H (m)	Ø (m)	Em(lux)
1	1,90	1034
2	3,79	259
3	5,69	115
4	7,59	65
5	9,48	41

Alimentazione elettromagnetica  
Electromagnetic control gear  
Elektromagnetische Versorgung

Colori Colours Farben



Grigio  
Gray  
Grau

Bianco  
White  
Weiß



Accessori Accessories Zubehör



Vetro decorativo temprato con anello in alluminio  
Decorative toughened glass with aluminium ring  
Gehärtetes Dekorglas mit Aluminiumring

**06A0991N0**  
bianco RAL9010 white RAL 9010 Weiß RAL 9010

**06A0991K0**  
grigio RAL9006 grey RAL 9006 Grau RAL 9006



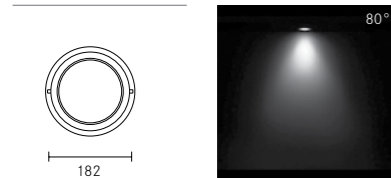
Cavetto con morsetti  
Cable with terminals  
Kabel mit Klemmen

**06A0980N0**  
A innesto rapido per connessione tra box e apparecchio  
For rapid connection between wiring box and the fitting  
Kabel mit Schnellsteck-Klemmen für den Anschluss zwischen Box und Strahler



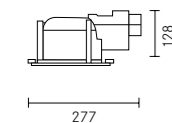
Unita' elettrica 70W MD Control gear 70W MD  
Elektrische box 70W MD  
**06A0981N0** (X 115mm, Y 108mm, Z 380mm)

Unita' elettrica 150W MD Control gear 150W MD  
Elektrische box 150W MD  
**06A0983N0** (X 115mm, Y 108mm, Z 380mm)



<b>06AO011K6</b>					
<b>06AO011N6</b>					
FSQ	2x18W	G24q-2	2x1200lm	CRL	

H (m)	Ø (m)	Em(lux)
1	1,72	481
2	3,45	120
3	5,17	53
4	6,90	30
5	8,62	19



<b>06AO013K6</b>					
<b>06AO013N6</b>					
FSQ	2x18W	G24q-2	2x1200lm	CRL	
Emergenza Emergency Notfall					

H (m)	Ø (m)	Em(lux)
1	1,72	481
2	3,45	120
3	5,17	53
4	6,90	30
5	8,62	19

Alimentazione elettronica integrata  
Integrated electronic control gear  
Integrierte elektronische Versorgung

Accessori Accessories Zubehör



Vetro decorativo temprato con anello in alluminio  
Decorative toughened glass with aluminium ring  
Gehärtetes Dekorglas mit Aluminiumring

**06A0991N0**  
bianco RAL9010 white RAL 9010 Weiß RAL 9010

**06A0991K0**  
grigio RAL9006 grey RAL 9006 Grau RAL 9006

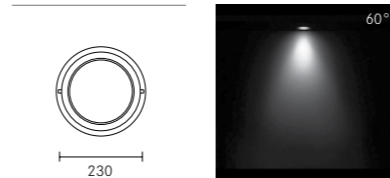


Cavetto con morsetti  
Cable with terminals  
Kabel mit Klemmen

**06A0980N0**  
A innesto rapido per connessione tra box e apparecchio  
For rapid connection between wiring box and the fitting  
Kabel mit Schnellsteck-Klemmen für den Anschluss zwischen Box und Strahler

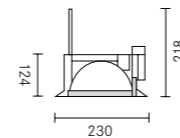


Unita' elettrica 1X18W FSQ Control gear 1X18W FSQ  
Elektrische box 70W MD  
**06A0988N0** (X 106mm, Y 90mm, Z 325mm)



<b>06AO021K0</b>			
<b>06AO021N0</b>			
MD	70W	RX7s	5000lm NC

H (m)	Ø (m)	Em(lux)
1	0,90	1553
2	1,80	388
3	2,70	173
4	3,60	97
5	4,50	62



<b>06AO022K0</b>			
<b>06AO022N0</b>			
STH	100W	PG12	4800lm NC

H (m)	Ø (m)	Em(lux)
1	1,08	800
2	2,16	200
3	3,24	89
4	4,32	50
5	5,41	32

<b>06AO023K0</b>			
<b>06AO023N0</b>			
MD	150W	RX7s	5000lm NC

H (m)	Ø (m)	Em(lux)
1	1,53	1255
2	3,06	314
3	4,59	139
4	6,12	78
5	7,65	50

Alimentazione elettromagnetica  
Electromagnetic control gear  
Elektromagnetische Versorgung

Accessori Accessories Zubehör



Vetro decorativo temprato con anello in alluminio  
Decorative toughened glass with aluminium ring  
Gehärtetes Dekorglas mit Aluminiumring

**06A0992N0**  
bianco RAL9010 white RAL 9010 Weiß RAL 9010

**06A0992K0**  
grigio RAL9006 grey RAL 9006 Grau RAL 9006



Unita' elettrica 70W MD Control gear 70W MD  
Elektrische box 70W MD  
**06A0981N0** (X 115mm, Y 108mm, Z 380mm)

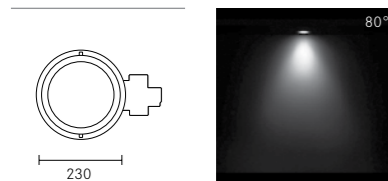
Unita' elettrica 100W MD Control gear 100W MD  
Elektrische box 100W MD  
**06A982N0** (X 115mm, Y 108mm, Z 380mm)

Unita' elettrica 150W MD Control gear 150W MD  
Elektrische box 150W MD  
**06A0983N0** (X 115mm, Y 108mm, Z 380mm)

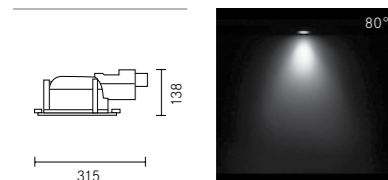
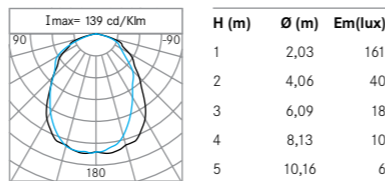


Cavetto con morsetti  
Cable with terminals  
Kabel mit Klemmen

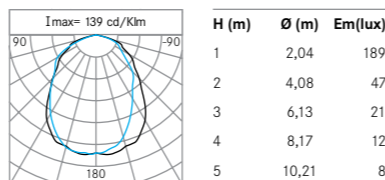
**06A0980N0**  
A innesto rapido per connessione tra box e apparecchio  
For rapid connection between wiring box and the fitting  
Kabel mit Schnellsteck-Klemmen für den Anschluss zwischen Box und Strahler



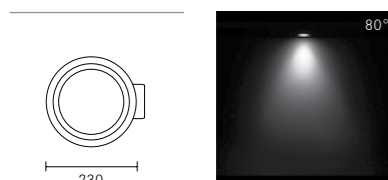
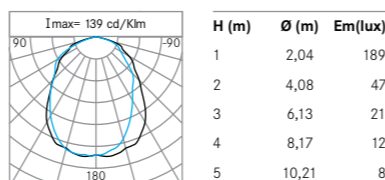
<b>06AO031K6</b>					
<b>06AO031N6</b>					
FSQ	2x18W	G24q-2	2x1200lm	CRL	



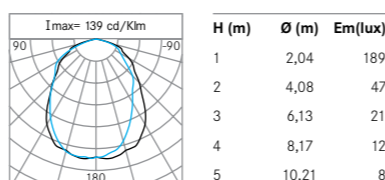
<b>06AO032K6</b>					
<b>06AO032N6</b>					
FSQ	2x26W	G24q-3	2x1800lm	CRL	



<b>06AO033K6</b>					
<b>06AO033N6</b>					
FSQ	2x26W	G24q-3	2x1800lm	CRL	
Emergenza <i>Emergency</i> Notfall					



<b>06AO036K0*</b>					
<b>06AO036N0*</b>					
FSQ	2x26W	G24q-3	2x1800lm	CR	



Alimentazione elettronica integrata  
*Integrated electronic control gear*  
 Integrierte elektronische Versorgung

\*Alimentazione elettromagnetica  
 \**Electromagnetic control gear*  
 \*Elektronische Versorgung

**Accessori Accessories Zubehör**

Vetro decorativo temprato con anello in alluminio  
*Decorative toughened glass with aluminium ring*  
 Gehärtetes Dekorglas mit Aluminiumring  
**06A0992N0**  
 bianco RAL9010 *white RAL 9010* Weiß RAL 9010

**06A0992K0**  
 Grigio RAL9006 *Grey RAL 9006*

Cavetto con morsetti  
*Cable with terminals*  
 Kabel mit Klemmen

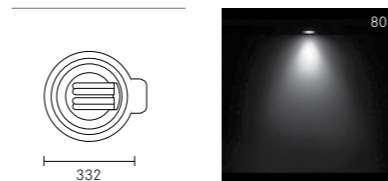
**06A0980N0**  
 A innesto rapido per connessione tra box e apparecchio  
*For rapid connection between wiring box and the fitting*  
 Kabel mit Schnellsteck-Klemmen für den Anschluss zwischen Box und Strahle



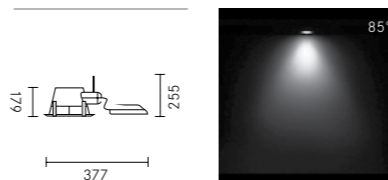
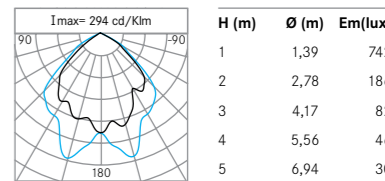
Unita' elettrica 1X18W FSQ  
*Control gear 1X18W FSQ*  
 Elektrische box 1X18W FSQ  
**06A0988N0** (X 106mm, Y 90mm, Z 325mm)



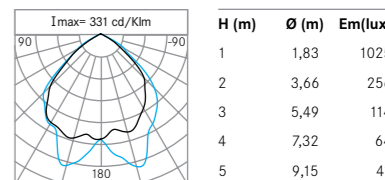
Unita' elettrica 2X26W FSQ  
*Control gear 2X26W FSQ*  
 Elektrische box 2X26W  
**06A0996N0** (X 100mm, Y 51.5mm, Z 243mm)



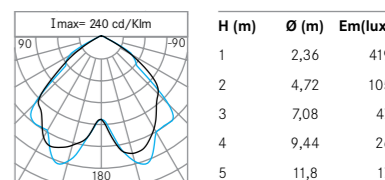
<b>06AO041K6</b>					
<b>06AO041N6</b>					
FSQ	2x42W	G24q-4	2x3200 lm	CRL	



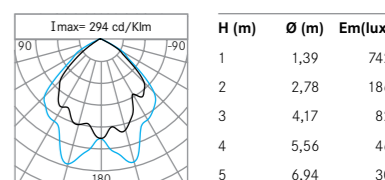
<b>06AO042K6</b>					
<b>06AO042N6</b>					
FSMH	2x57W	G24q-5	2x4300 lm	CRL	



<b>06AO043K6</b>					
<b>06AO043N6</b>					
FSMH	70W	GX24q-6	5200 lm	CRL	



<b>06AO044K6</b>					
<b>06AO044N6</b>					
FSMH	2X42W	GX24q-4	2x3200 lm	CRL	
Emergenza <i>Emergency</i> Notfall					



Alimentazione elettronica  
*Electronic control gear*  
 Elektronische Versorgung

**Accessori Accessories Zubehör**

Unita' elettrica 2X42W FSMH *Control gear 2X42W FSMH*  
 Elektrische box 2x42W FSMH  
**06A0985N0** (X 112mm, Y 62.5mm, Z 249mm)

Unita' elettrica 2X57W FSMH *Control gear 2X57W FSMH*  
 Elektrische box 2x57W FSMH  
**06A0986N0** (X 112mm, Y 62.5mm, Z 249mm)

Unita' elettrica 1X70W FSMH *Control gear 1X70W FSMH*  
 Elektrische box 1X70W FSMH  
**06A0987N0** (X 112mm, Y 62.5mm, Z 249mm)

(I)

Apparecchio adatto per l'installazione a sospensione.

Ideale per negozi, centri commerciali, hall di alberghi, uffici e chiese, scalinate e corridoi.

Sorgenti: 70W MT, max 100W E27.

Emissione di luce diretta-indiretta.

Sistema a sospensione costituito da rosone per applicazione a soffitto, cavo di alimentazione e cavo di acciaio per la sospensione.

Corpo in alluminio di colore grigio metallizzato, diffusore trasparente in tecnopolimero trasparente Ø 427mm.

(UK)

*This fitting is suitable for suspension installation.*

*Ideal for shops, commercial areas, hotels' halls, offices and churches, stairs and corridors.*

*Light sources: 70W MT, max 100W E27.*

*Direct / indirect emission of light.*

*Suspension system includes: ceiling wire cover, supply cable and steel wire for suspension.*

*Body: metal grey colour aluminum Ø 427mm transparent technopolymer refractor.*

(DE)

Aufhängeleuchte, geeignet für die Installation in Verkaufsflächen, Büros, Hotelhallen, Kirchen, Treppen und Korridoren.

Lichtquelle : 70W MT, max 100W E27

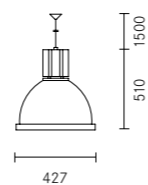
Direkte - Indirekte Ausstrahlung.

Das Aufhängesystem besteht aus der Rosette zur Befestigung an der Decke und aus dem Kabel für die Versorgung.

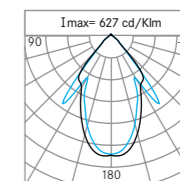
Körper aus metalgrauem Aluminium; transparenter Reflektor Ø 427mm.



# LIBELLULA



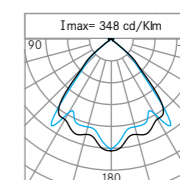
061B010K4					
MT	70W	4900 lm	G12	CRL	



H (m)	Ø (m)	Em(lux)
1	1,14	2207
2	2,29	552
3	3,43	245
4	4,57	138
5	5,72	88



061B010K4*					
MT	70W	4900 lm	G12	CRL	
Con lente <i>With Lens</i>					



H (m)	Ø (m)	Em(lux)
1	1,88	956
2	3,77	239
3	5,65	106
4	7,54	60
5	9,42	38

061B006K0		
MAX 100W	E27	NC

Accessori Accessories Zubehör



\*Lente Vda *Vda Lens* Linse VDA

061B901K0





(IT)

Serie di proiettori ideale per l'illuminazione di cortili, chiese, impianti sportivi, vetrine, cartelli pubblicitari, parcheggi, facciate di palazzi.  
Sorgenti: 250-400W MT, 100-150-250-400W ST, 150W MD.  
Ottiche: disponibili nelle versioni con fascio simmetrico ed asimmetrico.  
Corpo e telaio: pressofusione in lega di alluminio UNI 46100, verniciato di colore grigio metallizzato RAL 9006.  
Chiusura: vetro piano temperato spessore 4 mm.  
Il preciso puntamento del proiettore è assicurato da una scala goniometrica predisposta in corrispondenza del fissaggio della staffa.

(UK)

*A range of floodlights suitable to light courtyards, churches, athletic facilities, display windows, advertisement billboards, parking lots, building façades.*  
*Light sources: 250-400W MT, 100-150-250-400W ST, 150W MD.*  
*Optics: available both in asymmetrical and symmetrical version.*  
*Body and frame: die cast aluminium alloy UNI 46100, painted in metal grey RAL9006.*  
*Closure: flat toughened glass, 4 mm thick.*  
*Precise aiming of floodlight is achieved by a graduated goniometer mounted onto the bracket fixing.*

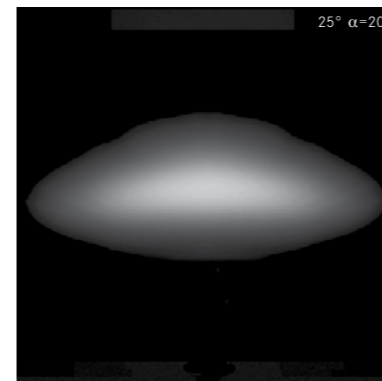
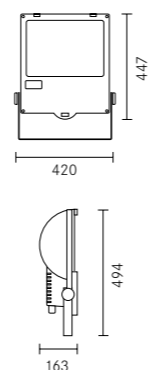
(DE)

Strahlerserie geeignet für die Beleuchtung von Innenhöfen, Kirchen, Sportanlagen, Schaufenstern, Reklameschildern, Parkplätzen und Gebäudefassaden.  
Lichtquelle : 250-400W MT, 100-150-250-400W ST, 250W QE, 150W MD.  
Optik : symmetrisch oder asymmetrisch.  
Gehäuse und Verschlußrahmen : hochwertige Aluminiumdruckgußlegierung UNI 46100, Farbe Metallgrau RAL 9006.  
Verschluß : gehärtetes Flachglas, Stärke 4 mm.  
Die präzise Ausrichtung des Strahlers wird von einer Winkelmesskala an der Bügelbefestigung gewährleistet.

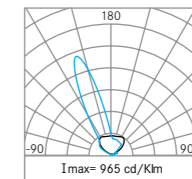
# SET

Design by R&S Cariboni Lite



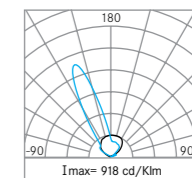


06S4024_2					
ST	250W	E40	CRL	Scx : 0,16 m²	
Asimmetrico <i>Asymmetrical</i> Asymmetrisch					



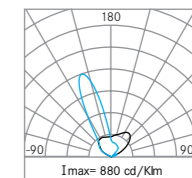
H (m)	axb (m)	Em(lux)
10	4x19.4	110
8	3.2x15.5	171
6	2.4x11.6	305
4	1.6x7.7	685
2	0.8x3.9	2741

06S4025_2					
ST	400W	E40	CRL	Scx : 0,16 m²	
Asimmetrico <i>Asymmetrical</i> Asymmetrisch					



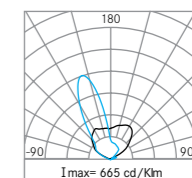
H (m)	axb (m)	Em(lux)
10	4.2x18.2	183
8	3.3x14.6	286
6	2.5x10.9	509
4	1.7x7.3	1144
2	0.8x3.6	4577

06S4027_4					
MT	250W (2,15 A)	E40	CRL	Scx : 0,16 m²	
Asimmetrico <i>Asymmetrical</i> Asymmetrisch					

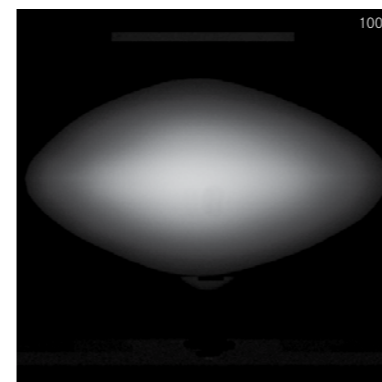


H (m)	axb (m)	Em(lux)
10	4.4x22.1	68
8	3.5x17.6	107
6	2.6x13.2	189
4	1.8x8.8	426
2	0.9x4.4	1704

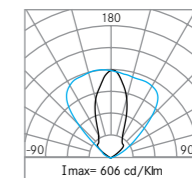
06S4028_4					
MT	400W (3,25 A)	E40	CRL	Scx : 0,16 m²	
Asimmetrico <i>Asymmetrical</i> Asymmetrisch					



H (m)	axb (m)	Em(lux)
10	5.7x22.7	86
8	4.5x18.2	135
6	3.4x13.6	239
4	2.3x9.1	539
2	1.1x4.5	2155

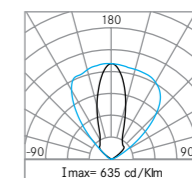


06S4004_2					
ST	250W	E40	CRL	Scx : 0,16 m²	
Simmetrico <i>Symmetrical</i> Symmetrisch					



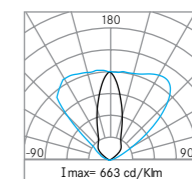
H (m)	axb (m)	Em(lux)
10	7.4x21.2	72
8	5.9x17	113
6	4.5x12.7	201
4	3x8.5	452
2	1.5x4.2	1808

06S4005_2					
ST	400W	E40	CRL	Scx : 0,16 m²	
Simmetrico <i>Symmetrical</i> Symmetrisch					



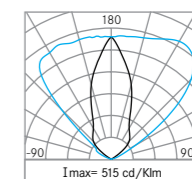
H (m)	axb (m)	Em(lux)
10	6.1x19.9	141
8	4.9x15.9	221
6	3.7x11.9	393
4	2.5x7.9	884
2	1.2x4	3536

06S4007_4					
MT	250W (2,15 A)	E40	CRL	Scx : 0,16 m²	
Simmetrico <i>Symmetrical</i> Symmetrisch					



H (m)	axb (m)	Em(lux)
10	5.9x24.4	53
8	4.8x19.5	83
6	3.6x14.6	147
4	2.4x9.7	331
2	1.2x4.9	1326

06S4008_4					
MT	400W (3,25 A)	E40	CRL	Scx : 0,16 m²	
Simmetrico <i>Symmetrical</i> Symmetrisch					



H (m)	axb (m)	Em(lux)
10	7x24.3	69
8	5.6x19.5	108
6	4.2x14.6	191
4	2.8x9.7	430
2	1.4x4.9	1721

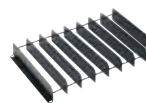
**Accessori Accessories Zubehör**

Griglia *Grid* Schutzgitter



06S4999C0

Frangiluce *Louver* Lamellenblende



06S4997C0

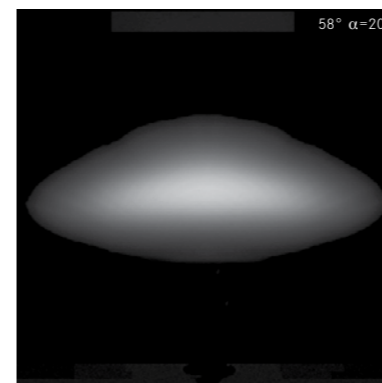
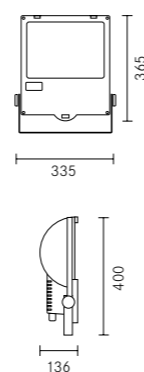
Visiera *Barn door* Blendschutzkappe



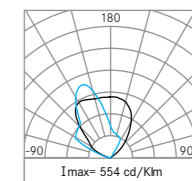
06S4998C0



Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 R = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 C = nero RAL 9005 black RAL 9005 schwarz RAL 9005

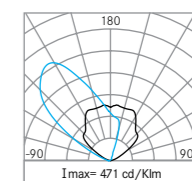


06S5011_2					
ST	100W	E40	CRL	Scx : 0,14 m²	
Asimmetrico <i>Asymmetrical</i> Asymmetrisch					



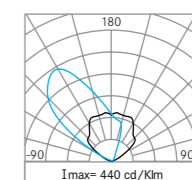
H (m)	axb (m)	Em(lux)
10	17.1x20.4	13
8	13.7x16.3	20
6	10.3x12.3	36
4	6.8x8.2	81
2	3.4x4.1	323

06S5029_2					
SD	150W	Rx7s	CRL	Scx : 0,14 m²	
Asimmetrico <i>Asymmetrical</i> Asymmetrisch					



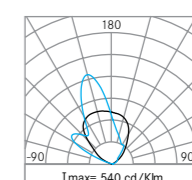
H (m)	axb (m)	Em(lux)
10	13.3x33	16
8	10.6x26.4	25
6	8x20	45
4	5.3x13.2	102
2	2.7x6.6	407

06S5041_4					
MD	150W	Rx7s	CRL	Scx : 0,14 m²	
Asimmetrico <i>Asymmetrical</i> Asymmetrisch					

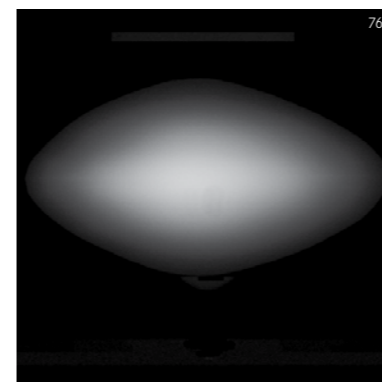


H (m)	axb (m)	Em(lux)
10	13.3x33	12
8	10.6x26.4	19
6	8x19.8	33
4	5.3x13.2	75
2	2.7x6.6	298

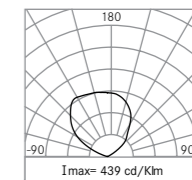
06S5021_2					
ST	150W	E40	CRL	Scx : 0,14 m²	
Asimmetrico <i>Asymmetrical</i> Asymmetrisch					



H (m)	axb (m)	Em(lux)
10	6.7x18.2	33
8	5.4x14.5	52
6	4x11	92
4	2.7x7.3	207
2	1.3x3.6	827

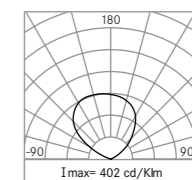


06S5013_2					
ST	100W	E40	CRL	Scx : 0,14 m²	
Simmetrico <i>Symmetrical</i> Symmetrisch					



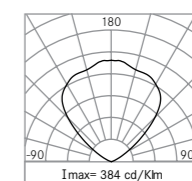
H (m)	axb (m)	Em(lux)
10	15.6x9.9	22
8	12.5x7.9	34
6	9.4x6	61
4	6.3x4	137
2	3.1x2	549

06S5023_2					
ST	150W	E40	CRL	Scx : 0,14 m²	
Simmetrico <i>Symmetrical</i> Symmetrisch					



H (m)	axb (m)	Em(lux)
10	15.6x14.8	26
8	12.5x11.9	41
6	9.3x8.9	72
4	6.2x5.9	162
2	3.1x3	649

06S5043_4					
MD	150W	Rx7s	CRL	Scx : 0,14 m²	
Simmetrico <i>Symmetrical</i> Symmetrisch					



H (m)	axb (m)	Em(lux)
10	13.5x21.7	17
8	10.8x17.3	27
6	8x13	48
4	5.4x8.7	107
2	2.7x4.3	428



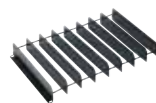
Accessori *Accessories* Zubehör

Griglia *Grid* Schutzgitter



06S5994C0

Frangiluce *Louver* Lamellenblende



06S5996C0

Visiera *Barn door* Blendschutzkappe



06S5995C0

Per definizione colore nel codice sostituire “\_” con  
 In order to define the colour of the fitting, replace “\_” in the codes with  
 Um die Farbe der Leuchte zu bestimmen, in der Kodenummer ersetzen Sie “\_” mit  
 R = grigio RAL 9006 grey RAL 9006 grau RAL 9006  
 C = nero RAL 9005 black RAL 9005 schwarz RAL 9005

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