N3

LAMP CONCEPT
LIGHTING

Cariboni
group

LAMP CONCEPT

N3

Cariboni
group

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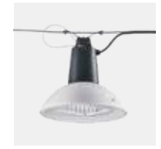
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Associations

AIDI

Associazione Italiana di Illuminazione.

Company of Italian Lighting Association.

assil

Associazione Nazionale Produttori Illuminazione.

National Association Lighting Manufacturer.

FLA

FEDERLEGNOARREDO

Assoluce, associazione di FederlegnoArredo cui aderiscono le aziende italiane produttrici di apparecchi di illuminazione.

Assoluce, an association of FederlegnoArredo whose members are Italian lighting manufacturers.

UNIONE ASTROFILI ITALIANI

UAI: Certificazione rilasciata dall'Associazione Unione Astrofii Italiani agli apparecchi valutati anti-inquinamento luminoso.

UAI: Certification issued b y the Italian Astronomy Lovers Union association for those fixtures which are esteemed as "anti-lighting-pollution".

ECOLIGHT
EFFICIENZA E PROFESSIONALITA' PER L'AMBIENTE

Consorzio per la raccolta e lo smaltimento delle apparecchiature di illuminazione.

Consortium for collection and waste of lighting system equipments.

Società Italiana Gallerie
Italian Tunnelling Society

Società Italiana Gallerie.

Italian Tunnelling Society.

ACE

Associazione francese dei designer della luce e dell'illuminazione.

Company of French Lighting designer 's Association.

CONFINDUSTRIA

Confederazione generale dell'industria italiana.

General Confederation of Italian Industry

UNI ENTE ITALIANO DI NORMAZIONE

UNI Ente Nazionale Italiano di normazione.

UNI Italian National Standardization Authotity.


Cariboni
group

Una forte passione per la luce e un costante impegno nella ricerca e nell’innovazione

Cariboni è stata fondata da Osvaldo Cariboni nel 1908 in Lombardia per produrre accessori per linee elettriche. Dal 1965 l’azienda sviluppa con originalità importanti innovazioni tecnologiche nel settore dell’illuminazione e ha acquisito nel tempo profonda esperienza nella gestione dei corpi illuminanti.

Ci distingue una forte passione per la luce e un costante impegno nella ricerca e nell’innovazione.

Offriamo soluzioni per l’illuminazione di piccoli borghi e grandi città: piste ciclabili e pedonali, percorsi veicolari, piazze, aree verdi e architetture; spazi per il lavoro e il tempo libero, per la cultura e il benessere, per lo sport e la mobilità.

Ogni nostra soluzione é un sistema coerente che consente al progettista di combinare differenti distribuzioni fotometriche, metodi di fissaggio e opzioni di gestione del flusso luminoso per rispondere al meglio a ogni esigenza.

Cariboni was founded by Osvaldo Cariboni in 1908 in Lombardy to produce accessories for power lines. Since 1965 the company has developed numerous important and original technological lighting sector innovations, as well as gaining in-depth experience in light system management.

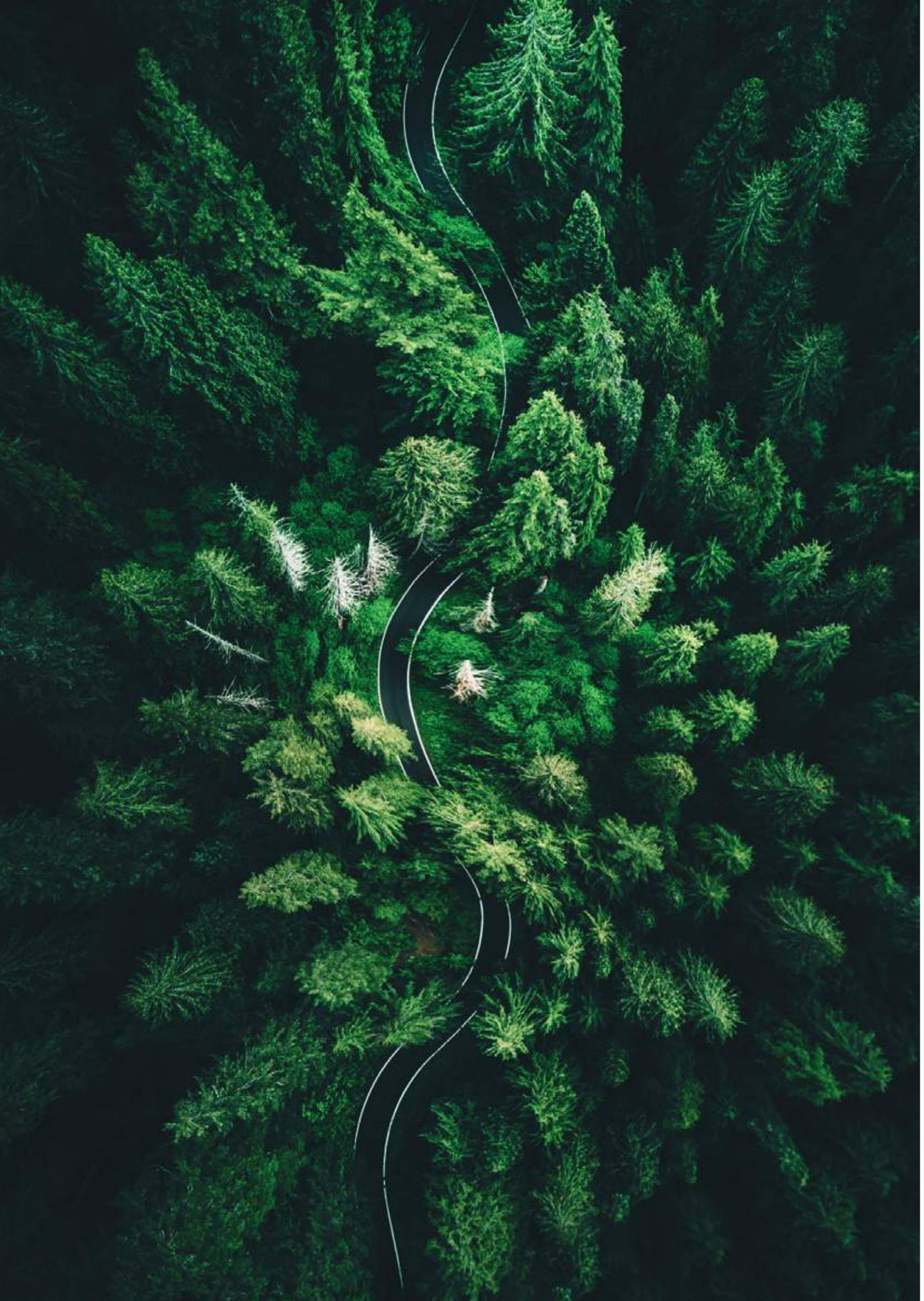
A genuine passion for lighting and a constant commitment to research and innovation are our cutting edge.

We offer solutions for lighting small towns and big cities: cycle and pedestrian paths, vehicle routes, squares, parks and gardens, architectures; workspaces and areas for leisure, culture and well-being, for sport and mobility.

All our solutions are part of a cohesive system that allows designers to combine different photometric distributions, installation methods and light flow management options to meet every single requirement more effectively.

A genuine passion for lighting and a constant commitment to research and innovation





> Proteggere la notte e preservare i naturali ritmi biologici di flora e fauna

Sostenibilità sociale e ambientale

Riconosciamo come valore fondamentale la gentilezza, sia verso il territorio in cui operiamo che nei confronti dell'intero pianeta e di tutta la vita che lo abita. Collaboriamo con enti e istituzioni locali a vantaggio della comunità di cui ci sentiamo parte. Sosteniamo eccellenze nazionali, soprattutto negli ambiti della creatività e della ricerca tecnologica.

Valutiamo ogni scelta progettuale e produttiva nel rispetto dell'ambiente. Realizziamo sistemi d'illuminazione in grado di ottimizzare i consumi energetici e illuminare solo dove e quando la luce serve. Limitiamo l'inquinamento luminoso per proteggere la notte e preservare i naturali ritmi biologici di flora e fauna. I nostri prodotti sono durevoli e affidabili e in ogni fase di sviluppo ottimizziamo l'uso di materiali e risorse.

Social and environmental sustainability

We acknowledge that consideration is a fundamental value, not just for the area where we operate, but for the entire planet and all the life that occupies it. We collaborate with local authorities and institutions to benefit the community we feel part of. We support national excellence, especially in the areas of creativity and technological research.

Every design and production decision we make is based on an assessment of its capacity to respect the environment, and we make lighting systems that optimise energy consumption and only illuminate when and where light is needed. We limit light pollution to protect the night and conserve the natural biological rhythms of flora and fauna. Our products are durable and reliable, and we rationalise the use of materials and resources throughout every stage of development.

> Protect the night and conserve the natural biological rhythms of flora and fauna

Made in Italy

Tutte le fasi di progettazione e produzione si svolgono da sempre in Italia, negli stessi luoghi in cui abbiamo iniziato nel 1908, e in sinergia con una fitta rete di imprese locali con cui abbiamo instaurato nel tempo solide relazioni di fiducia. Consideriamo importante circoscrivere le attività nel nostro territorio per poter incontrare i nostri collaboratori.

Promuoviamo il “Made in Italy” proponendo innovazione e qualità nell’illuminazione urbana e nutrendo il nostro saper fare.

Made in Italy

All stages of design and production have always taken place in Italy, in the same places where we started in 1908, in synergy with a tight network of local companies with which we have established solid relationships of trust over time. We consider it important to limit activities to the local area so that we can meet with our collaborators.

We promote "Made in Italy" by offering innovative, high-quality urban lighting and by nurturing our know-how.



Progettazione ottica

Il sistema ottico di un apparecchio permette di plasmare la luce emessa dalla sorgente ed è l'essenza dei nostri prodotti. Sviluppiamo ottiche dedicate alle differenti geometrie urbane e siamo attenti alle esigenze di ogni area geografica di nostro interesse. Il progetto di ogni sistema ottico è seguito da un team interno composto da risorse specializzate in ottica, optoelettronica e ricerca di materiali che collabora con Optics Lite, la società del gruppo che si occupa dal 2004 della progettazione e della produzione di ottiche per il settore illuminotecnico.

Optical design

The optical system of a light fitting is able to mould the light emitted by the source, making it the essence of our products. We develop optics dedicated to the different urban geometries and are sensitive to the needs of every geographical area we are involved in. The design of each optical system is followed by an internal team made up of resources specialising in optics, optoelectronics and material research, which collaborates with Optics Lite, the group company that has been involved in designing and producing optics for the lighting sector since 2004.

Ricerca, Sviluppo e Validazioni

Il design dei nostri prodotti consiste in un progetto integrato di aspetti ottici, elettronici e meccanici. Definiamo aspetti formali e funzionali dopo un'attenta analisi dei possibili contesti applicativi e la valutazione delle relazioni che il sistema di illuminazione avrà con le persone e con l'ambiente. Negli ultimi anni, grazie alla crescente esperienza e allo sviluppo tecnologico, abbiamo incrementato i livelli di robustezza sia dal punto di vista meccanico che elettrico. Nei nostri laboratori eseguiamo test di validazioni a condizioni estreme per una maggiore garanzia di affidabilità.

Research, Development and Validation

Our products are based on the integrated design of optical, electronic and mechanical aspects. We define formal and functional aspects after carefully analysing possible application contexts and assessing how the lighting system will interact with people and the environment. Growing experience and technological development in recent years has allowed us to increase both the mechanical and electrical robustness of our products. In our laboratories, we perform validation tests under extreme conditions to guarantee greater reliability.development process improves information and material flows for greater speed and production flexibility.





Processo produttivo

Esercitiamo accurati controlli della corretta esecuzione di ogni fase e adoperiamo linee di assemblaggio automatizzate che garantiscono la ripetibilità e la correttezza delle operazione di montaggio. Un software per la gestione dei processi logistici mappa i flussi di materiale. I controlli dei materiali in ingresso vengono effettuati secondo piani statistici e tramite una valutazione del grado di servizio dei fornitori. I controlli funzionali e di sicurezza sono eseguiti sul 100% dei prodotti. La tracciabilità e la rintracciabilità di componenti e prodotti finiti è garantita da un sistema di identificazione seriale.

Production process

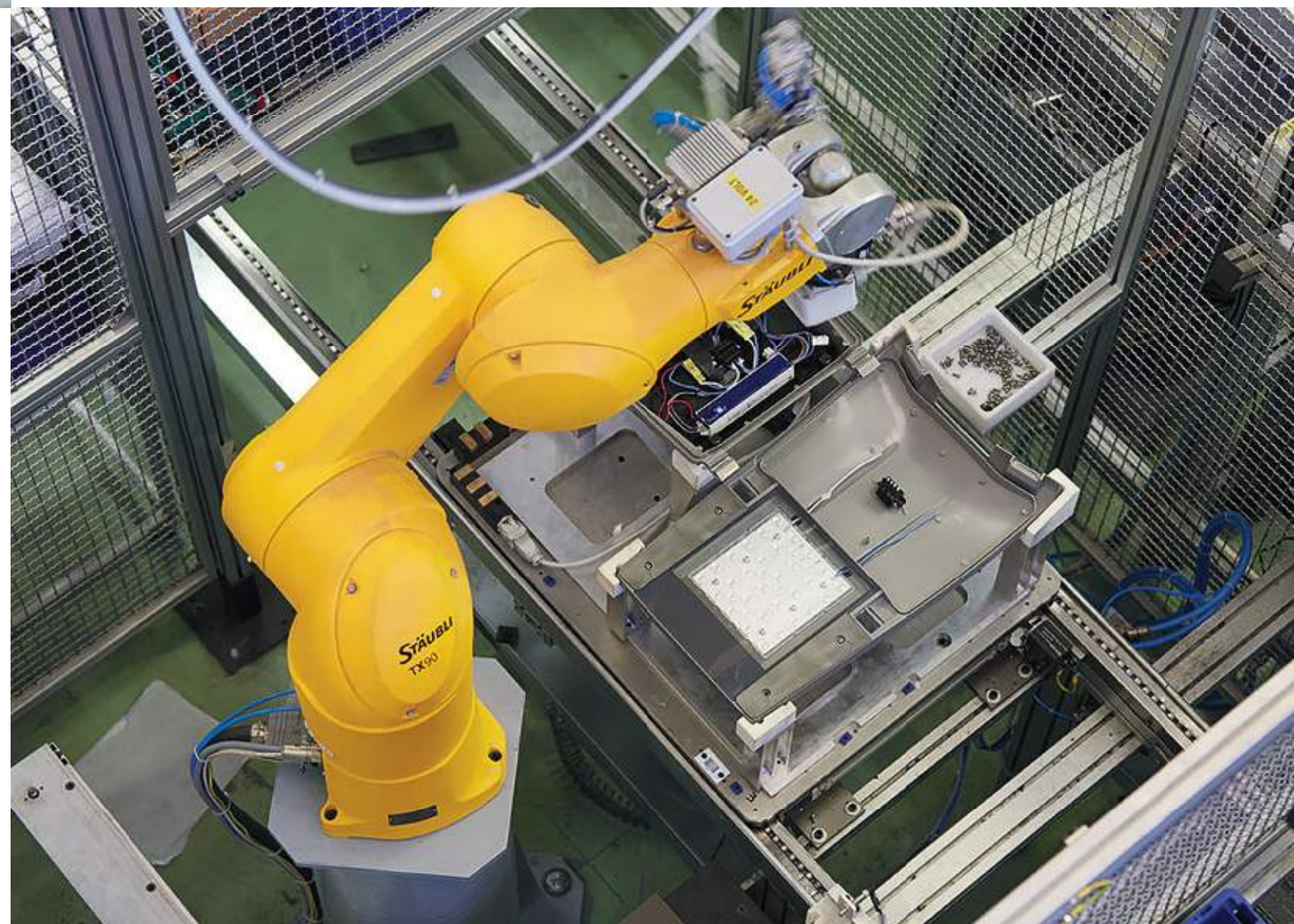
We perform thorough checks to ensure that each stage is carried out correctly, and we use automated assembly lines to guarantee that the manufacturing process is repeatable and correct. Software maps the material flows to manage the logistics processes. Incoming material checks are carried out in accordance with statistical plans and the service level of suppliers is assessed. Functional and safety checks are carried out on 100% of the products. A serial number identification system ensures that components and finished products are traceable.

Zero-sprechi

Crediamo che eliminare gli sprechi sia sempre la scelta giusta. Negli ultimi anni abbiamo ridefinito e standardizzato i nostri metodi e strumenti operativi per eliminare le inefficienze ad ogni livello, dall'ideazione di un nuovo prodotto fino alla sua consegna al cliente. Il nuovo processo di sviluppo zero-sprechi migliora i flussi di informazioni e di materiali a vantaggio della velocità e della flessibilità produttiva.

Zero waste

We believe that eliminating waste is always the right choice. In recent years we have redefined and standardised our methods and operational tools to eliminate inefficiencies at every level, from conception of a new product to its delivery to the customer. The new zero-waste development process improves information and material flows for greater speed and production flexibility.





ECO-CENTRIC LIGHTING

Eco-Centric Lighting è l'approccio alla progettazione illuminotecnica degli spazi esterni che mira a tutelare la biodiversità e il benessere umano. Le nostre soluzioni limitano l'inquinamento luminoso e garantiscono la sicurezza e il comfort visivo delle persone.

Eco-Centric Lighting is an approach to the lighting design of outdoor spaces that aims to protect biodiversity and human well-being. Our solutions limit light pollution and ensure people's safety and visual comfort.

DARK FRIENDLY LIGHT

L'illuminazione artificiale notturna è una necessità per l'uomo ma è anche una concreta minaccia per i ritmi biologici naturali di flora e fauna. Le soluzioni Dark Friendly possono preservare il buio della notte e limitare l'inquinamento luminoso offrendo al progettista:

- luce calda secondo necessità: dal bianco neutro all'ambra
- luce quando serve: intelligente e adattiva
- luce dove serve: diretta verso il basso
- luce quanto serve: regolabile e minimizzata

Artificial lighting at night is a need for humans but is also a real threat to the natural biological rhythms of flora and fauna. Dark Friendly solutions can preserve the darkness of the night and limit light pollution offering to designer:

- light warm as needed: from neutral white to amber
- light when is needed: smart and adaptive
- light where is needed: downward directed
- light how much is needed: adjustable and minimized

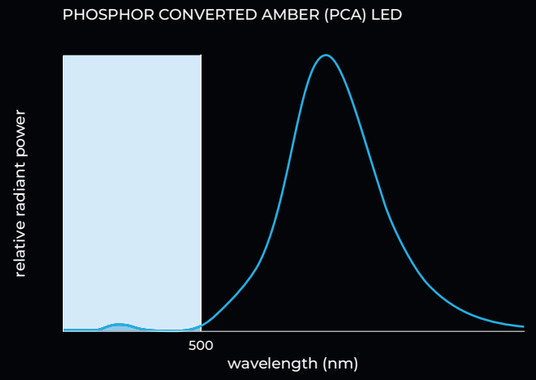


BLUE FREE LIGHT

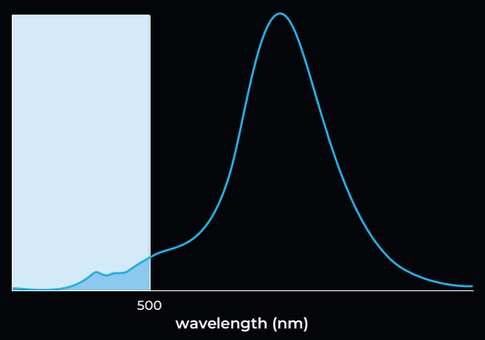
I sistemi ottici Blue Free riducono il contenuto di blu della luce bianca e generano un'atmosfera calda e accogliente per le persone. Sono ideali per illuminare spazi e percorsi di notevole interesse ecologico e prevalentemente frequentati da pedoni o ciclisti.

Blue Free optical systems reduce the blue content of white light and generate a warm and welcoming atmosphere for people. They are ideal for lighting spaces and paths of significant ecological interest and mainly used by pedestrians or cyclists.

PHOSPHOR CONVERTED AMBER (PCA) LED



1800K LED



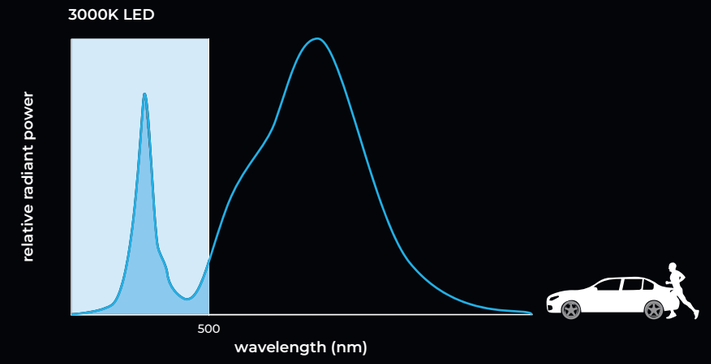


SWITCHABLE WHITE LIGHT

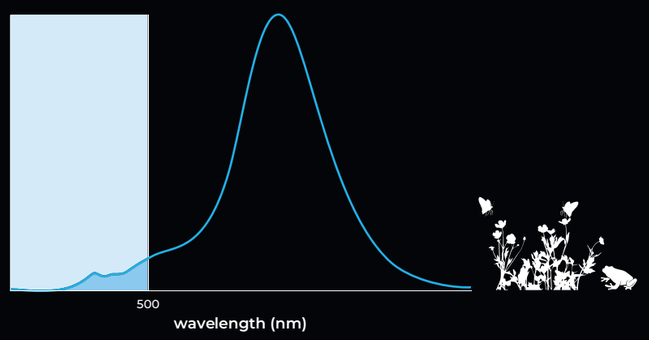
I sistemi ottici Switchable White alternano una luce ambra a ridotto contenuto di blu (CCT=1800K), che protegge la flora e la fauna, con una luce bianca calda (CCT=3000K), che migliora le prestazioni visive umane quando il traffico è più intenso. Questa soluzione è ideale per illuminare spazi e percorsi ibridi, ecologicamente interessanti ma anche percorribili da veicoli.

The Switchable White optical systems alternate an amber light with reduced blue content (CCT=1800K), which protects the flora and fauna, with a warm white light (CCT=3000K), which improves human visual performance when traffic is heavier. This solution is ideal for lighting hybrid spaces and paths, which are ecologically interesting but also traveled by vehicles.

3000K LED

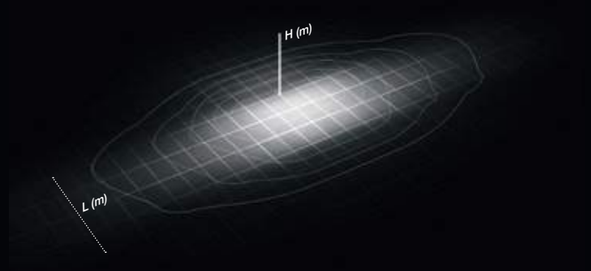


1800K LED

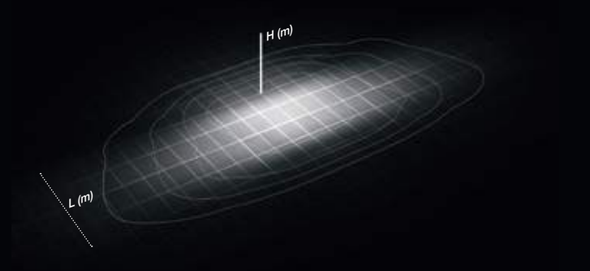


OTTICHE / OPTICS

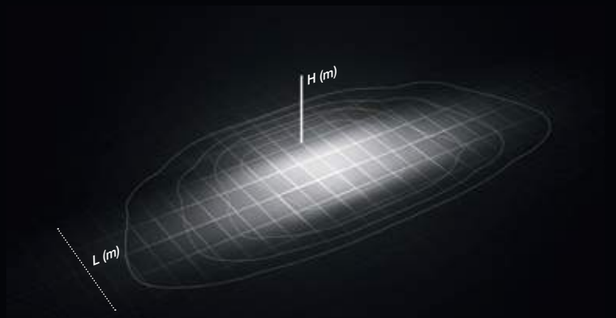
ST-02 Narrow street
L / H = 0,75



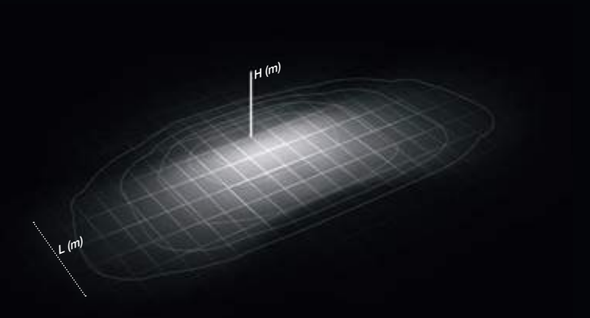
ME-05 Medium street
L / H = 1



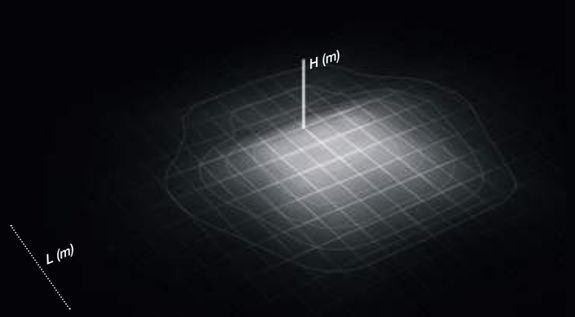
ME-06 Medium street with sidewalk
L / H = 1



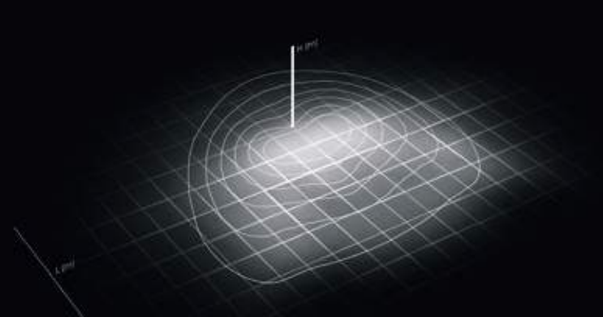
LA-03 Wide street
L / H = 1,25



LT-63 Asymmetric beam
L / H = 2



LT-64 Asymmetric beam with backlight
L / H = 2



ECO-CENTRIC LIGHTING

SWITCHABLE WHITE LIGHT

1800 K / 3000 K

BLUE FREE LIGHT

1800 K

PC-AMBER

ECO-CENTRIC LIGHTING

(ONLY FOR STREET OPTICS)

BLUE FREE LIGHT:

PC-AMBER 0,7% ∑R (λ <500NM) _ CRI 40

1800 K 4,3% ∑R (λ <500NM) _ CRI 70

SWITCHABLE WHITE LIGHT:

1800K / 3000K

COLOURFUL URBAN NIGHTS

I colori strutturano lo spazio e cambiano la percezione di un ambiente, con effetti sulla nostra reazione emotiva e risposta comportamentale. La luce colorata nel contesto urbano, se ben progettata, è un efficace strumento narrativo. Durante le ore di buio può svelare uno spazio urbano enfatizzando i suoi elementi costitutivi, alterare la realtà trasformando un paesaggio o raccontare storie attraverso l'eloquente dimensione semantica del colore. I colori comunicano infatti valori e significati che, pur variando nel tempo e nello spazio, rappresentano un linguaggio condiviso capace di attribuire nuovi significati allo spazio e alle architetture.

Colours structure space and change the perception of an environment, with effects on our emotional reaction and behavioral response. Coloured light in an urban context, if well designed, is an effective narrative tool. During the hours of darkness it can reveal an urban space by emphasizing its constituent elements, alter reality by transforming a landscape or tell stories through the eloquent semantic dimension of colour. In fact, colours communicate values and meanings which, although they change over time and space, represent a shared language that can give new meanings to space and architecture.

COLOUR CHANGING

La luce che cambia colore attribuisce ad un luogo un'identità dinamica declinabile in base alle necessità. Il colore della luce può cambiare per adeguarsi alle variazioni cromatiche stagionali, per promuovere eventi, per valorizzare un'architettura, per rendere più attrattivo uno spazio urbano o semplicemente per offrire al progettista l'opportunità di scegliere una precisa gradazione cromatica o tonale della luce.



• Colour changing RGBW 3000K: la tecnologia RGB+W utilizza chip led di colore rosso, verde, blu e bianco (4 chip led in 1) per creare una vasta gamma di opzioni di colore. Il chip bianco caldo (3000K) può essere miscelato con gli altri tre colori per creare colori precisi e vibranti o una luce bianca più luminosa e pura.



• Tunable White 2200K-4000K: La tecnologia di illuminazione Tunable White consente di controllare la temperatura colore della luce bianca. Si può regolare la luce da un colore bianco freddo, che è un po' bluastro (4000K), fino a un colore bianco caldo, che è più giallastro (2200K). I sistemi ottici Tunable White possono essere controllati tramite DALI.

COLOUR CHANGING

The light that changes colour gives the space a dynamic identity that can be declined according to need. The colour of the light can change to adapt to seasonal chromatic variations, to promote events, to enhance an architecture, to make an urban space more attractive or simply to offer the designer the opportunity to choose a precise chromatic or tonal gradation of the light.



• Colour changing RGBW 3000K: RGB+W technology uses Red, Green, Blue and White LED chips (4 in 1 LED chips) to create a wide array of colours. The warm White chip (3000K) can be mixed with the other three colours to create more precise and vibrant colours or a brighter and more pure white light.



• Tunable White 2200K-4000K: Tunable white lighting technology means that you are able to control the white light's colour temperature. You can tune from a cool colour of white, which is a little bit bluish (4000K), down to a warm colour of white, which is more yellowish (2200K). Tunable White optical system can be controlled by DALI.

Servizi al cliente

Consulenza e continua assistenza

Non offriamo solo sistemi di illuminazione ma consulenza e continua assistenza al cliente dai primi sopralluoghi all'avviamento dell'impianto. Forniamo strumenti digitali per il progetto e mettiamo a disposizione la nostra lunga esperienza e la conoscenza di tutti gli aspetti normativi inerenti l'illuminazione di ambienti esterni. Al nostro interno è presente una divisione specializzata in progettazione illuminotecnica che è in grado di supportare i clienti attraverso la definizione del lighting concept, la realizzazione dei calcoli illuminotecnici e l'elaborazione di tavole di posizionamento, foto-inserimenti e rendering.

Customer services

Advice and continual support

We offer not only lighting systems, but advice and continual customer support from initial consultation to system start-up. We provide digital design tools and offer our long experience and knowledge of all regulatory aspects relating to outdoor lighting. We have a specialist lighting design division that can support customers throughout defining the lighting concept, making lighting calculations, processing positioning tables, photo-insertions and rendering.

Certifications

IMQ CERTIFIED
QUALITY MANAGEMENT SYSTEM
ISO 9001:2015

IMQ CERTIFIED
ENVIRONMENTAL MANAGEMENT SYSTEM
ISO 14001:2015

IMQ CERTIFIED
OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM
ISO 45001:2018

IMQ

CTFS (CUSTOMERS' TESTING FACILITIES)
Riconoscimento rilasciato da IMQ al nostro laboratorio, che garantisce la conformità dei test e delle apparecchiature utilizzate alle norme europee ed internazionali vigenti.

CTFS (CUSTOMERS' TESTING FACILITIES)
Award issued by IMQ to our laboratory, guaranteeing that the tests and equipment we use comply with current European and international standards.

EN 03

MARCATURA ENEC
Certifica che tutti i nostri prodotti osservino le norme di sicurezza vigenti in Europa, nonché la loro verifica periodica da parte di IMQ.

ENEC MARK
Certifying that all of our products comply with current European safety standards and are verified periodically by IMQ.

Ecovadis 2023

SILVER 2023 ecovadis Sustainability Rating

Un importante riconoscimento per il nostro impegno nella Responsabilità Sociale d'Impresa.

An important recognition for our commitment to Corporate Social Responsibility.

Sistemi ottici

L’essenza delle nostre soluzioni va ricercata nei sistemi ottici. La tecnologia LED ci ha permesso di differenziare la nostra offerta consentendoci oggi di rendere disponibili selezioni cromatiche e distribuzioni fotometriche in grado di soddisfare le richieste di ogni architettura, spazio e percorso urbano.

Optical systems

The essence of our solutions lies in the optics. LED technology has allowed us to supply something different. We make available colour selections and photometric distributions suitable for any urban route, architecture and space.

Architetture e Giardini

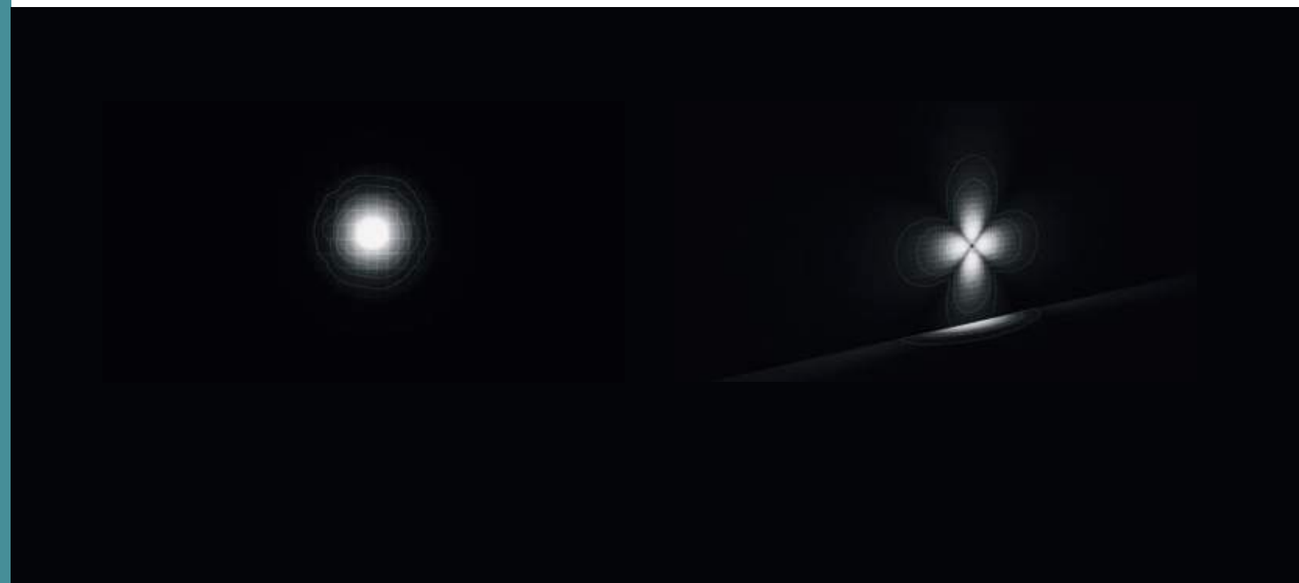
Le distribuzioni fotometriche per l’illuminazione di architetture e giardini si distinguono in ottiche:

- Spot fascio concentrante, medio, diffondente e ultra-diffondente;
- Ellissoidali;
- Lama;
- Radenti 360° e 180°;
- Simmetriche, Asimmetriche, Rotosimmetriche;
- Wall washer.

Architectures and Gardens

The photometric distribution for lighting architecture and gardens include the following optics:

- Narrow, medium, wide and ultra-wide beam spotlights;
- Ellipsoidai;
- Blade;
- 360° e 180° surface skimming lights;
- Symmetrical, Asymmetrical, Rotosymmetrical;
- Wall washer.



Spazi e Percorsi urbani

Le distribuzioni fotometriche per l'illuminazione di spazi e percorsi urbani si distinguono in ottiche:

- Asimmetriche;
- Asimmetriche stradali;
- Simmetriche stradali;
- Rotosimmetriche;
- Diffondenti;
- Asimmetriche stradali per attraversamenti pedonali;
- Asimmetrica stradale per manto bagnato;
- Simmetrica stradale per centro strada;
- Front & Back.

L'ottica stradale Front & Back (brevettata) è in grado di generare un doppio solido fotometrico che assolve alla duplice funzione di illuminare da un lato la carreggiata e dal lato opposto una pista ciclabile o un'area pedonale.

Urban Spaces and Walkways

The photometric distribution for lighting urban spaces and pathways include the following optics:

- Asymmetrical;
- Street asymmetrical;
- Street symmetrical;
- Roto-symmetrical;
- Diffusing;
- Asymmetrical street for pedestrian crossings;
- Asymmetrical street for wet surfaces;
- Asymmetrical street for road centres;
- Front & Back.

The Front & Back optic (patented) can generate a double photometric solid that is able to light on one side the road and on the opposite side a cycle path or pedestrian area.

Sport e Grandi Aree

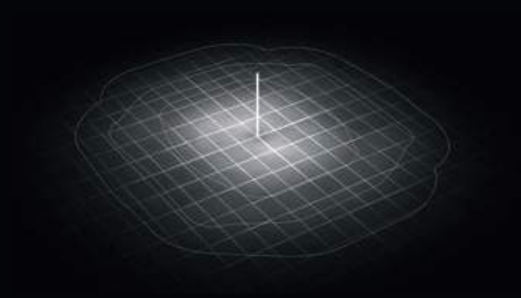
Le distribuzioni fotometriche per l'illuminazione di spazi sportivi e grandi aree si distinguono in ottiche:

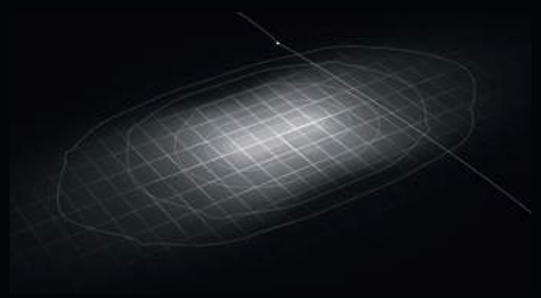
- Asimmetriche;
- Asimmetriche stradali;
- Asimmetriche con retroilluminazione.

Sport and Large Areas

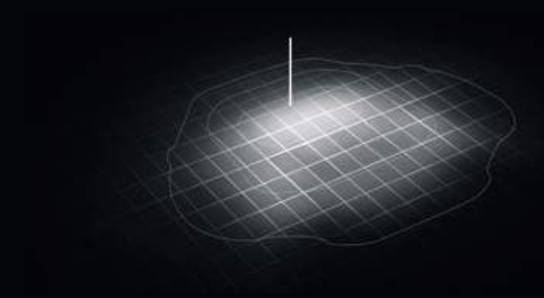
The photometric distribution for lighting of sport spaces and large areas include the following optics:

- Asymmetrical;
- Street asymmetrical;
- Asymmetrical with backlight.



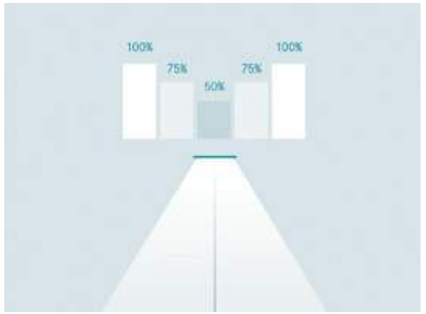






Illuminazione intelligente

Smart lighting



STAND ALONE: regolazione di flusso in Mezzanotte Virtuale

È una tecnica di riduzione del flusso luminoso stand-alone, completamente integrata in ogni singolo prodotto e che non richiede nuovi cablaggi o dispositivi esterni.

Autoapprendimento mezzanotte virtuale programmabile custom

Disponibili versioni programmabili custom su richiesta del cliente; mediante un algoritmo di mezzanotte virtuale è possibile eseguire una precisa riduzione percentuale del flusso luminoso dell'apparecchio e della potenza elettrica assorbita dall'apparecchio.

STAND ALONE: Virtual Midnight flow adjustment

This stand-alone light flow reduction system is built into every individual product and it does not require new wiring or external devices.

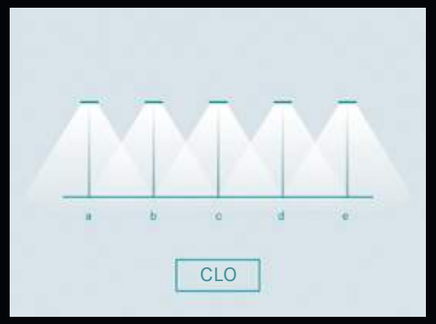
Custom programmable virtual midnight self-learning

Custom programmable versions are available at the customer's request. Using a virtual midnight algorithm, a precise reduction can be made in the luminaire's luminous flux percentage and its electrical power input.



ZHAGA – BOOK 18

I prodotti possono essere forniti con presa 4 pin (Zhaga Book 18) un'interfaccia intelligente tra apparecchi di illuminazione e sistemi di rilevamento e di comunicazione. Gli apparecchi di illuminazione equipaggiati di nodi di telecontrollo, creano una rete di comunicazione di tipo Wireless Sensor Network (WSN). Le informazioni transitano dagli apparecchi verso i gateway attraverso la rete, fino ad arrivare alla piattaforma software centrale. Al contrario, differenti scenari di Smart Lighting possono essere inviati dal software di controllo ai gateway, quindi ai nodi presso i punti luce.



Constant Lumen Output (CLO)

I prodotti sono inoltre predisposti per il sistema di autoregolazione CLO (Constant Lumen Output). Il compito del CLO è quello di compensare il naturale decadimento del flusso luminoso dei LED. Attraverso un innalzamento di corrente graduale, precedentemente programmato, il flusso luminoso si mantiene nel tempo e comunque non diventa mai inferiore al valore limite preimpostato.

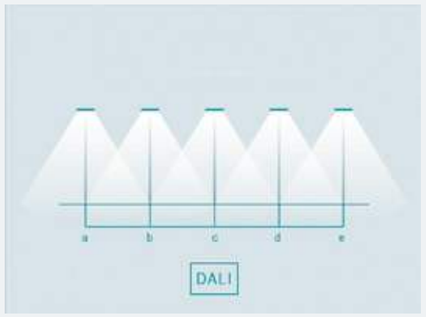
ZHAGA – BOOK 18

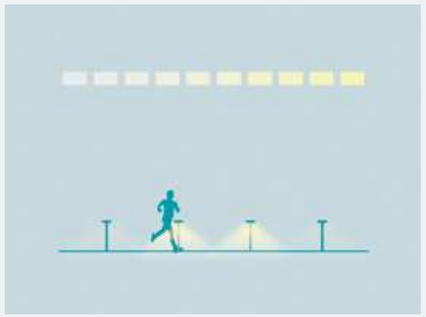
Our products can be supplied with a 4-pin socket (Zhaga Book 18), a smart interface between light fittings and measurement and communication systems. Light fixtures equipped with remote control nodes create a Wireless Sensor Network (WSN) type of communication. The information transits through the network to the gateways and then on to the central software platform. Conversely, the software can send different Smart Lighting scenes to control the gateways, and therefore the nodes at the light points.

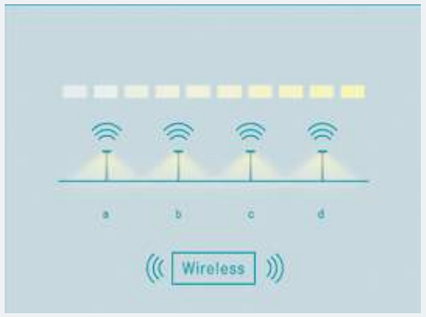
Constant Lumen Output (CLO)

Our products are also CLO self-regulation system ready (Constant Lumen Output). The aim of CLO is to compensate the natural deterioration of the LED luminous flux. By pre-programming a gradual increase in current, the luminous flux is maintained over time and, in any case, never drops lower than the preset limit.









DALI

È un controllo di tipo digitale, dove ad ogni apparecchio viene assegnato un indirizzo univoco, che permette il controllo del singolo punto luce e la creazione di gruppi di controllo.

Onde convogliate (PLC)

Tramite la comunicazione a onde convogliate, quindi senza cavi aggiuntivi nell'impianto, è possibile comunicare con ogni singolo punto luce. Il sistema consente di monitorare da remoto ogni singolo apparecchio e di modificarne i profili di consumo.

Sensori

I prodotti con predisposizione ZHAGA sono compatibili con sensori luminosi che regolano l'emissione di luce in uscita sulla base della quantità di luce già presente nell'ambiente e con sensori di movimento che consentono di rilevare il passaggio di persone o veicoli e di regolare il flusso emesso per garantire i giusti livelli di sicurezza. I sensori devono essere montati esternamente al prodotto.

Wireless

Il sistema di telegestione wireless è in grado di gestire gli apparecchi da remoto in modo semplice e senza vincoli dovuti all'impianto preesistente. La tecnologia wireless consente di monitorare ogni singolo apparecchio e di modificarne i profili di consumo. Il sistema di telegestione wireless, oltre a contenere i consumi e le spese di gestione, predispone l'infrastruttura utile ad ospitare altri sistemi o servizi per il territorio compatibili con i più innovativi progetti di smart lighting.

DALI

This is a digital type control system where every device is assigned a unique address that allows the individual light points to be controlled and the control units to be created.

Power-line communication (PLC)

Using PLC communications. i.e. with no extra system wiring, it is possible to communicate with each individual light point. The system allows each individual luminaire to be monitored remotely and consumption profiles to be modified.

Sensors

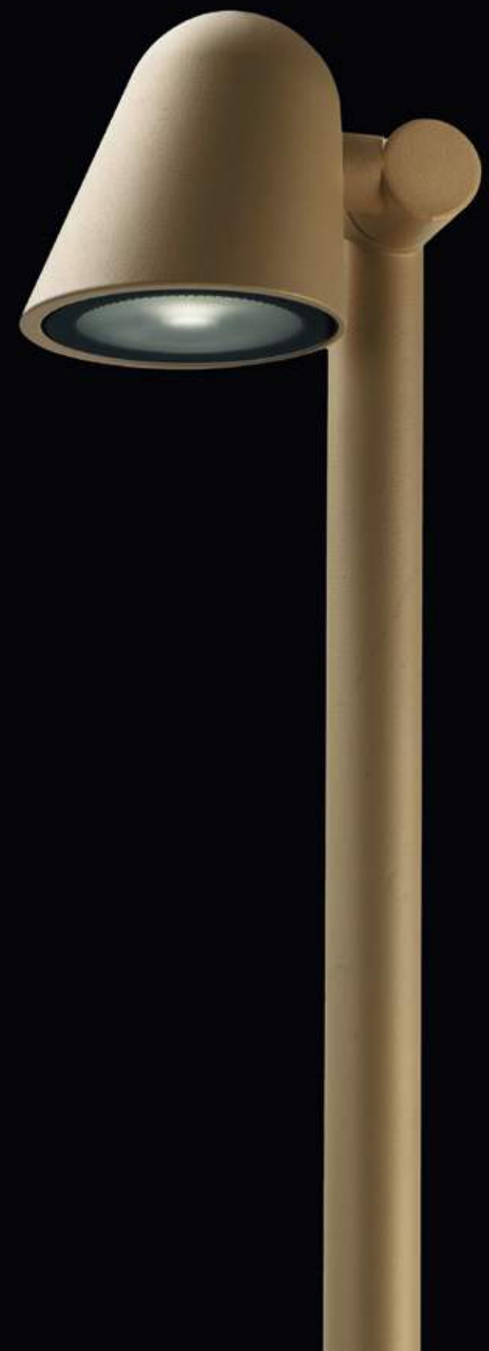
Our products with arrangement for ZHAGA are compatible with light sensors that adjust the light emission output based on the quantity of light already in the space and with sensors allows the luminaire's luminous flux to be regulated and the correct safety levels maintained according to whether a person or a vehicle is passing. Sensors must be mounted outside the product.

Wireless

The wireless remote management system can remote control luminaires simply and without limits thanks to the existing system. Wireless technology allows each individual luminaire to be monitored remotely and consumption profiles to be modified. The wireless remote management system, as well reducing consumption and management costs, includes the infrastructure to host other systems or services for the territory, compatible with the latest smart lighting projects.



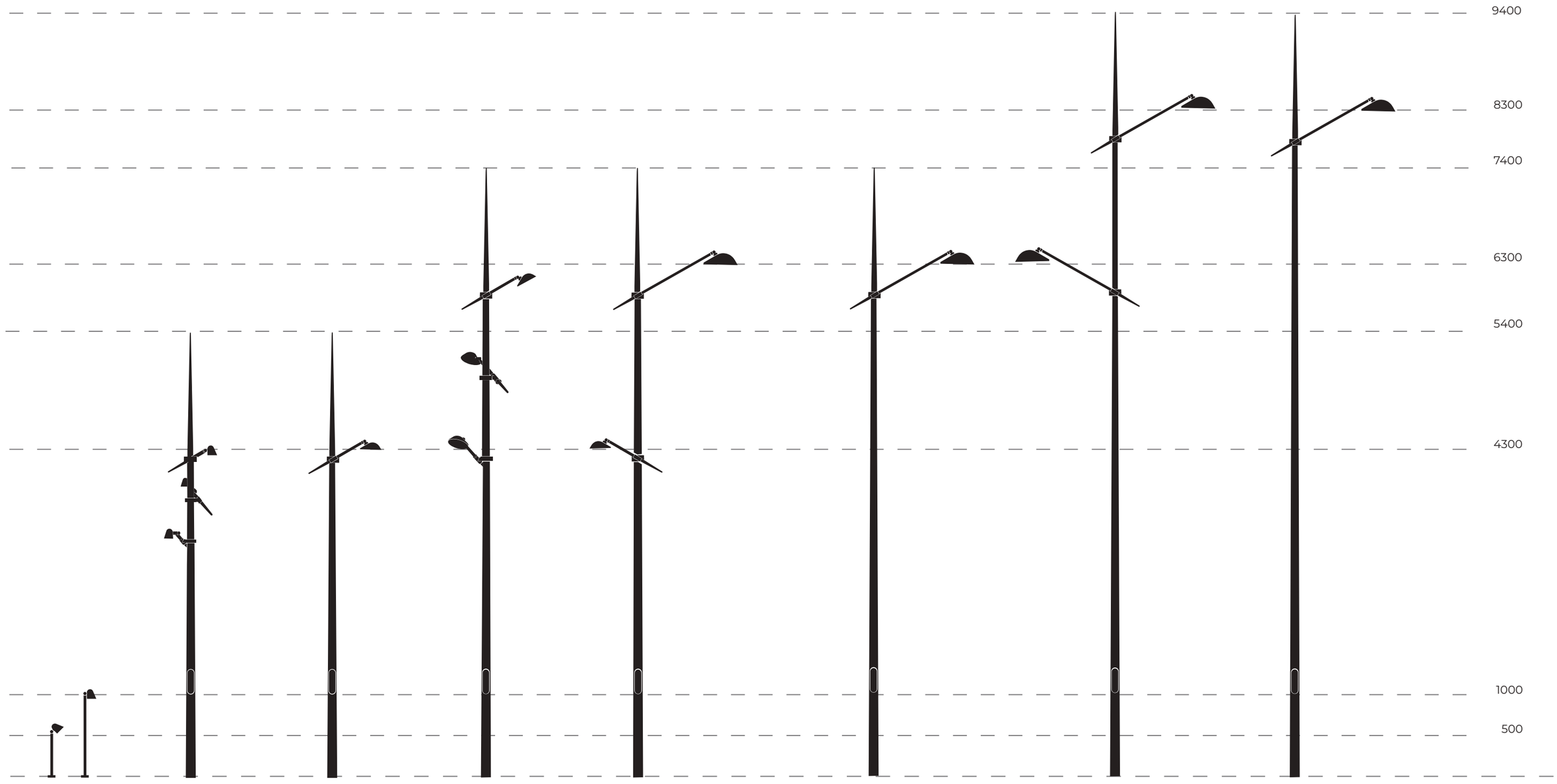
SPOON



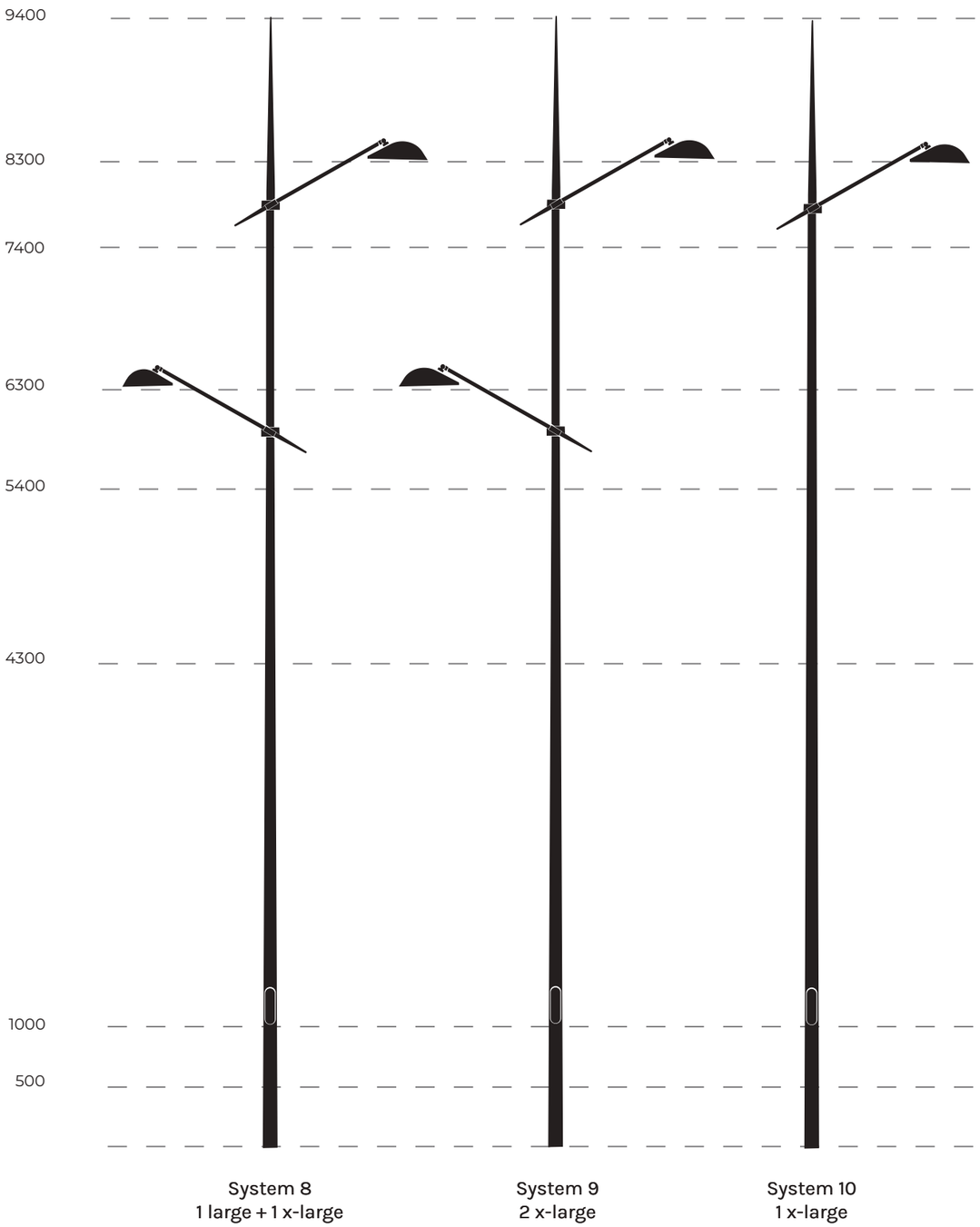
SPOON è un nuovo sistema per l’illuminazione urbana, declinabile a diverse scale e coerente ai mutevoli scenari urbani contemporanei. Design by Alfonso Femia/AF*Design.

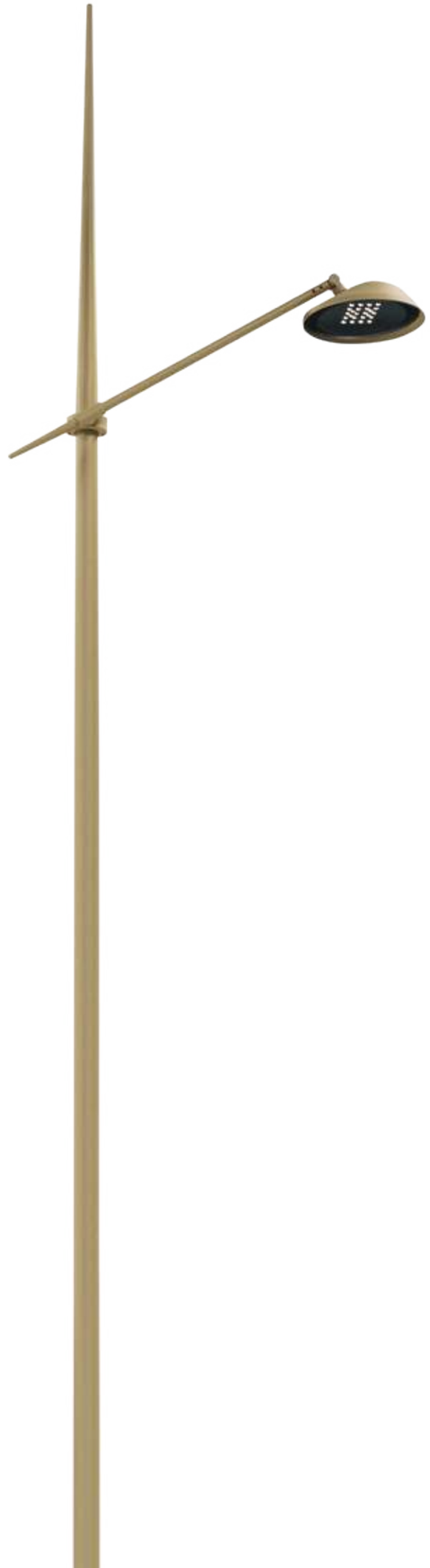
SPOON is a new urban lighting system that can be adapted to different scales and is consistent with the changing contemporary urban scenarios. Design by Alfonso Femia/AF*Design.

Spoon Bollard & Pole Configurations



Spoon Pole Configurations





220-240V
24V (RGBW / TW)

50
60Hz

CL II

IP66

IK09

ta
-30°C
+50°C

CE ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
770 - 17385 lm

Potenza apparecchio / Fitting power:
8 - 144 W

Indice di resa cromatica / Colour Rendering Index:
≥ 80, SDCM ≤ 3 (medium, large, x-large)
≥ 90, SDCM ≤ 3 (small)

Illuminazione intelligente / Smart lighting:
mezzanotte virtuale, DALI. Su richiesta ZHAGA UP (large, x-large) / virtual midnight, DALI. On request ZHAGA UP (large, x-large)

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K

ECO-CENTRIC LIGHTING (ECL)
(ONLY FOR STREET OPTICS, LARGE AND X-LARGE VERSIONS)

BLUE FREE LIGHT:
PC-AMBER 0,7% ∑R (λ <500NM) _ CRI 40
1800 K 4,3% ∑R (λ <500NM) _ CRI 70

SWITCHABLE WHITE LIGHT:
1800K / 3000K

MATERIALI / MATERIALS

Corpo, sistemi di fissaggio e puntali / Body, fitting systems and rods:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lente in tecnopolimero ad alta trasparenza (small), lenti in PMMA ad alta trasparenza (medium. large, x-large) / highly transparent technopolymer lens (small), PMMA high transparent lenses (medium. large, x-large)

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- CHAMPAGNE

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
6 kg (bollard); 4.5 kg (small); 7 kg (medium); 9 kg (large); 10 kg (x-large)

Alimentazione elettronica / Electronic power supply:
inclusa / included

Precablaggio / Pre-wiring:
prodotto precablato con cavo e connettore / pre-wired product with cable and connector

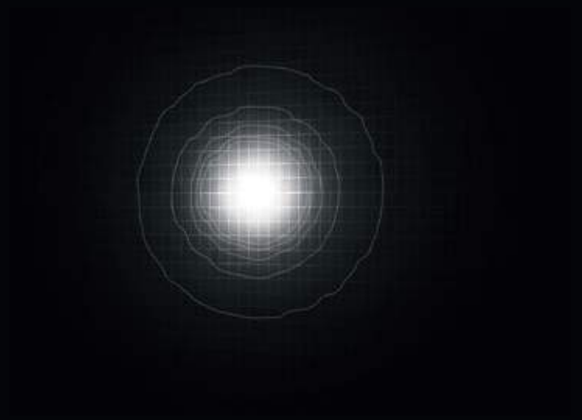
Resistenza sovratensioni / Surge Protection Device:
10kV MC/MD (medium, large, x-large)

Installazione / Installation:
terra, palo, parete, sottoportico
ground, pole, wall, arcade



OTTICHE / OPTICS

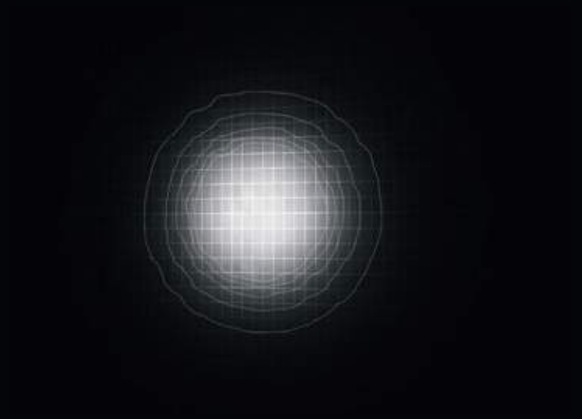
C 10° Narrow Beam



D 45° Wide Beam



M 25° Medium Beam



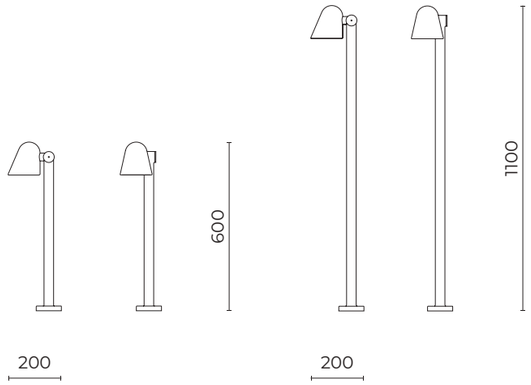
U-D 90° Diffused Beam



AS-D Asymmetric Diffused Beam



Spoon
Bollard



BOLLARD
1000



BOLLARD
500



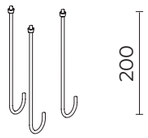
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
terra / ground

Inclinazione / Inclination:
0° ÷ 180°, rotazione ±30°
0° ÷ 180°, rotation ±30°

ACCESSORI / ACCESSORIES

06PY999X0
Kit tirafondi
Anchoring bolts kit 30



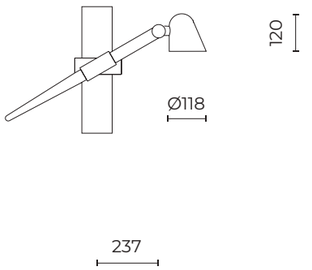
Spoon
System

DATI TECNICI / TECHNICAL DATA

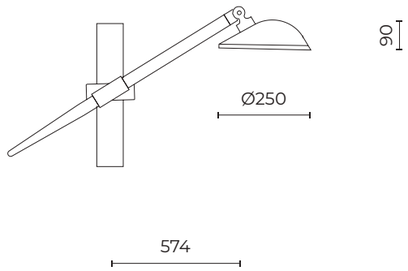
Installazione / Installation:
palo conico con puntale / conical pole with rod

Inclinazione / Inclination:
+120° ÷ -60° (small)
0° ÷ +90° (medium, large, x-large)

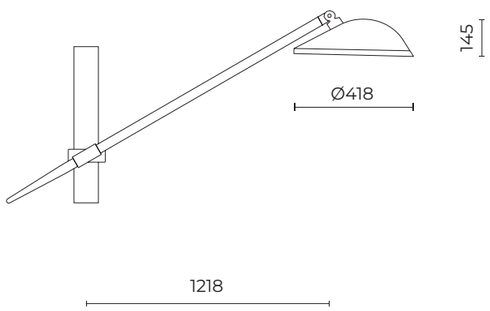
SMALL



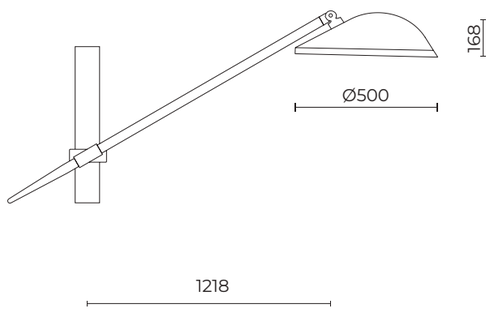
MEDIUM



LARGE



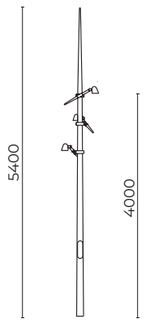
XLARGE



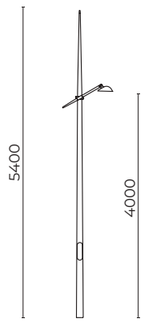


CONFIGURAZIONI / CONFIGURATIONS:

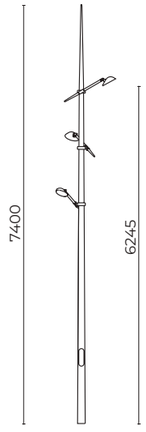
Spoon System 1
Palo con puntale h. tot. 5400 mm,
3 Spoon Small
Pole with rod h. tot. 5400 mm,
3 Spoon Small



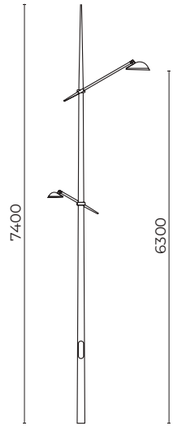
Spoon System 2
Palo con puntale h. tot. 5400 mm,
1 Spoon Medium
Pole with rod h. tot. 5400 mm,
1 Spoon Medium



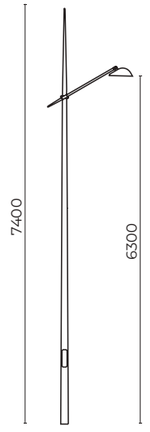
Spoon System 3
Palo con puntale h. tot. 7400 mm,
3 Spoon Medium
Pole with rod h. tot. 7400 mm,
3 Spoon Medium



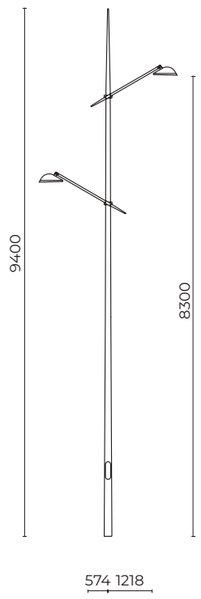
Spoon System 4
Palo con puntale h. tot. 7400 mm,
1 Spoon Medium, 1 Spoon Large
Pole with rod h. tot. 7400 mm,
1 Spoon Medium, 1 Spoon Large



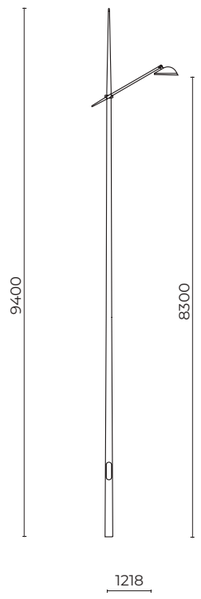
Spoon System 5
Palo con puntale h. tot. 7400 mm,
1 Spoon Large
Pole with rod h. tot. 7400 mm,
1 Spoon Large



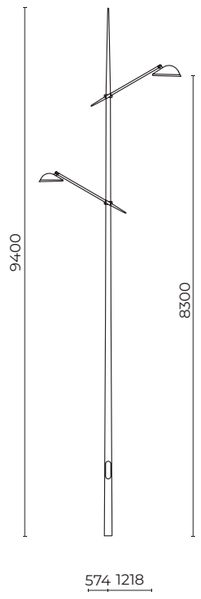
Spoon System 6
Palo con puntale h. tot. 9400 mm,
2 Spoon Large
Pole with rod h. tot. 9400 mm,
2 Spoon Large



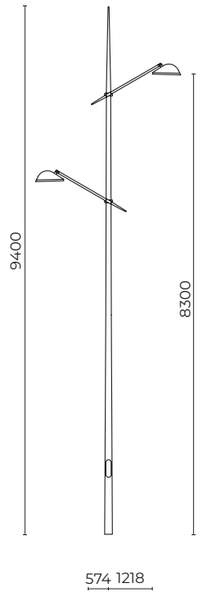
Spoon System 7
Palo con puntale h. tot. 9400 mm,
1 Spoon Large
Pole with rod h. tot. 9400 mm,
1 Spoon Large



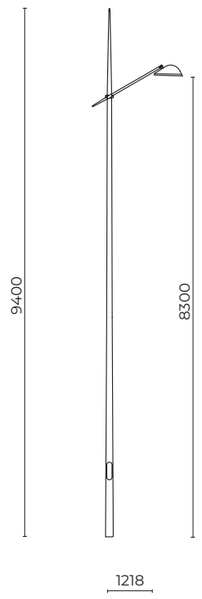
Spoon System 8
Palo con puntale h. tot. 9400 mm,
1 Spoon Large, 1 Spoon X-Large
Pole with rod h. tot. 9400 mm,
1 Spoon Large, 1 Spoon X-Large



Spoon System 9
Palo con puntale h. tot. 9400 mm,
2 Spoon X-Large
Pole with rod h. tot. 9400 mm,
2 Spoon X-Large



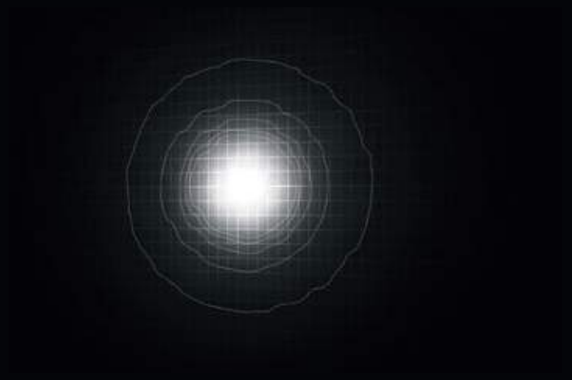
Spoon System 10
Palo con puntale h. tot. 9400 mm,
1 Spoon X-Large
Pole with rod h. tot. 9400 mm,
1 Spoon X-Large



OTTICHE / OPTICS

C 10° Narrow Beam

SPOON SMALL



M 25° Medium Beam

D 45° Wide Beam



U-D 90° Diffused Beam



LAMP CONCEPT

Cariboni Group

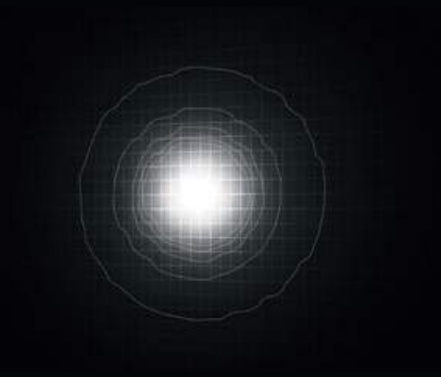
Spoon
System



OTTICHE / OPTICS

SPOON MEDIUM / LARGE / X-LARGE

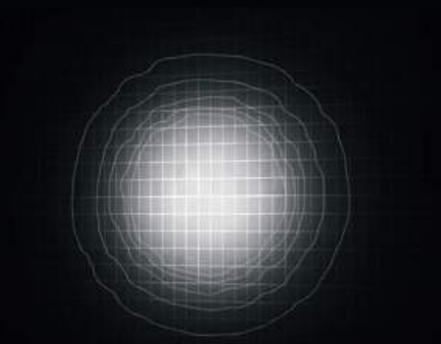
C 11° Narrow Beam



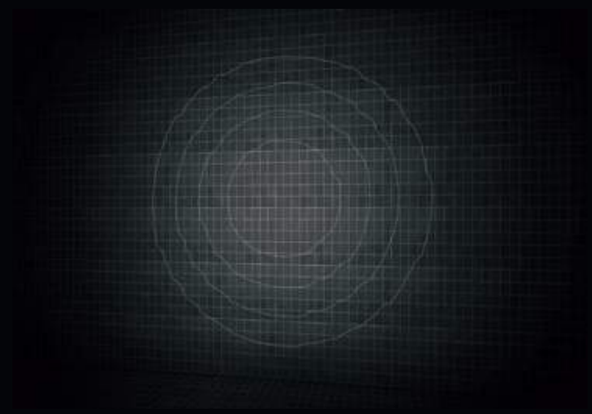
D 40° Wide Beam



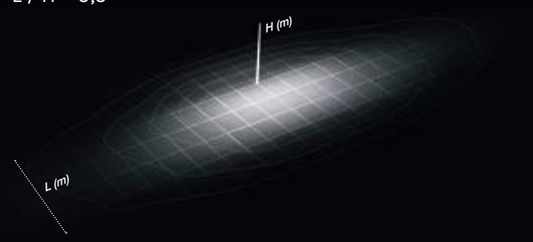
M 25° Medium Beam



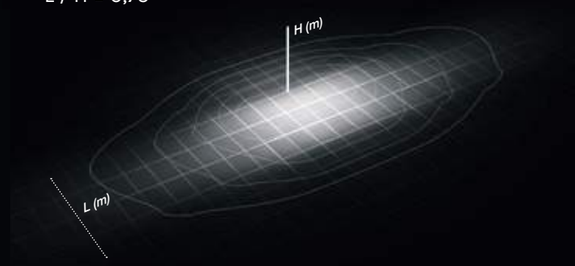
U-D 90° Diffused Beam



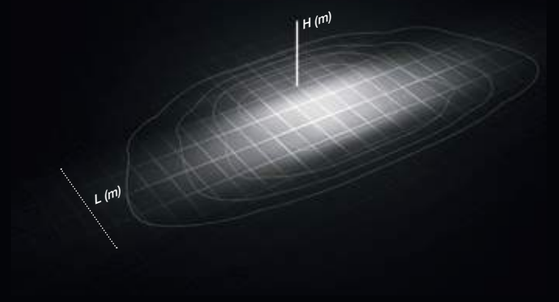
LT-C1 Cycle Path
L / H = 0,5



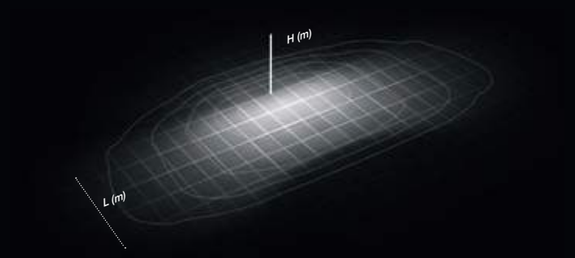
ST-02 Narrow Street ECL
L / H = 0,75



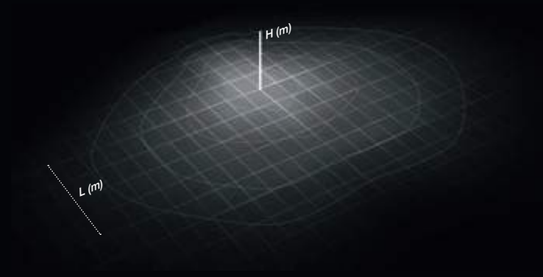
ME-06 Medium Street with sidewalk ECL
L / H = 1



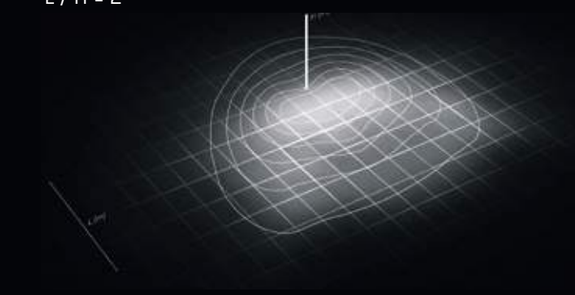
LA-03 Wide Street ECL
L / H = 1,25



PB-01 Low Pole
L / H = 2



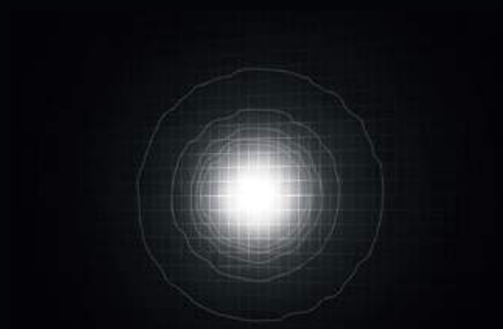
LT-64 Asymmetric Beam with backlight ECL
L / H = 2



OTTICHE / OPTICS

* only for Spoon Wall

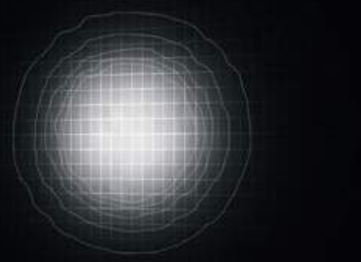
C 10° Narrow Beam *



D 45° Wide Beam *



M 25° Medium Beam *



U-D 90° Diffused Beam *



AS-D Asymmetric Diffused Beam

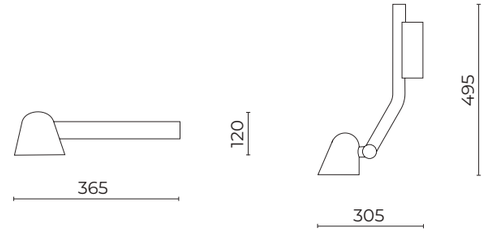


Spoon
Wall, Overdoor

DATI TECNICI / TECHNICAL DATA

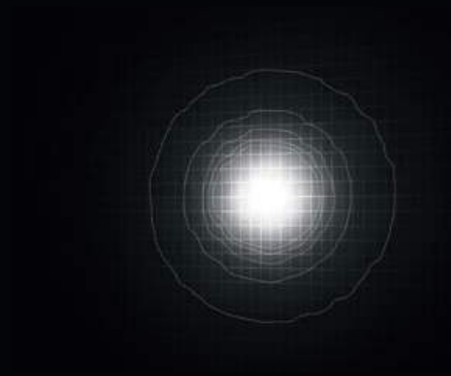
Installazione / Installation:
parete, sopraporta / wall, overdoor

Inclinazione / Inclination:
-120° ÷ 30° (Spoon Wall)
0° ÷ 90° (Spoon Overdoor)

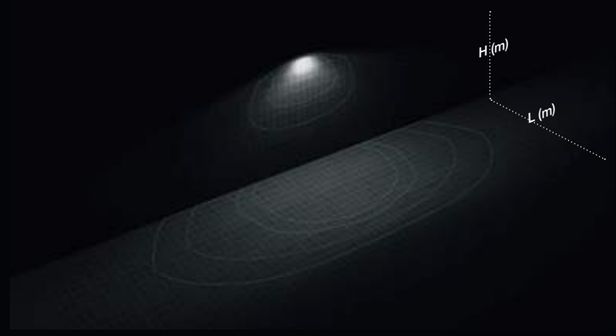


OTTICHE / OPTICS

C 11° Narrow Beam



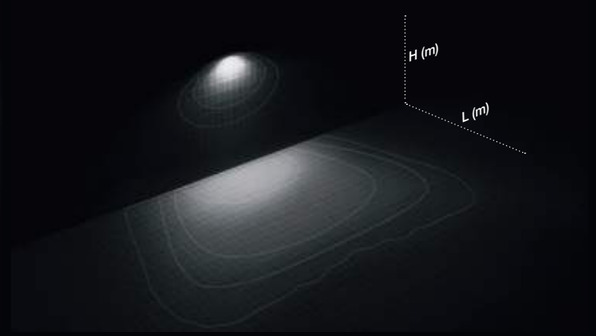
ST-02 Narrow Street
L / H = 0,75



D 40° Wide Beam



LT-63 Assymetric Beam
L / H = 2



Spoon
Wall

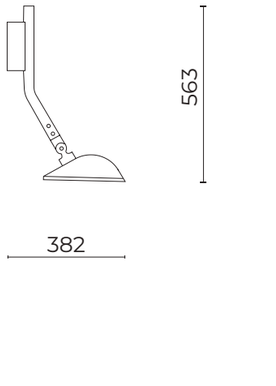


DATI TECNICI / TECHNICAL DATA

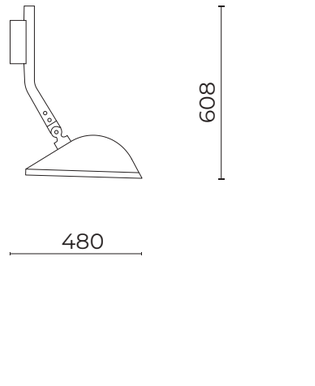
Installazione / Installation:
parete / wall

Inclinazione / Inclination:
0° ÷ 90°

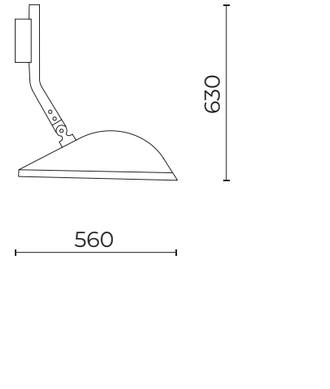
MEDIUM



LARGE

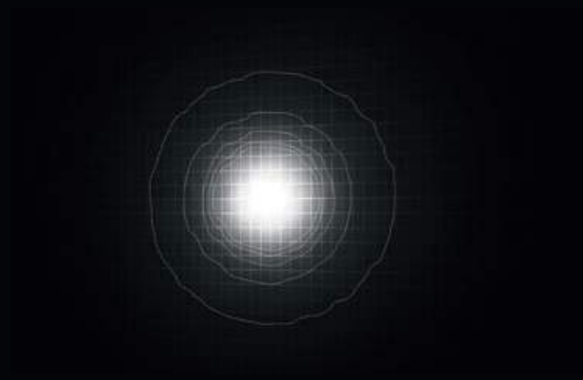


X-LARGE



OTTICHE / OPTICS

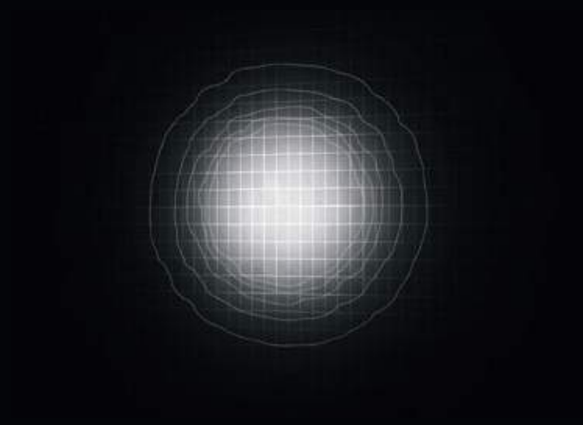
C 11° Narrow Beam



D 40° Wide Beam



M 25° Medium Beam



U-D 90° Diffused Beam



LAMP CONCEPT

Cariboni Group

Spoon
Ceiling

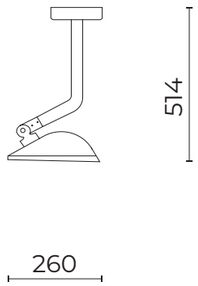
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
soffitto / ceiling

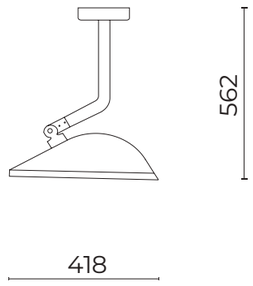
Inclinazione / Inclination:
0° ÷ 90°



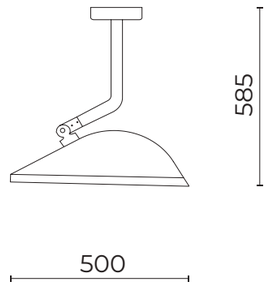
MEDIUM



LARGE



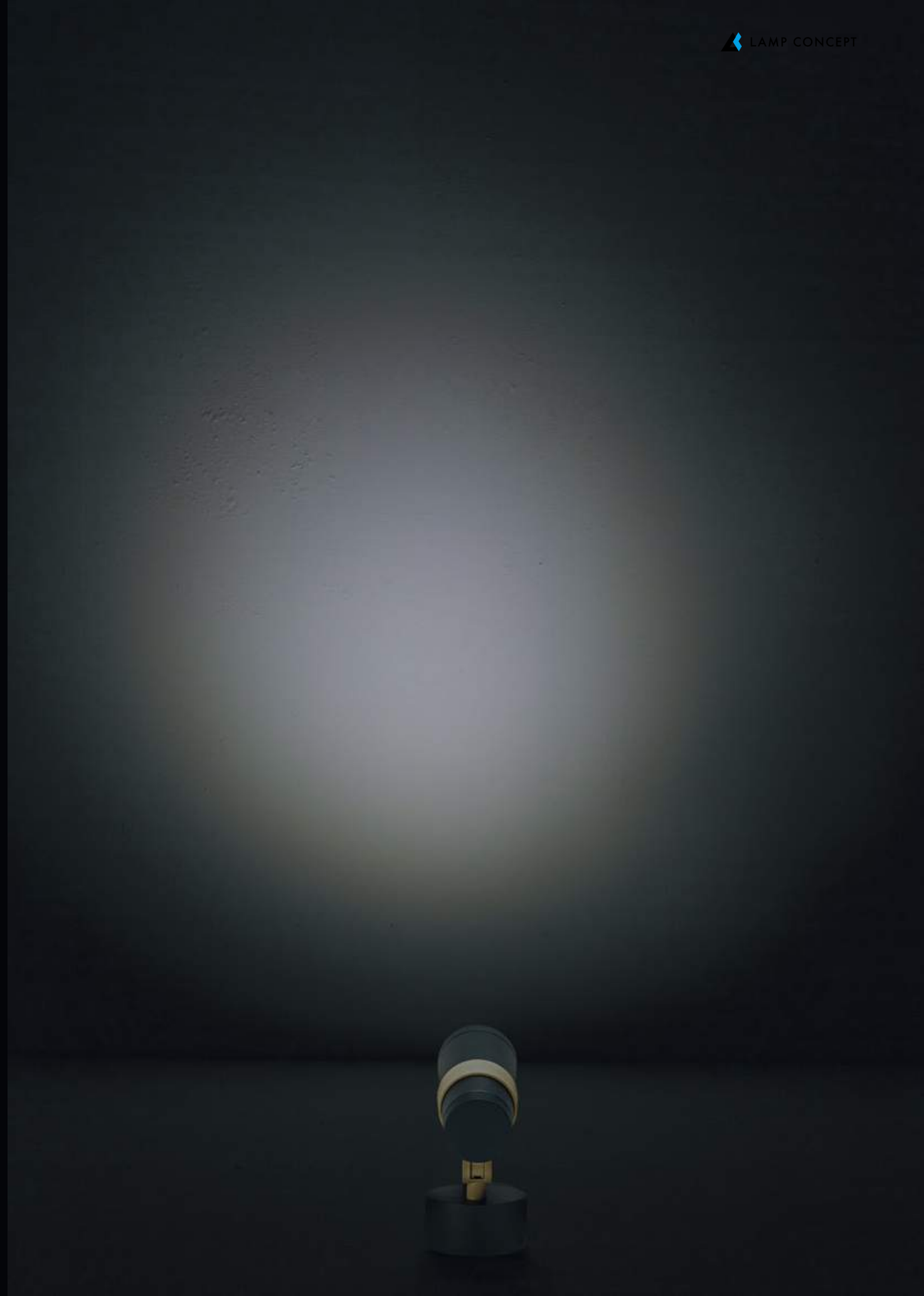
X-LARGE



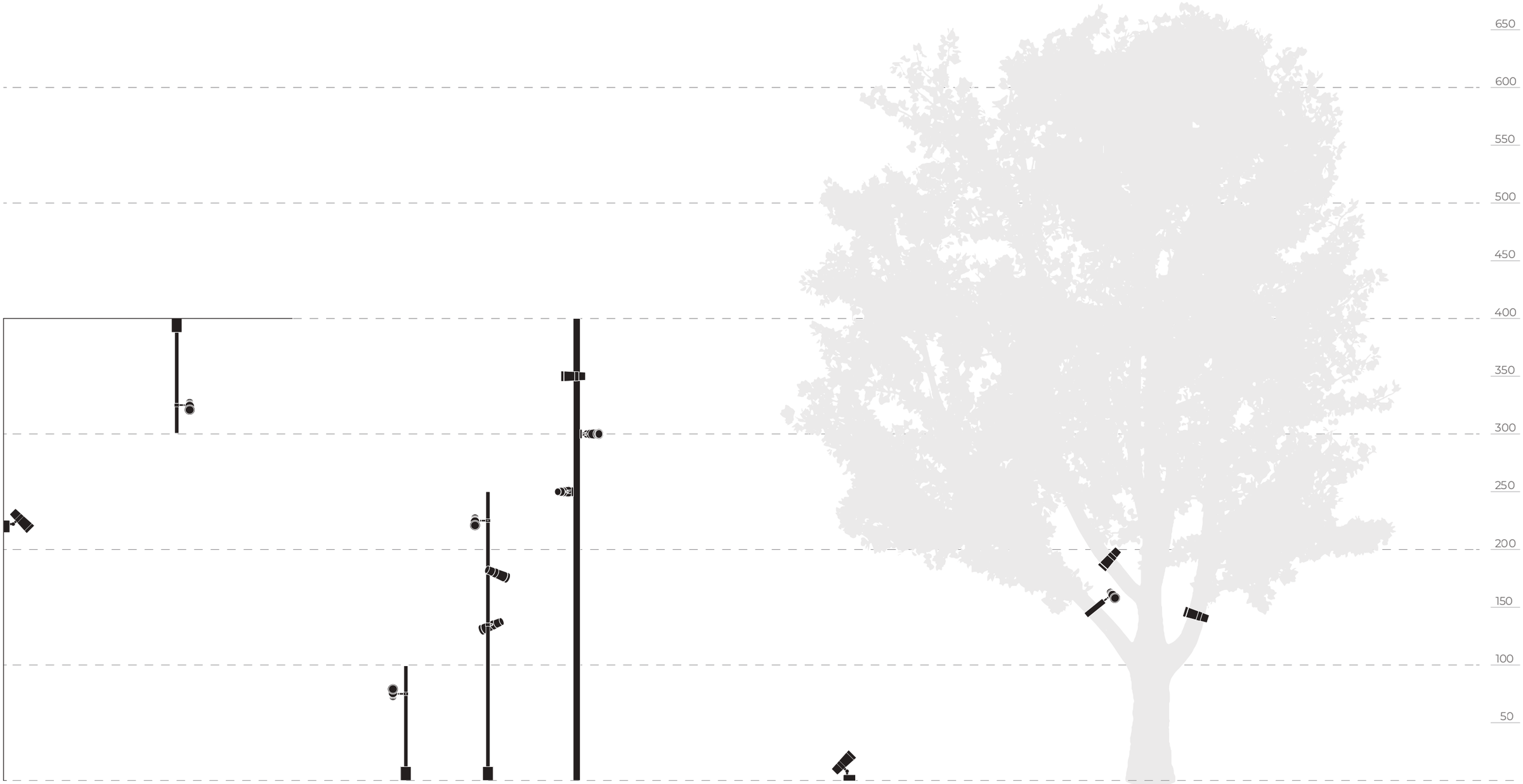
KONO ZOOM

KONO ZOOM è un proiettore che si distingue per una sofisticata tecnologia ottica e una raffinata ricerca estetica. È ideale per l’illuminazione d’accento e diffusa di spazi esterni d’interesse artistico e architettonico.

KONO ZOOM is a floodlight characterised by sophisticated optical technology and refined aesthetic research. It is ideal for accent and diffused lighting of outdoor spaces of artistic and architectural interest.



Kono zoom Configurations



Kono zoom

220-240V
24V (RGBW / TW)

50
60Hz

CL II

IP66

IK07

ta
-30°C
+50°C

CE

ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
72 - 474 lm

Potenza apparecchio / Fitting power:
10W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 90, SMCD ≤ 2 (2700 K)
CRI ≥ 80, SMCD ≤ 3

Illuminazione intelligente / Smart lighting:
DALI

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K
- RGB+W 3000 K
- TUNABLE WHITE 2200 K ÷ 4000 K

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato
tempered flat glass

Gruppo ottico / Optical unit:
lente in vetro stampato
moulded glass lens

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLE' 100 NOIR (*) / CHAMPAGNE (**)

*** Corpo e sistema di fissaggio** / Body and fitting system

**** Snodo e anello** / Joint and ring

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
1.6 kg (Flood/Pole), 4.7 kg (Bollard H 1000 mm), 9.2 kg (Bollard H 2500 mm)

Alimentazione elettronica / Electronic power supply:
inclusa (versione Flood ON-OFF, DALI), esclusa (versione Flood RGBW, TW e versioni Ceiling/Bollard/Pole ON-OFF, DALI, RGBW, TW)
internal (Flood version ON-OFF, DALI), external (Flood version RGBW, TW and Ceiling/Bollard/Pole versions ON-OFF, DALI, RGBW, TW)

Precablaggio / pre-wiring:
versioni con sostegni fornite con cavo e connettore
versions with rod supplied with cable and connector

Installazione / Installation:
parete, soffitto, terra / wall, ceiling, ground



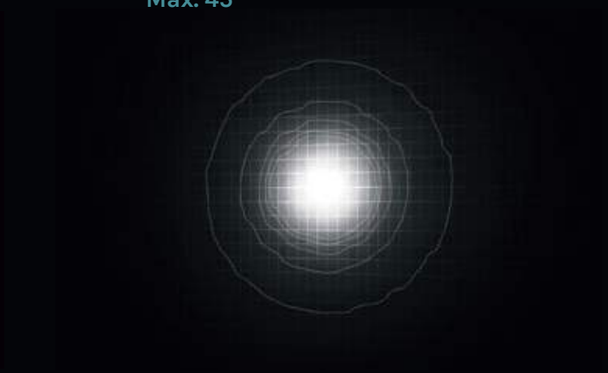
OTTICHE / OPTICS

Round zoom

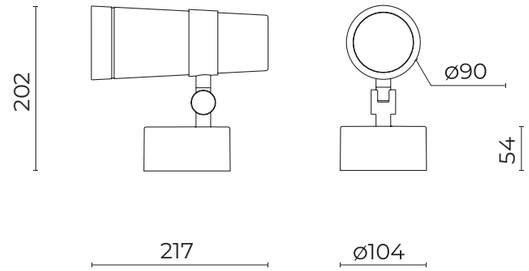
Min. 10°



Max. 45°

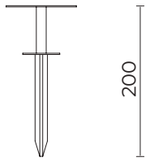


Kono zoom
Flood

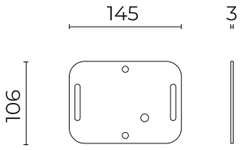


ACCESSORI / ACCESSORIES

06OM901C0
B135 - Picchetto per interramento
Picket for ground installation



06KN901C0
B233 Cinghia di ancoraggio per alberi
Ø150-600 mm / Tree lashing strap
Ø150-600 mm



DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
parete, terra / wall, ground

Inclinazione / Inclination:
-60° ÷ +90°; rotazione + 359°
-60° ÷ +90°; rotation + 359°

Ottiche Zoom / Zoom optics:
possibilità di regolazione del fascio luminoso dall'esterno, ruotando la ghiera posteriore, con il prodotto installato e acceso per l'ottimizzazione del puntamento / the light beam can be adjusted from outside, by turning the rear ring , while product is installed and switched on for pointing optimisation.



Kono zoom

OTTICHE / OPTICS

Round zoom

Min. 10°



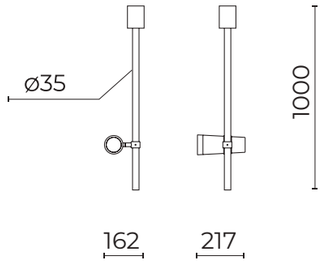
Max. 45°



LAMP CONCEPT

Cariboni Group

Kono zoom
Ceiling



DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
parete, soffitto / wall, ceiling

Inclinazione / Inclination:
+/- 359°; rotazione +/- 15°
+/- 359°; rotation +/- 15°

Ottiche Zoom / Zoom optics:
possibilità di regolazione del fascio luminoso dall'esterno, ruotando la ghiera posteriore, con il prodotto installato e acceso per l'ottimizzazione del puntamento / the light beam can be adjusted from outside, by turning the rear ring , while product is installed and switched on for pointing optimisation.



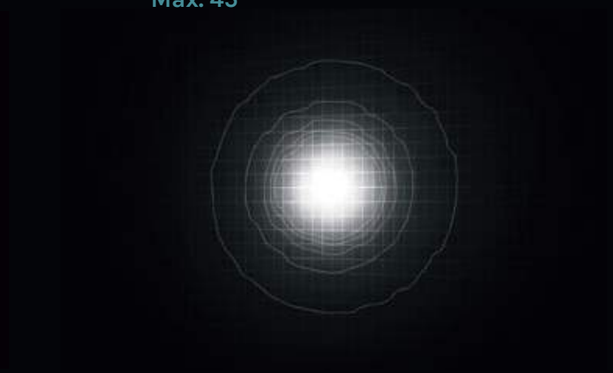
OTTICHE / OPTICS

Round zoom

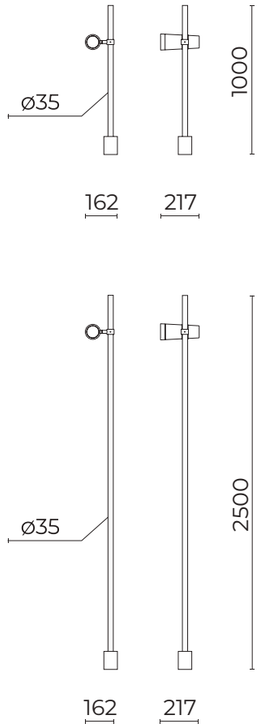
Min. 10°



Max. 45°



Kono zoom
Bollard



DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
terra / ground

Inclinazione / Inclination:
+/- 359°; rotazione +/- 15°
+/- 359°; rotation +/- 15°

Ottiche Zoom / Zoom optics:
possibilità di regolazione del fascio luminoso dall'esterno, ruotando la ghiera posteriore, con il prodotto installato e acceso per l'ottimizzazione del puntamento / the light beam can be adjusted from outside, by turning the rear ring , while product is installed and switched on for pointing optimisation.



Kono zoom

OTTICHE / OPTICS

Round zoom

Min. 10°



Max. 45°

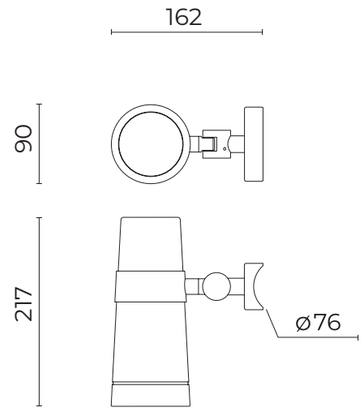


LAMP CONCEPT

Cariboni Group

Kono zoom

Pole



DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
terra / ground

Inclinazione / Inclination:
-60° ÷ +90°; rotazione + 359°
-60° ÷ +90°; rotation + 359°

ACCESSORI / ACCESSORIES

06KN905C0
Palo H = 4000 mm Ø 76 mm per installazione di max N. 3 Kono / Pole H = 4000 mm Ø 76 mm for the installation of maximum N. 3 Kono



BAMBOO & BAMBOO MINI

Paletti con distribuzione luminosa radente, simmetrica o asimmetrica, ideale per l'illuminazione di aree verdi e camminamenti.

Small poles with symmetrical or asymmetrical grazing light distribution, ideal for lighting green areas and paths.



LAMP CONCEPT

NOLI
Italy

220 240V | 50 60Hz | CL II | IP66 * | IP65 ** | IK10 * | IK09 ** | ta -30°C +50°C | CE | ROHS

* Bamboo
** Bamboo mini

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
425 - 1000 lm

Potenza apparecchio / Fitting power:
7,6 - 12 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
DALI

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K

MATERIALI / MATERIALS

Corpo, collimatore e flangia di base
Body, collimator and fixing base:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Fusto / Steam pole:
alluminio estruso
extruded aluminium alloy

Gruppo ottico / Optical unit:
policarbonato opale diffondente
wide opal polycarbonate

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
Bamboo:
1,6 kg (grazer), 3 kg (H 400 mm), 4,6 kg (H 900 mm)
Bamboo mini:
0,8 kg (grazer), 1,6 kg (H 375 mm), 2,5 kg (H 895 mm)

Alimentazione elettronica / Electronic power supply:
inclusa, esclusa solo nella versione Bamboo mini Grazer - Wall DALI / internal, external only in Bamboo mini Grazer - Wall DALI version

Precablaggio / pre-wiring:
versione bollard fornita con cavo e connettore; predisposizione entra-esci
bollard version is supplied with cable and connector; in and out setup

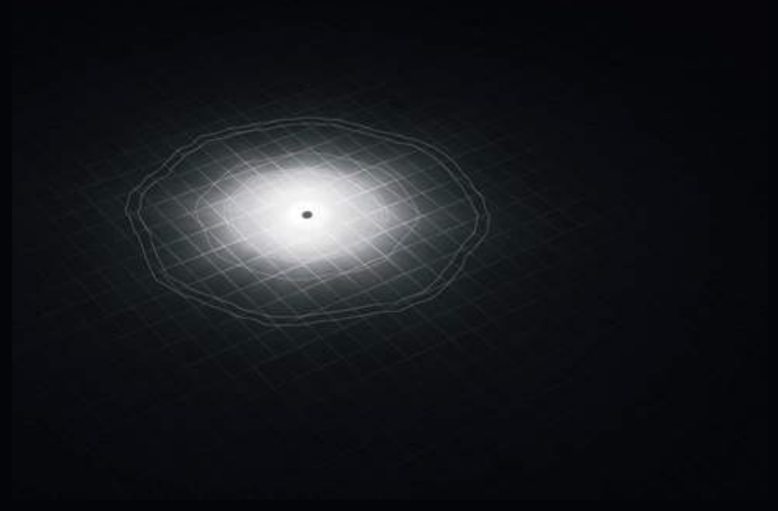
Installazione / Installation:
terra, parete / ground, wall

Fissaggio / Fixing system:
con tirafondi (fornibili) o tasselli / with metal anchors (available) or plugs



OTTICHE / OPTICS

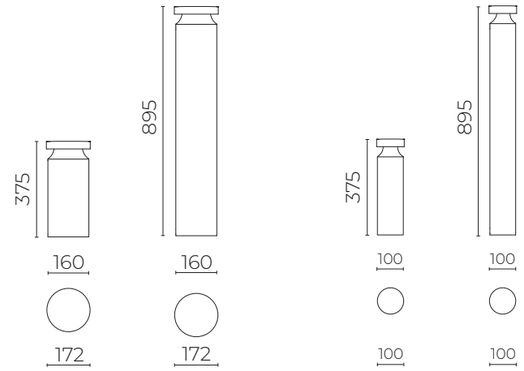
RS-D 360° Rotosymmetric Diffused Beam



AD 180° Asymmetric Diffused Beam (only Bamboo)

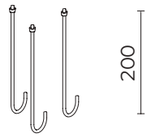


Bamboo & Bamboo mini
Bollard



ACCESSORI / ACCESSORIES

06PY999X0
Kit tirafondi
Anchoring bolts kit 30





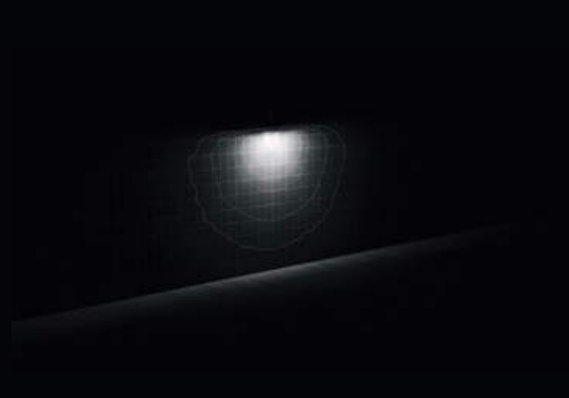
OTTICHE / OPTICS

PARETE / WALL

RS-D 360° Rotosymmetric Diffused Beam

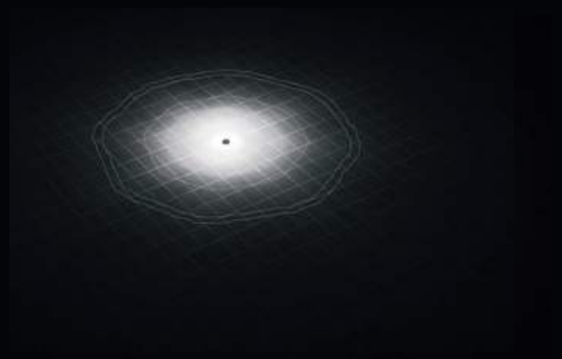


AD 180° Asymmetric Diffused Beam (only Bamboo)



GRAZER

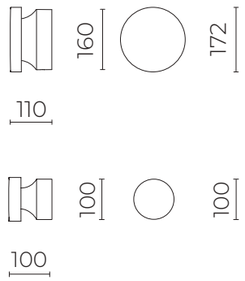
RS-D 360° Rotosymmetric Diffused Beam



AD 180° Asymmetric Diffused Beam (only Bamboo)

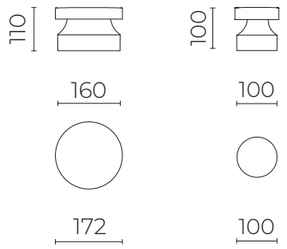


Bamboo & Bamboo mini
Wall



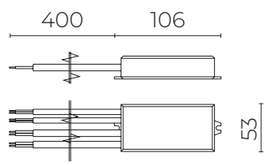


Grazer



ACCESSORI / ACCESSORIES

06BM902X0
Kit driver DALI per Bamboo mini / Kit
DALI driver for Bamboo mini





IOTA

Paletti con distribuzione luminosa simmetrica o asimmetrica, ideale per l’illuminazione aree verdi e camminamenti.

Bollard with symmetrical or asymmetrical light distribution, ideal for lighting green areas and paths.



220 240V | 50 60Hz | CL II | IP66 | IK10 | ta -30°C +50°C | CE | ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
425 – 1000 lm

Potenza apparecchio / Fitting power:
9,5 – 12 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
DALI

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
3,5 kg (375 mm), 6 kg (895 mm)

Alimentazione elettronica / Electronic power supply:
inclusa / included

Precablaggio / Pre-wiring:
versione bollard fornita con cavo e connettore;
predisposizione entra-esci
bollard version is supplied with cable and connector;
in and out setup

Installazione / Installation:
terra / ground

Fissaggio / Fixing system:
con tirafondi (fornibili) o tasselli / with metal anchors (available) or plug

MATERIALI / MATERIALS

Corpo, collimatore e flangia di base
Body, collimator and fixing base:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Fusto / Steam pole:
alluminio estruso
extruded aluminium alloy

Gruppo ottico / Optical unit:
policarbonato opale diffondente
wide opal polycarbonate

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006

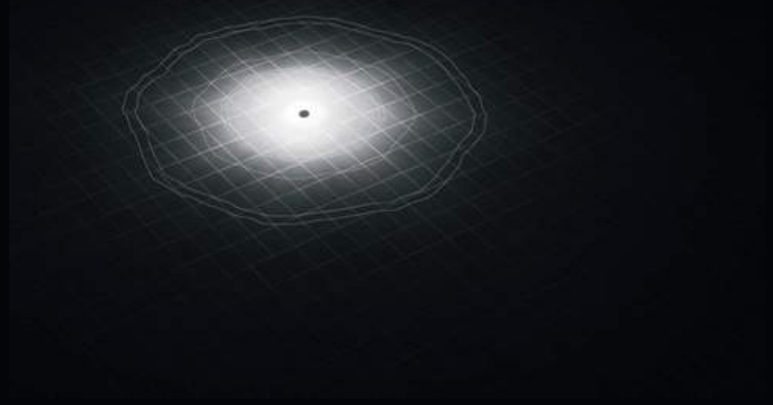
BOLLARD
895

BOLLARD
375



OTTICHE / OPTICS

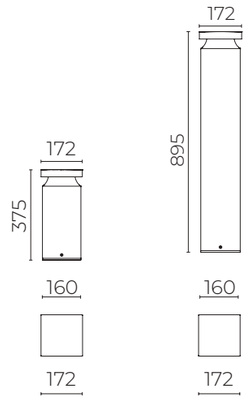
RS-D 360° Rotosymmetric Diffused Beam



AD 180° Asymmetric Diffused Beam

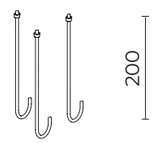


Iota
Bollard



ACCESSORI / ACCESSORIES

06PY999X0
Kit tirafondi
Anchoring bolts kit





LIT XS

Applique monoemissione e bollard dalla forma compatta ed essenziale, ideale per l’illuminazione di portici, passaggi pedonali, aree esterne agli edifici e aree verdi, sia in contesti pubblici che privati.

Wall-mounted mono-emission product and bollard with a compact, clean shape, ideal for lighting arcades, pedestrian pathways, areas outside offices and green areas.



ANDORA
Italy

220 240V | 50 60Hz | CL II | IP66 | IK08 | ta -30°C +50°C | CE | ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
500 - 550 lm (applique), 460 - 500 lm (bollard)

Potenza apparecchio / Fitting power:
10,5 W (applique), 8 W (bollard)

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
DALI su richiesta / DALI on request

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K

MATERIALI / MATERIALS

Corpo / Body:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Palo / Pole:
alluminio estruso
extruded aluminium

Schermo / Screen:
vetro comfort / glass comfort

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza (bollard)
high-transparency PMMA lenses (bollard)

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
2 kg (applique), 4 kg (bollard H 500),
6 kg (bollard H 1000)

Alimentazione elettronica / Electronic power supply:
versione ON-OFF inclusa, versione DALI esclusa
ON-OFF version included, DALI version external

Precablaggio / Pre-wiring:
versione bollard fornita con cavo e connettore
bollard version is supplied with cable and connector

Installazione / Installation:
parete, terra / wall, ground



WALL

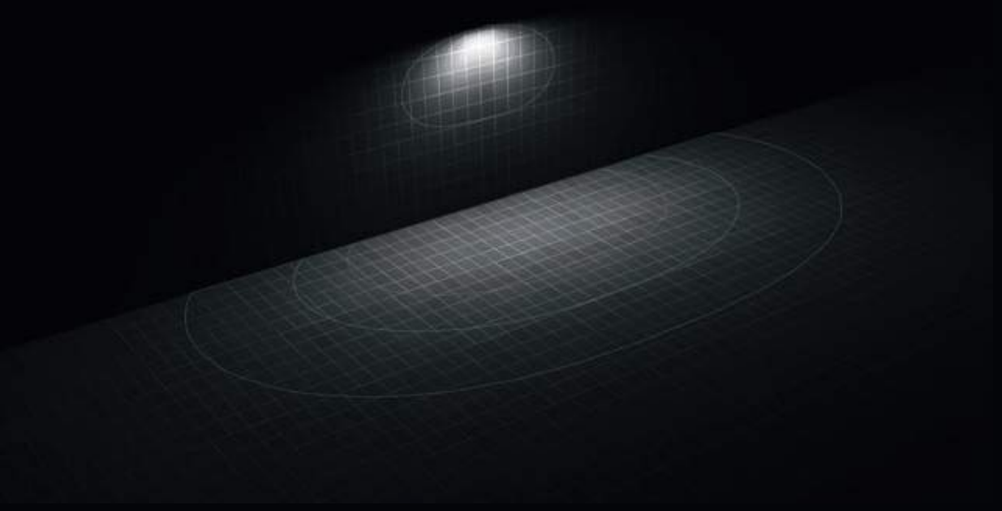
BOLLARD
1000



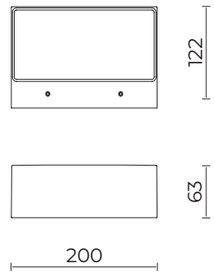
BOLLARD
500

OTTICHE / OPTICS

AS-D Asymmetric Diffused Beam



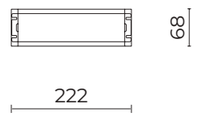
Lit xs
Wall



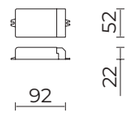


ACCESSORI / ACCESSORIES

06LL914AB0
Driver elettronico DALI 150W 24V IP67
DALI electronic driver 150W 24V IP67



06LX900X0
D1 - Driver DALI 20W 24V IP20
DALI driver 20W 24V IP20

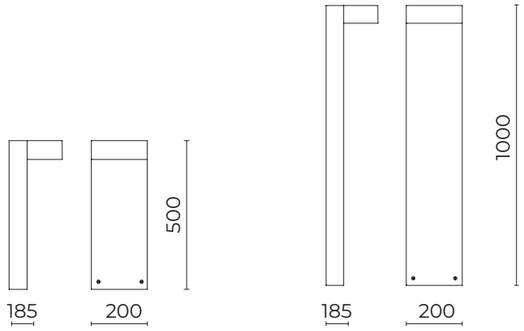


OTTICHE / OPTICS

AS-D Asymmetric Diffused Beam

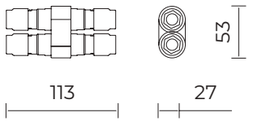


Lit xs
Bollard

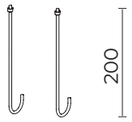


ACCESSORI / ACCESSORIES

06KS909C0
B89 - Connettore 4 vie IP68
4-way connector IP68



06LT931J0
Kit tirafondi
Kit metal anchors





APLOS

APLOS è un floor-washer per camminamenti, scale e rampe caratterizzato da un design minimale che nulla aggiunge all'essenza della sua funzione.

APLOS is a floor-washer for walkways, stairs and ramps, featuring a minimal design that does nothing to alter the essence of its function.



MONTE ISOLA
Italy

Aplos

220 240V | 50 60Hz | CL I WALL RECESSED | CL II BOLLARD | IP66 | IK08 | ta -30°C +50°C | CE | ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
250 - 290 lm

Potenza apparecchio / Fitting power:
7,5 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
DALI su richiesta / DALI on request

MATERIALI / MATERIALS

Corpo e cover / Body and cover:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%), palo in alluminio estruso
die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%), extruded aluminium pole

Collimatore ottico / Optical collimator:
nylon PA66

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
1 kg (incasso parete), 4 kg (bollard)
1 kg (wall recessed), 4 kg (bollard)

Alimentazione elettronica / Electronic power supply:
inclusa / included

Precablaggio / Pre-wiring:
versione bollard fornita con cavo e connettore. Versione incasso parete con ingresso cavo posteriore e precablaggio con cavo uscente; predisposizione entra-esci / bollard version is supplied with cable and connector. Wall-recessed version with rear cable entry and pre-wiried with outgoing cable; in and out setup

Installazione / Installation:
parete, terra / wall, ground

Fissaggio / Fixing system:
versione bollard con tirafondi / bollard version with metal anchors

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K



INCASSO PARETE
WALL RECESSED



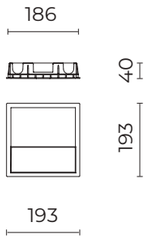
BOLLARD

OTTICHE / OPTICS

AS-D Asymmetric Diffused Beam



Aplos
Incasso parete / Wall recessed

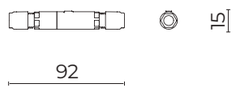


COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- CORTEN
- RAL9003

ACCESSORI / ACCESSORIES

06AP902X0
M2 - Connettore IP68 3P CL I
Connector IP68 3P CL I



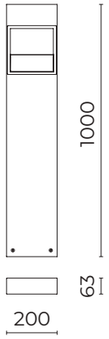


OTTICHE / OPTICS

AS-D Asymmetric Diffused Beam



Aplos
Bollard

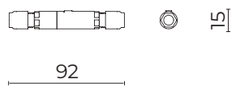


COLORI / COLOURS

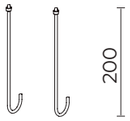
- SABLÉ 100 NOIR
- RAL9006
- CORTEN

ACCESSORI / ACCESSORIES

06AP902X0
M2 - Connettore IP68 3P CL I
Connector IP68 3P CL I



06LT931J0
B168 - Kit tirafondi
Kit metal anchors





FIN

FIN è un floor-washer per camminamenti, scale e rampe, caratterizzato da un design minimale che nulla aggiunge all’essenza della sua funzione.

FIN is a floor-washer for walkways, stairs and ramps, featuring a minimal design that does nothing to alter the essence of its function.



Fin

220 240V | 50 60Hz | CL I | IP65 | IK08 | ta -30°C +50°C | CE | ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1215 - 1300 lm

Potenza apparecchio / Fitting power:
16 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
4,7 kg (incasso parete), 12 kg (bollard)
4,7 kg (wall recessed), 12 kg (bollard)

Alimentazione elettronica / Electronic power supply:
inclusa / included

Precablaggio / Pre-wiring:
versione bollard fornita con cavo e connettore
bollard version is supplied with cable and connector

Installazione / Installation:
incasso parete, terra / wall recessed, ground

MATERIALI / MATERIALS

Corpo / Body:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%), palo in alluminio estruso
die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%), extruded aluminium pole

Schermo / Screen:
vetro piano sabbiato / sandblasted flat glass

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K



INCASSO PARETE
WALL RECESSED



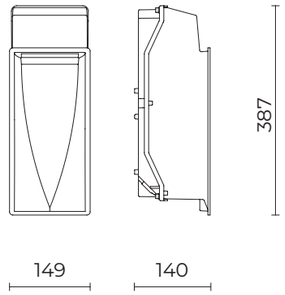
BOLLARD

OTTICHE / OPTICS

AS-D Asymmetric Diffused Beam



Fin
Incasso parete / Wall recessed

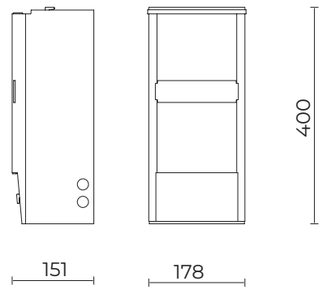


COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- RAL9003

ACCESSORI / ACCESSORIES

06FI990J0
Controcassa per installazione a parete
Recessed housing for wall-mounting







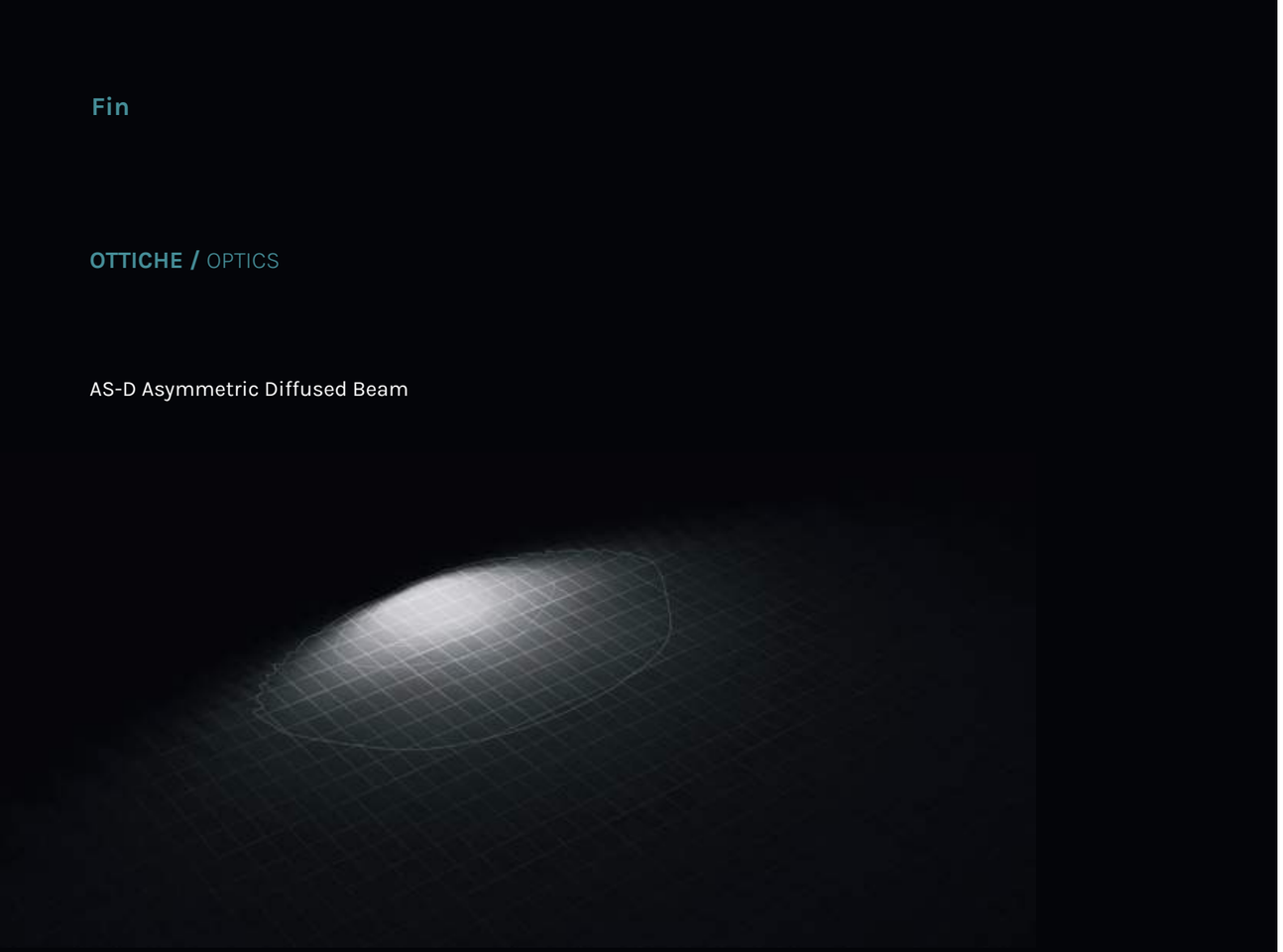
ROME
Italy



SANT JUST
Spain

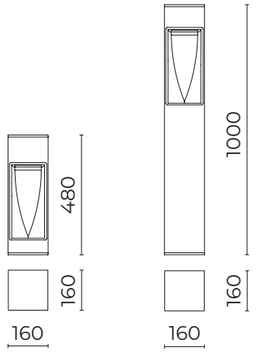
OTTICHE / OPTICS

AS-D Asymmetric Diffused Beam



LAMP CONCEPT
Cariboni Group

Fin
Bollard

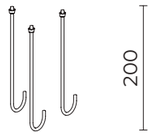


COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006

ACCESSORI / ACCESSORIES

06PY999X0
Kit tirafondi
Anchoring bolts kit





FIN XS

FIN XS è un floor-washer dalle dimensioni compatte, ideale per l'illuminazione di camminamenti, scale e rampe.

FIN XS is a compact floor-washer, ideal for lighting walkways, stairs and ramps.



Fin xs

220 240V | 50 60Hz | CL II | IP65 | IK06 | ta -30°C +50°C | CE | ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
95 lm

Potenza apparecchio / Fitting power:
4,5 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
0,3 kg (incasso parete), 6 kg (bollard)
0,3 kg (wall recessed), 6 kg (bollard)

Alimentazione elettronica / Electronic power supply:
inclusa / included

Precablaggio / Pre-wiring:
versione bollard fornita con cavo e connettore
bollard version is supplied with cable and connector

Installazione / Installation:
incasso parete, terra / wall recessed, ground

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- RAL9003 (only wall recessed version)

MATERIALI / MATERIALS

Corpo / Body:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%), palo in alluminio estruso
die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%), extruded aluminium pole

Schermo / Screen:
vetro piano sabbiato / sandblasted flat glass

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K



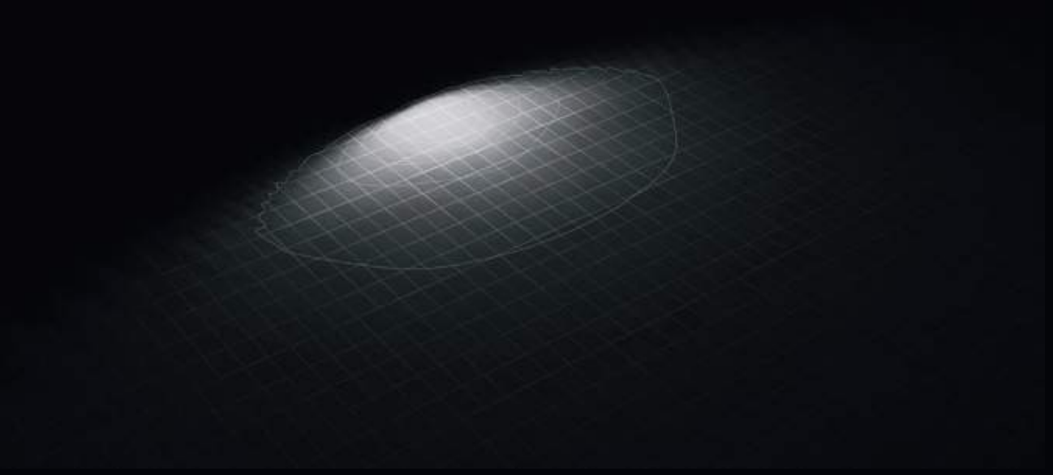
INCASSO PARETE
WALL RECESSED



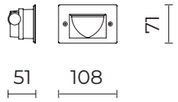
BOLLARD

OTTICHE / OPTICS

AS-D Asymmetric Diffused Beam

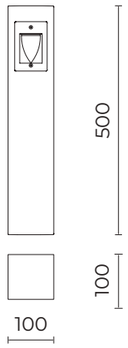


Fin
Incasso Parete / Wall recessed





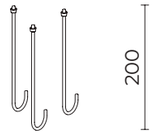
Bollard





ACCESSORI / ACCESSORIES

06PY999X0
Kit tirafondi
Anchoring bolts kit





SUKOŠAN
Croatia

VODICE
Croatia





SAVONA
Italy

IBIZA
Spain



EKLEIPSIS



EKLEIPSIS sembra modellata dalla sua stessa luce, come se la luce avesse eroso il metallo in cui era imprigionata per uscirne fuori morbidamente.

EKLEIPSIS seems to be modelled by his own light, as if the light had eroded the metal in which it was imprisoned to come out softly.

BERGAMO
Italy

Ekleipsis

220 240V | 50 60Hz | CL I | CL II* | IP66 | IK08 | IK10** | ta -30°C +50°C | CE | ROHS

* Bollard, pole
** Bollard small

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
444 - 2073 lm

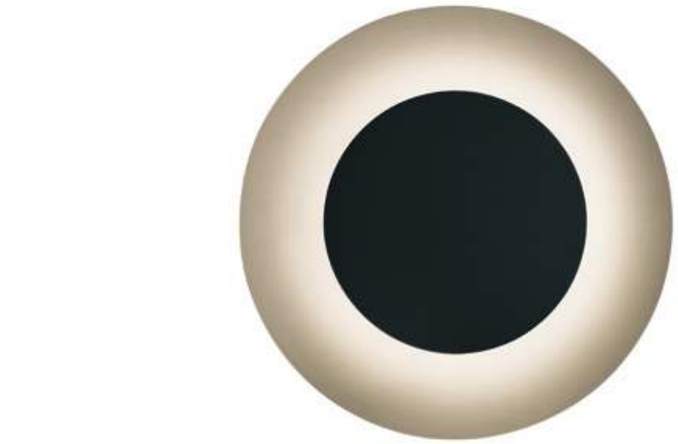
Potenza apparecchio / Fitting power:
13 - 50 W

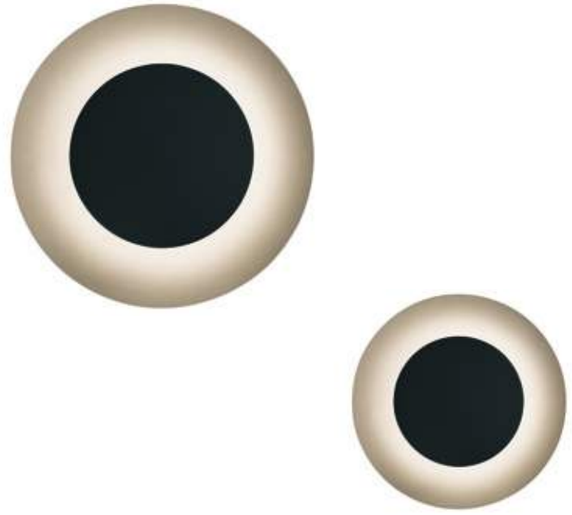
Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
DALI su richiesta (medium, large) / DALI on request (medium, large)

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K





MATERIALI / MATERIALS

Corpo / Body:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%), palo in alluminio estruso
die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%) extruded aluminium pole

Gruppo ottico / Optical unit:
lente in policarbonato / polycarbonate lens

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

CARATTERISTICHE / FEATURES

Alimentazione elettronica / Electronic power supply:
inclusa / included

Installazione / Installation:
parete, soffitto, bollard, palo / wall, ceiling, bollard, pole

OTTICHE / OPTICS

R-D Rotosymmetric Diffused Beam



LAMP CONCEPT
Cariboni Group

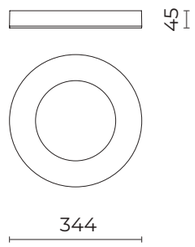
Ekleipsis
Parete / Wall



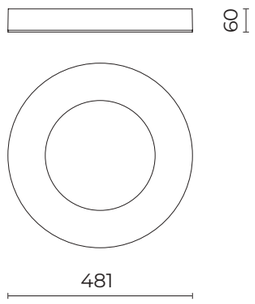
SMALL



MEDIUM



LARGE



DATI TECNICI / TECHNICAL DATA

Peso massimo / Max weight:
1,3 kg (small), 2,4 kg (medium), 5 kg (large)

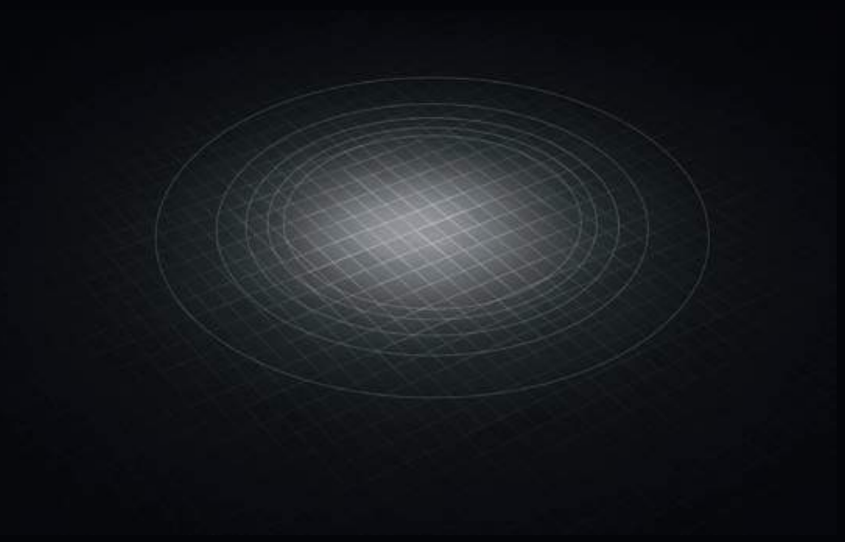
Installazione / Installation:
parete /wall-mounted

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- RAL9003

OTTICHE / OPTICS

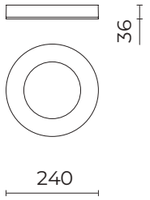
R-D Rotosymmetric Diffused Beam



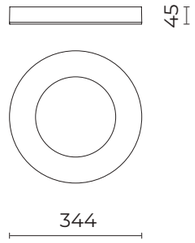
Ekleipsis
Soffitto / Ceiling



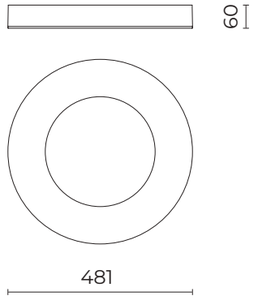
SMALL



MEDIUM



LARGE



DATI TECNICI / TECHNICAL DATA

Peso massimo / Max weight:
1,3 kg (small), 2,4 kg (medium), 5 kg (large)

Installazione / Installation:
soffitto / ceiling-mounted

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- RAL9003

OTTICHE / OPTICS

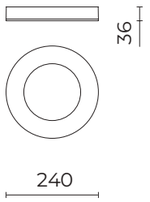
R-D Rotosymmetric Diffused Beam



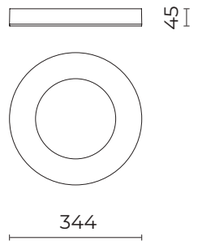
LAMP CONCEPT
Cariboni Group

Ekleipsis
Incasso soffitto / Ceiling recessed

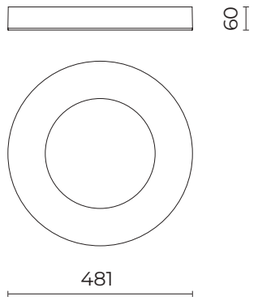
SMALL



MEDIUM



LARGE



DATI TECNICI / TECHNICAL DATA

Peso massimo / Max weight:
1,3 kg (small), 2,4 kg (medium), 5 kg (large)

Installazione / Installation:
incasso soffitto / ceiling-recessed

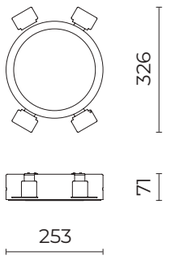
COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- RAL9003

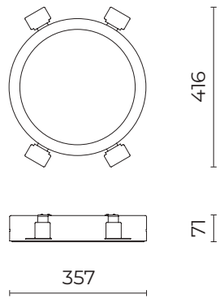
ACCESSORI / ACCESSORIES

Kit incasso per soffitti in cartongesso
Recessed kit for plasterboard ceilings

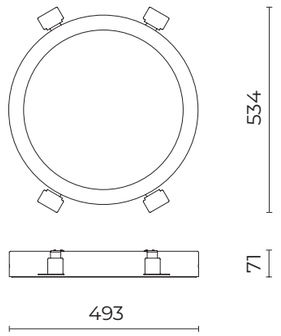
06EK900J
Small



06EK901J
Medium



06EK902J
Large





SUKOŠAN
Croatia

BRATISLAVA
Slovakia





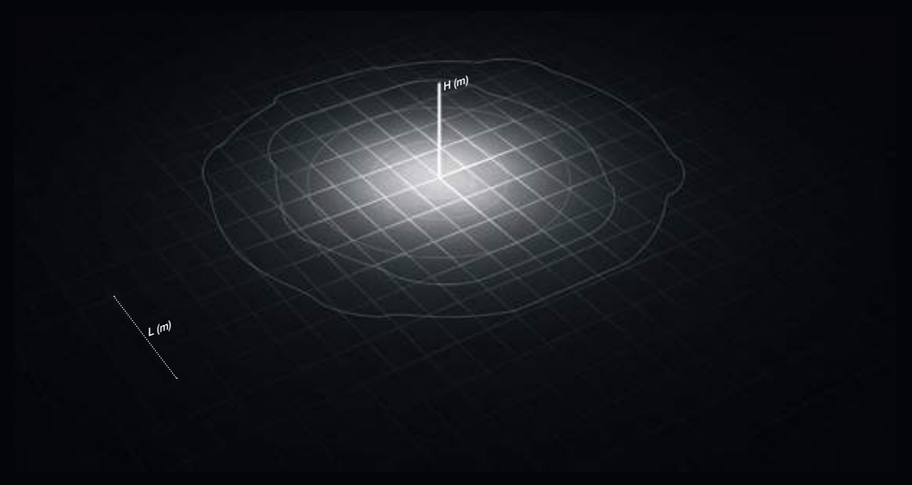
BERGAMO
Italy

VIC
Spain



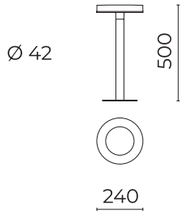
OTTICHE / OPTICS

R-D Rotosymmetric Diffused Beam

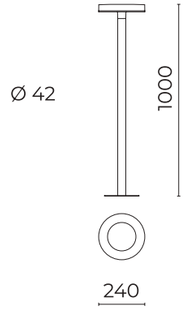


Ekleipsis
Bollard

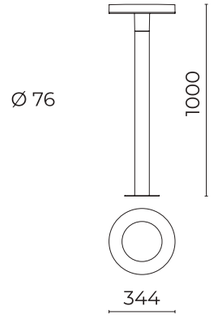
SMALL 500



SMALL 1000



MEDIUM 1000



DATI TECNICI / TECHNICAL DATA

Peso massimo / Max weight:
7,5 kg (small), 16 kg (medium)

Protezione contro le sovratensioni
Surge Protection Device:
MC 6 kV (small), 3 kV (medium)
MD 10 kV (small), 8 kV (medium)

Installazione / Installation:
terra, con piastra di base
ground, with base plate

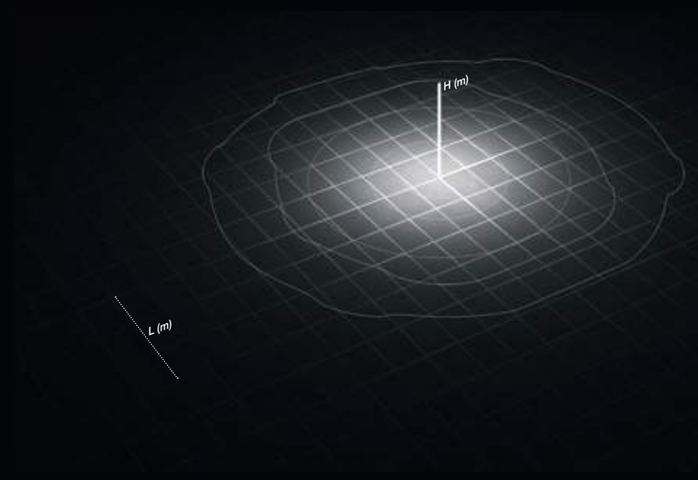
COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006



OTTICHE / OPTICS

R-D Rotosymmetric Diffused Beam

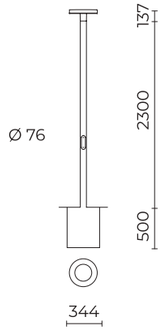


LAMP CONCEPT

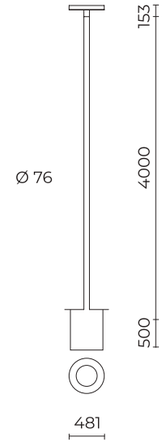
Cariboni Group

Ekleipsis
Palo / Pole

MEDIUM



LARGE





DATI TECNICI / TECHNICAL DATA

Peso massimo / Max weight:
16 kg (medium), 34 kg (large)

Protezione contro le sovratensioni
Surge Protection Device:
MC 3 kV (medium), 4 kV (large)
MD 8 kV

Installazione / Installation:
terra, mediante interramento
ground, with burried pole

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006

LAMP CONCEPT

OMIKRON MINI

Il proiettore della linea OMIKRON per installazione a terra, parete e su palo pensato per valorizzare elementi architettonici e naturali, enfatizzare facciate e camminamenti.

Floodlight belonging to OMIKRON line and designed for ground, wall-mounted or pole-mounted installation. It’s ideal for enhancing architectural and natural elements and emphasising facades and walkways.





MILAN
Italy



BERGAMO
Italy

Omikron mini

220 240V | 50 60Hz | CL II | CL III (DALI) | IP66 | IK07 | ta -30°C +50°C | CE | ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
75 - 545 lm

Potenza apparecchio / Fitting power:
4,2 - 7,8 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
DALI, driver esterno / DALI, external driver

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
1 kg, 1,5 kg (bollard)

Alimentazione elettronica / Electronic power supply:
inclusa (opzione ON-OFF) / included (ON-OFF option)

Precablaggio / pre-wiring:
incluso, fornito con cavo 1,5 m
included, provided with 1,5 m cable

Installazione / Installation:
terra, parete, palo / ground, wall, pole

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

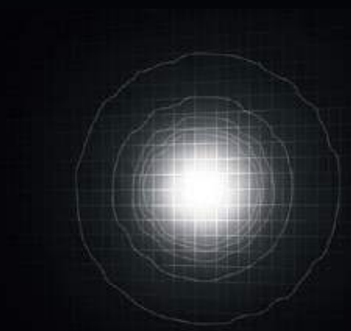
Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

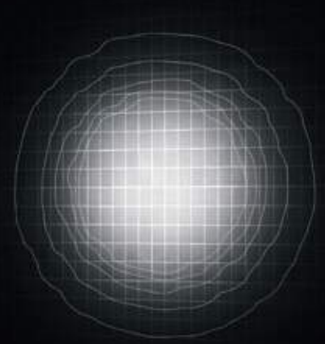


OTTICHE / OPTICS

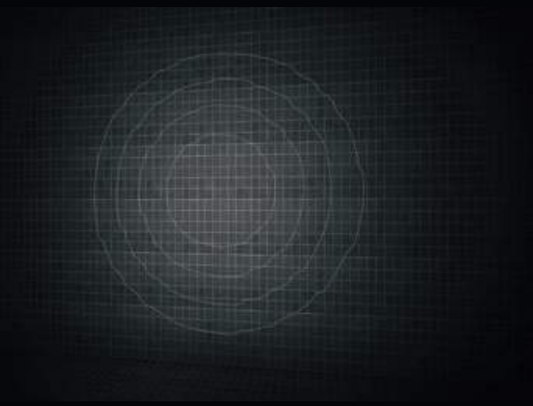
C 10° Narrow Beam



M 25° Medium Beam



U-D 90° Diffused Beam

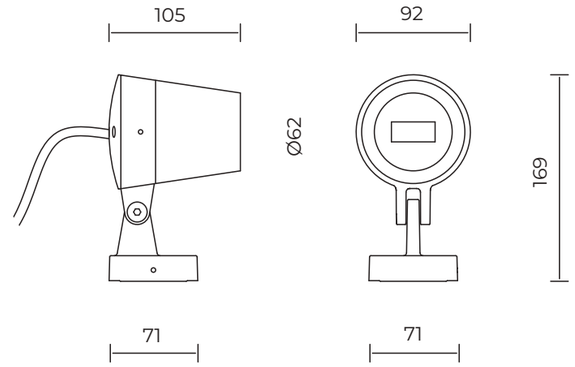


Blade 6°x90° *



* optic available only in 3000 K and 4000 K.

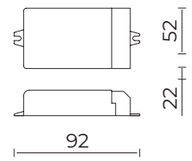
Omikron mini
Flood



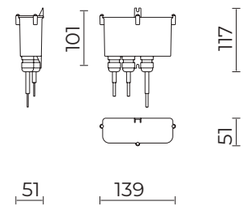


ACCESSORI / ACCESSORIES

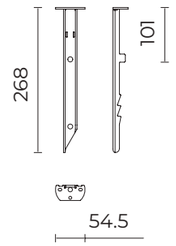
060M902X0
D6 - Driver DALI 20W 24V
IP20 max 2 Omikron mini
DALI driver 20W 24V IP20
max 2 Omikron mini



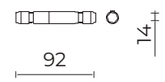
060M903X0
D7 - Kit driver DALI 20W 24V
IP67 max 2 mini
Driver kit DALI 20W 24V IP67
max 2 Omikron mini



06AK957B0
I2 - Picchetto per interramento
Spike for ground



06GC902X0
B165 - Connettore 2 poli IP68
2 pole connector IP68

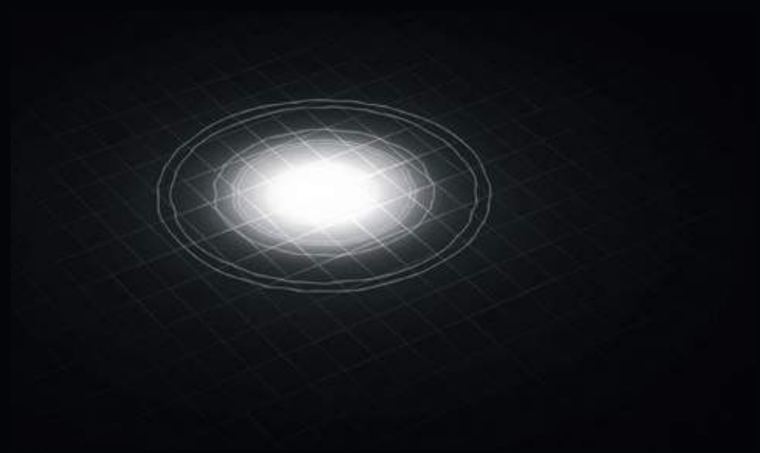


COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- CORTEN
- RAL9003

OTTICHE / OPTICS

M 25° Medium Beam



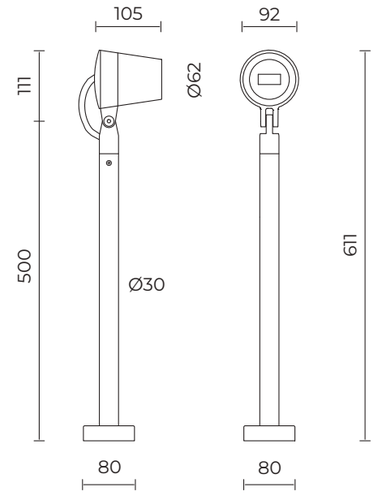
U-D 90° Diffused Beam



LAMP CONCEPT

Cariboni Group

Omikron mini
Bollard



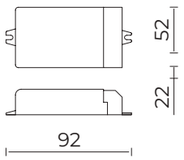
COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006

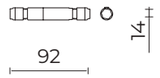


ACCESSORI / ACCESSORIES

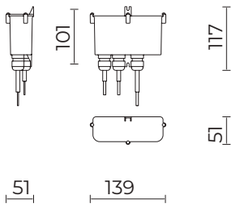
060M902X0
D6 - Driver DALI 20W 24V IP20 max 2 Omikron mini
DALI driver 20W 24V IP20 max 2 Omikron mini



06GC902X0
B165 - Connettore 2 poli
2 pole connector



060M903X0
D7 - Kit driver DALI 20W 24V IP67 max 2 Omikron mini / Driver kit
DALI 20W 24V IP67 max 2 Omikron mini

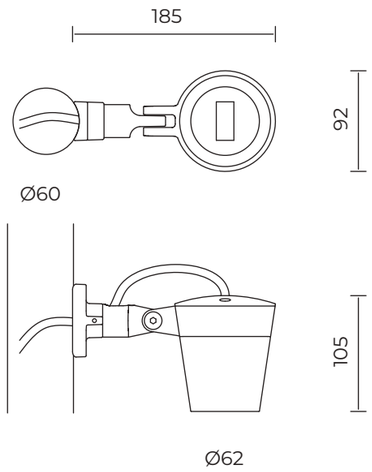


OTTICHE / OPTICS

M 25° Medium Beam

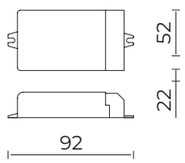


Omikron mini
Pole

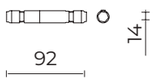


ACCESSORI / ACCESSORIES

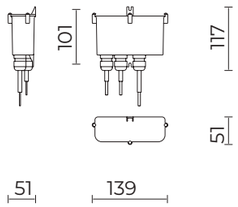
060M902X0
D6 - Driver DALI 20W 24V IP20 max 2 Omikron mini
DALI driver 20W 24V IP20 max 2 Omikron mini



06GC902X0
B165 - Connettore 2 poli
2 pole connector



060M903X0
D7 - Kit driver DALI 20W 24V IP67 max 2 Omikron mini
Driver kit DALI 20W 24V IP67 max 2 Omikron mini



COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006

OMIKRON

Una soluzione compatta e flessibile per valorizzare lo spazio attraverso l’illuminazione d’accento e diffusa di facciate, spazi urbani e aree verdi.

Compact and flexible solution to enhance spaces through accent and diffuse lighting of facades, urban spaces and green areas.



Omikron

220 240V | 50 60Hz | CL II | IP66 | IK08 | ta -30°C +50°C | CE | ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1210 - 1310 lm

Potenza apparecchio / Fitting power:
20W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 90, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
DALI su richiesta / DALI on request

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
2 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

Precablaggio / pre-wiring:
prodotto pre-cablato con cavo
pre-wired product with cable

Installazione / Installation:
terra, parete, palo / ground, wall, pole

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato
tempered flat glass

Gruppo ottico / Optical unit:
lente in tecnopolimero ad alta trasparenza
highly transparent technopolymer lens

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

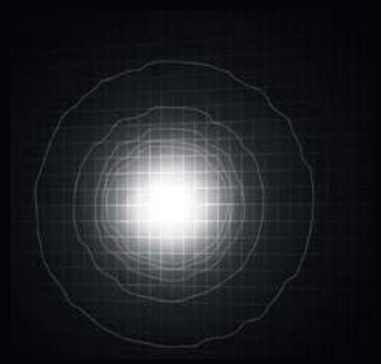
COLORI / COLOURS

- SABLÉ 100 NOIR

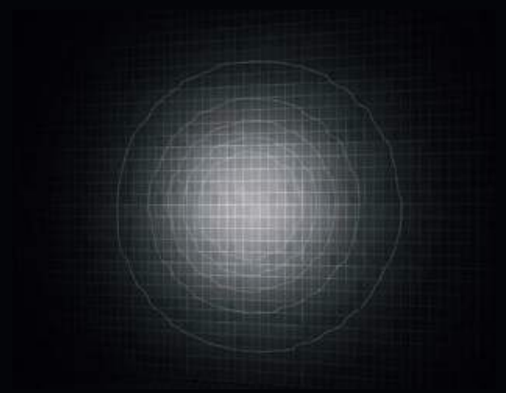


OTTICHE / OPTICS

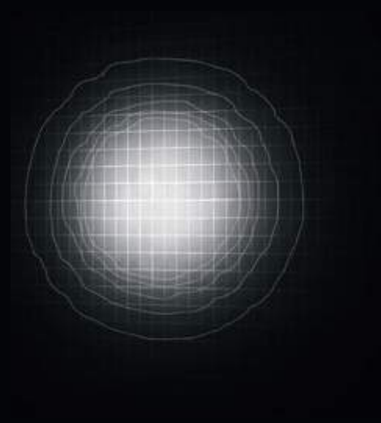
C 10° Narrow Beam



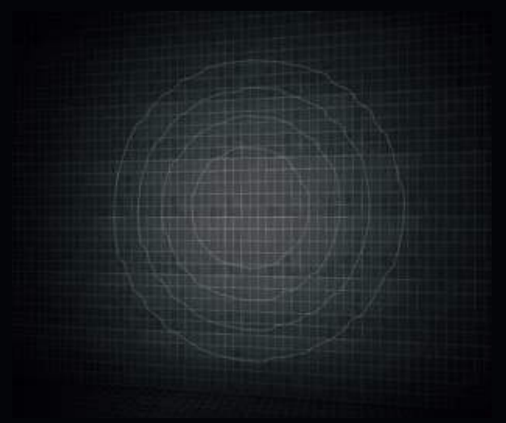
D 45° Wide Beam



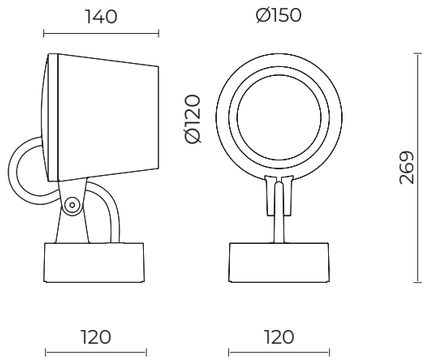
M 25° Medium Beam



U-D 90° Diffused Beam



Omikron
Flood / Pole





DATI TECNICI / TECHNICAL DATA

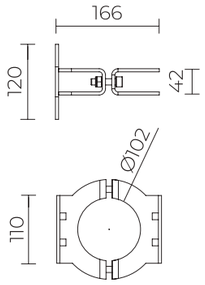
Installazione / Installation:
terra, parete, palo (Ø 102 mm) con accessorio
ground, wall-mounted, pole (Ø 102 mm) with accessory

Disponibili, su richiesta, versioni con honeycomb
On request, are available versions with honeycomb

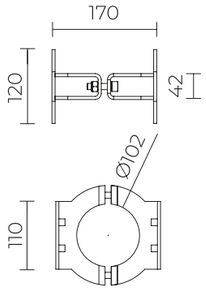
Inclinazione / Inclination:
+90° ÷ -45°, rotazione ±30°
+90° ÷ -45°, rotation ±30°

ACCESSORI / ACCESSORIES

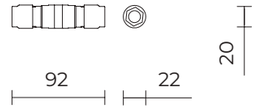
06OM904C0
B136 Anello per palo Ø 102 mm
Single pole ring for pole Ø 102 mm



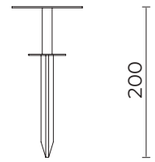
06OM905C0
Anello doppio per palo Ø 102 mm
Double pole ring for pole Ø 102 mm



06KS918C0
B137 - Connettore 2 vie IP68
2-way connector IP68



06OM901C0
B135 - Picchetto per interramento
Spike for ground installation





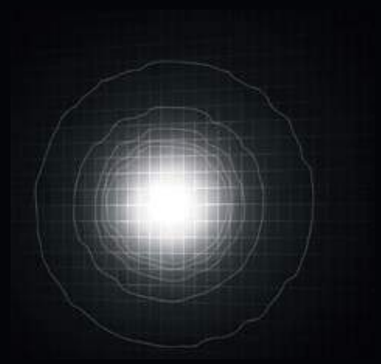
KLAIPEDA
Lithuania



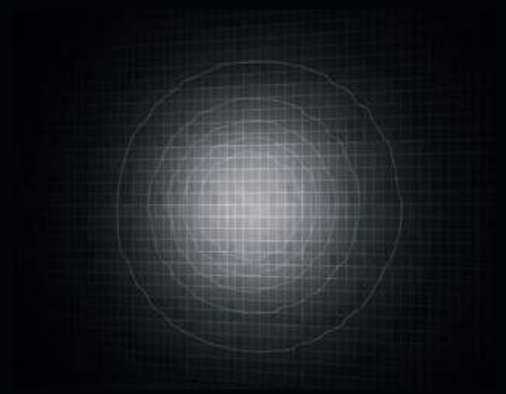
NOLI
Italy

OTTICHE / OPTICS

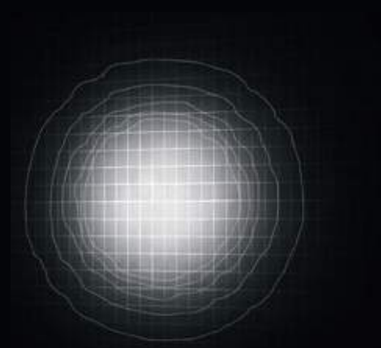
C 10° Narrow Beam



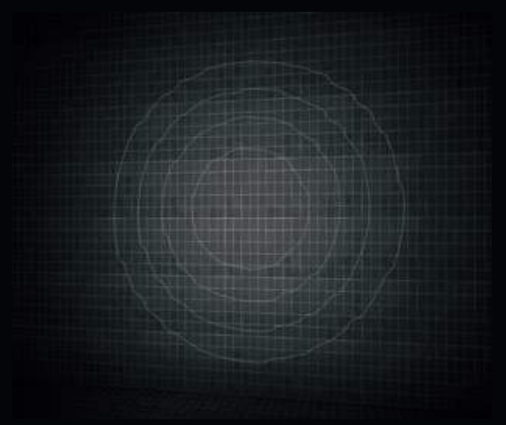
D 45° Wide Beam



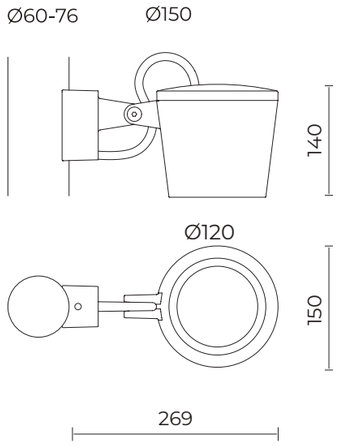
M 25° Medium Beam



U-D 90° Diffused Beam



Omikron
Pole



DATI TECNICI / TECHNICAL DATA

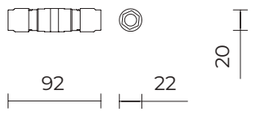
Installazione / Installation:
palo Ø 60 - 76 mm / pole Ø 60-76 mm

Disponibili, su richiesta, versioni con honeycomb
On request, are available versions with honeycomb

Inclinazione / Inclination:
+90° ÷ -45°

ACCESSORI / ACCESSORIES

06KS918C0
B137 - Connettore 2 vie IP68
2-way connector IP68





LAMP CONCEPT

OMIKRON PRO



OMIKRON PRO è il nuovo proiettore della linea Omikron pensato per illuminare facciate, percorsi e spazi urbani.

OMIKRON PRO is the new floodlight in the Omikron line designed to illuminate façades, walkways and urban spaces.

Omikron pro

220 240V | 50 60Hz | CL II | IP66 | IK08 | ta -30°C +50°C | CE | ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1695 - 3970 lm

Potenza apparecchio / Fitting power:
19 - 36 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
DALI

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
4,1 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

Resistenza sovratensioni / Surge Protection Device:
MC 10 kV
MD 6 kV

Precablaggio / pre-wiring:
prodotto pre-cablato con cavo e connettore
pre-wired product with cable and connector

Installazione / Installation:
terra, parete, palo / ground, wall, pole



OTTICHE / OPTICS

U-C 6° Ultra-Narrow Beam



D 40° Wide Beam



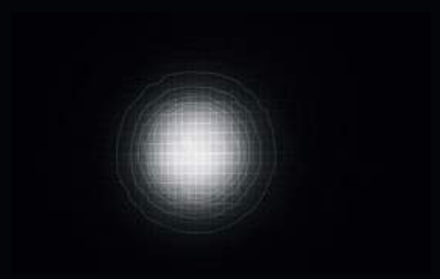
C 11° Narrow Beam



U-D 90° Diffused Beam



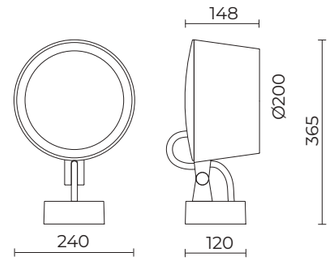
M 25° Medium Beam



LAMP CONCEPT

Cariboni Group

Omikron pro
Flood





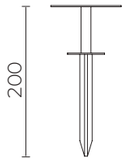
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
terra, parete / ground

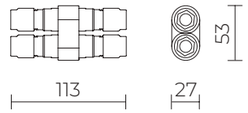
Inclinazione / Inclination:
-90° ÷ +45°, rotazione +15° ÷ -15°
+90° ÷ -45°, rotation +15° ÷ -15°

ACCESSORI / ACCESSORIES

06OM901C0
B135 - Picchetto per interramento
Spike for ground installation



06KS909C0
B89 - Connettore 4 vie IP68
4-way connector IP68



OTTICHE / OPTICS

U-C 6° Ultra-Narrow Beam



D 40° Wide Beam



C 11° Narrow Beam



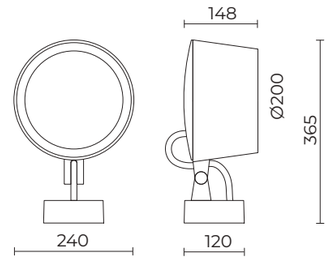
U-D 90° Diffused Beam



M 25° Medium Beam



Omikron pro
Pole





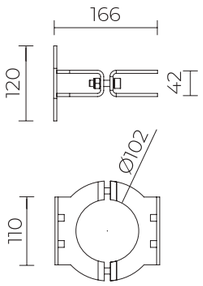
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
palo Ø 102 mm / pole Ø 102 mm

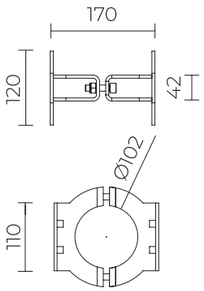
Inclinazione / Inclination:
+90° ÷ -45°, rotazione +15° ÷ -15°
+90° ÷ -45°, rotation +15° ÷ -15°

ACCESSORI / ACCESSORIES

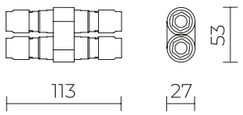
06OM904C0
B136 - Anello per palo
Ring for pole



06OM905C0
B137 - Anello doppio per palo
Double ring for pole



06KS909C0
B89 - Connettore 4 vie IP68
4-way connector IP68



SIGMA

Una forma senza tempo, declinata in un sistema completo e flessibile, rende SIGMA una soluzione per l’illuminazione di ogni ambiente urbano.

A timeless shape divided into a complete and flexible system makes SIGMA a lighting solution for any urban environment.



Sigma

220 240V | 50 60Hz | CL II | IP66 | IK08 (U-D 90°) | IK09 | ta -30°C +50°C | CE | ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1695 - 11485 lm

Potenza apparecchio / Fitting power:
19 - 107 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
DALI

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
5,1 kg (small), 9,1 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa / included

Precablaggio / Pre-wiring:
prodotto precablato con cavo e connettore
pre-wired product with cable and connector

Installazione / Installation:
terra, parete, palo / ground, wall, pole

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR

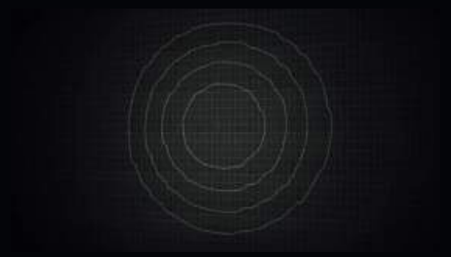


OTTICHE / OPTICS

U-C 6° Ultra-Narrow Beam



U-D 90° Diffused Beam



C 11° Narrow Beam



W-W Wall Washer



M 25° Medium Beam



E 12°x 50° Ellipsoidal Beam

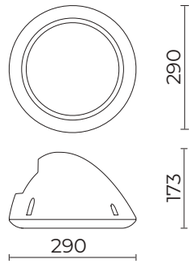


D 40° Wide Beam

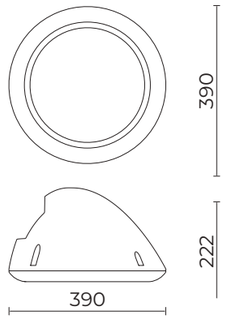


Sigma
Flood

SMALL



MEDIUM



Inclination:
-90° ÷ +35°; rotazione ±30°
-90° ÷ +35°, rotation ±30°

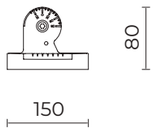
Rotazione ottica elissoidale / Ellipsoidal optics rotation:
possibilità di rotazione di 360° dell'ottica elissoidale dall'esterno, senza l'uso di utensili, con il prodotto installato ed acceso per l'ottimizzazione del puntamento
the ellipsoidal optic can be rotated on 360° from outside, without the use of tools, while product is installed and switched on for pointing optimisation



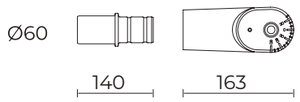
Sigma
Flood

ACCESSORIES

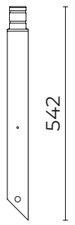
06SG903C0
B127 - Base di fissaggio ruotabile ±30°
Fixing base which can be rotated ±30°



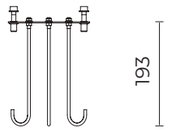
06SG904C0
B128 - Giunto per picchetto
Joint for spike



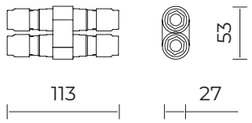
06LT908C0
B117 - Picchetto per interramento
Spike for ground installation



06LT909J0
B118 - Ancore per calcestruzzo
Anchor for concrete



06KS909C0
B89 - Connettore 4 vie IP68
4-way connector IP68



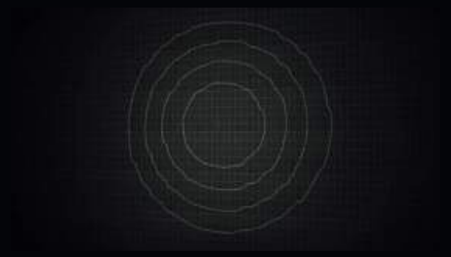


OTTICHE / OPTICS

U-C 6° Ultra-Narrow Beam



U-D 90° Diffused Beam



C 11° Narrow Beam



W-W Wall Washer



M 25° Medium Beam



E 12°x 50° Ellipsoidal Beam



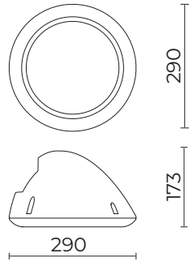
D 40° Wide Beam



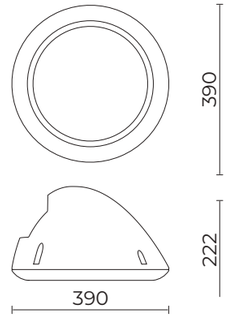
Sigma
Pole



SMALL



MEDIUM



DATI TECNICI / TECHNICAL DATA

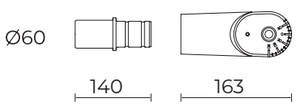
Installazione / Installation:
con accessorio 06SG904C0 su bracci Ø 60 mm, per pali Ø 60 - 76 - 102 mm / with accessory 06SG904C0 on arms Ø 60 mm, for poles Ø 60 - 76 - 102 mm

Inclinazione / Inclination:
-90° ÷ -35

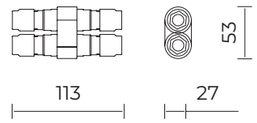
Rotazione ottica elissoidale / Ellipsoidal optics rotation:
possibilità di rotazione di 360° dell'ottica elissoidale dall'esterno, senza l'uso di utensili, con il prodotto installato ed acceso per l'ottimizzazione del puntamento / the ellipsoidal optic can be rotated on 360° from outside, without the use of tools, while product is installed and switched on for pointing optimisation

ACCESSORI / ACCESSORIES

06SG904C0
B128 - Giunto orientabile
Adjustable joint



06KS909C0
B89 - Connettore 4 vie IP68
4-way connector IP68

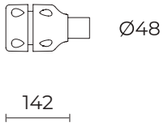


Sigma
Pole

ACCESSORI E BRACCI / ACCESSORIES AND ARMS

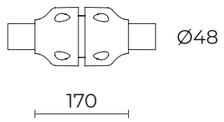
01AK903C0
L3 - Kit giunto per palo
Joint kit for pole

Ø60÷76



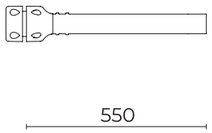
01AK904C0
L4 - Kit giunto doppio per palo
Double joint kit for pole

Ø60÷76



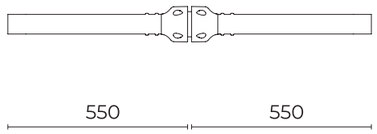
01AK921C0
B1 - Braccio per pali
Arm for poles

Ø60÷76



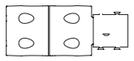
01AK922C0
B2 - Braccio doppio per pali
Double arm for poles

Ø60÷76



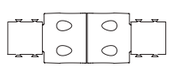
06AK916C0
B139 - Anello per pali
Ring for poles

Ø102



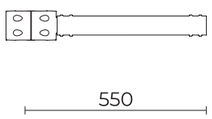
06AK917C0
B140 - Anello doppio per pali
Double ring for poles

Ø102



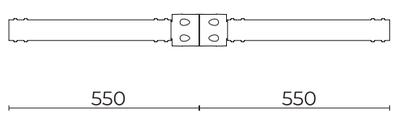
06AK907C0
B155 - Braccio per pali
Arm for poles

Ø102



06AK909C0
B157 - Braccio doppio per pali
Double arm for poles

Ø102





TREVIGLIO
Italy

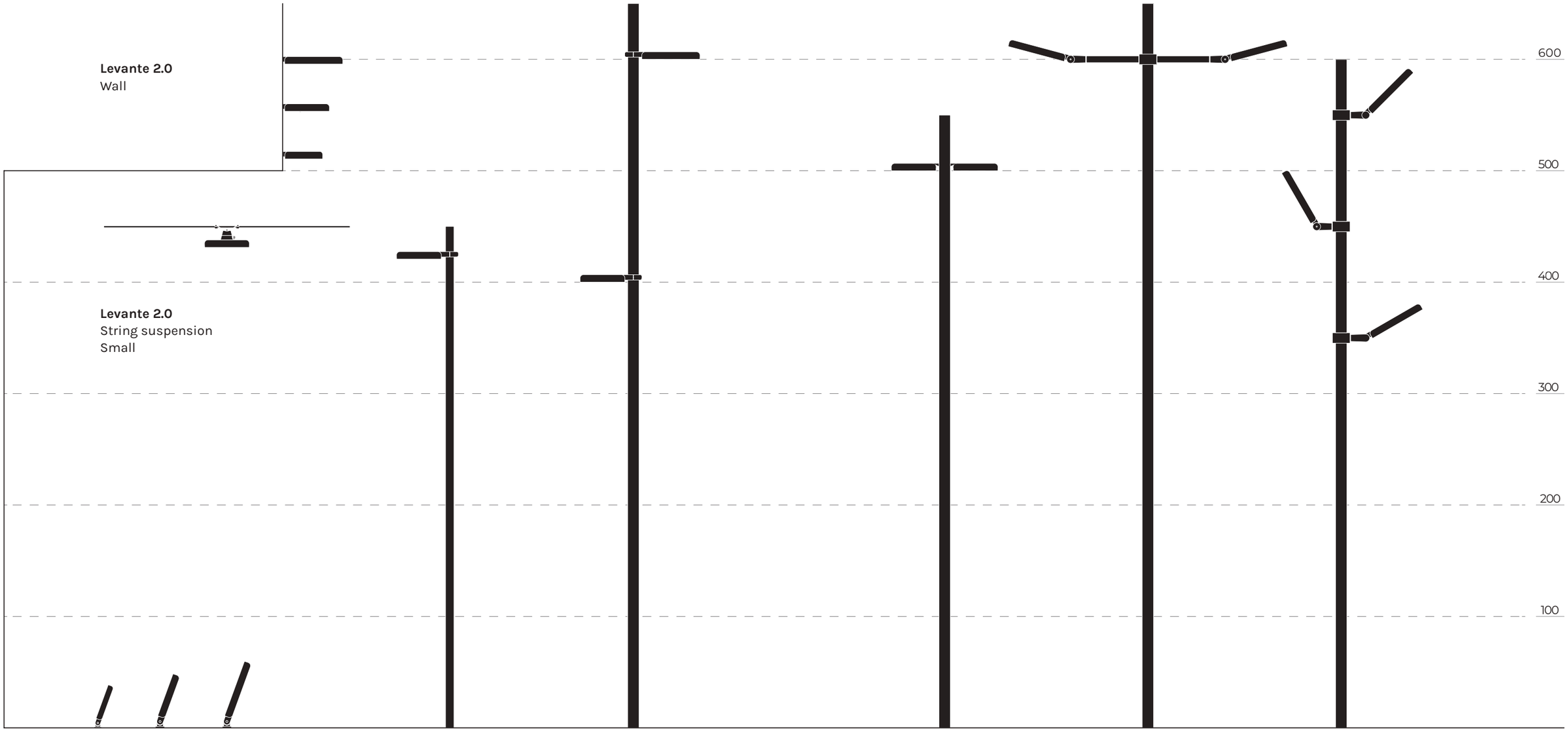
LEVANTE 2.0

LEVANTE 2.0 è un sistema completo e flessibile per l'illuminazione di vuoti e pieni urbani: percorsi, spazi e architetture. I sistemi ottici per proiezione sono disponibili anche in RGBW. Le versioni ECO-CENTRIC LIGHTING di LEVANTE 2.0 tutelano la biodiversità e il benessere degli esseri umani.

LEVANTE 2.0 is a complete and flexible system for lighting empty and full urban locations, such as pathways, spaces and architecture. Its projection optical systems are also available in RGBW. The ECO-CENTRIC LIGHTING versions of LEVANTE 2.0 protect biodiversity and human well-being.







Levante 2.0
Wall

Levante 2.0
String suspension
Small

Levante 2.0
Flood

Levante 2.0
Poles

Levante 2.0
Brackets & poles

220-240V
24V (RGBW)

50
60Hz

CL II

CL I
(RGBW)

IP66

IK09

ta
-30°C
+50°C

CE

ROHS

03

PLUS
03

NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1670 - 23180 lm

Potenza apparecchio / Fitting power:
12 - 155 W

Indice di resa cromatica / Colour Rendering Index:
≥ 70, SDCM ≤ 3 (ottiche stradali) / (street optics)
≥ 80, SDCM ≤ 3 (ottiche proiezione) / (projection optics)

Illuminazione intelligente / Smart lighting:
mezzanotte virtuale, DALI. Su richiesta ZHAGA, CLO, PLC, telegestione wireless, sensori / virtual midnight, DALI. On request ZHAGA, CLO, PLC, wireless telemanagement, detectors

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
PMMA high transparent lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 2700 K
- 3000 K
- 4000 K
- RGB+W 3000 K

ECO-CENTRIC LIGHTING (ECL)
(ONLY FOR STREET OPTICS)

BLUE FREE LIGHT:
PC-AMBER 0,7% ∑R (λ <500NM) _ CRI 40
1800 K 4,3% ∑R (λ <500NM) _ CRI 70

SWITCHABLE WHITE LIGHT:
1800K / 3000K

COLORE / COLOUR

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
3.6 kg (x-small), 6 kg (small), 9 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa, esterna nelle versioni RBGW / included, remote for RBGW versions

Installazione / Installation:
parete, terra, soffitto, palo, sospensione tesata
wall, ground, ceiling, pole, string suspension



OTTICHE / OPTICS

U-C 6° Ultra-narrow Beam



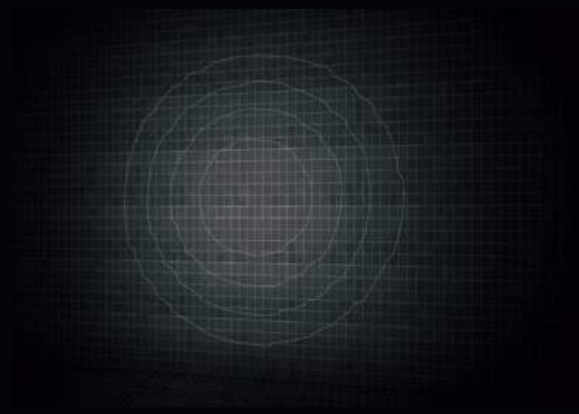
D 40° Wide Beam



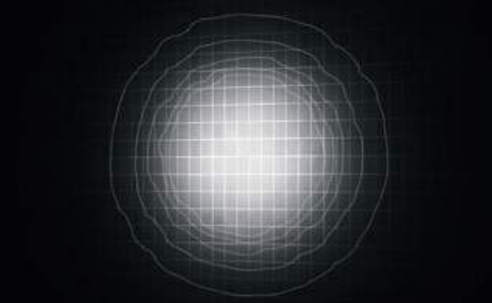
C 11° Narrow Beam



U-D 90° Diffused Beam



M 25° Medium Beam



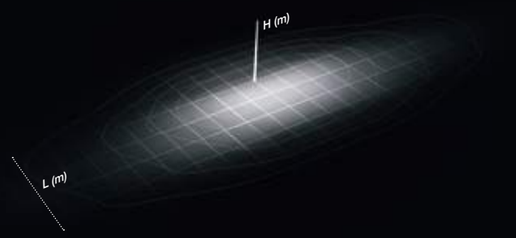
W-W Wall Washer



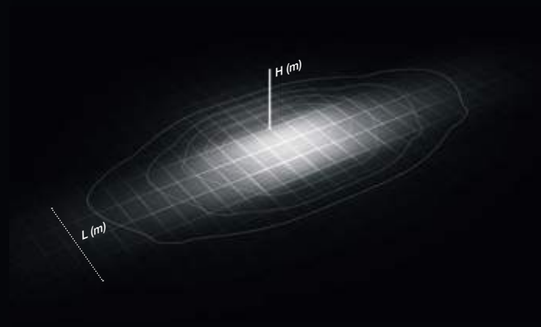


OTTICHE / OPTICS

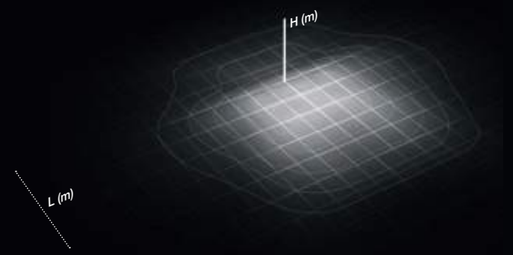
LT-C1 Cycle Path
L / H = 0,5



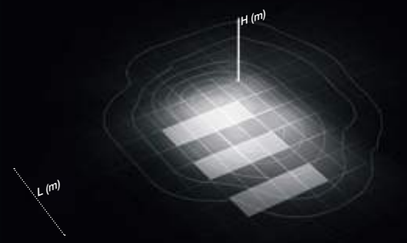
ST-02 Narrow Street ECL
L / H = 0,75



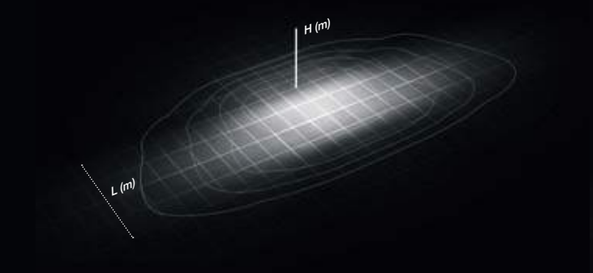
LT-63 Asymmetric Beam ECL
L / H = 2



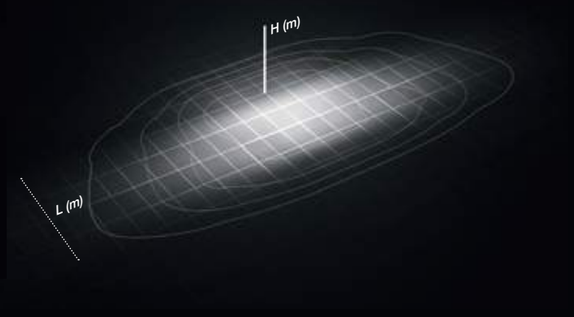
AP-D2 Pedestrian Crossing



ME-05 Medium Street ECL
L / H = 1



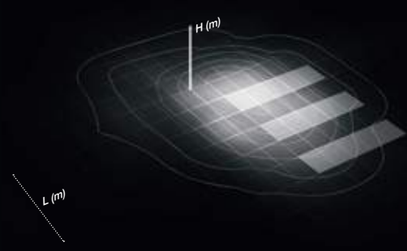
ME-06 Medium Street with sidewalk
L / H = 1



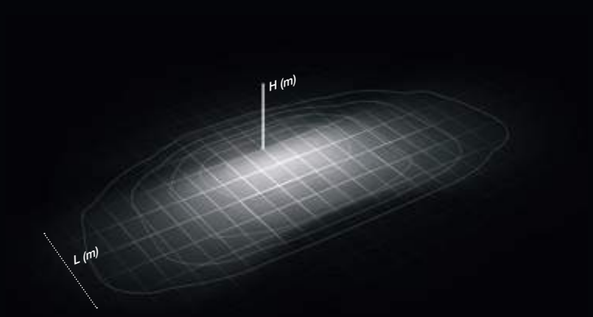
LT-64 Asymmetric beam with backlight ECL
L / H = 2



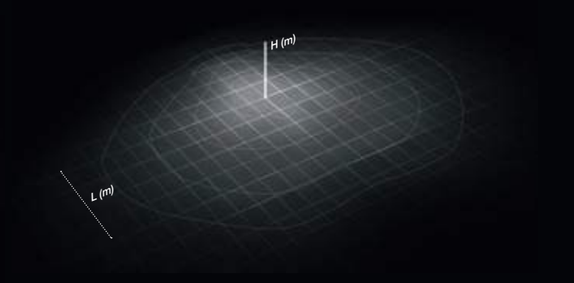
AP-S2 Pedestrian Crossing



LA-03 Wide Street ECL
L / H = 1,25



PB-01 Low Pole
L / H = 2



SO-02 Street Centered

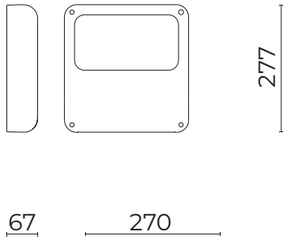


*Levante 2.0 è un sistema modulare e componibile. Il progettista può combinare qualsiasi distribuzione luminosa con ognuno dei sistemi di fissaggio per realizzare configurazioni originali e flessibili ad ogni contesto.

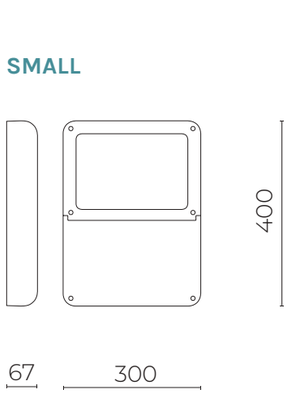
*Levante 2.0 is a modular and combinable system. The designer can cobine any light distribution with each of the fixing systems to create original and flexible configurations for any context.

Levante 2.0
Wall

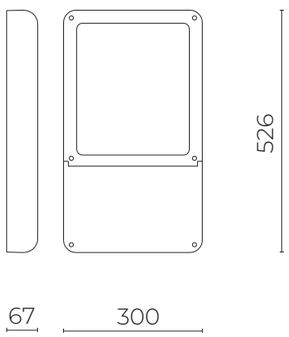
X-SMALL



SMALL



MEDIUM





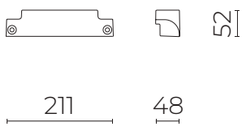
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
parete / wall

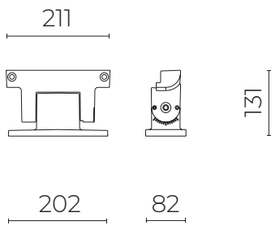
Orientabilità / Orientability:
con giunto inclinazione ±90°, rotazione ±15°
with joint tilt ±90°, rotation ±15°

ACCESSORI / ACCESSORIES

06LN900C0
B224 - Staffa fissa
Fixed bracket

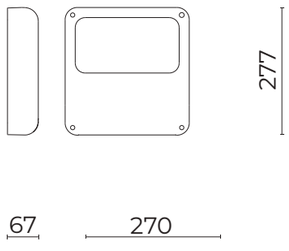


06LN901C0
B225 - Giunto orientabile
Adjustable joint

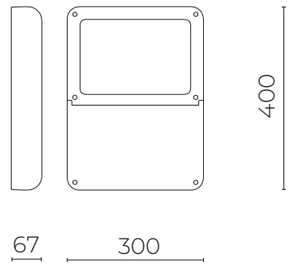


Levante 2.0
Flood

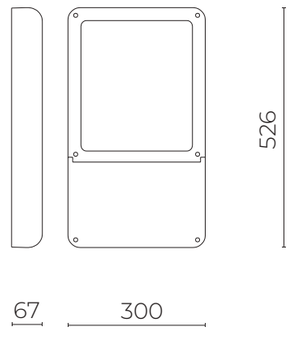
X-SMALL



SMALL



MEDIUM



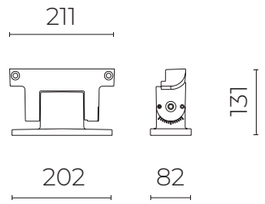
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
soffitto, terra / ceiling, ground

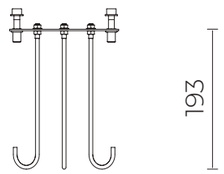
Orientabilità / Orientability:
con giunto inclinazione ±90°, rotazione ±15° / with joint tilt ±90°, rotation ±15°

ACCESSORI / ACCESSORIES

06LN901C0
B225 - Giunto orientabile
Adjustable joint



06LT909J0
B118 - Ancore per calcestruzzo
Anchor for concrete

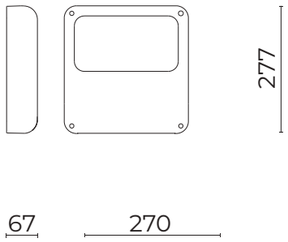


Levante 2.0
Poles

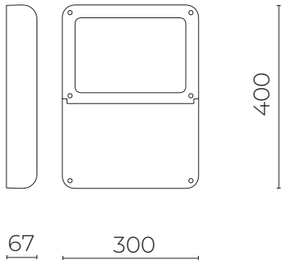
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
palo Ø 60 - 76 - 102 mm
pole Ø 60 - 76 - 102 mm

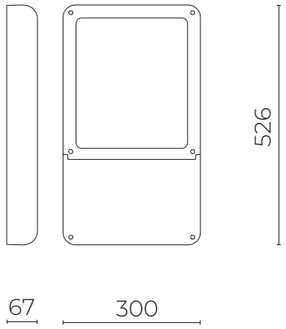
X-SMALL



SMALL

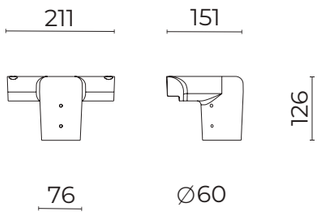


MEDIUM



ACCESSORI / ACCESSORIES

06LN910C0
B237 - Giunto testa palo, codolo H 90 mm
Joint post top, fastening part H 90 mm

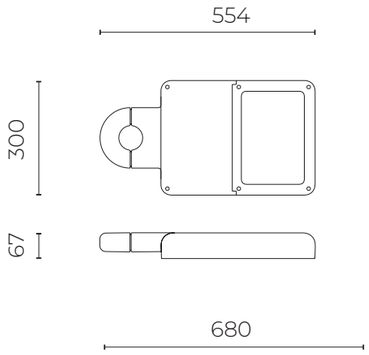




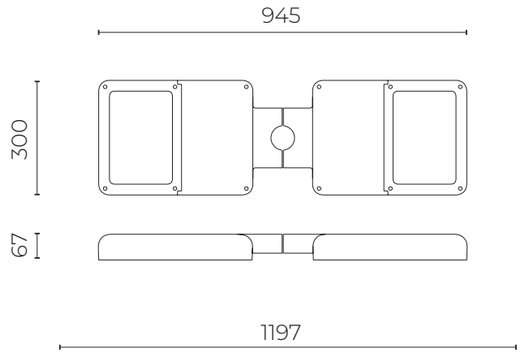
Levante 2.0
Poles

ACCESSORI / ACCESSORIES

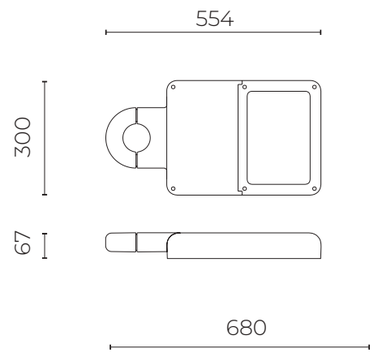
06LN902C0 - Sablè 100 Noir
B226 - Collare singolo per pali Ø 60 mm
Single collar for poles Ø 60 mm



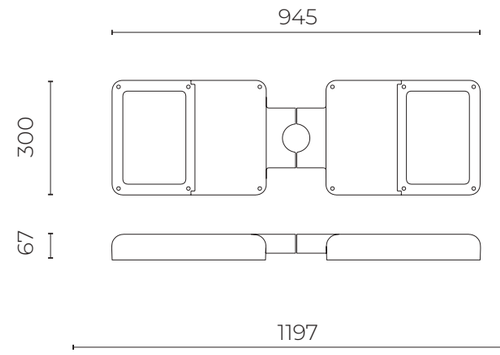
06LN905C0 - Sablè 100 Noir
B229 - Collare doppio per pali Ø60 mm
Double collar for poles Ø 60 mm



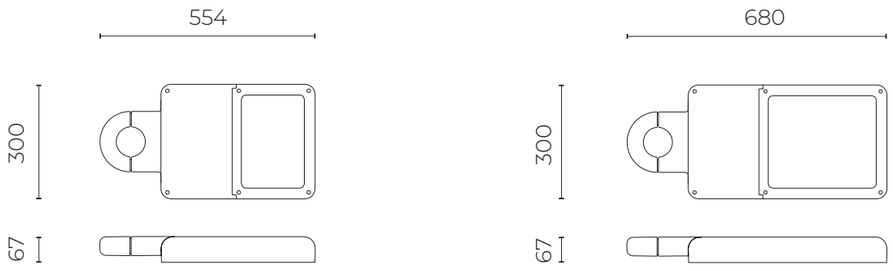
06LN903C0 - Sablè 100 Noir
B227 - Collare singolo per pali Ø 76 mm
Single collar for poles Ø 76 mm



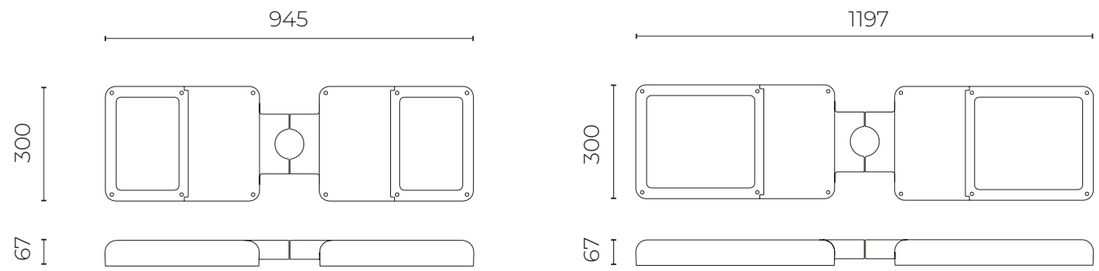
06LN906C0 - Sablè 100 Noir
B230 - Collare doppio per pali Ø 76 mm
Double collar for poles Ø 76 mm



06LN904C0 - Sablè 100 Noir
B228 - Collare singolo per pali Ø 102 mm
Single collar for poles Ø 102 mm



06LN907C0 - Sablè 100 Noir
B231 - Collare doppio per pali Ø 102 mm
Double collar for poles Ø 102 mm



Levante 2.0
Brackets & poles

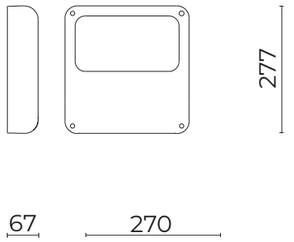


DATI TECNICI / TECHNICAL DATA

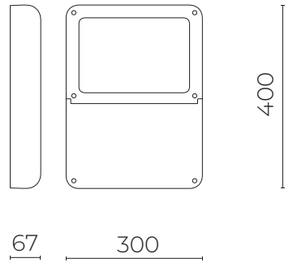
Installazione / Installation:
palo Ø 60 - 76 - 102 mm
pole Ø 60 - 76 - 102 mm

Orientabilità / Orientability:
con giunto inclinazione -70° ÷ +90°, rotazione 0° / 180°
with joint tilt -70° ÷ +90°; rotation 0° / 180°

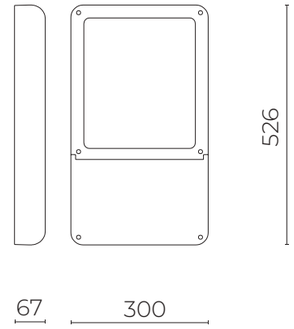
X-SMALL



SMALL

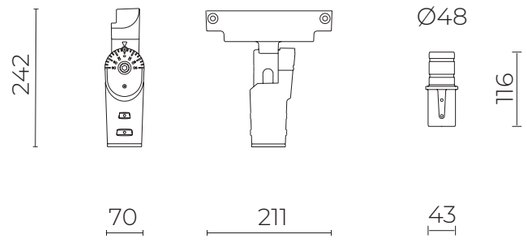


MEDIUM



ACCESSORI / ACCESSORIES

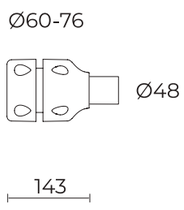
06LN908C0 - Sablè 100 Noir
B232 - Giunto orientabile per bracci e pali Ø 60 mm
Adjustable joint for arms and poles Ø 60 mm



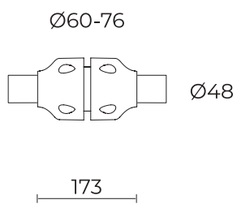
Levante 2.0
Brackets & poles

ACCESSORI E BRACCI / ACCESSORIES AND ARMS:

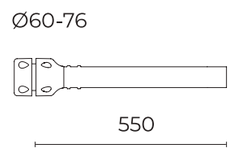
06AK903C0 - Sablè 100 Noir
L3 - Kit giunto per pali
Joint kit for poles



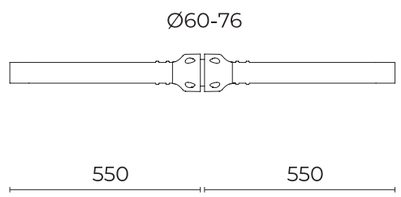
06AK904C0 - Sablè 100 Noir
L4 - Kit giunto doppio per pali
Double joint kit for poles



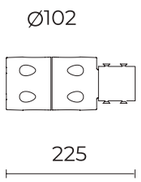
06AK921C0 - Sablè 100 Noir
B1 - Braccio per pali
Arm for poles



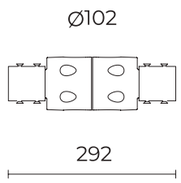
06AK922C0 - Sablè 100 Noir
B2 - Braccio doppio per pali
Double arm for poles



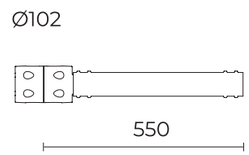
06AK916C0 - Sablè 100 Noir
B139 - Anello per pali
Ring for poles



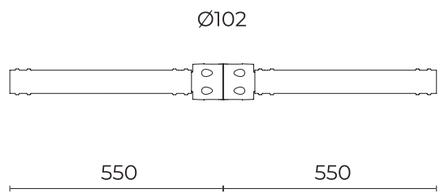
06AK917C0 - Sablè 100 Noir
B140 - Anello doppio per pali
Double ring for poles



06AK907C0 - Sablè 100 Noir
B155 - Braccio per pali
Arm for poles

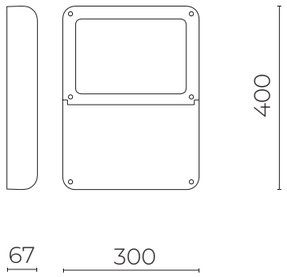


06AK909C0 - Sablè 100 Noir
B157 - Braccio doppio per pali
Double arm for poles



Levante 2.0
String suspension

SMALL



DATI TECNICI / TECHNICAL DATA

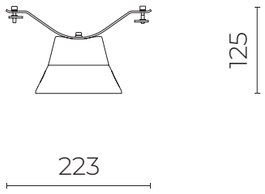
Installazione / Installation:
sospensione tesata / string suspension

Inclinazione / Inclination:
orizzontale ±15° / horizontal ±15°

Orientabilità / Adjustability:
0° ÷ 360°

ACCESSORI / ACCESSORIES

06LN909C0
B233 - Kit sospensione su fune tesata Ø 6-12 mm
Suspension kit for string Ø 6-12 mm



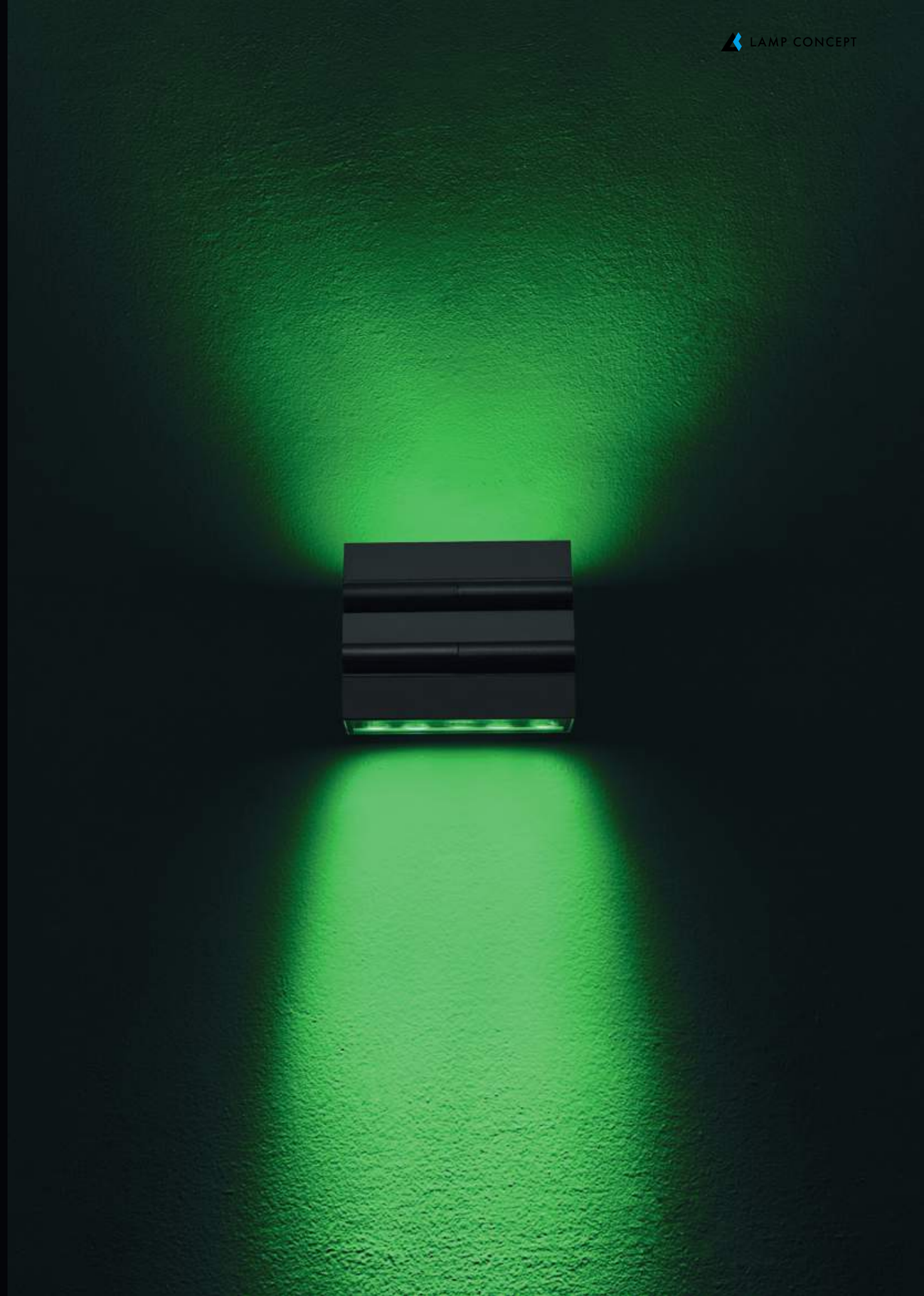
Levante 2.0
String suspension



KINETIC

Ogni luogo è diverso ed ogni luogo merita la propria luce: KINETIC è una soluzione professionale ed estremamente flessibile che offre nuovi modi di raccontare la città e le sue architetture.

Every place is different and deserves its own light: KINETIC is a professional and extremely flexible solution that offers new ways of telling the story of the city and its architecture.




RESTAURANT AND CAFE


RESTAURANT AND CAFE

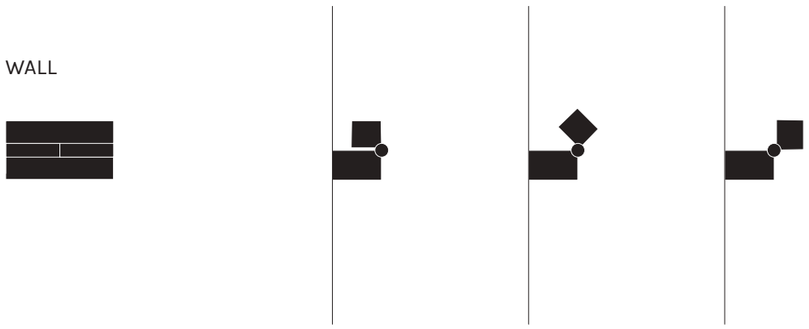
LAMP CONCEPT
Cariboni Group

MONOEMISSION

CEILING



WALL



GROUND

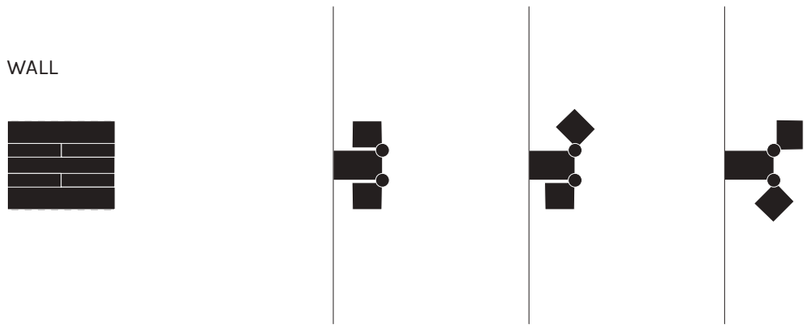


BIEMISSION

CEILING



WALL



GROUND



Kinetic

220-240V
24VDC (RGBW / TW)

50
60Hz

CL II

IP65

IK07

ta
-30°C
+40°C

CE

ROHS



DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
440 - 3320 lm

Potenza apparecchio / Fitting power:
18 - 38 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 90, SMCD ≤ 2 (2700 K)
CRI ≥ 80, SMCD ≤ 3

Illuminazione intelligente / Smart lighting:
DALI

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 2700 K
- 3000 K
- 4000 K
- RGB+W 3000 K
- TUNABLE WHITE 2200 K ÷ 4000 K

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
PMMA high transparent lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR
- CORTEN
- RAL9003

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
5 kg (mono-emissione), 6,5 kg (bi-emissione)
5 kg (mono-emission), 6,5 kg (bi-emission)

Alimentazione elettronica / Electronic power supply:
inclusa (versioni ON-OFF, DALI), esclusa (versioni RGBW, TW) / internal (ON-OFF, DALI versions), external (RGBW, TW versions)

Installazione / Installation:
parete, soffitto, terra. Disponibile su richiesta distanziale per ingresso cavo laterale / wall, ceiling, ground. A space for side access power cable is available on request

Fissaggio / Fixing system:
con tasselli
with plugs

OTTICHE / OPTICS

PROJECTION LIGHT

M 18” Medium Beam



D 40° Wide Beam

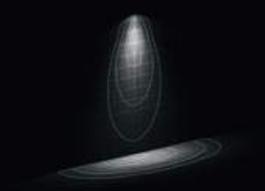


U-D 70° Diffused Beam



GRAZING LIGHTING

18° Medium Beam



30°x 18° Medium Beam



60°x 18° Wide Beam



ASYMMETRICAL LIGHTING

AS-D 90°x 45° Asymmetric Beam



E 12°x50° Ellipsoidal Beam



* Le ottiche sono combinabili per le versioni bi-emissione.

* The optics are combinable for bi-emission versions.

Kinetic
Wall



DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
parete / wall

Inclinazione / Inclination:
-5° ÷ +165°

Kinetic
Flood



DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
terra / ground

Inclinazione / Inclination:
-5° ÷ +165°

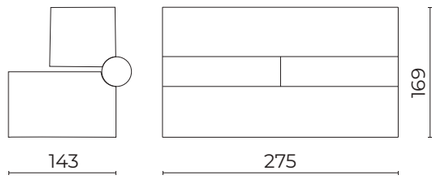
Kinetic
Ceiling

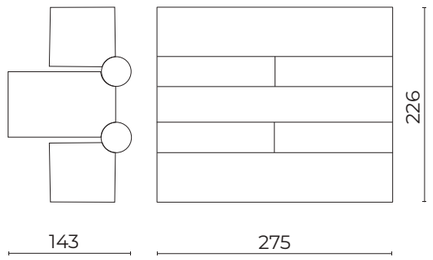


DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
soffitto / ceiling

Inclinazione / Inclination:
-5° ÷ +165°





CUBE

CUBE è un prodotto compatto, ideale per l’illuminazione d’accento e diffusa di facciate, portici e ingressi agli edifici. Può essere utilizzato all’esterno e in ambienti interni particolarmente umidi.

CUBE is a compact product, ideal for accent and diffuse lighting of facades, porticos and building entrances. It can be used outdoors and in particularly damp indoor environments.



OMEGNA
Italy

Cube

220 240V | 50 60Hz | CL I | IP65 | IK06 | ta -30°C +50°C | CE | ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
390 - 1120 lm

Potenza apparecchio / Fitting power:
7 - 16 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
1,5 kg (small), 3 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa / included

Installazione / Installation:
parete, soffitto, terra
wall, ceiling, ground

Fissaggio / Fixing system:
staffa fissa o regolabile
fixed or adjustable bracket

MATERIALI / MATERIALS

Corpo / Body:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

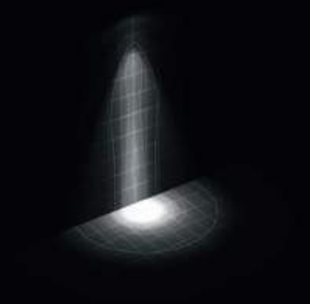
COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- RAL9003

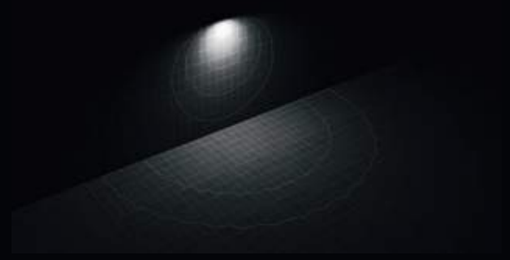


OTTICHE / OPTICS

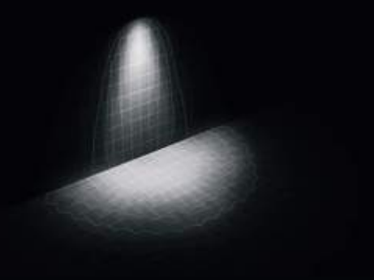
C 8° Narrow Beam



U-D 80° Diffused Beam

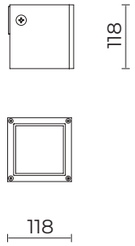


D 40° Wide Beam

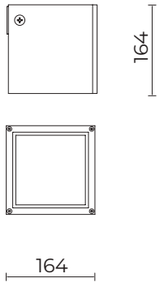


Cube
Parete / Wall

SMALL



MEDIUM

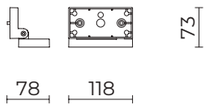




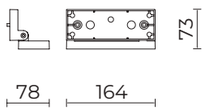


ACCESSORI / ACCESSORIES

06LC1901A - RAL9006
06LC1901C - Sablé 100
06LC1901D - RAL9003
Snodo per fissaggio a parete Cube small
Joint for wall-mounting Cube small



06LC2901A - RAL9006
06LC2901C - Sablé 100
06LC2901D - RAL9003
Snodo per fissaggio a parete Cube medium
Joint for wall-mounting Cube medium



OTTICHE / OPTICS

C 8° Narrow Beam



U-D 80° Diffused Beam



D 40° Wide Beam

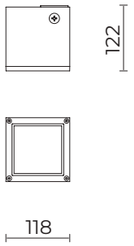


Cube
Soffitto / Ceiling

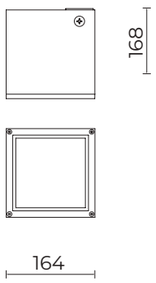




SMALL

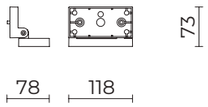


MEDIUM

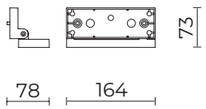


ACCESSORI / ACCESSORIES

06LC1901A - RAL9006
06LC1901C - Sablé 100
06LC1901D - RAL9003
Snodo per fissaggio a parete Cube small
Joint for wall-mounting Cube small

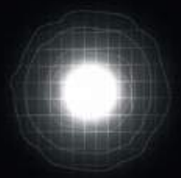


06LC2901A - RAL9006
06LC2901C - Sablé 100
06LC2901D - RAL9003
Snodo per fissaggio a parete Cube medium
Joint for wall-mounting Cube medium



OTTICHE / OPTICS

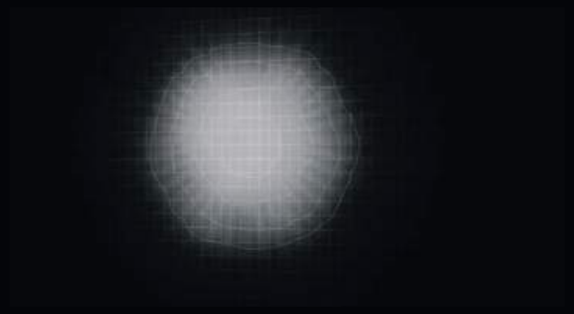
C 8° Narrow Beam



U-D 80° Diffused Beam



D 40° Wide Beam



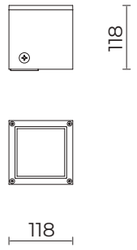
LAMP CONCEPT

Cariboni Group

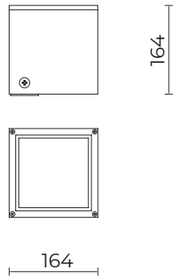
Cube

Terra / Ground

SMALL

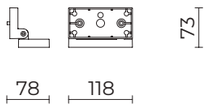


MEDIUM

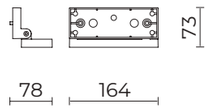


ACCESSORI / ACCESSORIES

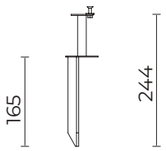
06LC1901A - RAL9006
06LC1901C - Sablé 100
06LC1901D - RAL9003
Snodo per fissaggio a parete Cube small
Joint for wall-mounting Cube small



06LC2901A - RAL9006
06LC2901C - Sablé 100
06LC2901D - RAL9003
Snodo per fissaggio a parete Cube medium
Joint for wall-mounting Cube medium



06LC900C0 - Sablé 100 (Cube small)
06LC901C0 - Sablé 100 (Cube medium)
Picchetto per interramento
Spike for ground installation





CHARA

CHARA è un prodotto da incasso dalle dimensioni compatte, ideale per l'illuminazione d'accento di facciate e di ambienti interni particolarmente umidi.

CHARA is a compact recessed fitting, ideal for accent lighting of facades and particularly damp interiors.



Chara



24Vdc | CL III | IP67 | IK09 (U-D 90°) | IK10 | ta -30°C +50°C

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
67 - 295 lm

Potenza apparecchio / Fitting power:
0,6 - 3,2 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
DALI su richiesta / DALI on request

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K

MATERIALI / MATERIALS

Corpo / Body:
acciaio INOX AISI 316L micropallinato con finitura sabbiata / micro-shot peened stainless steel INOX AISI 316L with sandblasted finish

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
cornice INOX AISI 316L con finitura sabbiata e micropallinata con sfere di vetro / AISI 316L stainless steel frame with sandblasted and micro-shot glass-sphere peened finish

COLORI / COLOURS

- INOX AISI 316L

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
0,4 kg

Alimentazione elettronica / Electronic power supply:
esterna, da ordinare separatamente
external, to be ordered separately

Precablaggio / Pre-wiring:
prodotto pre-cablato, lunghezza cavo 1 m
pre-wired product, cable length of 1 m

Installazione / Installation:
terra (calpestabile), pavimento flottante, parete, controsoffitto / ground (walk over), floating floor, wall, false ceiling

Fissaggio / Fixing system:
con controcassa in materiale plastico (versione incasso calpestabile, parete), con molle (versione incasso soffitto)
with plastic housing (walk over, wall recessed versions), with steel springs (ceiling-recessed version)



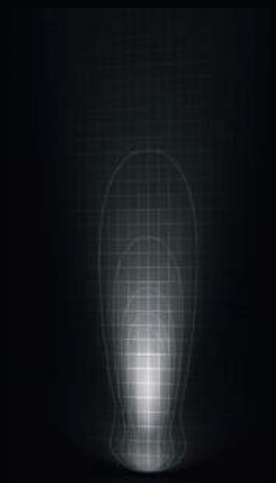


OTTICHE / OPTICS

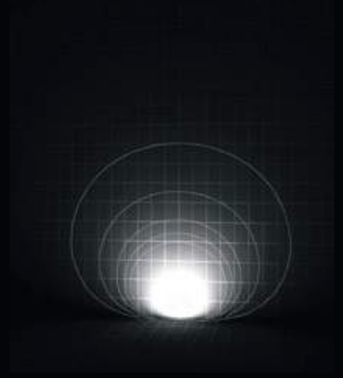
C 8° Narrow Beam



M 25° Medium Beam

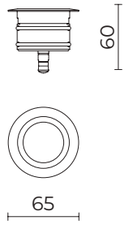


U-D 90° Diffused Beam



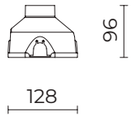
Chara

Incasso calpestabile
Walk over recessed

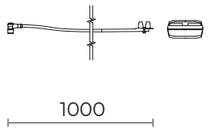


ACCESSORI / ACCESSORIES

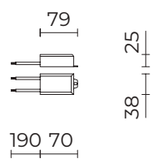
06CH901B0
B130 - Controcassa parete e calpestabile
Walk over and wall recessed housing



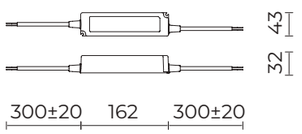
06CH906X0
B198 - Kit entra-esci cavo 1 m 24V ~ con muffola / Kit in-out cable 1 m 24V ~ with junction box



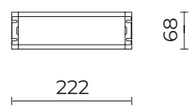
06CH903X0
B147 - Driver elettronico 10W 24V IP67
Electronic driver 10W 24V IP67



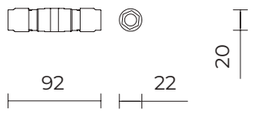
06CH904X0
B148 - Driver elettronico 60W 24V IP67
Electronic driver 60W 24V IP67



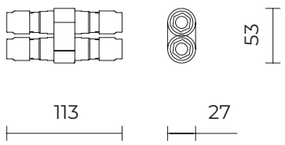
06LL914AB0
Driver elettronico DALI 150W 24V IP67
DALI elettronic driver 150W 24V IP67



06KS918C0
B137 - Connettore 2 vie IP68
2-way connector IP68



06KS909C0
B89 - Connettore 4 vie IP68
4-way connector IP68



OTTICHE / OPTICS

C 8° Narrow Beam



M 25° Medium Beam

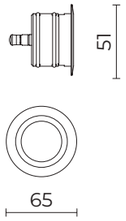


U-D 90° Diffused Beam



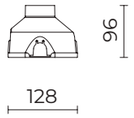
Chara

Incasso parete
Wall recessed

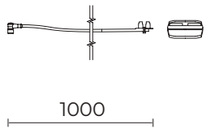


ACCESSORI / ACCESSORIES

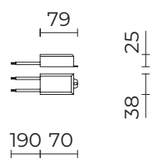
06CH901B0
B130 - Controcassa parete e calpestabile
Walk over and wall recessed housing



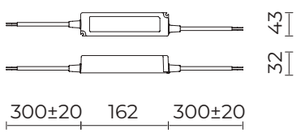
06CH906X0
B198 - Kit entra-esci cavo 1 m 24V ~ con muffola / Kit in-out cable 1 m 24V ~ with junction box



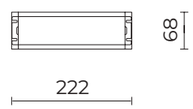
06CH903X0
B147 - Driver elettronico 10W 24V IP67
Electronic driver 10W 24V IP67



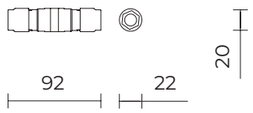
06CH904X0
B148 - Driver elettronico 60W 24V IP67
Electronic driver 60W 24V IP67



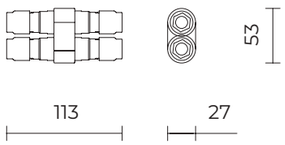
06LL914AB0
Driver elettronico DALI 150W 24V IP67
DALI elettronic driver 150W 24V IP67



06KS918C0
B137 - Connettore 2 vie IP68
2-way connector IP68



06KS909C0
B89 - Connettore 4 vie IP68
4-way connector IP68



OTTICHE / OPTICS

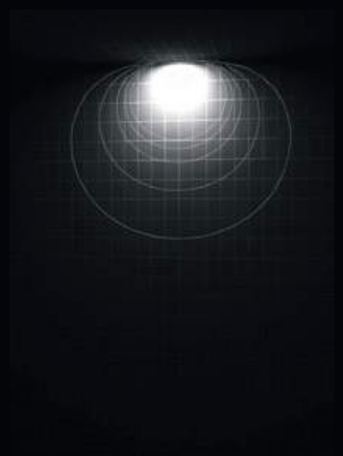
C 8° Narrow Beam



M 25° Medium Beam

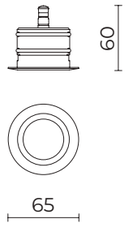


U-D 90° Diffused Beam



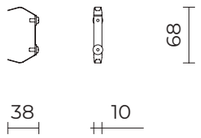
Chara

Incasso soffitto
Ceiling recessed

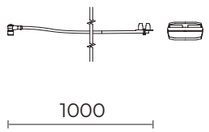


ACCESSORI / ACCESSORIES

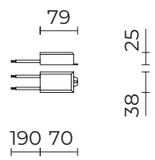
06CH902XX0
B131 - Molle
Springs



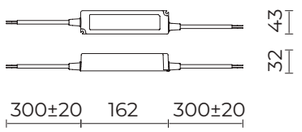
06CH906X0
B198 - Kit entra-esci cavo 1 m 24V ~ con muffola / Kit in-out cable 1 m 24V ~ with junction box



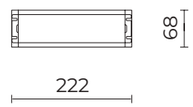
06CH903X0
B147 - Driver elettronico 10W 24V IP67
Electronic driver 10W 24V IP67



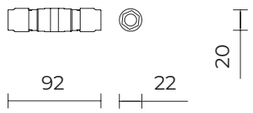
06CH904X0
B148 - Driver elettronico 60W 24V IP67
Electronic driver 60W 24V IP67



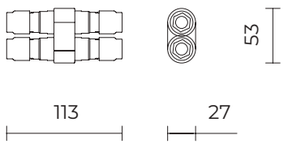
06LL914AB0
Driver elettronico DALI 150W 24V IP67
DALI elettronic driver 150W 24V IP67



06KS918C0
B137 - Connettore 2 vie IP68
2-way connector IP68



06KS909C0
B89 - Connettore 4 vie IP68
4-way connector IP68



GRACE

GRACE è la soluzione, compatta ed elegante,
per l'illuminazione radente di aree
e percorsi pedonali.

GRACE is a compact and elegant solution for
grazing light in pedestrian areas and pathways.



24Vdc | CL III | IP67 | IK10 | ta -30°C +50°C | ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
105 - 340 lm

Potenza apparecchio / Fitting power:
2 - 5 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
DALI su richiesta / DALI on request

MATERIALI / MATERIALS

Corpo / Body:
acciaio AISI 316L micropallinato con finitura sabbiata
micro-shot peened stainless steel AISI 316L
with sanded finish

Gruppo ottico / Optical unit:
lente TIR (Total Internal Reflection) realizzata in Ultra-Clear LSR (Liquid Silicone Rubber)
TIR (Total Internal Reflection) lense made from Ultra-Clear LSR (Liquid Silicone Rubber)

Finitura / Finish:
AISI 316L con finitura sabbiata e micropallinata con sfere di vetro / AISI 316L stainless steel with sandblasted and micro-shot glass-sphere peened finish

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

COLORI / COLOURS

- INOX AISI 316L

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
1 kg

Alimentazione elettronica / Electronic power supply:
esterna, da ordinare separatamente
external, to be ordered separately

Precablaggio / Pre-wiring:
incluso / included

Fissaggio / Fastening:
controcassa in materiale plastico da murare a pavimento (versione carrabile), con piastra in acciaio per fissaggio a terra o pavimento (versione calpestabile)
with recessed housing in plastic material to be buried in the floor (drive over version); with steel plate for ground or floor mounting (walk over version)

Installazione / Installation:
terra / ground





LOHJA
Finland

NERVI
Italy

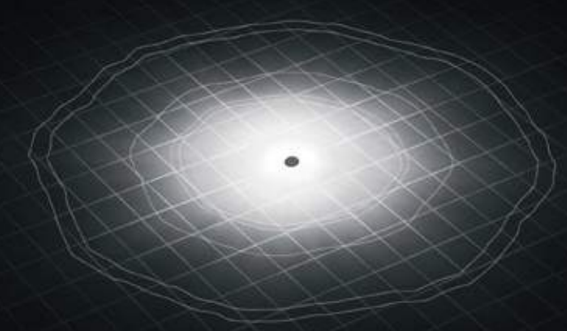


OTTICHE / OPTICS

AS-D 180° Asymmetric Diffused Beam

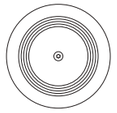


RS-D 360° Rotosymmetric Diffused Beam



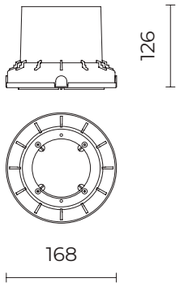
Grace



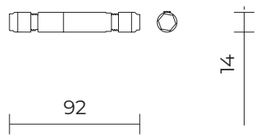


ACCESSORI / ACCESSORIES

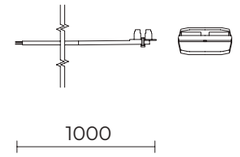
06GC901B0
B129 - Controcassa carrabile
Drive over recessed housing



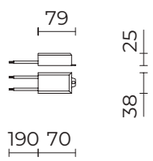
06GC902X0
B165 - Connettore 2 IP68 2-pole connector IP68



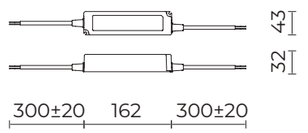
06AK958X0
M3 - Kit entra-esci cavo 2x0,75
Kit in-out cable 2x0,75



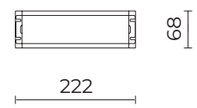
06CH903X0
B147 - Driver elettronico 10W 24V IP67
Electronic driver
10W 24V IP67



06CH904X0
B148 - Driver elettronico 60W 24V IP67
Electronic driver
60W 24V IP67



06LL914AB0
Driver elettronico DALI 150W 24V IP67
DALI elettronic driver
150W 24V IP67I

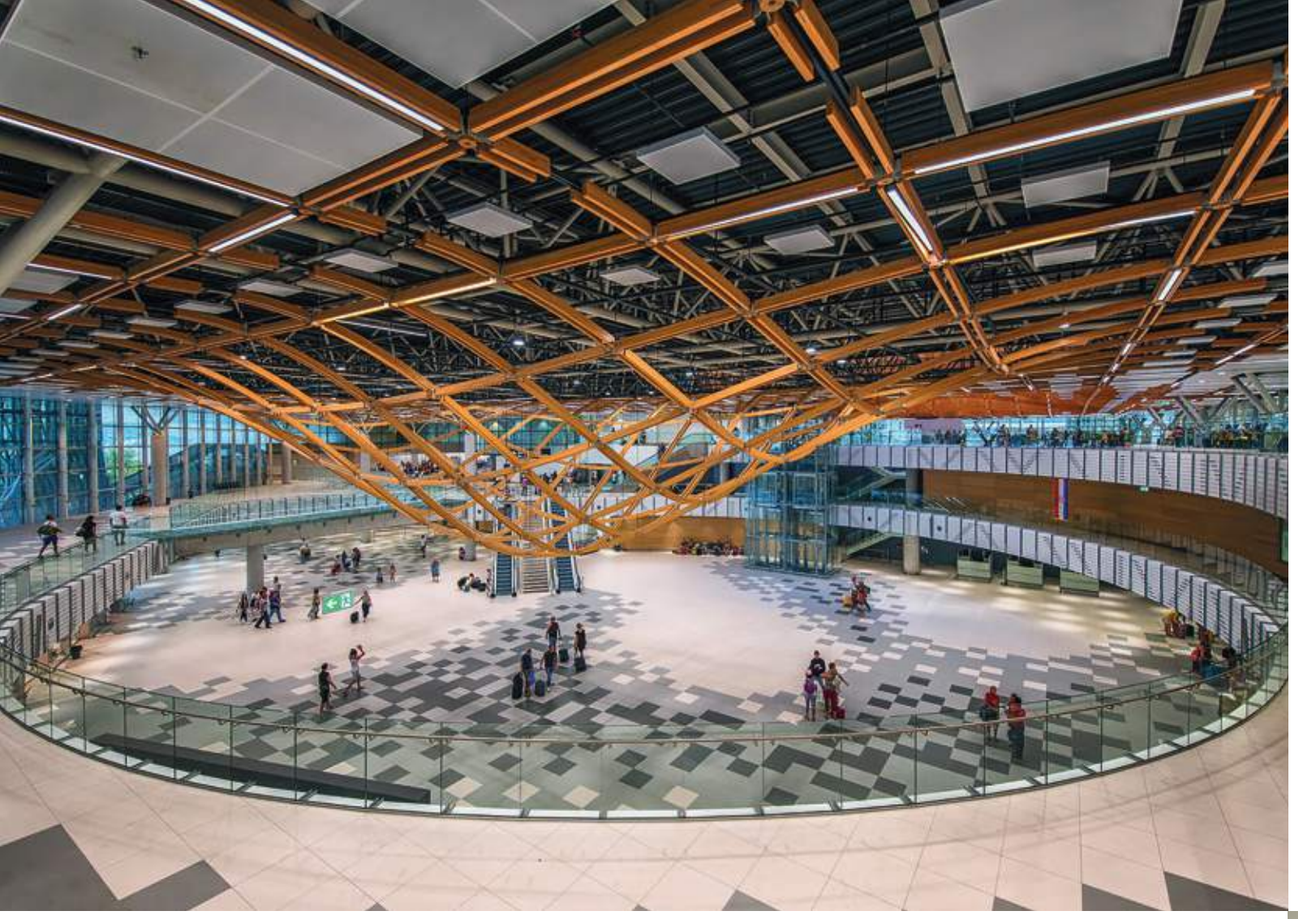


TRAIL

TRAIL è la soluzione ideale per l’illuminazione lineare outdoor e indoor di tutti quei luoghi dove è necessaria qualità della luce, affidabilità ed efficienza energetica.

TRAIL is the ideal solution for indoor and outdoor linear lighting wherever light quality, reliability and energy efficiency are required.





SPALATO
Croatia

OLBIA
Italy



24Vdc | 220 240V | 50 60Hz | CL III (REMOTE DRIVER) | CL II | IP67 | IK08 | ta -10°C +45°C | CE | ROHS | 03

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
795 - 7530 lm

Potenza apparecchio / Fitting power:
7,2 - 57,5 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
DALI su richiesta / DALI on request

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
3 kg (650 mm), 6 kg (1250 mm), 10 kg (2500 mm)

Alimentazione elettronica / Electronic power supply:
remota, da ordinare separatamente
remote, to be ordered separately

Precablaggio / Pre-wiring:
prodotto pre-cablato con cavo e connettore
pre-wired product with cable and connector

Installazione / Installation:
incasso soffitto, soffitto, incasso calpestabile,
incasso parete, parete, linea continua
recessed ceiling, ceiling, walkable recessed,
wall recessed, wall, continuous line

MATERIALI / MATERIALS

Corpo / Body:
estruso in lega di alluminio anodizzato
extruded anodised aluminium alloy

Sistemi di fissaggio / Fitting system:
testate di chiusura e accessori di fissaggio in pressofusione in lega di alluminio UNI EN AB 47100 (contenuto di rame < 1%) / closing heads and fastening accessories made of die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
PMMA high transparent lenses

Finitura / Finish:
anodizzazione / anodization

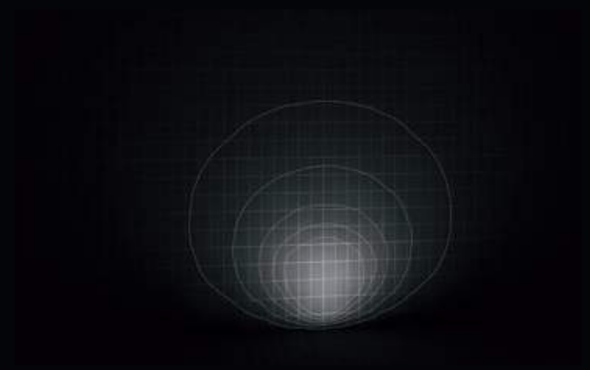
COLORI / COLOURS

- ALLUMINIO ANODIZZATO NATURALE / NATURAL ANODIZED ALUMINIUM

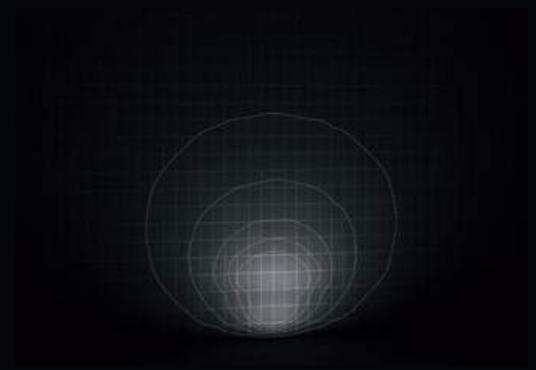


OTTICHE / OPTICS

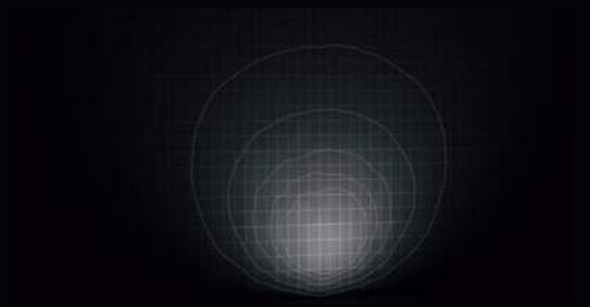
U-D 80° / 100° Diffused Beam



S 75° / 95° Ultra-Wide Beam

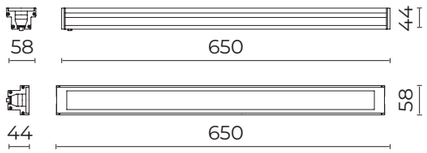


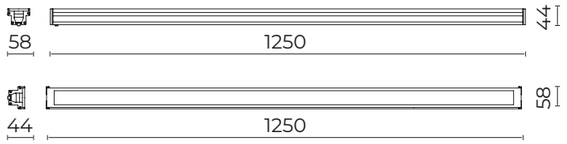
AS α=13° 30°/75° Asymmetric Beam



Trail

Incasso calpestabile / Walk over recessed









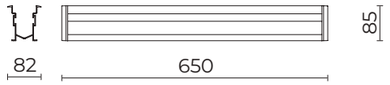
FORTE DEI MARMI
Italy

Trail

Incasso calpestabile / Walk over recessed

ACCESSORI / ACCESSORIES

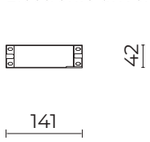
06TR998J0
Controcassa Trail 650
Recessed housing Trail 650



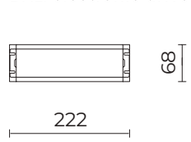
06TR999J0
Controcassa Trail 1250
Recessed housing Trail 1250



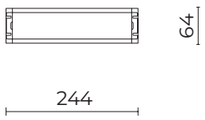
06TA902X0
Driver elettronico 60W 24V IP66
Electronic driver 60W 24V IP66



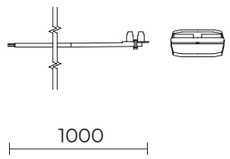
06LL914AB0
Driver elettronico DALI 150W 24V IP67
DALI electronic driver 150W 24V IP67



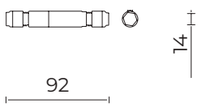
06LL915AB0
Driver elettronico 240W 24V IP67
Electronic driver 240W 24V IP67



06AK958X0
M3 - Kit entra-esci cavo 2x0,75
Kit in-out cable 2x0,75

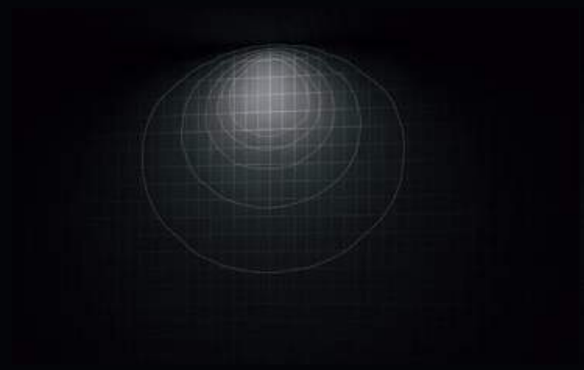


06GC902X0
B165 - Connettore 2 poli IP68
2-pole connector IP68

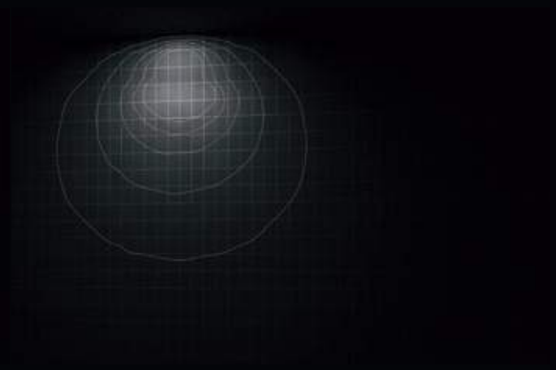


OTTICHE / OPTICS

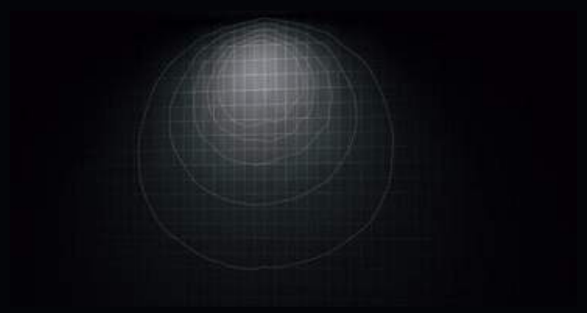
U-D 80° / 100° Diffused Beam



S 75° / 95° Ultra-Wide Beam

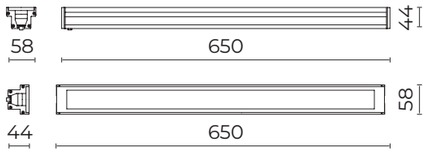


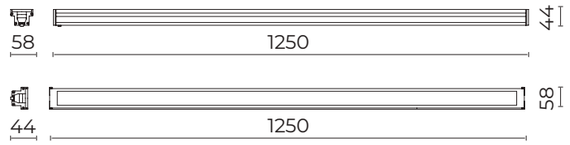
AS α=13° 30°/75° Asymmetric Beam



Trail
Incasso soffitto / Ceiling-recessed

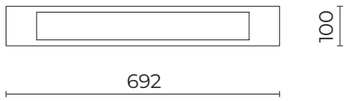




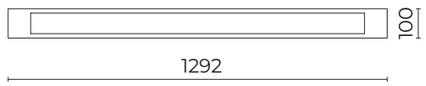


ACCESSORI / ACCESSORIES

06TR988A0
Kit incasso a plafone Trail 650
Recessed ceiling kit Trail 650



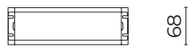
06TR989A0
Kit incasso a plafone Trail 1250
Recessed ceiling kit Trail 1250



06TA902X0
Driver elettronico 60W 24V IP66
Electronic driver 60W 24V IP66



06LL914AB0
Driver elettronico DALI 150W 24V IP67
DALI electronic driver 150W 24V IP67

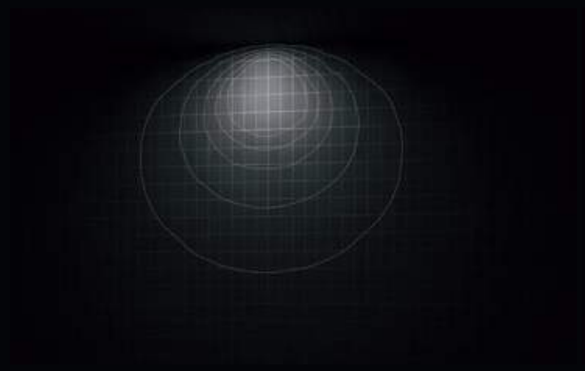


06LL915AB0
Driver elettronico 240W 24V IP67
Electronic driver 240W 24V IP67

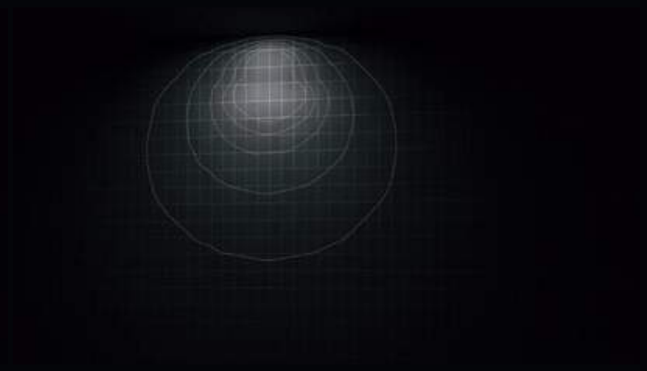


OTTICHE / OPTICS

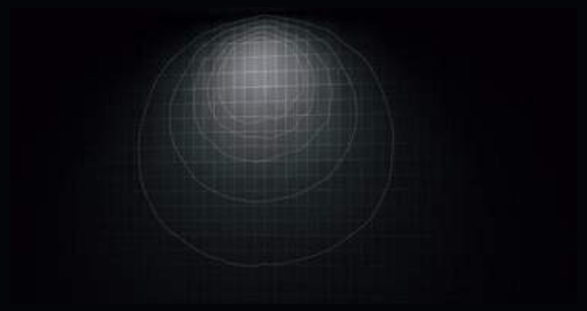
U-D 80° / 100° Diffused Beam



S 75° / 95° Ultra-Wide Beam



AS α=13° 30°/75° Asymmetric Beam



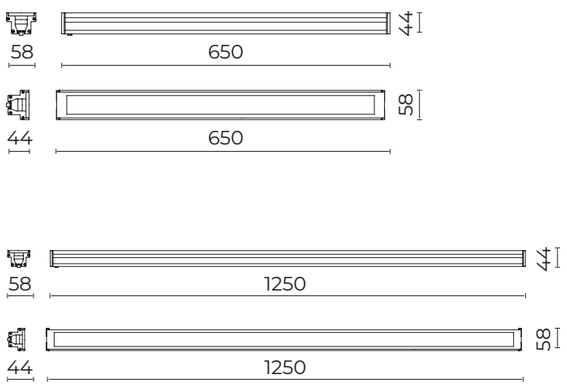
LAMP CONCEPT

Cariboni Group

Trail

Soffitto / Ceiling-mounted

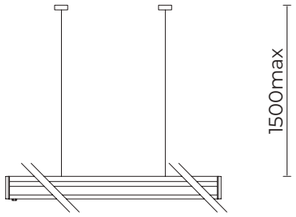




Trail
Soffitto / Ceiling-mounted

ACCESSORI / ACCESSORIES

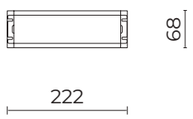
06TR986A0
Sistema sospensione Trail a soffitto driver remoto
Trail ceiling suspension system remote driver



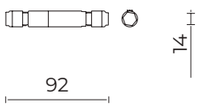
06TR987A0 - RAL9006
Staffe fissaggio Trail plafone driver remoto
Trail ceiling mounting brackets remote driver



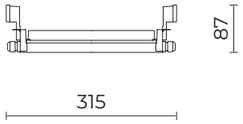
06LL914AB0
Driver elettronico 150W 24V IP67
Electronic driver 150W 24V IP67



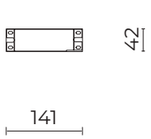
06GC902X0
B165 - Connettore 2 poli IP68
2-pole connector IP68



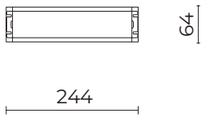
06OT988A0
Box cablato Trail per attacco a parete o a soffitto IP65 CL II / Wired box Trail for wall or ceiling attachment IP65 CL II



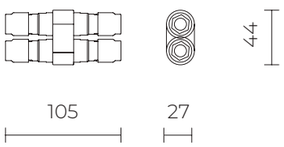
06TA902X0
Driver elettronico 60W 24V IP66
Electronic driver 60W 24V IP66

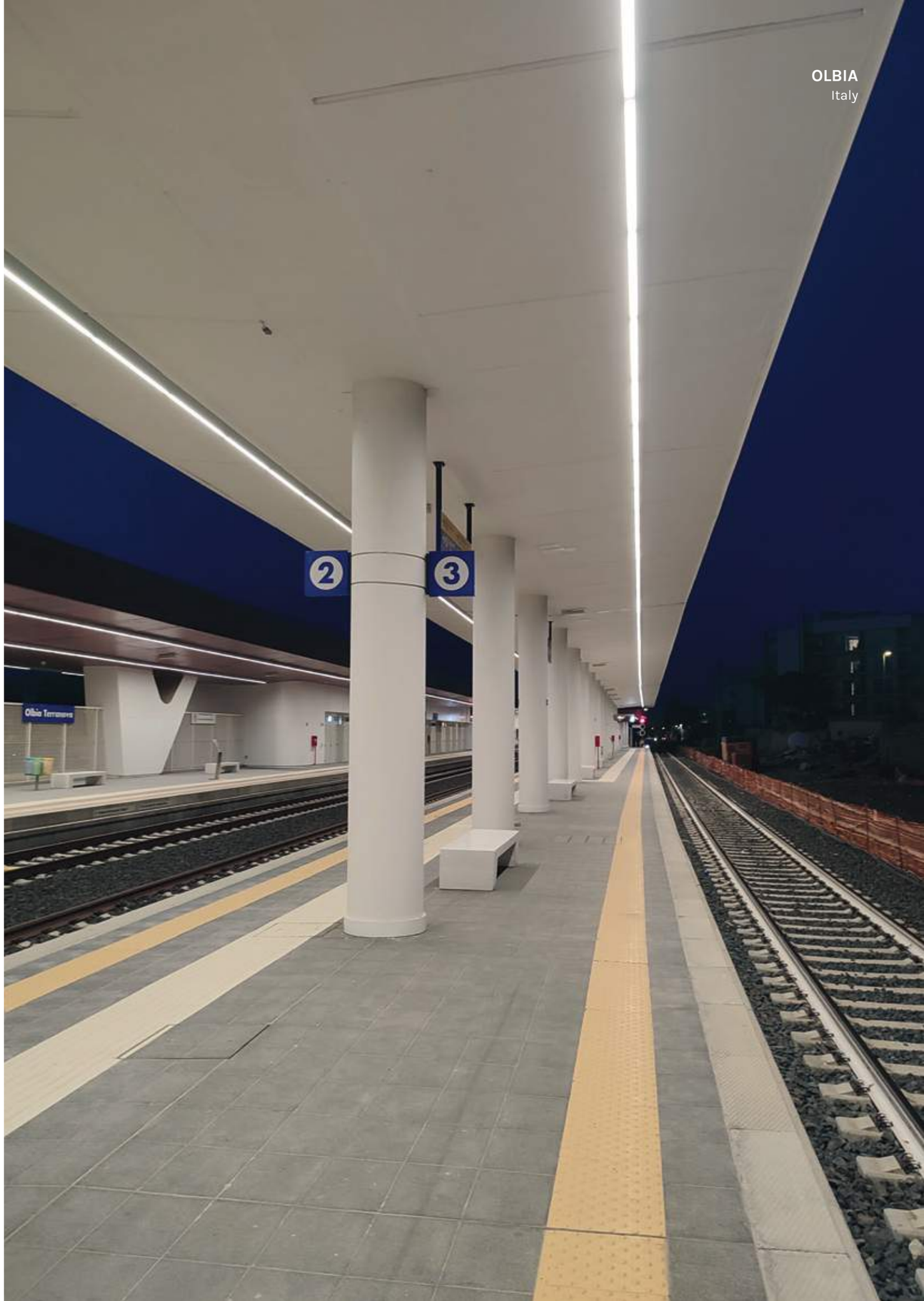


06LL915AB0
Driver elettronico DALI 150W 24V IP67
DALI electronic driver 150W 24V IP67



06TR977X0
B220 - Connettore 4 vie IP68
4-way connector IP68





OLBIA
Italy

OTTICHE / OPTICS

U-D 80° / 100° Diffused Beam



S 75° / 95° Ultra-Wide Beam

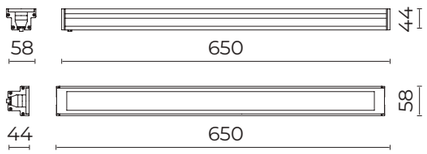


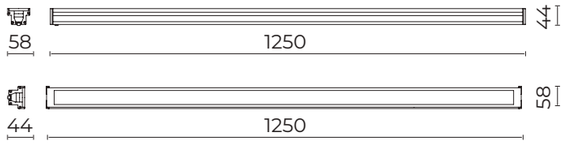
AS α=13° 30°/75° Asymmetric Beam



Trail
Incasso parete / Wall-recessed



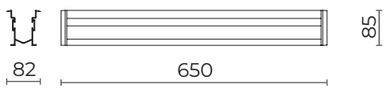




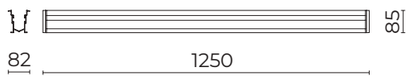
Trail
Incasso parete / Wall-recessed

ACCESSORI / ACCESSORIES

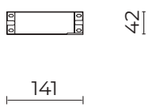
06TR998J0
Controcassa Trail 650
Recessed housing Trail 650



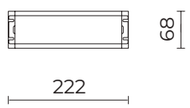
06TR999J0
Controcassa Trail 1250
Recessed housing Trail 1250



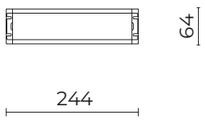
06TA902X0
Driver elettronico 60W 24V IP66
Electronic driver 60W 24V IP66



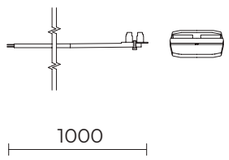
06LL914AB0
Driver elettronico DALI 150W 24V IP67
DALI electronic driver 150W 24V IP67



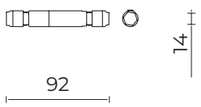
06LL915AB0
Driver elettronico 240W 24V IP67
Electronic driver 240W 24V IP67

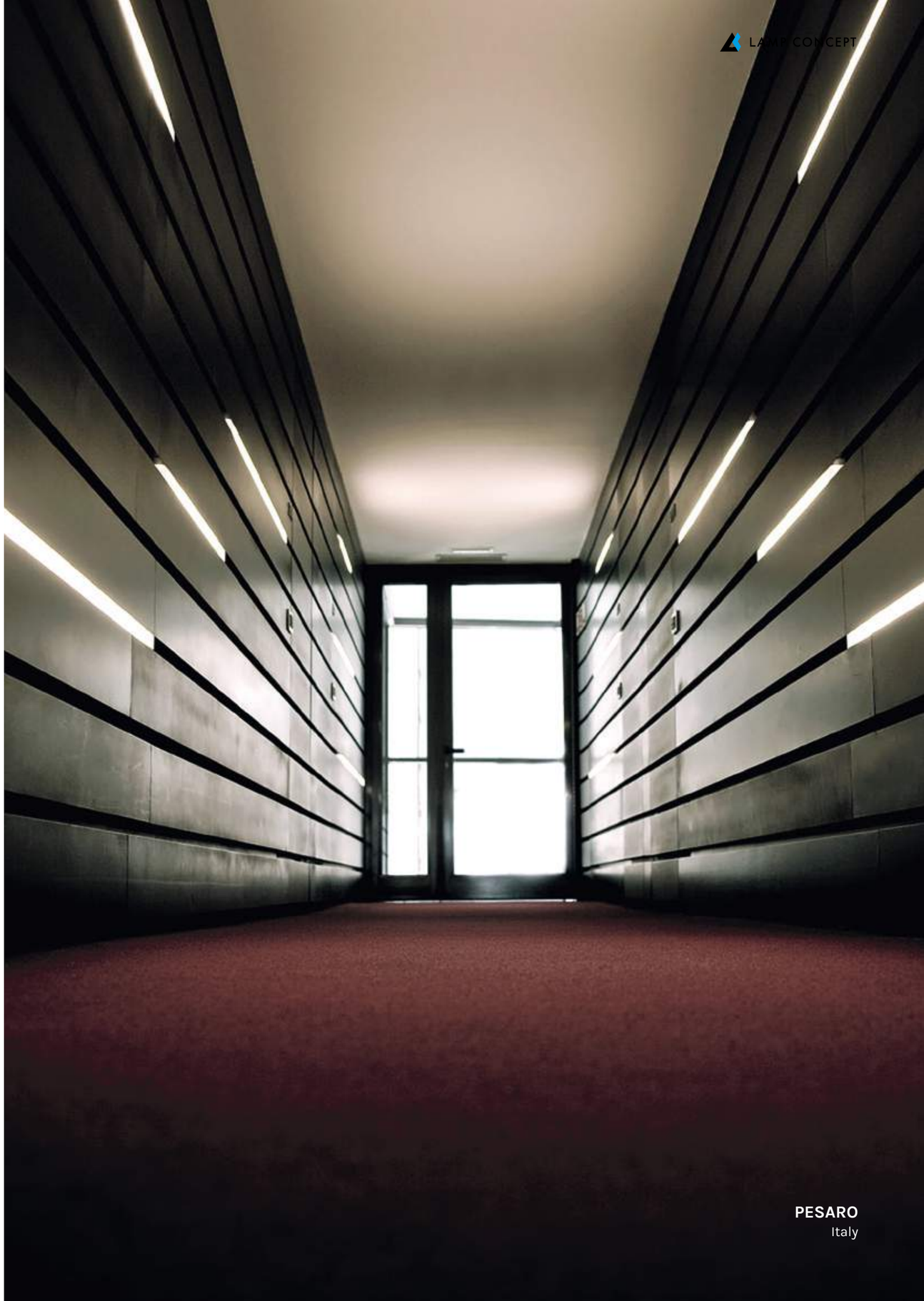


06AK958X0
M3 - Kit entra-esci cavo 2x0,75
Kit in-out cable 2x0,75



06GC902X0
B165 - Connettore 2 poli IP68
2-pole connector IP68





PESARO
Italy

OTTICHE / OPTICS

U-D 80° / 100° Diffused Beam



S 75° / 95° Ultra-Wide Beam

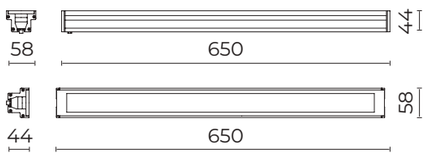


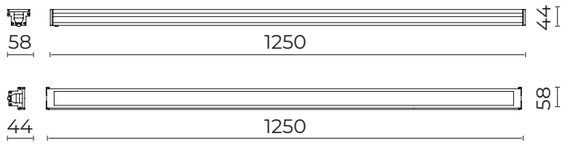
AS α=13° 30°/75° Asymmetric Beam



Trail
Parete / Wall-mounted





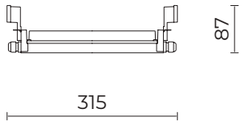




Trail
Parete / Wall-mounted

ACCESSORI / ACCESSORIES

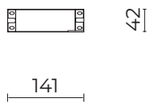
06OT988A0
Box cablato per attacco a parete o a soffitto IP65 CL II
Wired box for wall or ceiling attachment IP65 CL II



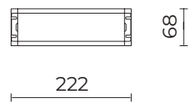
06TR997A0
Staffe fissaggio parete driver remoto
Wall mounting brackets, remote driver



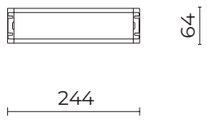
06TA902X0
Driver elettronico 60W 24V IP66
Electronic driver 60W 24V IP66



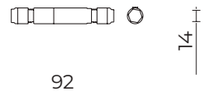
06LL914AB0
Driver elettronico DALI 150W 24V IP67
DALI electronic driver 150W 24V IP67



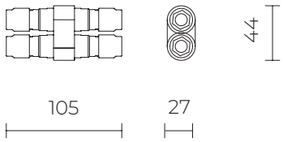
06LL915AB0
Driver elettronico 240W 24V IP67
Electronic driver 240W 24V IP67



06GC902X0
B165 - Connettore 2 poli IP68
2-pole connector IP68

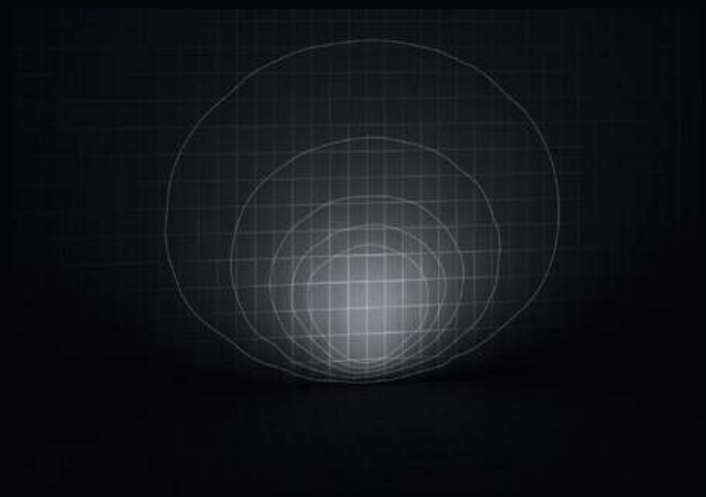


06TR977X0
B220 - Connettore 4 vie IP68
4-way connector IP68



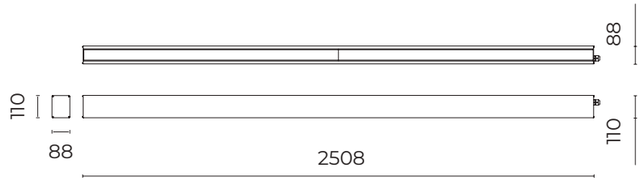
OTTICHE / OPTICS

U-D 80° / 100° Diffused Beam



Trail
Solid Line





KORE

Up-light, down-light e wall-washer ad incasso, KORE è ideale per l’illuminazione d’accento o diffusa di facciate, aree verdi e spazi urbani.

Up-light, down-light and recessed wall-washer, KORE is ideal for accent and diffuse lighting of facades, green areas and urban spaces.



Kore

220 240V | 50 60Hz | CL III CL II (DRIVER) | IP67 | IK09 (U-D 90°) | IK10 | ta -30 C +50 C | CE | ROHS



DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
970 - 1225 lm

Potenza apparecchio / Fitting power:
18 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 90, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
DALI

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K

MATERIALI / MATERIALS

Corpo / Body:
pressofusione di alluminio in lega primaria EN AB 44300
die-cast primary aluminium alloy EN AB 44300

Schermo / Screen:
vetro piano temprato / flat tempered glass

Gruppo ottico / Optical unit:
lenti in tecnopolimero ad alta trasparenza
high-transparency technopolymer lenses

Finitura / Finish:
cornice INOX AISI 316L con finitura sabbiata e micro-pallinata con sfere di vetro / INOX AISI 316L stainless steel frame with sandblasted and micro-shot glass-sphere peened finish

COLORI / COLOURS

- INOX AISI 316L

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
2 kg

Alimentazione elettronica / Electronic power supply:
remota, da ordinare separatamente / remote, to be ordered separately

Precablaggio / Pre-wiring:
incluso / included

Installazione / Installation:
terra (carrabile), pavimento flottante, controsoffitto
ground (drive over), floating floor, false ceiling

Sistema ottico orientabile / Orientable optical system:
inclinazione: 0°, -5°, -10°, -15°. Rotazione +359°
inclination: 0°, -5°, -10°, -15°. Rotation +359°



OTTICHE / OPTICS

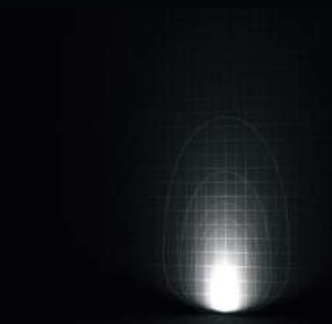
W-W Wall Washer



U-D 90° Diffused Beam



D 45° Wide Beam



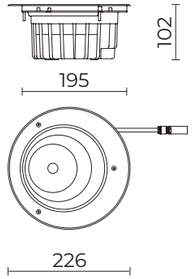
M 25° Medium Beam



C 12° Narrow Beam

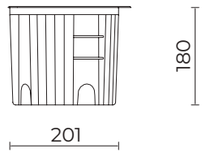


Kore
Incasso carrabile / Drive over recessed

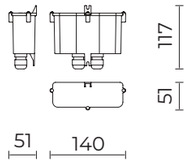


ACCESSORI / ACCESSORIES

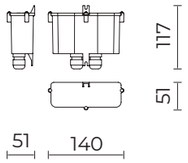
06KR901B0
B132 - Controcassa carrabile
Drive over recessed housing



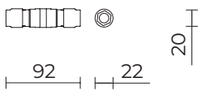
06KR904X0
B149 - Driver elettronico
20W 240V IP67
Electronic driver 20W 240V IP67



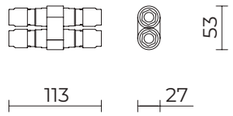
06KR905X0
B150 - Driver elettronico
DALI 20W 240V IP67
DALI electronic driver
20W 240V IP67



06KS918C0
B137 - Connettore 2 vie IP68
2-way connector IP68



06KS909C0
B89 - Connettore 4 vie IP68
4-way connector IP68



OTTICHE / OPTICS

W-W Wall Washer



U-D 90° Diffused Beam



D 45° Wide Beam



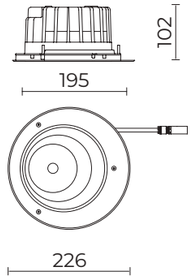
M 25° Medium Beam



C 12° Narrow Beam

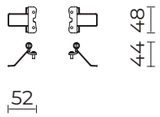


Kore
Incasso soffitto / Ceiling recessed

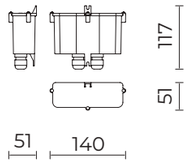


ACCESSORI / ACCESSORIES

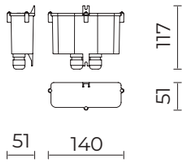
06KR903XX0
B134 - Molle per incasso a soffitto
Springs for ceiling recessed installation



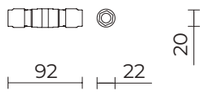
06KR904X0
B149 - Driver elettronico 20W 240V IP67
Electronic driver 20W 240V IP67



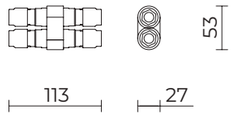
06KR905X0
B150 - Driver elettronico DALI 20W 240V IP67
DALI electronic driver 20W 240V IP67



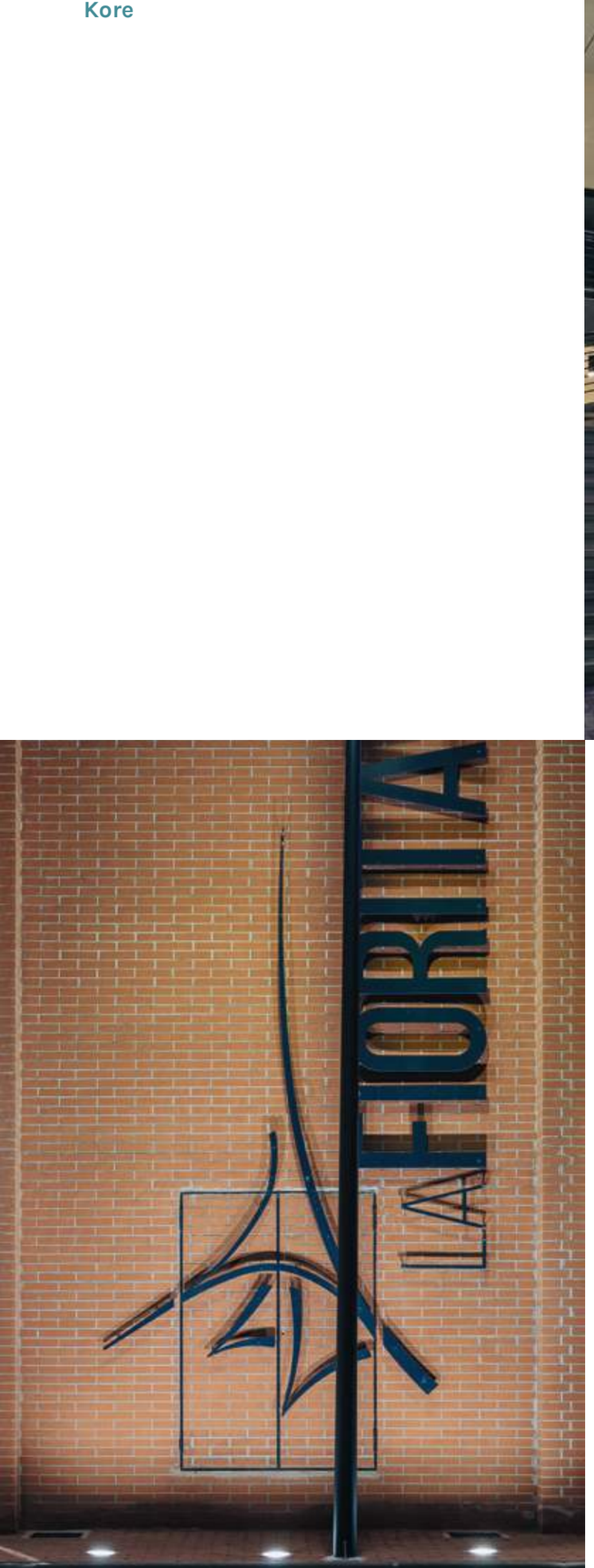
06KS918C0
B137 - Connettore 2 vie IP68
2-way connector IP68



06KS909C0
B89 - Connettore 4 vie IP68
4-way connector IP68



Kore





FINALE EMILIA
Italy

LACEDONIA
Italy



BANISTER

BANISTER è un corrimano ed elemento luminoso adatto per l'illuminazione uniforme di camminamenti, scale, corridoi, ponti pedonali.

BANISTER is both a handrail and a light, ideal for evenly lighting walkways, stairs, corridors and pedestrian bridges.



VENICE
Italy

Banister

230V* | 24Vdc** | 50Hz* | CL II* | CL III*** | IP65 | IK08 | ta -30°C +50°C | CE | ROHS

* individual module ** continuous line *** handrail

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
115 - 460 lm

Potenza apparecchio / Fitting power:
2,5 - 10W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K



MATERIALI / MATERIALS

Corpo / Body:
estrusione di lega d'alluminio UNI6060
extruded aluminium alloy UNI 6060

Staffe / Brackets:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%)
die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Gruppo ottico / Optical unit:
orientabile su 360° con step da 45°
orientable through 360° in steps of 45°

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici
phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
2 kg

Alimentazione elettronica / Electronic power supply:
inclusa (modulo singolo), remota (linea continua)
included (individual module), remote (continuous line)

Resistenza sovratensioni / Surge Protection Device:
MC 6 kV
MD 10 kV

Installazione / Installation:
parete / wall

Fissaggio / Fixing system:
staffa fissa / fixed bracket

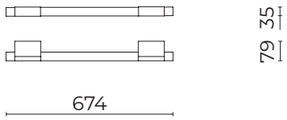
OTTICHE / OPTICS

S-D Adjustable Diffused Beam

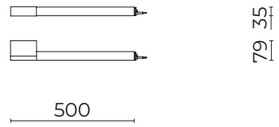


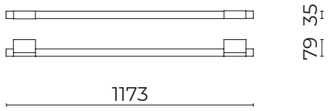
Banister
Parete / Wall

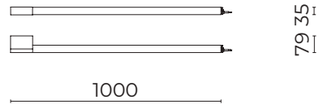
INDIVIDUAL MODULE
driver included

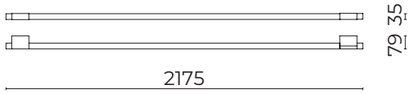


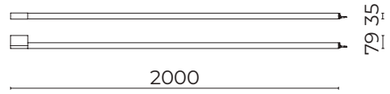
CONTINUOUS LINE







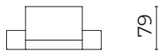




Banister
Parete / Wall

ACCESSORI / ACCESSORIES

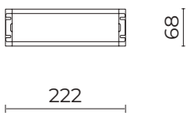
06BA900C0
Kit 2 terminali e staffa
Kit with 2 terminal parts and brackets



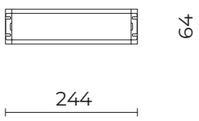


06TA902X0
Driver elettronico 60W 24V IP66
Elettronic driver 60W 24V IP66

06LL914AB0
Driver elettronico DALI 150W 24V IP67
DALI elettronic driver 150W 24V IP67



06LL915AB0
Driver elettronico 240W 24V IP67
Elettronic driver 240W 24V IP67



VADO LIGURE
Italy



EMI

EMI è stato ideato per l’illuminazione d’accento delle superfici di confine e degli spazi di passaggio tra l’interiorità e l’esteriorità urbana: soglie, muri, nicchie, portici, portali e finestre.

EMI was designed for accent lighting of border surfaces and transit spaces between urban interiors and exteriors: thresholds, walls, niches, arcades, portals and windows.



MILAN
Italy



Emi



220
240V

24Vdc
DALI

50
60Hz

CL II
CL III

IP66

BL IK08
AD IK07

ta
-30°C
+50°C

ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
135 - 160 lm

Potenza apparecchio / Fitting power:
4 W (versione DALI), 4,7 W (versione ON-OFF)
4 W (DALI version), 4,7 W (ON-OFF version)

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
DALI, driver esterno / DALI, external driver

MATERIALI / MATERIALS

Corpo e cover / Body and cover:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Gruppo ottico / Optical unit:
lente PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
0,6 kg

Alimentazione elettronica / Electronic power supply:
versione ON-OFF inclusa, versione DALI esclusa
ON-OFF version included, DALI version external

Precablaggio / Pre-wiring:
incluso, fornito con cavo 1,5 m
included, provided with cable 1,5 m

Installazione / Installation:
parete, soffitto. Accesso cavo posteriore e laterale
wall-mounted, ceiling. Bottom and side access point for the power cable

Fissaggio / Fastening:
Il sistema di fissaggio consente un'inclinazione in regolazione continua fino a 5°, per compensare eventuali pendenze delle superfici di installazione
The fastening system allows a continuously adjustable inclination of up to 5° to compensate for any sloping installation surfaces

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K



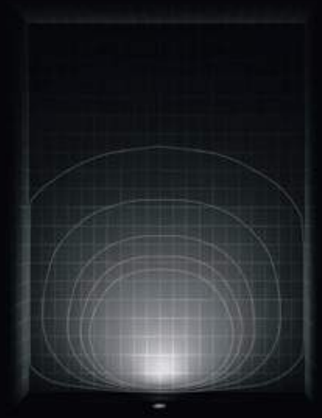


OTTICHE / OPTICS

Blade 5°x180°

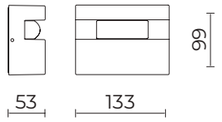


Asymmetric Diffused Beam

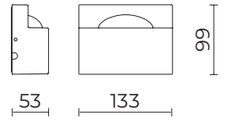


Emi

BL



AD

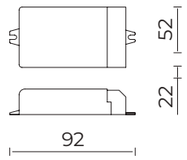


COLORI / COLOURS

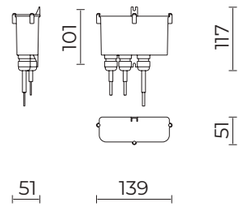
- SABLÉ 100 NOIR
- RAL9006
- CORTEN
- RAL9003

ACCESSORI / ACCESSORIES

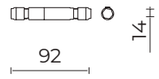
06EM900X0
D1 - Driver DALI 20W 24V IP20
N. 1 - 4 EMI / DALI driver 20W 24V IP20 N. 1 - 4 EMI



06EM901X0
D2 - Kit driver DALI 20W 24V IP67
N. 1 - 4 EMI / Kit DALI driver 20W 24V IP67 N. 1 - 4 EMI



06GC902X0
B165 - Connettore 2 poli IP68
2-pole connector IP68



MIKRO





MIKRO è un sistema dedicato all'illuminazione d'accento delle facciate, pensato per disegnare con la luce gli scenari urbani notturni.

MIKRO is a dedicated system for accent lighting of facades and is designed to draw urban night scenes with light.

Mikro

650mA | CL III | IP66 | IK08 | ta -30 C +50 C

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
135 - 180 lm

Potenza apparecchio / Fitting power:
4 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
driver ON-OFF o DALI esterno
external ON-OFF or DALI driver

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K



MATERIALI / MATERIALS

Corpo e fissaggio / Body and fastening:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato
tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- CORTEN
- RAL9003

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
0,5 kg

Alimentazione elettronica / Electronic power supply:
esclusa / excluded

Precablaggio / pre-wiring:
incluso, fornito con cavo 1 m
included, provided with 1 m cable

Inclinazione / Inclination:
Staffa di fissaggio integrata che, se necessario, può essere regolata per consentire l'inclinazione del prodotto (-15° ÷ +105°) e l'installazione anche nelle condizioni più complesse / Built-in fixing bracket that can be adjusted if necessary to tilt the product (-15° ÷ +105°) and install it in even the most complex conditions

Installazione / Installation:
terra, parete, soffitto / ground, wall-mounted, ceiling

OTTICHE / OPTICS

Blade 4°x17°



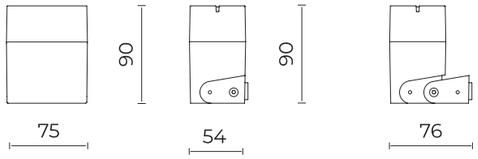
D 50°x20° Wide Beam



M 21°x19° Medium Beam

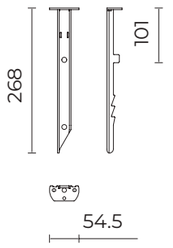


Mikro

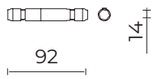


ACCESSORI / ACCESSORIES

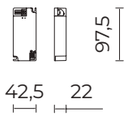
06AK957B0
I2 - Picchetto per interramento
Spike for ground



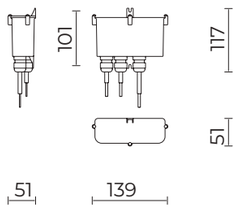
06GC902X0
B165 - Connettore 2 poli
2 pole connector



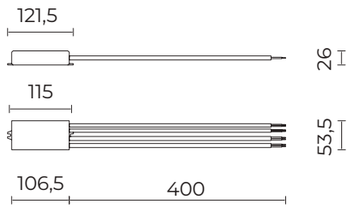
06MK900X0
D3 - Driver 30W 650mA IP20 1 - 6 Mikro
Driver 30W 650 mA IP20 1 - 6 Mikro



06MK901X0
D4 - Kit driver 650mA IP67 1 - 6 Mikro
Driver kit 650 mA IP67 1 - 6 Mikro



06MK902X0
D5 - Driver DALI 30W 650mA IP68 1 - 6 Mikro
DALI driver 30W 650 mA IP68 1 - 6 Mikro



GRAPHO &

GRAPHO MINI

Soluzioni per l’illuminazione
d’accento delle facciate, pensate per disegnare
con la luce gli scenari urbani notturni.

Solutions for accent lighting of
facades, designed to draw urban night scenes
with light.





VARAZZE
Italy

Grapho & Grapho mini

220 240V | 50 60Hz | CL I * CL II ** | IP66 | IK08 | ta -30°C +50°C

CE ROHS

* Grapho mini
** Grapho



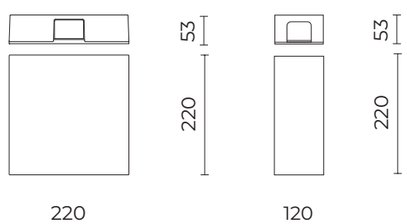
DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
135 - 710 lm

Potenza apparecchio / Fitting power:
4,5 - 17,5 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
DALI, incluso / DALI, included



TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K

MATERIALI / MATERIALS

Corpo e fissaggio / Body and fastening:
pressofusione di lega di alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
tecnopolimero stabilizzato ai raggi UV
UV stabilized technopolymer

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- CORTEN
- RAL9003

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
1 kg (Grapho mini), 1.5 kg (Grapho)

Alimentazione elettronica / Electronic power supply:
inclusa / included

Installazione / Installation:
parete, soffitto. Ingresso cavo posteriore. Predisposizione per entra-esci (solo Grapho) / wall-mounted, ceiling. Rear cable entry. Predisposition to in and out setup (only Grapho)

Sistema antivandalismo / Vandal-proof system:
previsti grani antivandalici
anti-vandalism grains provided

Grapho

OTTICHE / OPTICS

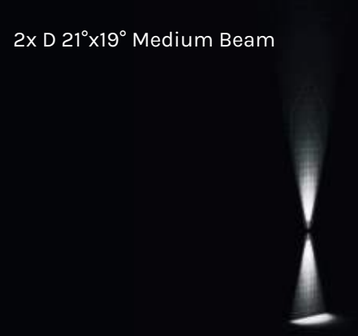
2x Blade 4°x17°



4x Blade 4°x17°



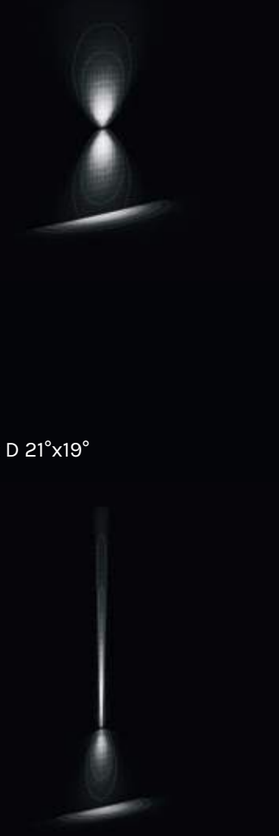
2x D 21°x19° Medium Beam



4x D 21°x19° Medium Beam



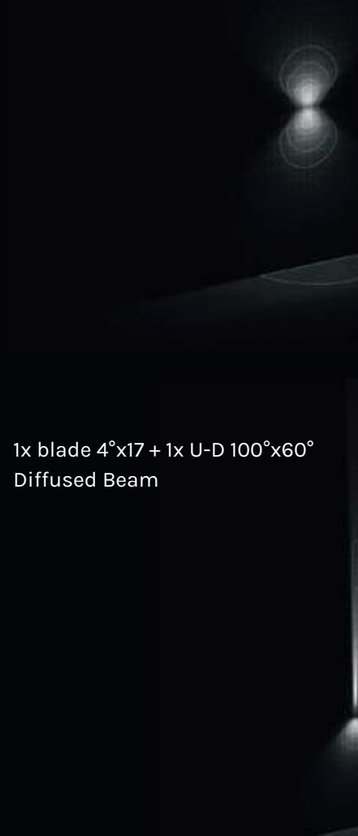
2x D 50°x20° Wide Beam



4x D 50°x20° Wide Beam



2x U-D 100°x60° Diffused Beam



U-D 100°x60° Diffused Beam



1x blade 4°x17° + 1x D 21°x19°
Medium Beam

2x blade 4°x17° + 2x D 21°x19°
Medium Beam

1x blade 4°x17 + 1x U-D 100°x60°
Diffused Beam

2x blade 4°x17° + 2x U-D 100°x60°
Diffused Beam

Grapho mini

OTTICHE / OPTICS

1x Blade 4°x17°



2x Blade 4°x17°



1x D 21°x19° Medium Beam



2x D 21°x19° Medium Beam



1x D 50°x20° Wide Beam



2x D 50°x20° Wide Beam



1x U-D 100°x60° Diffused Beam



2x U-D 100°x60° Diffused Beam



1x blade 4°x17° + 1x D 21°x19°
Medium Beam



1x blade 4°x17°+ 1x U-D 100°x60°
Diffused Beam



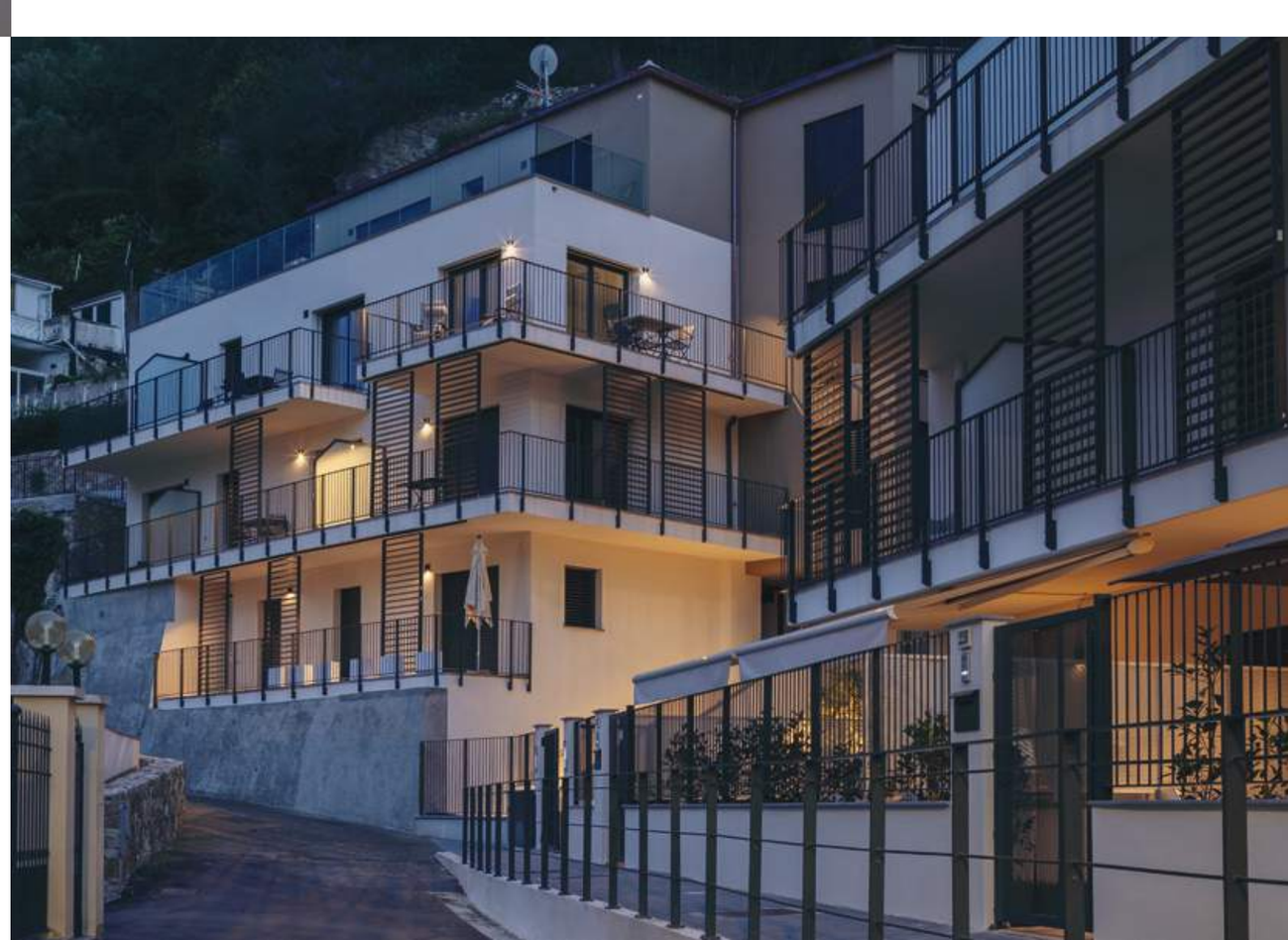
SANS SERIF

SANS SERIF rappresenta il silenzio della forma e l’eloquenza della funzione. Un’illuminazione discreta per camminamenti, scale e rampe, che si inserisce con garbo in ogni contesto.

SANS SERIF represents silence of form and eloquence of function. Discreet lighting for walkways, stairs and ramps, which fits into every context with grace.



BUDAPEST
Hungary



NOLI
Italy

220 240V | 50 60Hz | CL I (MQ-MR) | CL III (SQ) | IP66 | IK08 | ta -30°C +50°C

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
190 - 290 lm

Potenza apparecchio / Fitting power:
4,5 - 7,5 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
DALI su richiesta / DALI on request

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
0,5 kg (SQ), 2 kg (MQ-MR)

Alimentazione elettronica / Electronic power supply:
esclusa (SQ), inclusa (MQ-MR)
excluded (SQ), included (MQ-MR)

Installazione / Installation:
parete. Ingresso cavo posteriore.
Su richiesta ingresso cavo laterale
wall. Rear cable entry.
Lateral cable entry on request

MATERIALI / MATERIALS

Corpo e cover / Body and cover:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Collimatore ottico / Optical collimator:
nylon PA66

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- CORTEN
- RAL9003



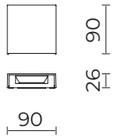
OTTICHE / OPTICS

AS-D Asymmetric Diffused Beam

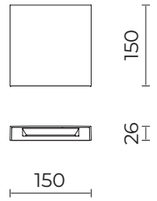


Sans Serif

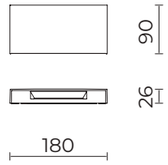
SMALL
QUADRATO
SQUARED



MEDIUM
QUADRATO
SQUARED

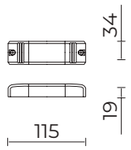


MEDIUM
RETTANGOLARE
RECTANGULAR



ACCESSORI / ACCESSORIES

06SS900X0
B184 - Driver IP20 350mA 15W, max 3 SANS SERIF SQ ON-OFF
Driver IP20 350 mA 15 W,
max 3 Sans Serif SQ ON-OFF

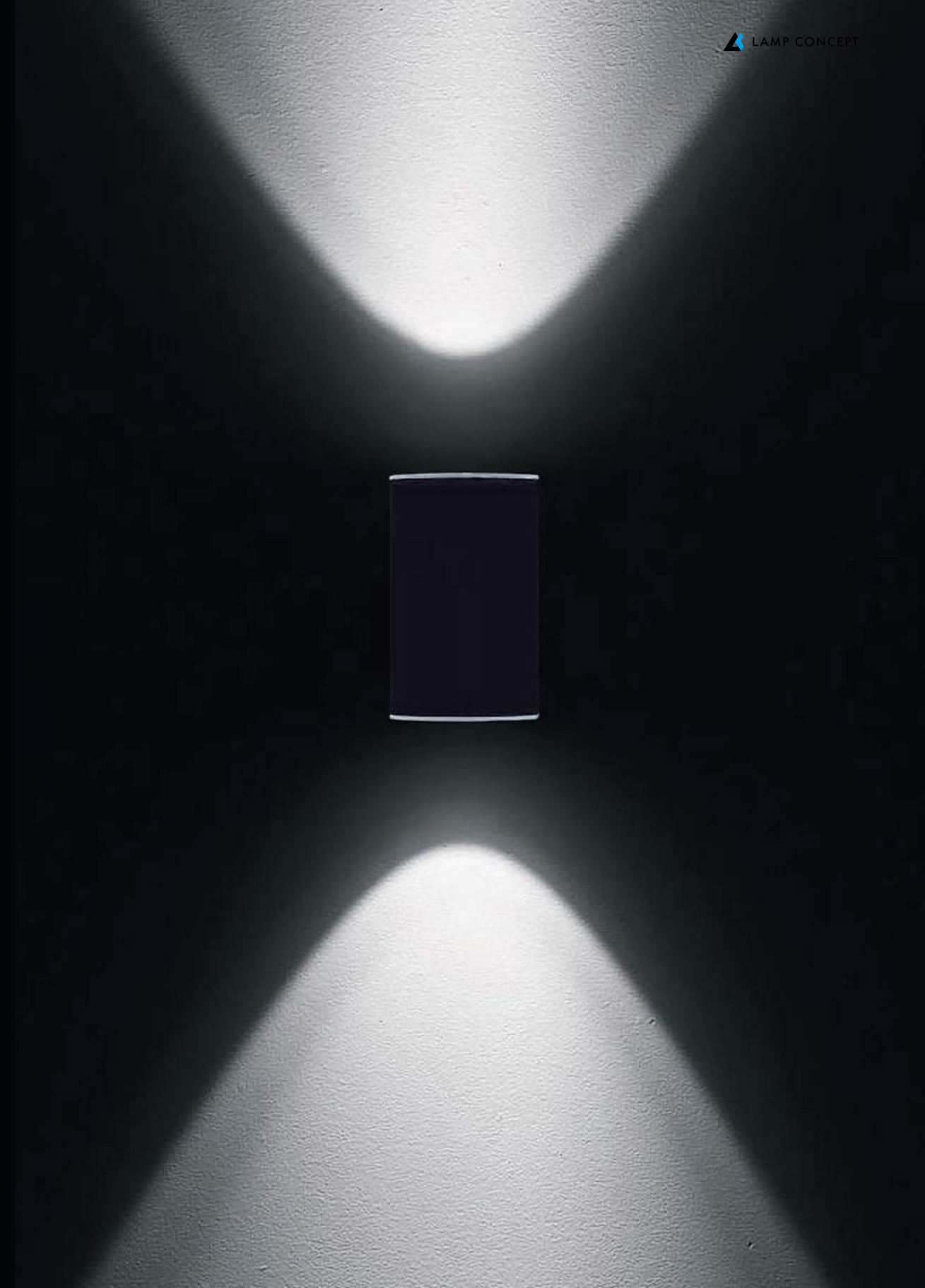




ONE4TWO

Applique da parete, mono-emissione o bi-emissione, ideale per l’illuminazione d’accento e diffusa di facciate, portici e ingressi agli edifici.

Wall-mounted, mono-emission or bi-emission product, ideal for accent and diffuse lighting of arcades, façades and building entrances.





LAMP CONCEPT

Cariboni Group

TORONTO
Canada



MARINA DALMACIJA
Croatia

LAMP CONCEPT
Cariboni Group

220 240V | 50 60Hz | CL I | IP65 | IK05 | ta -30°C +50°C

CE ROHS



DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
465 - 2200 lm

Potenza apparecchio / Fitting power:
7 - 31 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 80, SDCM ≤ 3

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

MATERIALI / MATERIALS

Corpo / Body:
estrusione di lega d'alluminio UNI9006/1
extruded aluminium alloy UNI 9006/1

Schermo / Screen:
vetro piano temprato
tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006

CARATTERISTICHE / FEATURES

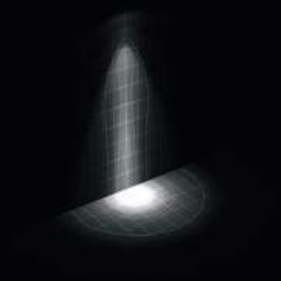
Peso massimo / Max weight:
2 kg (small), 4 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa / included

Installazione / Installation:
parete / wall

OTTICHE / OPTICS

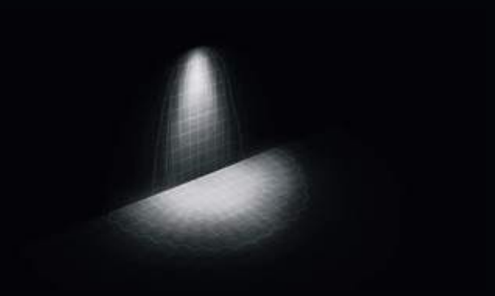
C 8° Narrow Beam



D 40° + D 40°



D 40° Wide Beam



C 8° + D 40°

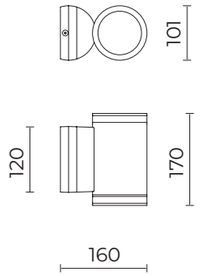


C 8° + C 8°

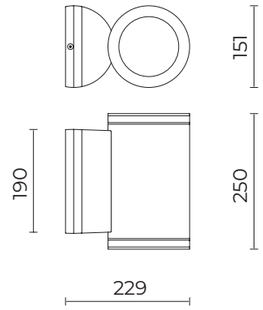


One4two
Parete / Wall

SMALL



MEDIUM



POLI



POLI in greco significa “città”
e lo abbiamo ideato per tutte le città dove
le persone sono più importanti delle cose.
Le città dove passeggiare, fermarsi, incontrarsi.

POLI in Greek means “city”, and we have
designed it for all cities where people are more
important than objects.
Cities for walking, stopping, meeting.





LECCO
Italy

220 240V | 50 60Hz | CL II | IP66 | IK09 | ta -30°C +50°C | CE | ROHS | 03 | NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1355 (1800 K) - 10835 lm

Potenza apparecchio / Fitting power:
12 - 78 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
mezzanotte virtuale. Su richiesta DALI, ZHAGA, CLO
virtual midnight. On request DALI, ZHAGA, CLO

TEMPERATURA COLORE COLOUR TEMPERATURE

- 2200 K
- 2700 K
- 3000 K
- 4000 K

ECO-CENTRIC LIGHTING (ECL)

(ONLY FOR STREET OPTICS)

BLUE FREE LIGHT:
PC-AMBER 0,7% ∑R (λ <500NM) _ CRI 40
1800 K 4,3% ∑R (λ <500NM) _ CRI 70

SWITCHABLE WHITE LIGHT:
1800K / 3000K

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
8 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

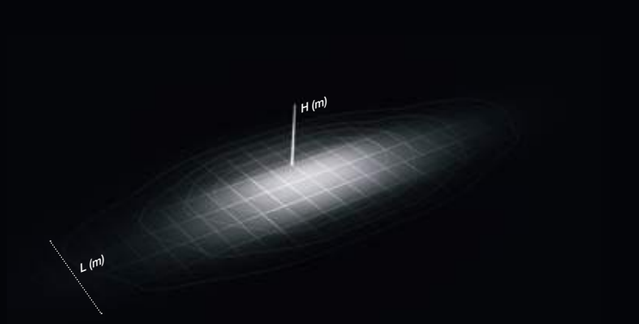
Precablaggio / Pre-wiring:
prodotto fornito con cavo e connettore
product provided with cable and connector

Installazione / Installation:
pali cima Ø 60 mm innesto H 90 mm
poles with post top Ø 60 mm and fastening part H 90 mm

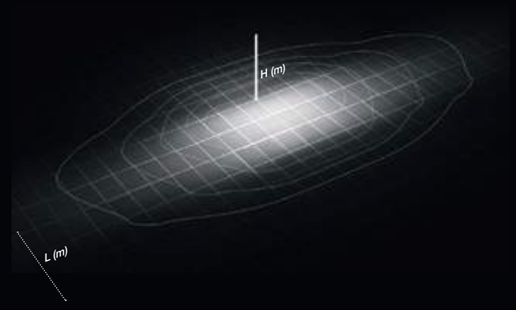


OTTICHE / OPTICS

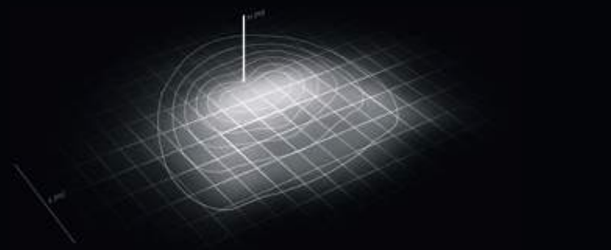
LT-C1 Cycle path
L / H = 0,5



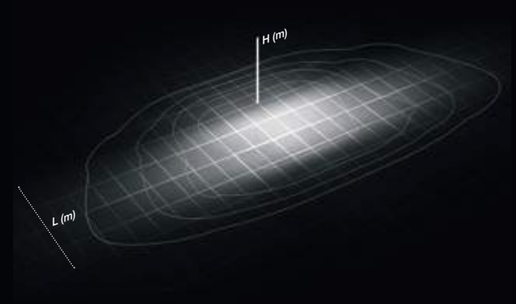
ST-02 Narrow Street ECL
L / H = 0,75



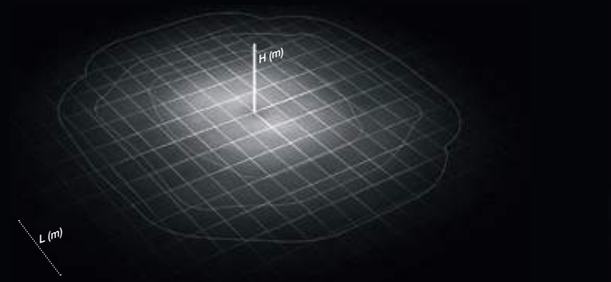
LT-64 Asymmetric Beam with backlight ECL
L / H = 2



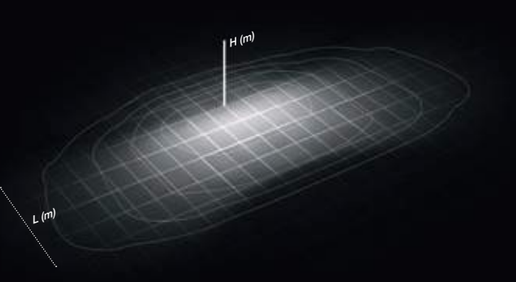
ME-05 Medium Street
L / H = 1



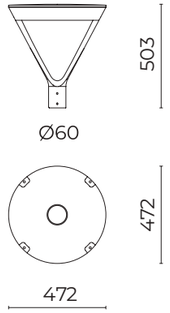
RS-02 Rotosymmetric Beam



LA-03 Wide Street ECL
L / H = 1,25

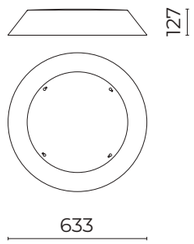


Poli

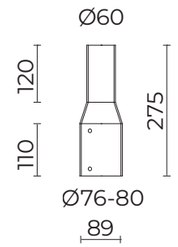


ACCESSORI / ACCESSORIES

01PL900C0 - Sablè 100 Noir
01PL900U60 - Copper
01PL900U50 - Green
Cappello decorativo
Decorative upper cover



01AK980C0
B200 - Adattatore pali
Pole adapter





DUAL

Una soluzione intelligente per l’illuminazione di spazi e percorsi urbani. Le linee morbide e le forme eleganti lo rendono adatto ad ogni contesto.

A smart solution for lighting urban spaces and pathways. Its soft lines and elegant shapes make it suitable for any context.



MIAMI
USA



GENOVA
Italy

Dual

220 240V | 50 60Hz | CL II | IP66 | IK08 | ta -30°C +50°C

CE | ROHS | 03 | NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1650 - 10835 lm

Potenza apparecchio / Fitting power:
12 - 78 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
mezzanotte virtuale. Su richiesta DALI, ZHAGA, CLO
virtual midnight. On request DALI, ZHAGA, CLO

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K

MATERIALI / MATERIALS

Corpo e codolo / Body and fastening part:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
policarbonato trasparente stabilizzato agli UV con fotoincisione / transparent polycarbonate UV stabilized with photoengraving

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza / high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR



ASIMMETRICO
ASYMMETRICAL

ROTOSIMMETRICO
ROTOSYMMETRICAL

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
6 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

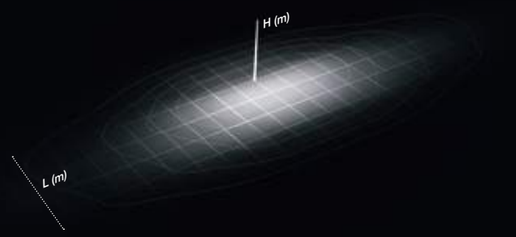
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Precablaggio / Pre-wiring:
incluso, fornito con cavo e connettore
included, provided with cable and connector

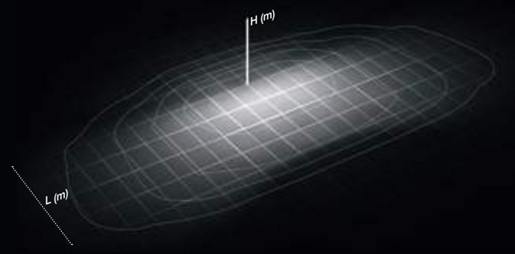
Installazione / Installation:
pali cima Ø 60 mm innesto H 70 mm
poles for post top Ø 60 mm and fastening part H 70 mm

OTTICHE / OPTICS

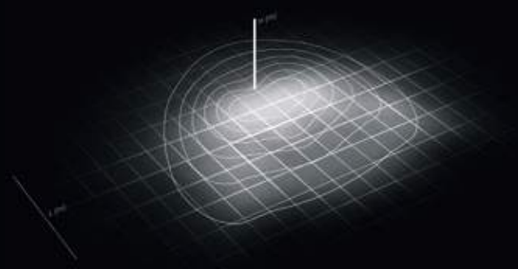
LT-C1 Cycle path
L / H = 0,5



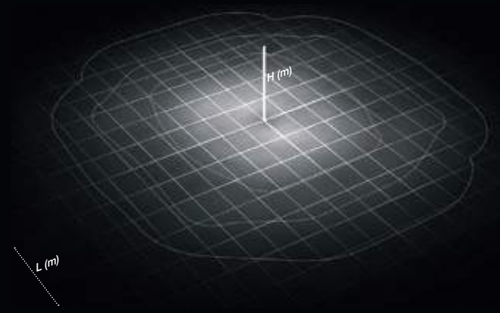
LA-03 Wide Street
L / H = 1,25



LT-64 Asymmetric Beam with backlight
L / H = 2

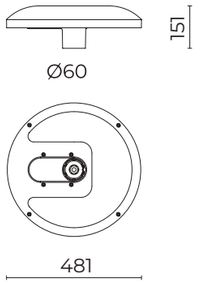


RS-02 Rotosymmetric Beam

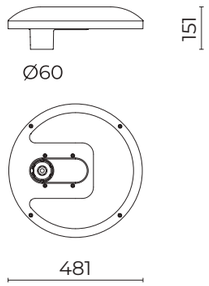


Dual

Rotosimmetrico
Rotosymmetrical



Asimmetrico
Asymmetrical





KALOS



Flessibilità d’installazione e prestazioni del sistema ottico rendono KALOS una soluzione efficace per l’illuminazione di spazi e percorsi urbani.

Flexibility of installation and performance of the optical system make KALOS an effective solution of lighting urban spaces and pathways.


9000
8000
7000
6000
5000
4000


9000
8000
7000
6000
5000
4000

220 240V | 50 60Hz | CL II | IP66 | IK09 | ta -30°C +50°C | CE | ROHS | IK03 | NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1610 - 13895 lm

Potenza apparecchio / Fitting power:
13,5 - 103,5 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 4

Illuminazione intelligente / Smart lighting:
mezzanotte virtuale. Su richiesta ZHAGA, DALI, CLO, PLC, telegestione wireless / virtual midnight. On request ZHAGA, DALI, CLO, PLC, wireless telemanagement

COLORI / COLOURS

- SABLÉ 100 NOIR

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K (TESTA PALO / POST TOP)
- 3000 K
- 4000 K



MATERIALI / MATERIALS

Corpo e codolo / Body and fastening part:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
8 kg

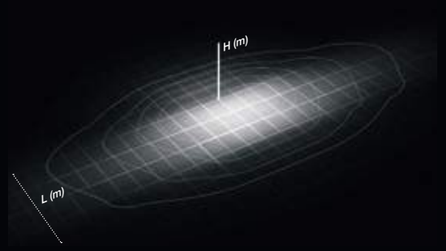
Alimentazione elettronica / Electronic power supply:
inclusa / included

Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

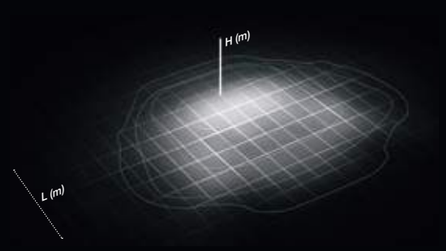
Installazione / Installation:
testa palo, lato palo, sospensione braccio, sospensione tesata, parete, sottoportico
post top, pole side, arm suspension, string suspension, wall, arcade

OTTICHE / OPTICS

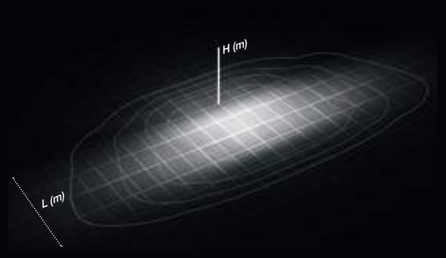
ST-01 Narrow Street
L / H = 0,75



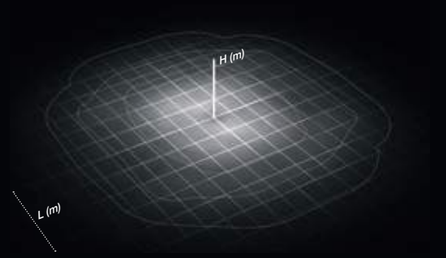
LT-06 Asymmetric Beam
L / H = 2



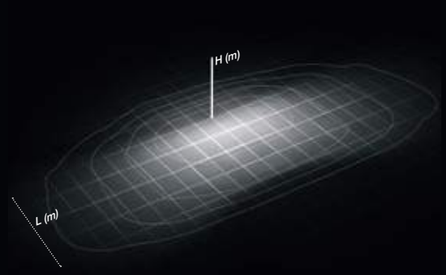
ME-01 Medium Street
L / H = 1



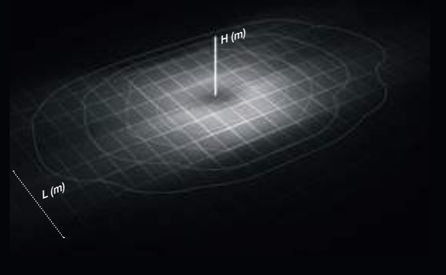
RS-01 Rotosymmetric Beam
L / H = 2



LA-01 Wide Street
L / H = 1,25



F&B ST-01 + LA-01 Front & Back
L / H = 0,75 + 1,25

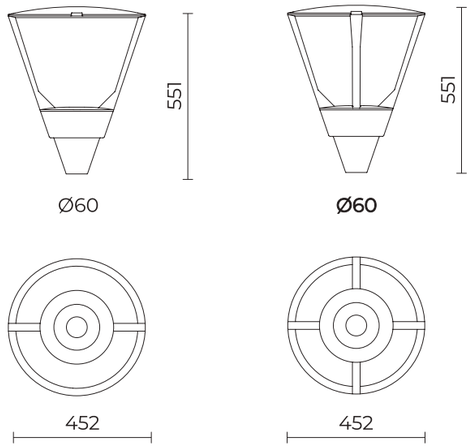


LAMP CONCEPT
Cariboni Group

Kalos
Testa palo / Post top

DATI TECNICI / TECHNICAL DATA

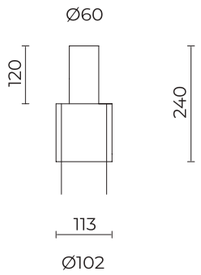
Installazione / Installations:
pali cima Ø 60 mm innesto H 65 mm
poles for post top Ø 60 mm and fastening part H 65 mm



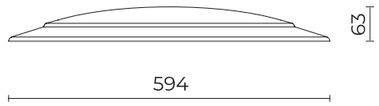


ACCESSORI / ACCESSORIES

01SC913C0
Riduzione codolo
Reduction fastening part

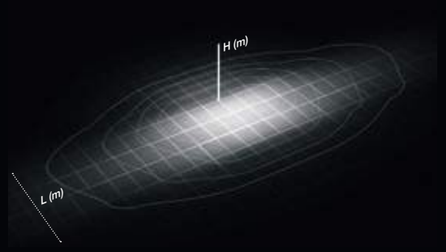


01KA901C0
Cappello per Kalos 4 chele testa palo o su braccio portato
Cover for Kalos 4 post top arms or on arm for upwards installation

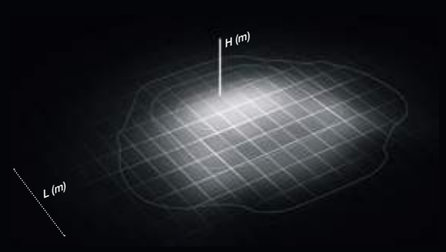


OTTICHE / OPTICS

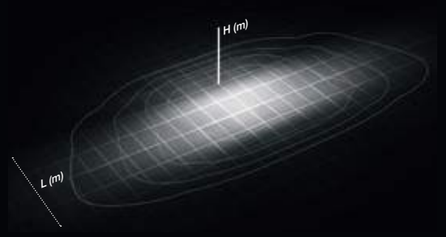
ST-01 Narrow Street
L / H = 0,75



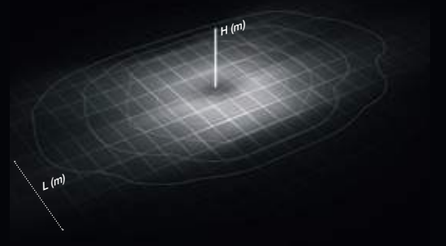
LT-06 Asymmetric Beam
L / H = 2



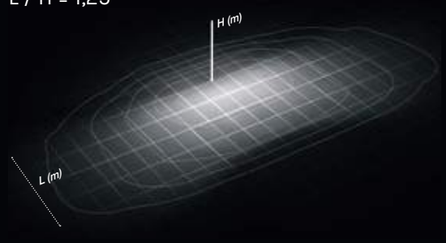
ME-01 Medium Street
L / H = 1



F&B ST-01 + LA-01 Front & Back
L / H = 0,75 + 1,25



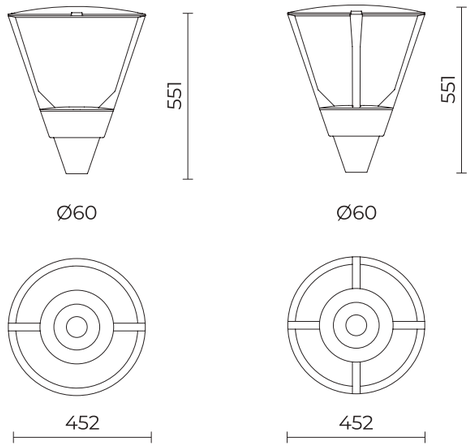
LA-01 Wide Street
L / H = 1,25



Kalos
Lato palo / Pole side

DATI TECNICI / TECHNICAL DATA

Installazione / Installations:
su bracci con attacco Ø 60 mm per pali Ø 102 mm
on arms with Ø 60 mm fastening for poles Ø 102 mm

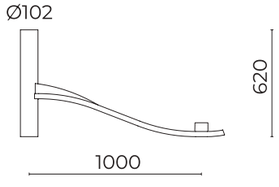




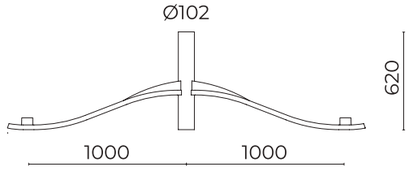
Kalos
Lato palo / Pole side

BRACCI / ARMS

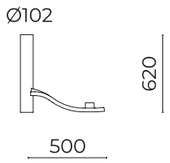
01KA902C0
B35 - Braccio per pali con codolo
Ø 60 mm H 120 mm
Arm for poles with fastening part
Ø 60 mm H 120 mm



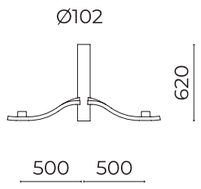
01KA903C0
B36 - Braccio doppio per pali con codolo
Ø 60 mm H 120 mm
Double arm for poles with fastening part
Ø 60 mm H 120 mm



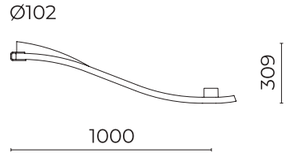
01KA904C0
B37 - Braccio per pali con codolo
Ø 60 mm H 120 mm
Arm for poles with fastening part
Ø 60 mm H 120 mm



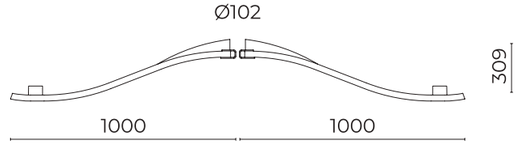
01KA905C0
B38 - Braccio doppio per pali con codolo
Ø 60 mm H 120 mm
Double arm for poles with fastening part
Ø 60 mm H 120 mm



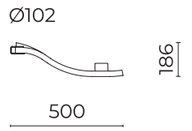
01KA906C0
B39 - Braccio per pali
Arm for poles



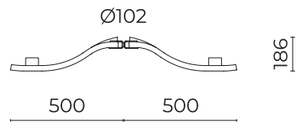
01KA907C0
B44 - Braccio doppio per pali
Double arm for poles



01KA908C0
B45 - Braccio per pali
Arm for poles



01KA909C0
B46 - Braccio doppio per pali
Double arm for polespoles





VILNIUS
Lithuania

MILANO
Italy





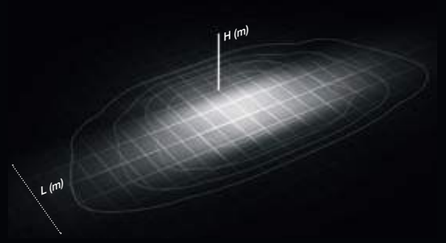
OMEGNA
Italy

LOHJA
Finland

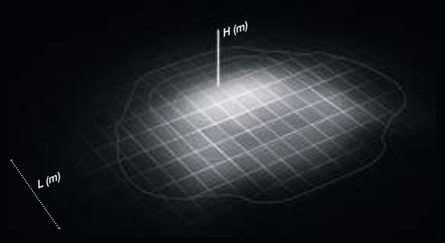


OTTICHE / OPTICS

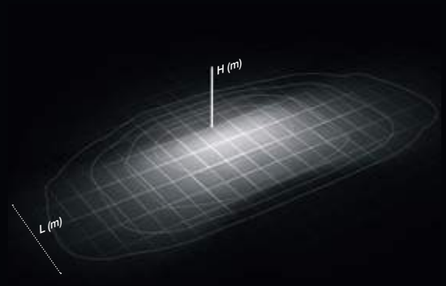
ME-01 Medium Street
L / H = 1



LT-06 Asymmetric Beam
L / H = 2



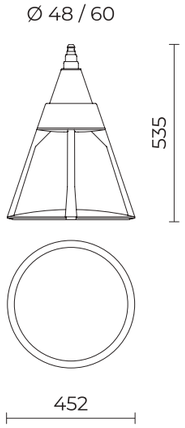
LA-01 Wide Street
L / H = 1,25



Kalos
Sospensione braccio / Arm suspension

DATI TECNICI / TECHNICAL DATA

Installazione / Installations:
su bracci con attacco Ø 60 mm per pali Ø 102 mm
on arms with Ø 60 mm fastening for poles Ø 102 mm

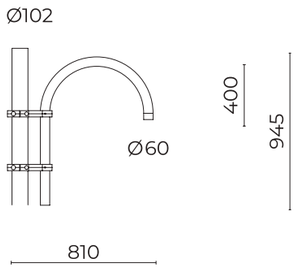




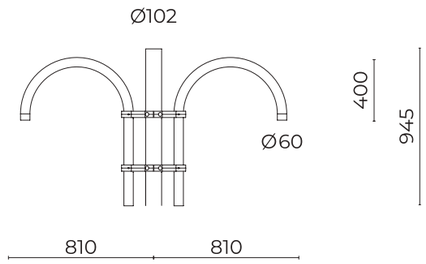
Kalos
Sospensione braccio / Arm suspension

BRACCI / ARMS

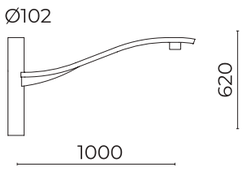
01AK935C0
B15 - Braccio pastorale per pali
Curved arm for poles



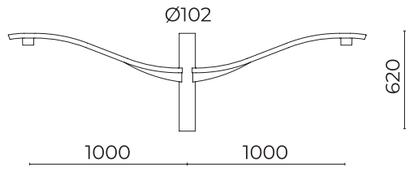
01AK936C0
B16 - Braccio pastorale doppio per pali
Double curved arm for poles



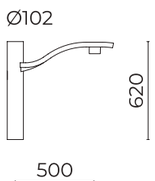
01KA902C0
B35 - Braccio per pali con codolo Ø 60 mm H 120 mm / Arm for poles with fastening part Ø 60 mm H 120 mm



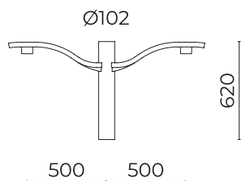
01KA903C0
B36 - Braccio doppio per pali con codolo Ø 60 mm H 120 mm / Double arm for poles with fastening part Ø 60 mm H 120 mm



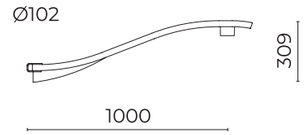
01KA904C0
B37 - Braccio per pali con codolo Ø 60 mm H 120 mm / Arm for poles with fastening part Ø 60 mm H 120 mm



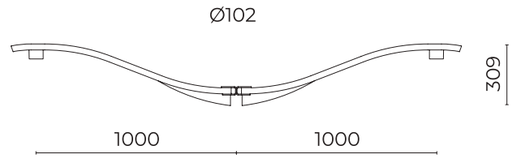
01KA905C0
B38 - Braccio doppio per pali con codolo Ø 60 mm H 120 mm / Double arm for poles with fastening part Ø 60 mm H 120 mm



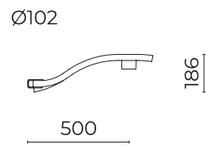
01KA906C0
B39 - Braccio per pali
Arm for poles



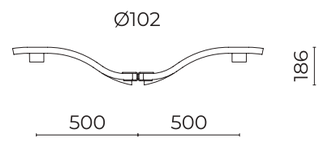
01KA907C0
B44 - Braccio doppio per pali
Double arm for poles



01KA908C0
B45 - Braccio per pali
Arm for poles



01KA909C0
B46 - Braccio doppio per pali
Double arm for poles

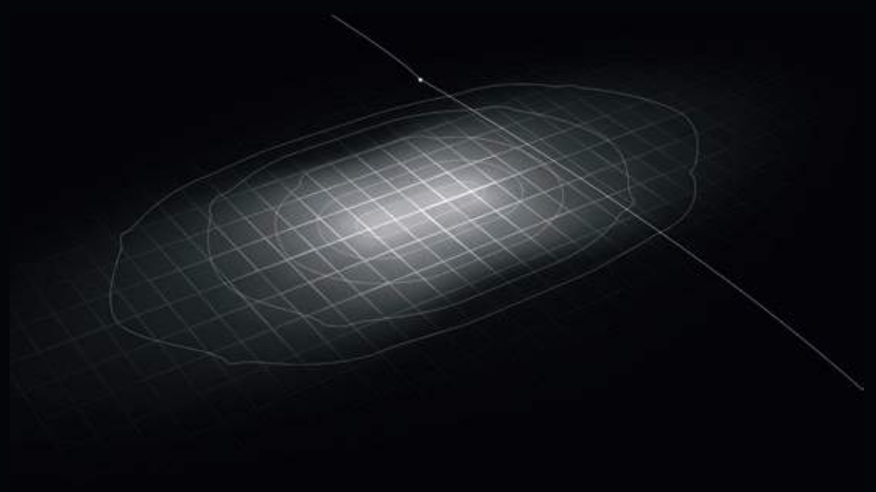


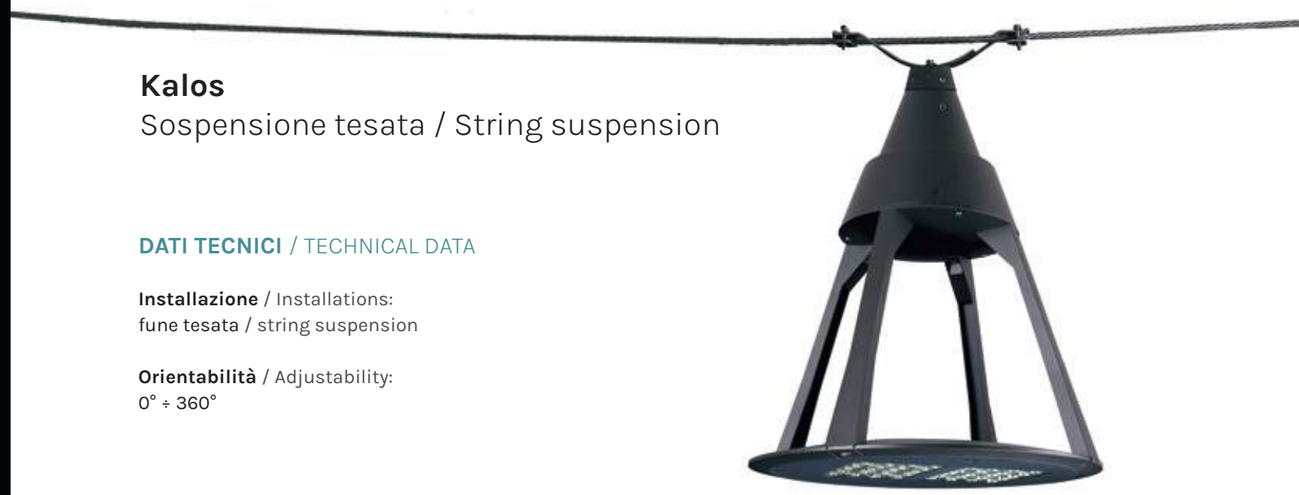
01AK907C0
L16 - Kit sospensione maschio
Male suspension kit



OTTICHE / OPTICS

SO-01 Street Centered



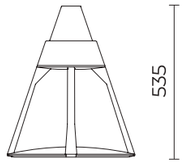


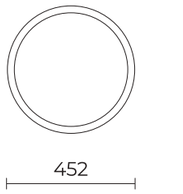
Kalos
Sospensione tesata / String suspension

DATI TECNICI / TECHNICAL DATA

Installazione / Installations:
fune tesata / string suspension

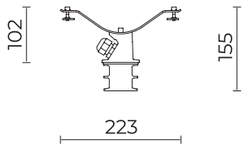
Orientabilità / Adjustability:
0° ÷ 360°





ACCESSORI / ACCESSORIES

01KA925C0
Kit sospensione fune tesata Ø 6 ÷ 12 mm
Suspension kit for string Ø 6 ÷ 12 mm



OTTICHE / OPTICS

ST-01 Narrow Street
L / H = 0,75



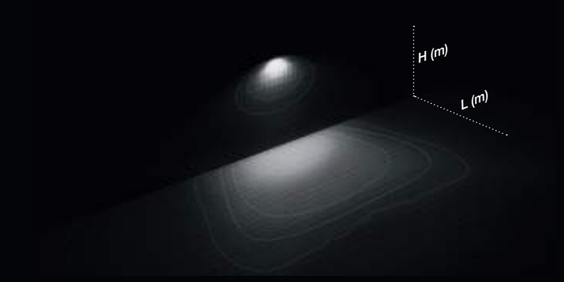
LA-01 Wide Street
L / H = 1,25



ME-01 Medium Street
L / H = 1



LT-06 Asymmetric Beam
L / H = 2

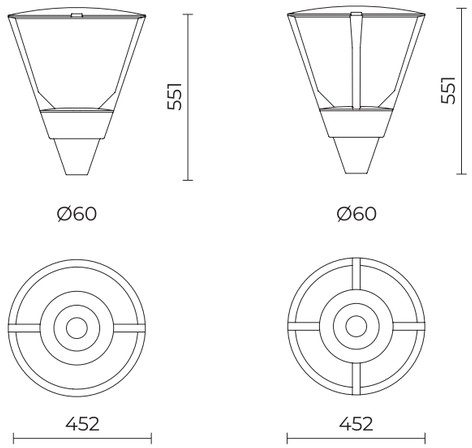


Kalos
Parete / Wall



DATI TECNICI / TECHNICAL DATA

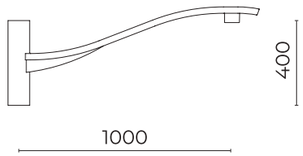
Installazione / Installations:
su bracci a parete / on wall-mounted arms



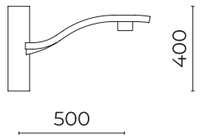
Kalos
Parete / Wall

BRACCI / ARMS

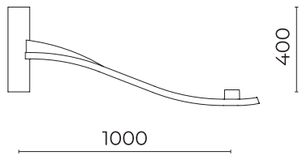
01KA910C0
B39-P - Braccio parete DOWN
Arm wall-mounted DOWN



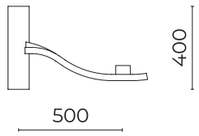
01KA911C0
B45-P - Braccio parete DOWN
Arm wall-mounted DOWN



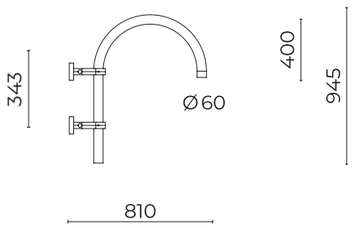
01KA910C0
B39-P - Braccio parete UP
Arm wall-mounted UP



01KA911C0
B45-P - Braccio parete UP
Arm wall-mounted UP



01AK950C0
B15-P - Braccio pastorale parete
Curved arm for wall





LONATO DEL GARDA
Italy

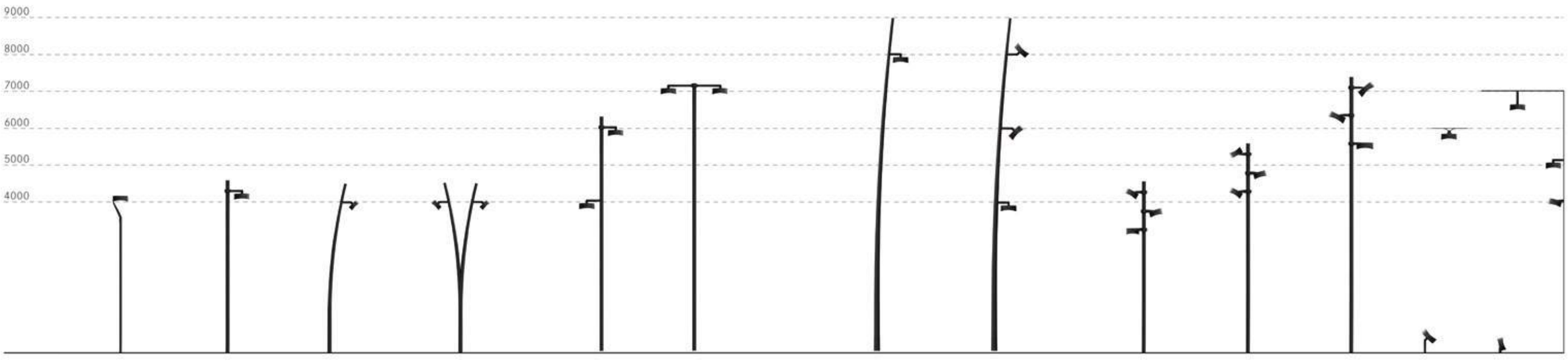
KOSMOS



KOSMOS è un sistema completo e flessibile per l’illuminazione di vuoti e pieni urbani: percorsi, spazi e architetture.

KOSMOS is a complete flexible system for lighting empty and full urban locations: pathways, spaces and architecture.

NERVI
Italy


9000
8000
7000
6000
5000
4000

220 240V | 50 60Hz | CL II | IP66 | IK09 | ta -30°C +50°C | CE | ROHS | 03 | NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1355 (1800 K) - 16150 lm

Potenza apparecchio / Fitting power:
12 - 108 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 3

Illuminazione intelligente / Smart Lighting:
mezzanotte virtuale. Su richiesta DALI, ZHAGA, CLO, PLC, telegestione wireless
virtual midnight. On request DALI, ZHAGA, CLO, PLC, wireless telemanagement

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

SABLÉ 100 NOIR

ECO-CENTRIC LIGHTING (ECL)

(ONLY FOR STREET OPTICS)

BLUE FREE LIGHT:
PC-AMBER 0,7% ∑R (λ <500NM) _ CRI 40
1800 K 4,3% ∑R (λ <500NM) _ CRI 70

SWITCHABLE WHITE LIGHT:
1800K / 3000K

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
3,5 kg (small), 7,5 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa / included

Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Precablaggio / Pre-wiring:
prodotto pre-cablato con cavo e connettore
pre-wired product with cable and connector

Installazione / Installation:
testa palo, lato palo, sospensione braccio, sospensione tesata, parete, sottoportico
post top, pole side, suspension arm, string suspension, wall, arcade





ODENA
Spain

KIEV
Ukraine





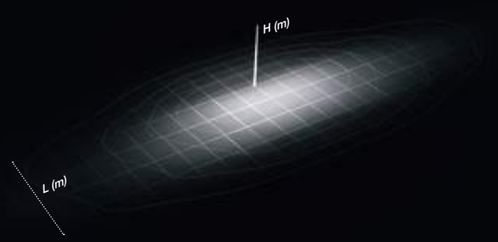
NERVI
Italy

CAPACCIO PAESTUM
Italy

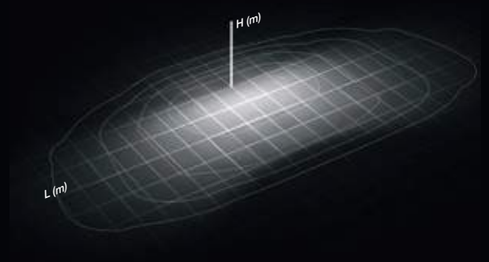


OTTICHE / OPTICS

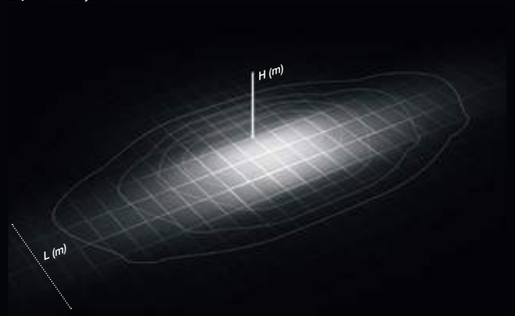
LT-C1 Cycle Path
L / H = 0,5



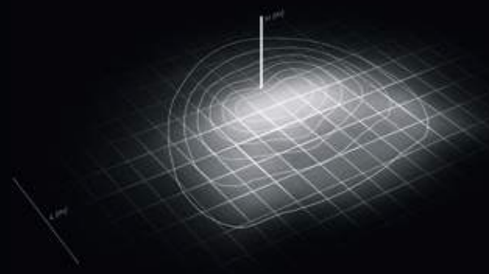
LA-03 Wide Street ECL
L / H = 1,25



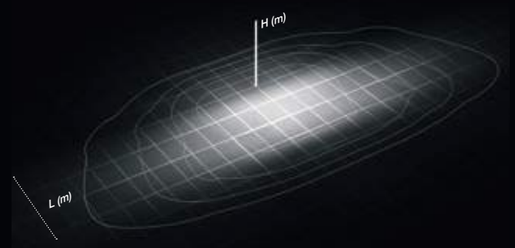
ST-02 Narrow Street ECL
L / H = 0,75



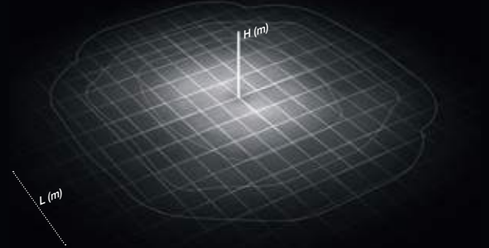
LT-64 Asymmetric Beam with backlight ECL
L / H = 2



ME-05 Medium Street ECL
L / H = 1



RS-02 Rotosymmetric Beam
L / H = 2

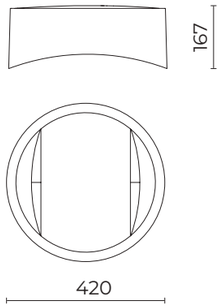


Kosmos
Testa palo / Post top

DATI TECNICI / TECHNICAL DATA

Installazione / Installations:
con accessorio 06KS901C0 su pali Ø 76 mm, con riduzione Ø 60 mm / with accessory 06KS901C0 on poles Ø 76 mm, with reduction Ø 60 mm

MEDIUM



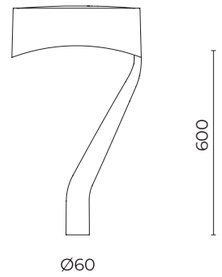


TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 2700 K
- 3000 K
- 4000 K

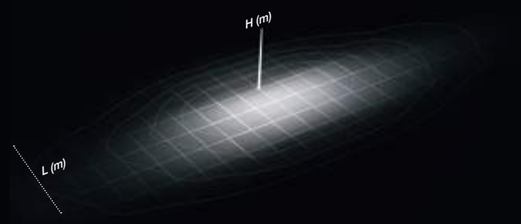
ACCESSORI / ACCESSORIES

06KS901C0
B81 - Chela testa palo, innesto H 90 mm / Arm for post top, fastening part H 90 mm

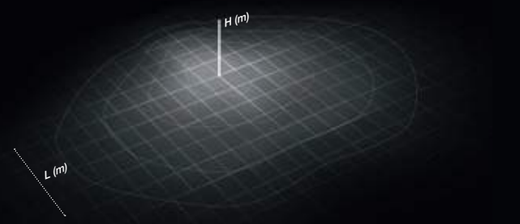


OTTICHE / OPTICS

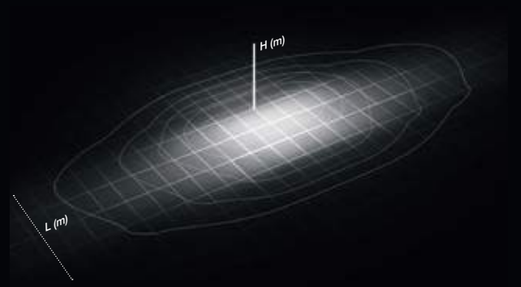
LT-C1 Cycle Path
L / H = 0,5



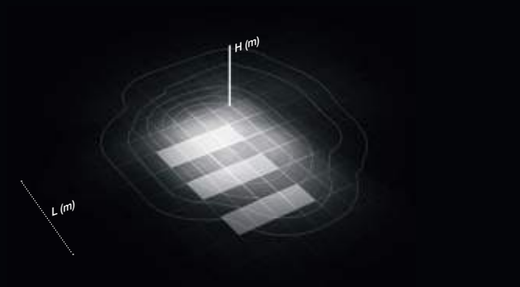
PB-01 Low Pole
L / H = 2



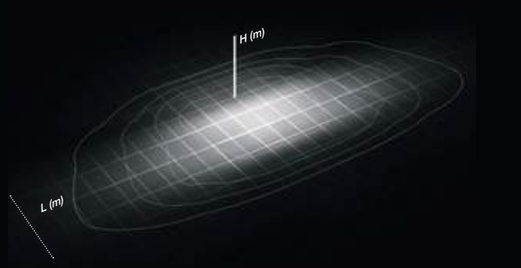
ST-02 Narrow Street ECL
L / H = 0,75



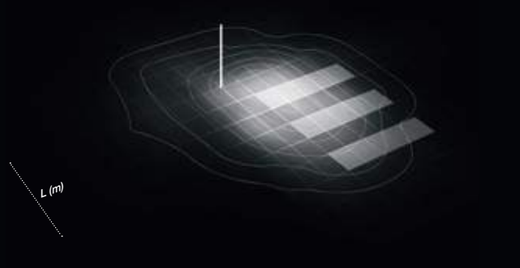
AP-D2 Pedestrian Crossing



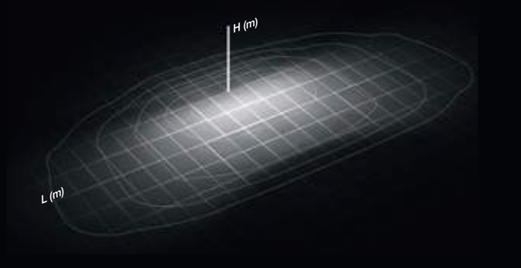
ME-05 Medium Street ECL
L / H = 1



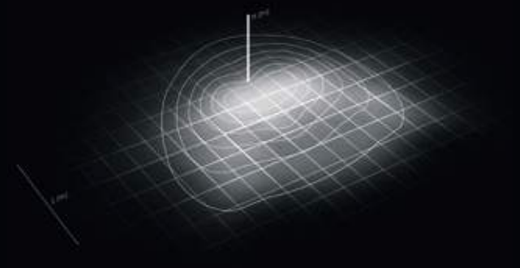
AP-S2 Pedestrian Crossing



LA-03 Wide Street ECL
L / H = 1,25



LT-64 Asymmetric Beam with backlight ECL
L / H = 2



LAMP CONCEPT
Cariboni Group

Kosmos
Lato palo / Pole side

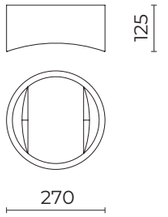


DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
con accessori, su pali Ø 60 - 76 - 102 mm
with accessories, on poles Ø 60 - 76 - 102 mm

Inclinazione / Inclination:
regolazione continua -10° ÷ +190° (in step da 5°)
continuous adjustment -10° ÷ +190° (step 5°)

SMALL



MEDIUM

TEMPERATURA COLORE
COLOUR TEMPERATURE

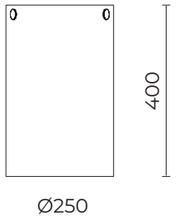
- 2200 K
- 2700 K
- 3000 K
- 4000 K

Kosmos
Lato palo / Pole side

ACCESSORI / ACCESSORIES

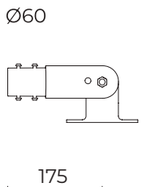
KOSMOS SMALL

06ND901Y0
Diffusore policarbonato trasparente
Transparent polycarbonate diffuser

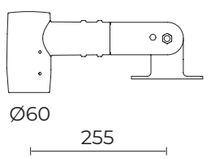


KOSMOS SMALL - MEDIUM

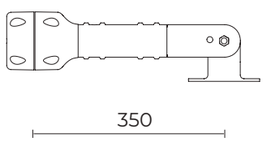
06KS904C0
B84 - Snodo per bracci
Joint for arms



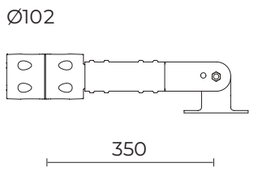
06KS906C0
B86 - Giunto testa palo, codolo H 90 mm
Joint for post top, fastening part H 90 mm



06KS907C0
B87 - Braccio per pali
Arm for poles



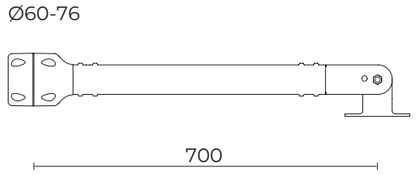
06KS912C0
B92 - Braccio per pali
Arm for poles



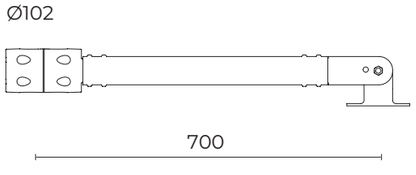


KOSMOS SMALL - MEDIUM

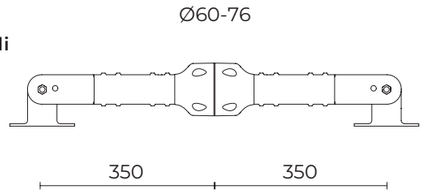
06KS908C0
B88 - Braccio per pali
Arm for poles



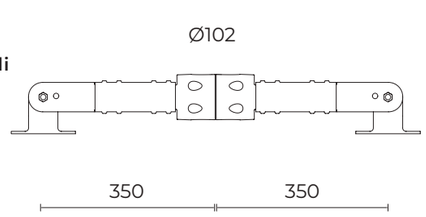
06KS913C0
B93 - Braccio per pali
Arm for poles



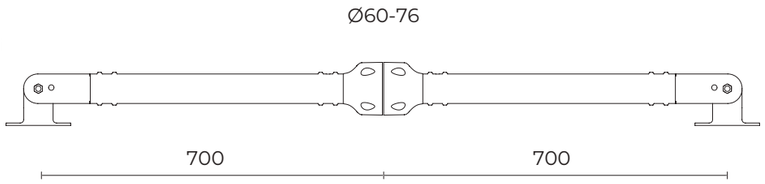
06KS910C0
B90 - Braccio doppio per pali
Double arm for poles



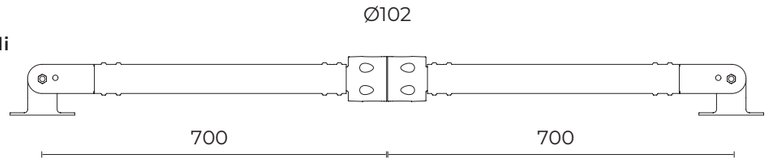
06KS914C0
B94 - Braccio doppio per pali
Double arm for poles



06KS911C0
B91 - Braccio doppio per pali
Double arm for poles



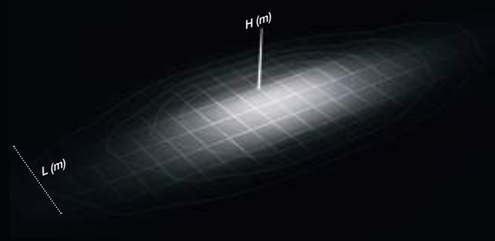
06KS915C0
B95 - Braccio doppio per pali
Double arm for poles



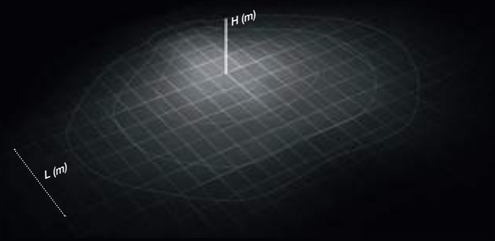
SUCY-EN-BRIE
France

OTTICHE / OPTICS

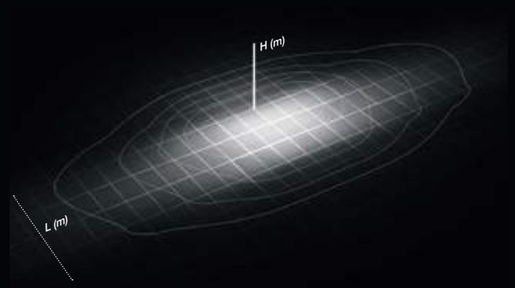
LT-C1 Cycle Path
L / H = 0,5



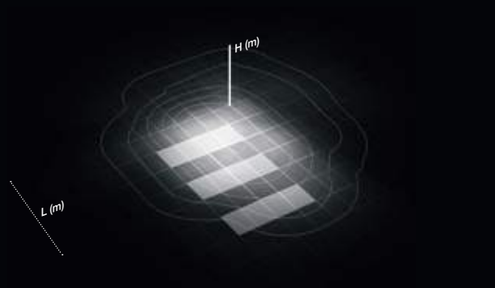
PB-01 Low Pole
L / H = 2



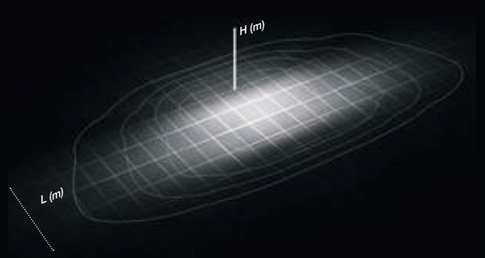
ST-02 Narrow Street ECL
L / H = 0,75



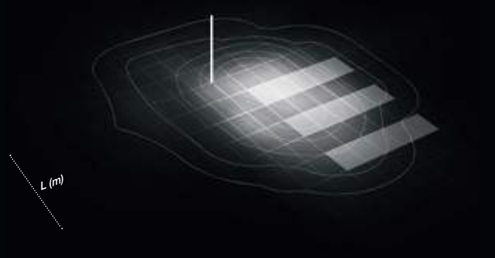
AP-D2 Pedestrian Crossing



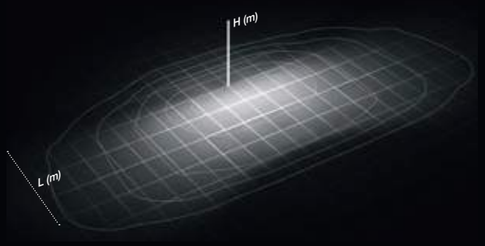
ME-05 Medium Street ECL
L / H = 1



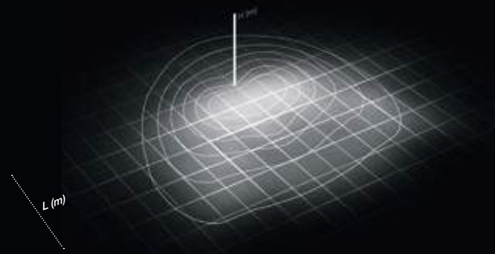
AP-S2 Pedestrian Crossing



LA-03 Wide Street ECL
L / H = 1,25



LT-64 Asymmetric Beam with backlight ECL
L / H = 2



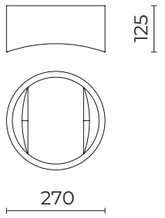
Kosmos
Sospensione braccio / Arm suspension

DATI TECNICI / TECHNICAL DATA

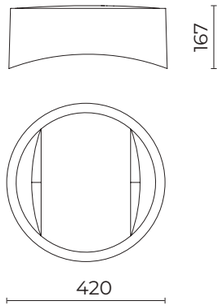
Installazione / Installation:
con accessorio 06KS903C0 su bracci per pali Ø 102 mm
with accessory 06KS903C0 on arms for poles Ø 102 mm



SMALL



MEDIUM



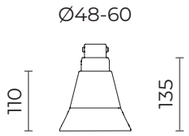
TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 2700 K
- 3000 K
- 4000 K

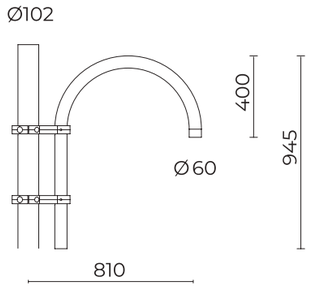
Kosmos
Sospensione braccio / Arm suspension

ACCESSORI / ACCESSORIES

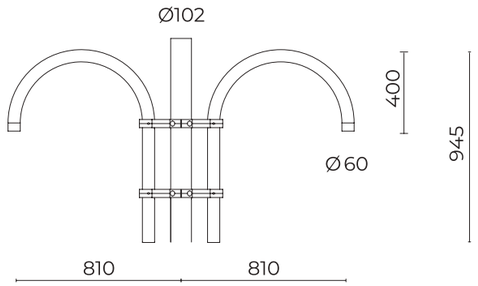
06KS903C0
B79 - Kit fissaggio su bracci pastorali
Fastening kit on curved arms



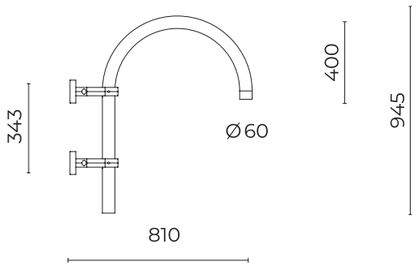
01AK935C0
B15 - Braccio pastorale per pali
Curved arm for poles



01AK936C0
B16 - Braccio pastorale doppio per pali
Double curved arm for poles



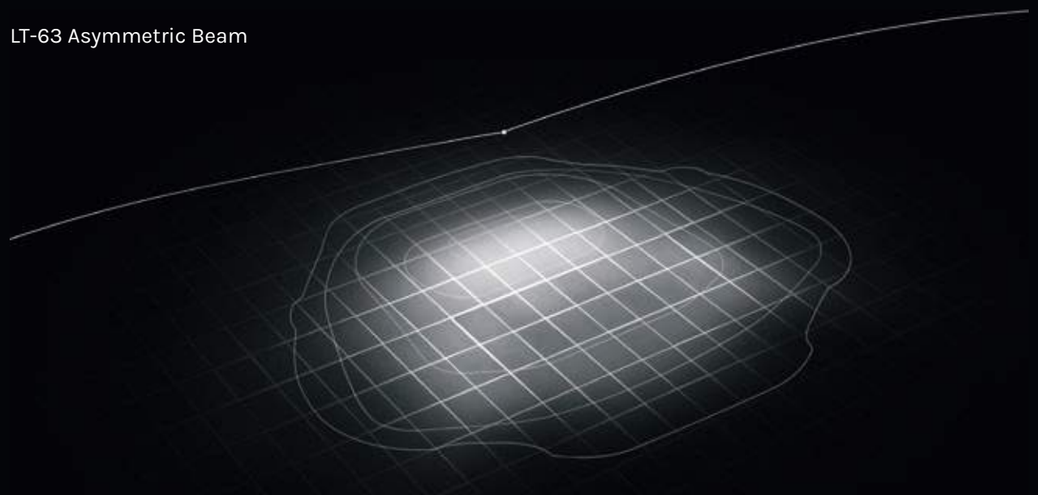
01AK950C0
B1-P - Braccio pastorale parete
Curved arm for wall



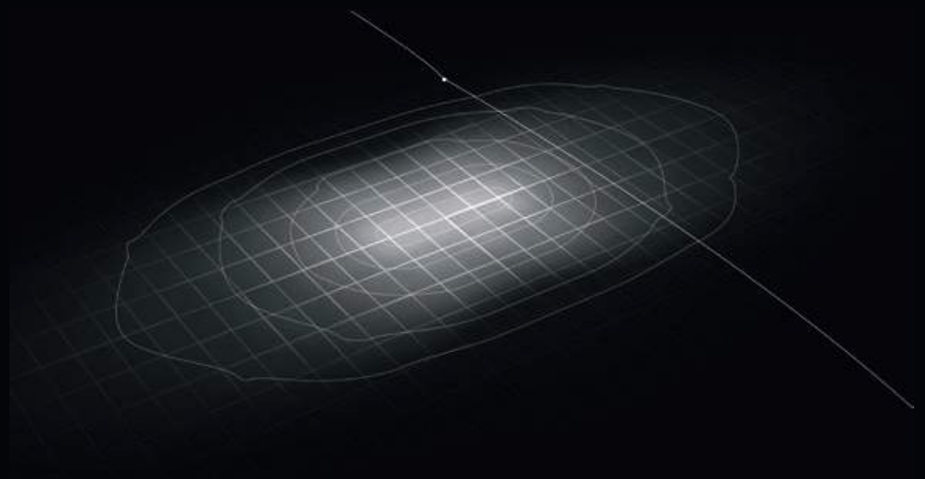


OTTICHE / OPTICS

LT-63 Asymmetric Beam



S0-02 Street Centered





Kosmos
Sospensione tesata
String suspension

DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
sospensione tesata / string suspension

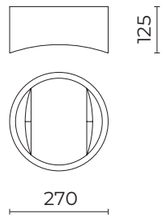
Inclinazione / Inclination:
orizzontale ±15° / horizontal ±15°

Orientabilità / Adjustability:
0° ÷ 360°

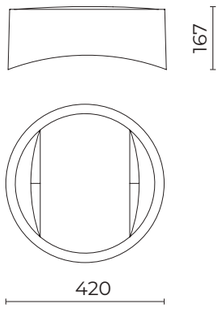
TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 3000 K
- 4000 K

SMALL

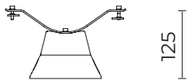


MEDIUM

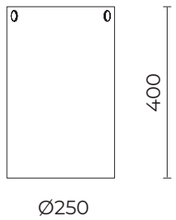


ACCESSORI / ACCESSORIES

06KS902C0
B80 - Kit sospensione su fune tesata Ø 6 ÷ 12 mm
Suspension kit for string Ø 6 ÷ 12 mm

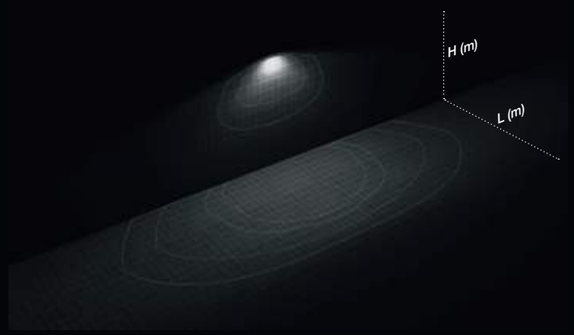


06ND901Y0
Diffusore policarbonato trasparente Kosmos small
Transparent polycarbonate diffuser Kosmos small

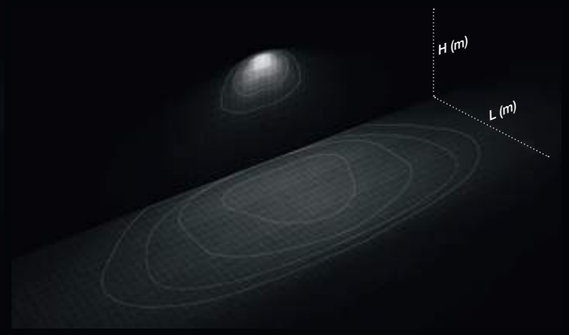


OTTICHE / OPTICS

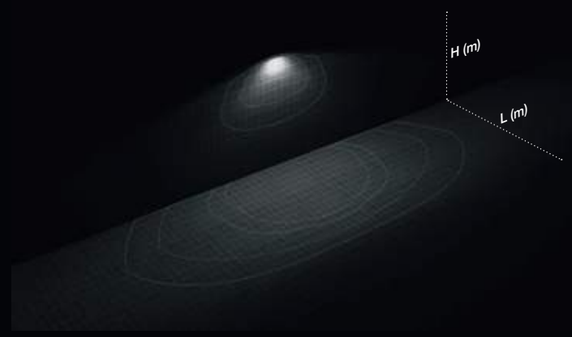
LT-C1 Cycle Path
L / H = 0,5



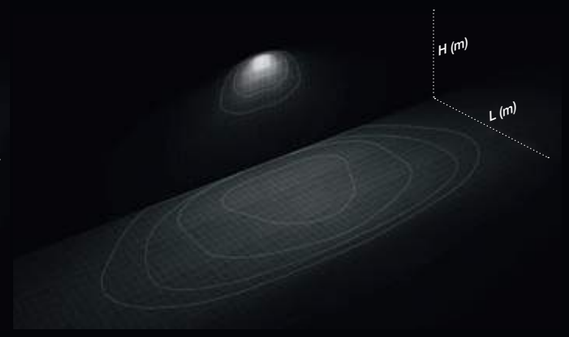
LA-03 Wide Street
L / H = 1,25



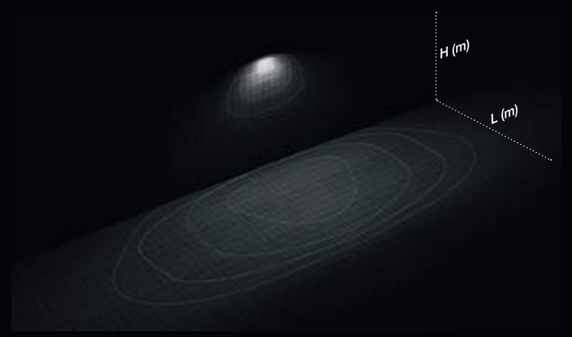
ST-02 Narrow Street
L / H = 0,75



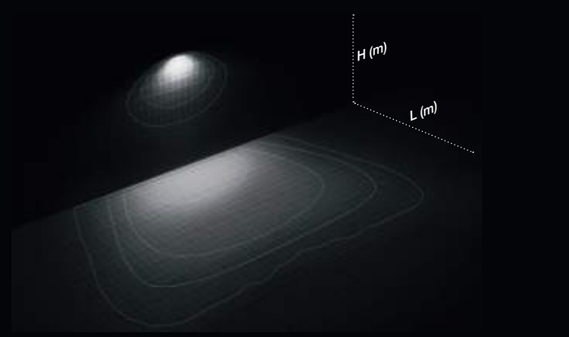
PB-01 Low Pole
L / H = 2



ME-05 Medium Street
L / H = 1



LT-63 Asymmetric Beam
L / H = 2



LAMP CONCEPT
Cariboni Group

Kosmos
Parete / Wall

DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
su bracci a parete / on wall-mounted arms

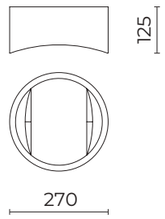
Inclinazione / Inclination:
regolazione -10° ÷ +190° (in step da 5°)
adjustment -10° ÷ +190° (step 5°)



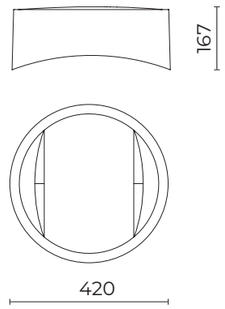
TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

SMALL

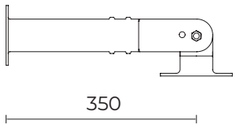


MEDIUM

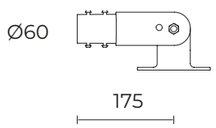


ACCESSORI / ACCESSORIES

06KS905C0
B85-P - Braccio parete
Arm for wall-mounting

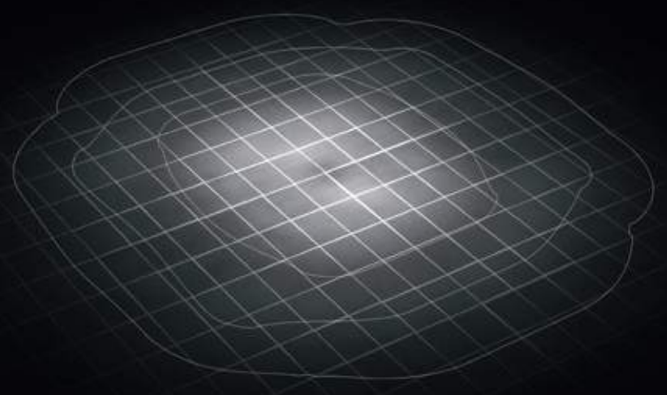


06KS904C0
B84 - Snodo per bracci
Joint for arms



OTTICHE / OPTICS

RS-02 Rotosymmetric Beam



LAMP CONCEPT

Cariboni Group

Kosmos
Soffitto / Ceiling



DATI TECNICI / TECHNICAL DATA

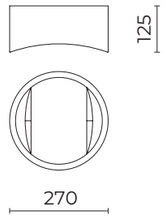
Installazione / Installation:
soffitto, sottoportico
ceiling, arcade

Inclinazione / Inclination:
regolazione -10° ÷ +190° (in step da 5°)
adjustment -10° ÷ +190° (step 5°)

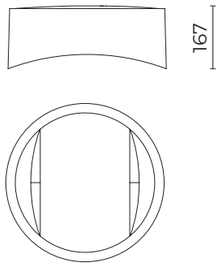
TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

SMALL

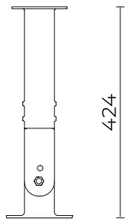


MEDIUM

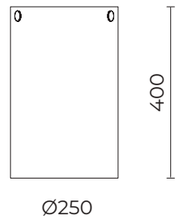


ACCESSORI / ACCESSORIES

06KS905C0
B85-P - Attacco soffitto, sottoportico
Ceiling or arcade mounted

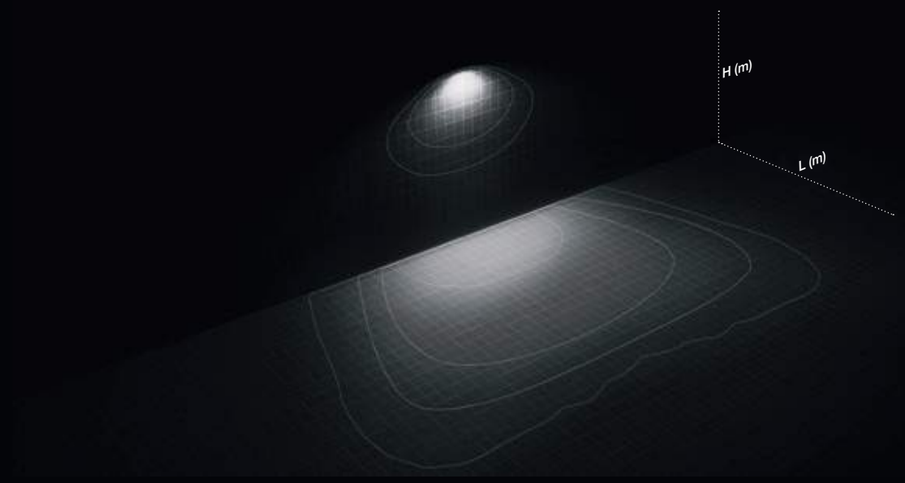


06ND901Y0
Diffusore policarbonato trasparente Kosmos small
Transparent polycarbonate diffuser Kosmos small

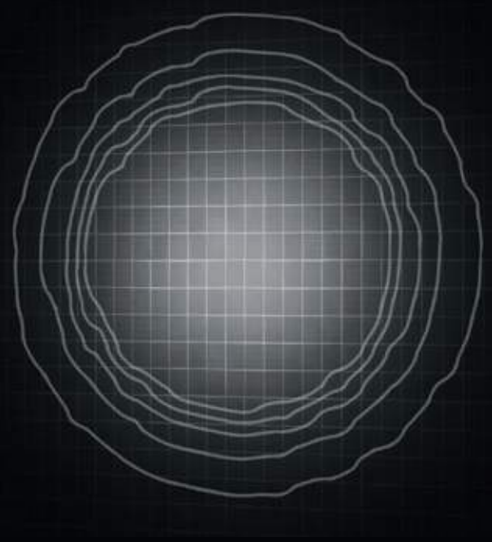


OTTICHE / OPTICS

LT-63 Asymmetric Beam
L / H = 2



LR-20 Medium Beam



LAMP CONCEPT
Cariboni Group

Kosmos
Flood

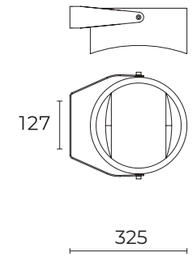
DATI TECNICI / TECHNICAL DATA

Peso massimo / Max weight:
4,2 kg (small), 9,2 kg (medium)

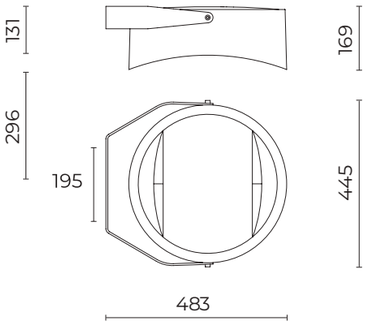
Installazione / Installation:
superfici orizzontali e verticali
horizontal and vertical surfaces

Inclinazione / Inclination:
regolazione continua -25° ÷ +205°
continuous adjustment -25° ÷ +205°

SMALL



MEDIUM



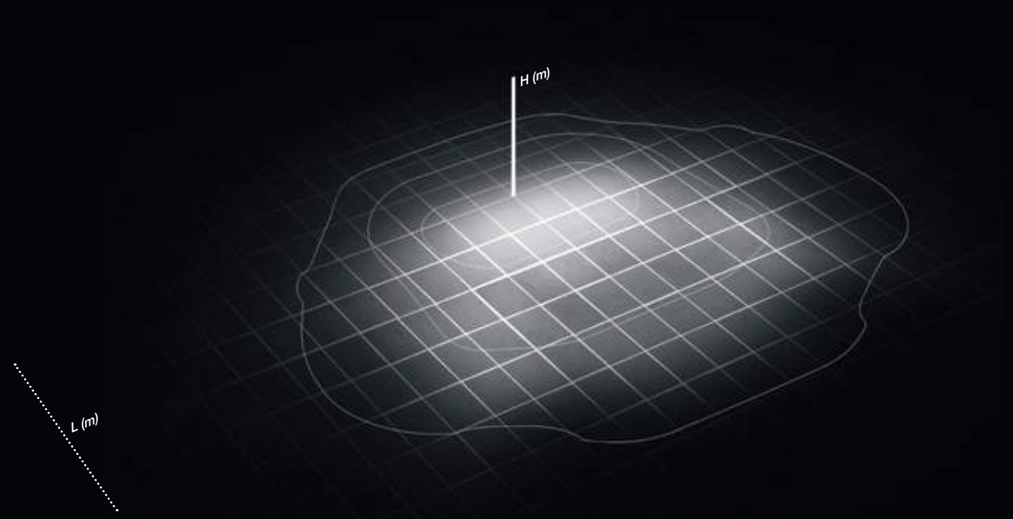
TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 3000 K
- 4000 K

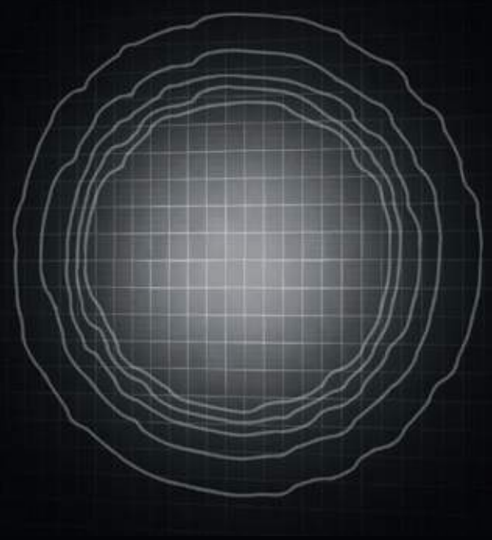


OTTICHE / OPTICS

LT-63 Asymmetric Beam
L / H = 2



LR-20 Medium Beam



LAMP CONCEPT

Cariboni Group

Kosmos
Flood

DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
con accessori su pali Ø 60 - 76 - 102 mm
with accessories on poles Ø 60 - 76 - 102 mm

Inclinazione / Inclination:
regolazione continua -25° ÷ +205°
continuous adjustment -25° ÷ +205°

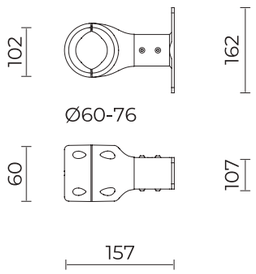


TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 3000 K
- 4000 K

ACCESSORI / ACCESSORIES

06KS916C0
B78 - Kit attacco staffa-palo
Attachment kit for bracket-pole



06KS917C0
B97 - Kit attacco staffa-palo
Attachment kit for bracket-pole

AGATHOS



AGATHOS è una lanterna dalle forme tradizionali ma progettata specificatamente per alloggiare la più innovativa tecnologia LED.

AGHATOS is a lantern with traditional shapes but specifically designed to house the most innovative led technology.



MONZA
Italy

PORTO VENERE
Italy

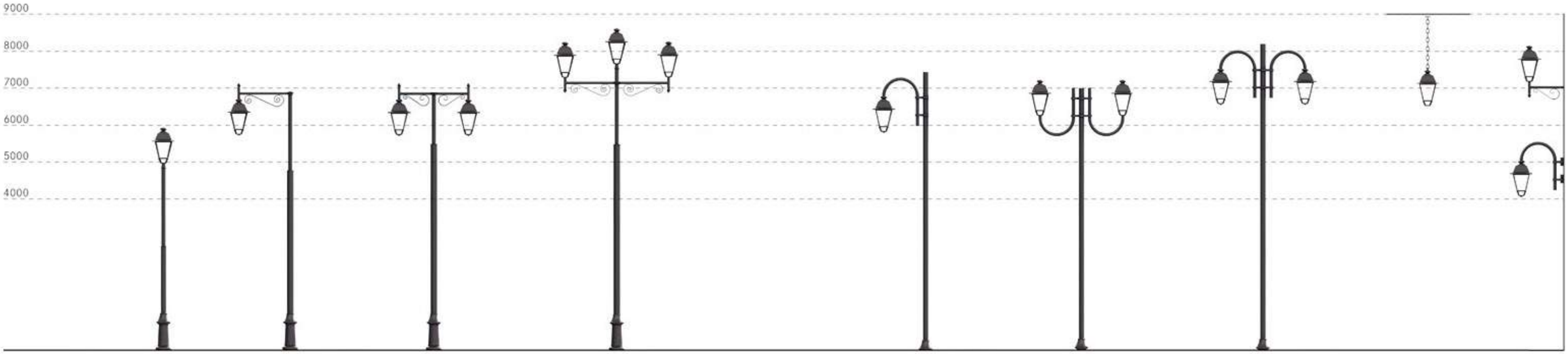




BUSSETO
Italy

TURKU
Finland




9000
8000
7000
6000
5000
4000

Agathos

220 240V | 50 60Hz | CL II | IP66 | IK08 | ta -30°C +50°C | CE | ROHS | 03 | NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1355 (1800 K) - 10835 lm

Potenza apparecchio / Fitting power:
12 - 78 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 3

Illuminazione intelligente / Smart Lighting:
mezzanotte virtuale. Su richiesta DALI, CLO, PLC, telegestione wireless
virtual midnight. On request DALI, CLO, PLC, wireless telemanagement

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 2700 K
- 3000 K
- 4000 K

ECO-CENTRIC LIGHTING (ECL)
(ONLY FOR STREET OPTICS)

BLUE FREE LIGHT:
PC-AMBER 0,7% ∑R (λ <500NM) _ CRI 40
1800 K 4,3% ∑R (λ <500NM) _ CRI 70

SWITCHABLE WHITE LIGHT:
1800K / 3000K

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
8 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

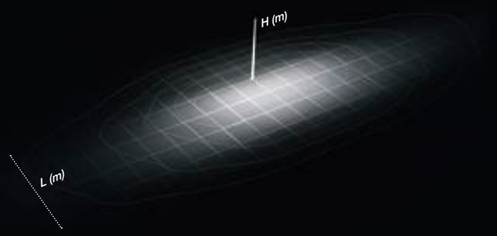
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Installazione / Installation:
testa palo, lato palo, sospensione braccio, parete, sottoportico / post top, pole side, arm suspension, wall, arcade

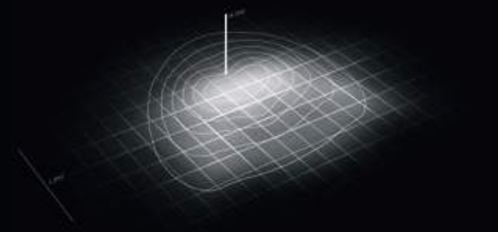


OTTICHE / OPTICS

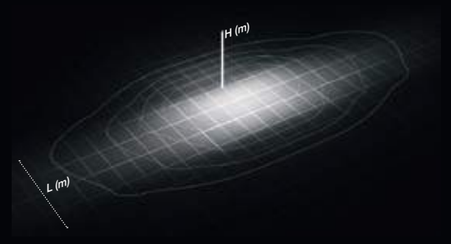
LT-C1 Cycle Path
L / H = 0,5



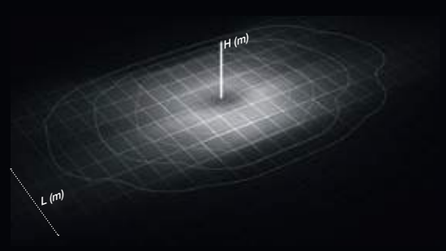
LT-64 Asymmetric Beam with backlight ECL
L / H = 2



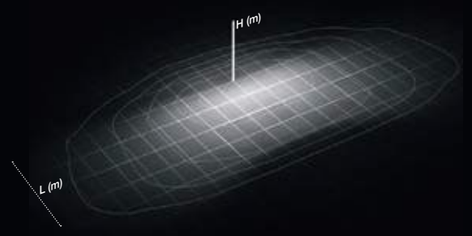
ST-02 Narrow Street ECL
L / H = 0,75



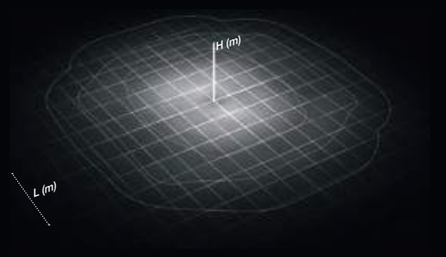
F&B ST-02 + LA-03 Front & Back
L / H = 0,75 + 1,25



LA-03 Wide Street
L / H = 1,25

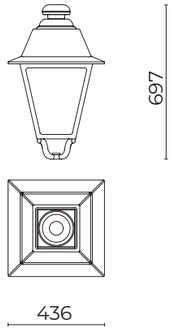


RS-02 Rotosymmetric Beam ECL
L / H = 2



LAMP CONCEPT
Cariboni Group

Agathos
Testa palo / Post top



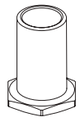


DATI TECNICI / TECHNICAL DATA

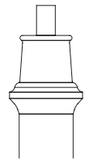
Installazione / Installation:
pali con attacco 3/4" GAS maschio, pali cima Ø 60 mm innesto H 90 mm con accessorio 01AG901C0 / poles with male 3/4" GAS connection, poles with post top Ø 60 mm and fastening part H 90 mm with accessory 01AG901C0

ACCESSORI / ACCESSORIES

01AG900C0
Kit fissaggio per pali con attacco 3/4" GAS femmina
Fastening kit on poles with female 3/4" GAS

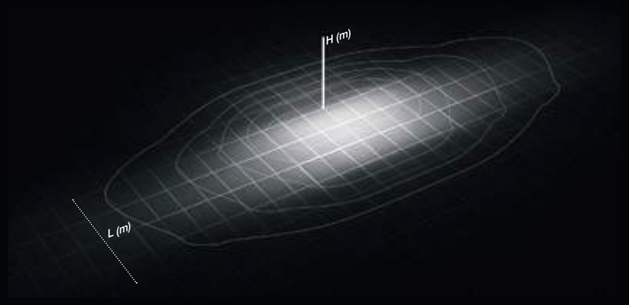


01AG901C0
Kit testa palo codolo H 90 mm
Fastening kit post top H 90 mm

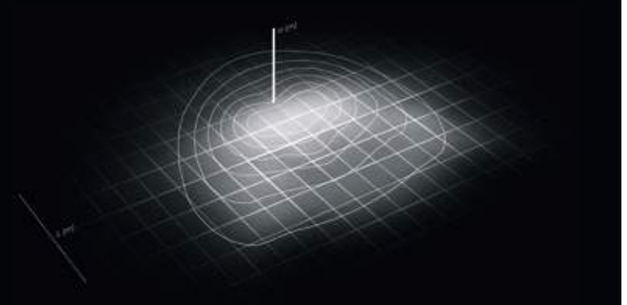


OTTICHE / OPTICS

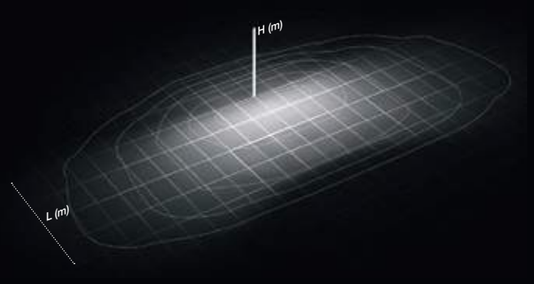
ST-02 Narrow Street
L / H = 0,75



LT-64 Asymmetric Beam with backlight
L / H = 2

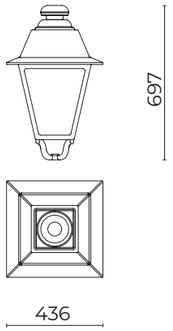


LA-03 Wide Street
L / H = 1,25



LAMP CONCEPT
Cariboni Group

Agathos
Lato palo / Pole side



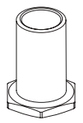


DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
su bracci con attacco 3/4" GAS maschio
on arms with male 3/4" GAS connection

ACCESSORI / ACCESSORIES

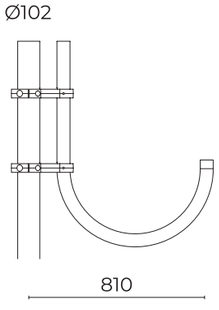
01AG900C0
Kit fissaggio per bracci UP con attacco 3/4" GAS femmina
Fastening kit on UP arms with female 3/4" GAS



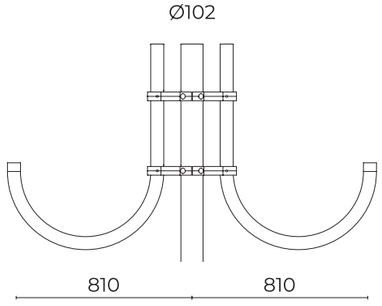
Agathos
Lato palo / Pole side

BRACCI / ARMS

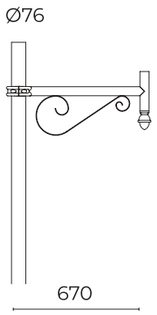
01AG910C0
B60 - Braccio pastorale UP
Curved arm UP



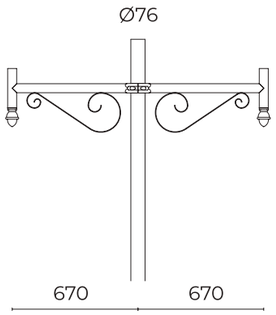
01AG911C0
B61 - Braccio pastorale doppio UP
Double curved arm UP



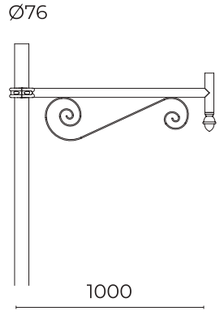
01AG914C0
B64 - Braccio UP
Arm UP



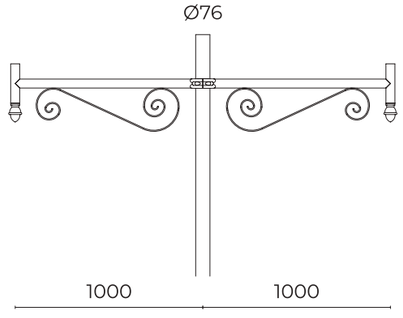
01AG918C0
B68 - Braccio doppio UP
Double arm UP



01AG915C0
B65 - Braccio UP
Arm UP

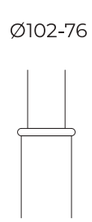


01AG919C0
B69 - Braccio doppio UP
Double arm UP

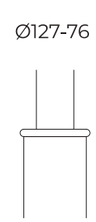


ACCESSORI / ACCESSORIES

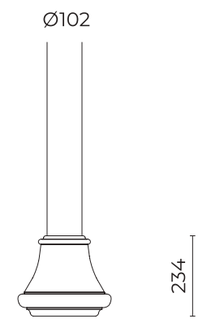
01AK970C0
Collarino per palo
Collar for pole



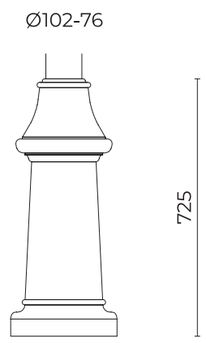
01AK971C0
Collarino per palo
Collar for pole



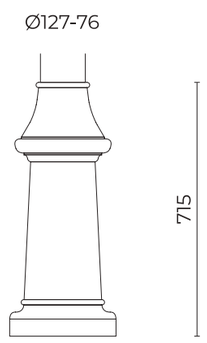
01AK972C0
Basamento basso
Low base



01AK973C0
Basamento alto
High base

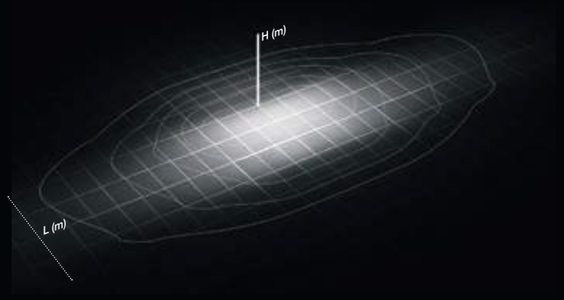


01AK974C0
Basamento alto
High base

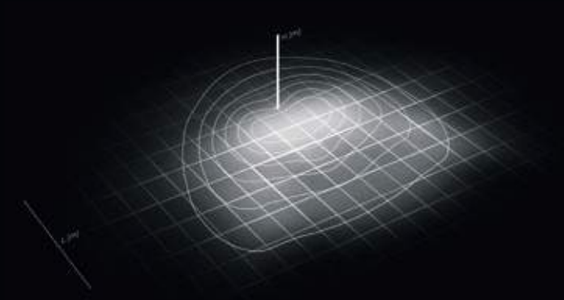


OTTICHE / OPTICS

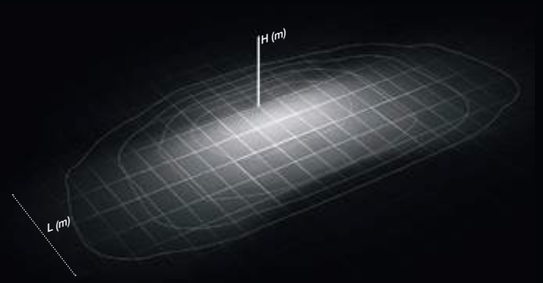
ST-02 Narrow Street
L / H = 0,75



LT-64 Asymmetric Beam with backlight
L / H = 2

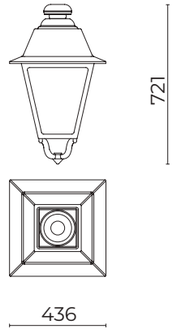


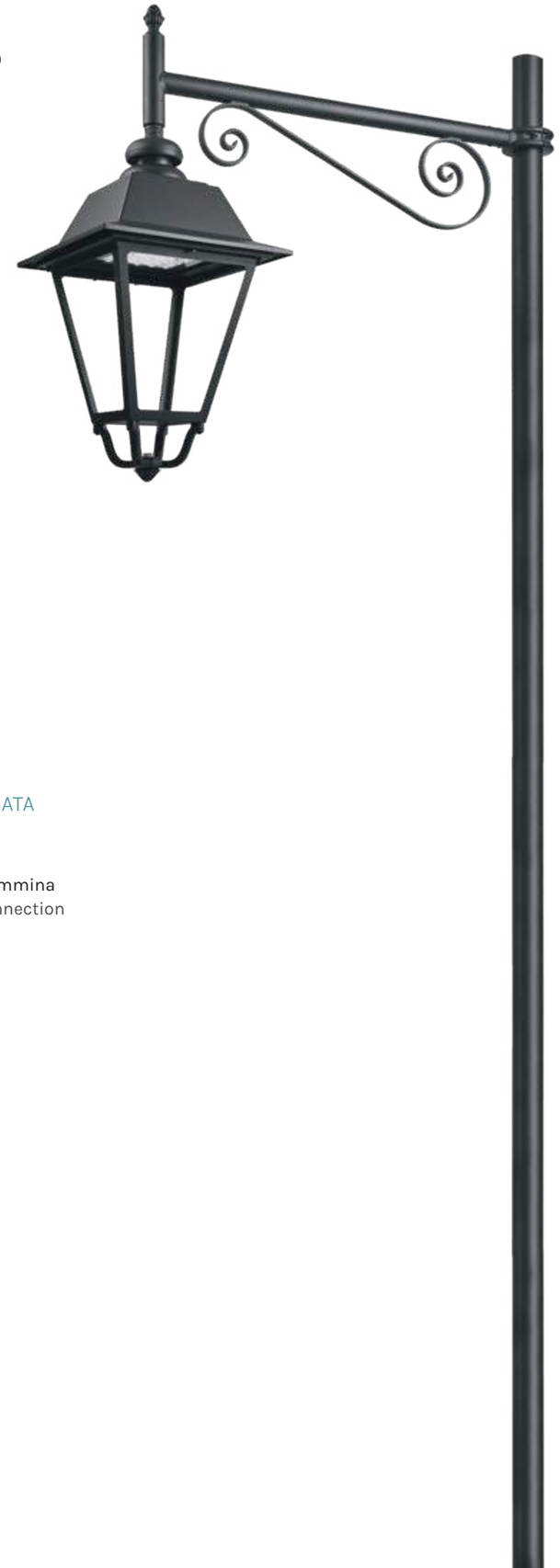
LA-03 Wide Street
L / H = 1,25



LAMP CONCEPT
Cariboni Group

Agathos
Sospensione braccio
Arm suspension





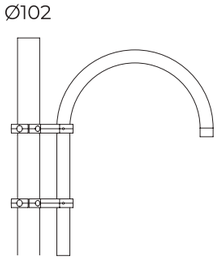
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
su bracci con attacco 3/4” GAS femmina
on arms with female 3/4” GAS connection

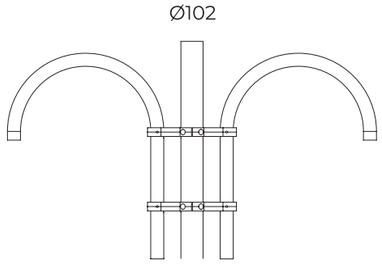
Agathos
Sospensione braccio / Arm suspension

BRACCI / ARMS

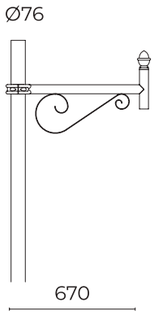
01AG910C0
B62 - Braccio pastorale DOWN
Curved arm DOWN



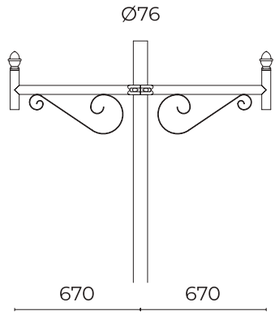
01AG911C0
B63 - Braccio pastorale doppio DOWN
Double curved arm DOWN



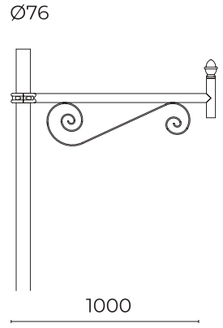
01AG914C0
B66 - Braccio DOWN
Arm DOWN



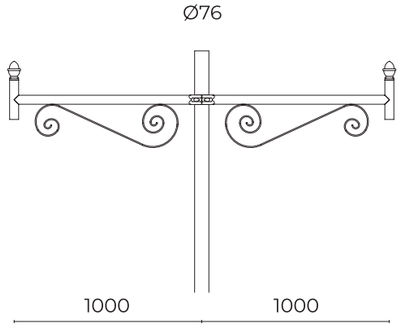
01AG918C0
B70 - Braccio doppio DOWN
Double arm DOWN



01AG915C0
B67 - Braccio DOWN
Arm DOWN

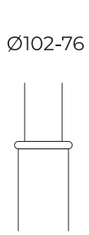


01AG919C0
B71 - Braccio doppio DOWN
Double arm DOWN

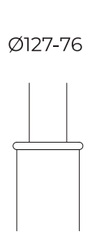


ACCESSORI / ACCESSORIES

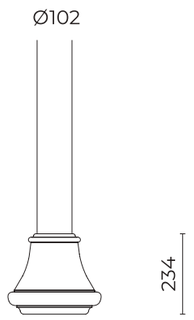
01AK970C0
Collarino per palo
Collar for pole



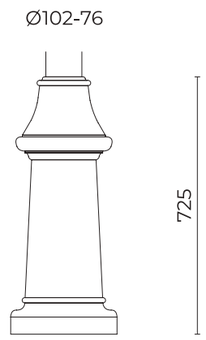
01AK971C0
Collarino per palo
Collar for pole



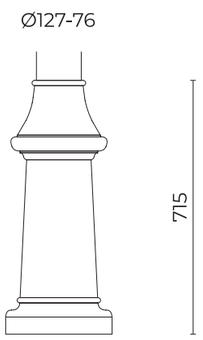
01AK972C0
Basamento basso
Low base



01AK973C0
Basamento alto
High base

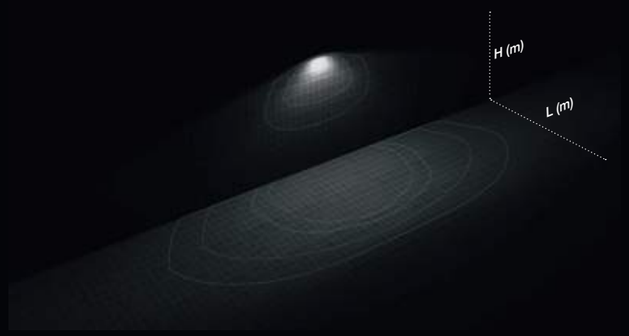


01AK974C0
Basamento alto
High base

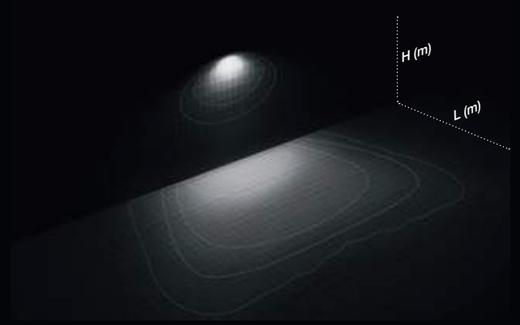


OTTICHE / OPTICS

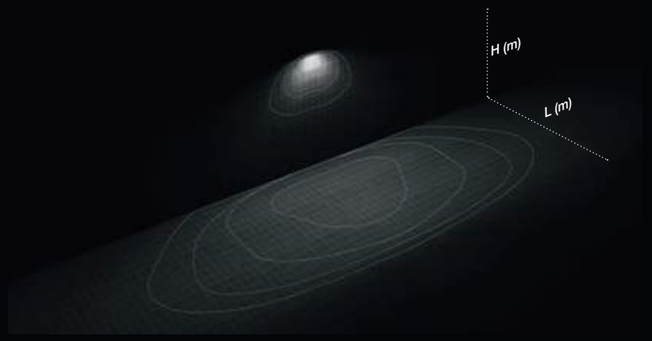
ST-02 Narrow Street
L / H = 0,75



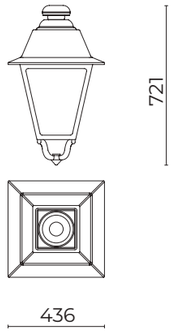
LT-63 Asymmetric Beam
L / H = 2



LA-03 Wide Street
L / H = 1,25



Agathos
Parete / Wall



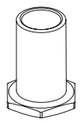


DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
su bracci a parete / on wall-mounted arms

ACCESSORI / ACCESSORIES

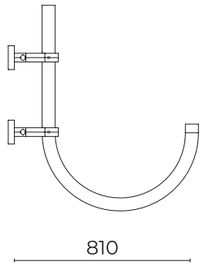
01AG900C0
Kit fissaggio per bracci UP con attacco 3/4” GAS femmina
Fastening kit on UP arms with female 3/4” GAS



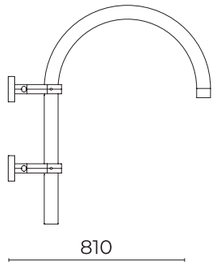
Agathos
Parete / Wall

BRACCI / ARMS

01AG922C0
B60-P - Braccio pastorale UP
Bracket UP



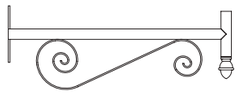
01AG923C0
B62-P - Braccio pastorale DOWN
Bracket DOWN



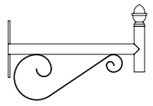
01AG924C0
B64-P - Braccio UP
Bracket UP



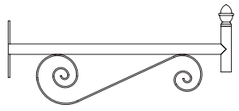
01AG925C0
B65-P - Braccio UP
Bracket UP



01AG926C0
B66-P - Braccio DOWN
Bracket DOWN



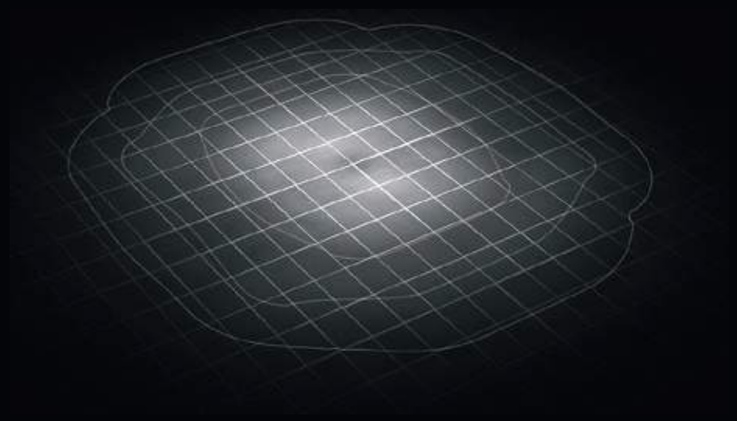
01AG927C0
B67-P - Braccio DOWN
Bracket DOWN



FIDENZA
Italy

OTTICHE / OPTICS

RS-02 Rotosymmetric Beam

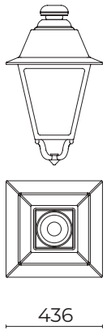


LAMP CONCEPT

Cariboni Group

Agathos

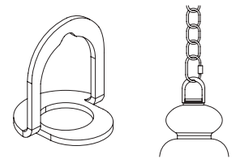
Sottoportico / Arcade





ACCESSORI / ACCESSORIES

01AG903C0
Gancio per sospensione su catena (non compresa)
Suspension hook on chain (not included)



YPSILON



Flessibile all’installazione sia a testa-palo che su braccio, YPSILON è un sistema ideale per l’illuminazione di spazi e percorsi urbani. Design by Silvio De Ponte.

Flexible installation on either a post top or arm makes YPSILON ideal for lighting urban spaces and pathways. Design by Silvio De Ponte.

MILAN
Italy

Ypsilon

220 240V | 50 60Hz | CL II | IP66 | IK08 | ta -30°C +50°C

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1880 - 13230 lm

Potenza apparecchio / Fitting power:
13,5 - 103,5 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 4

Illuminazione intelligente / Smart lighting:
mezzanotte virtuale. Su richiesta ZHAGA, DALI, CLO, PLC, telegestione wireless / virtual midnight. On request ZHAGA, DALI, CLO, PLC, wireless telemanagement

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio
Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Copertura / Upper dome:
tornitura di lastra di alluminio
aluminium plate turning

Schermo / Screen:
vetro piano temprato
tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR



CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
16 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

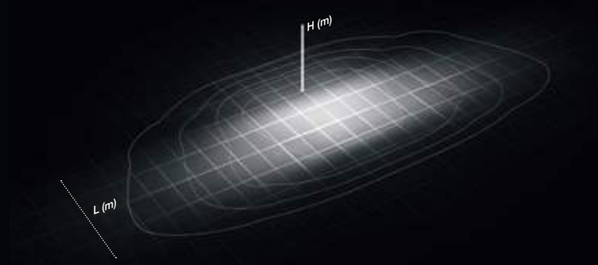
Resistenza sovratensioni / Surge Protection Device:
10 kV CM/DM

Precablaggio / Pre-wiring:
prodotto pre-cablato con cavo e connettore
pre-wired product with cable and connector

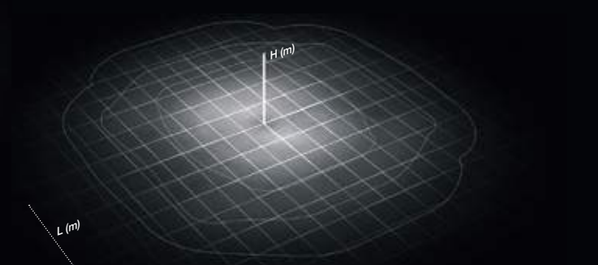
Installazione / Installation:
testa palo, lato palo / post top, pole side

OTTICHE / OPTICS

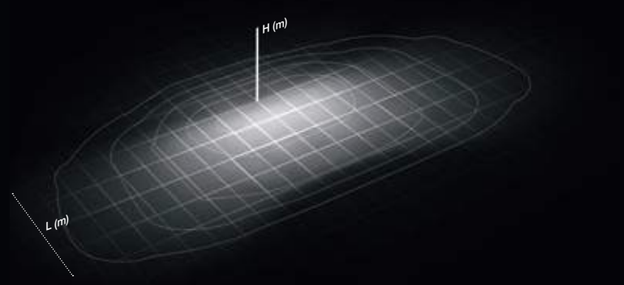
ME-01 Medium Street
L / H = 1



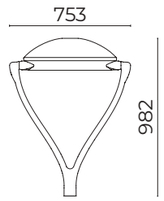
RS-01 Rotosymmetric Beam
L / H = 2



LA-01 Wide Street
L / H = 1,25



Ypsilon
Testa palo / Post top



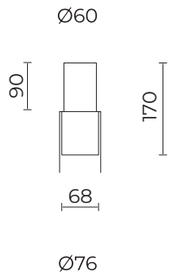


DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
pali Ø 76 mm con cima Ø 60 mm e innesto H 90 mm / poles Ø 76 mm with post top Ø 60 and fastening part H 90 mm

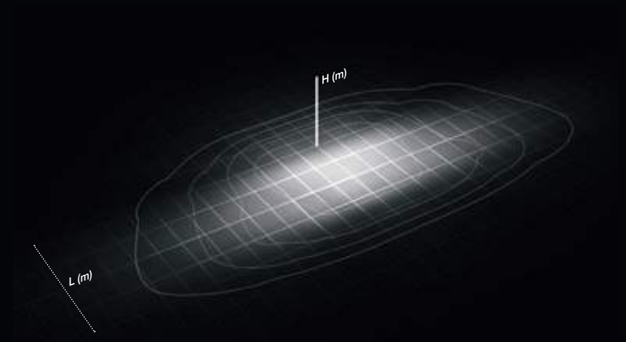
ACCESSORI / ACCESSORIES

01AY904C0
L7 - Riduzione per pali
Reduction for poles

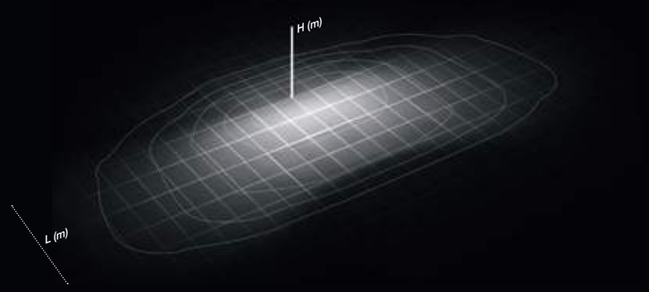


OTTICHE / OPTICS

ME-01 Medium Street
L / H = 1

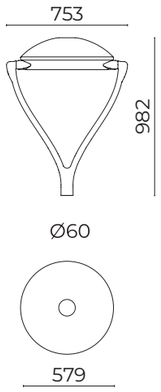


LA-01 Wide Street
L / H = 1,25



Ypsilon
Lato palo / Pole side



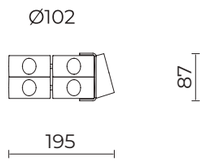


DATI TECNICI / TECHNICAL DATA

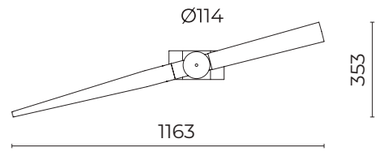
Installazione / Installation:
con accessori su pali Ø 102 - 114 mm
with accessories on poles Ø 102 - 114 mm

ACCESSORI / ACCESSORIES

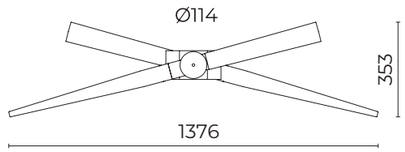
01AY901C0
L6 - Giunto per palo, braccio inclinato 15° / Coupling for poles, 15° inclined arm



01AY902C0
B25 - Esagono per palo, braccio inclinato 15° con puntale
Hexagon for poles, 15° inclined arm with decorative metal point



01AY905C0
B27 - Esagono per palo, 2 bracci inclinati 15° con puntale
Hexagon for poles, 15° inclined double arms with decorative metal point



LIT

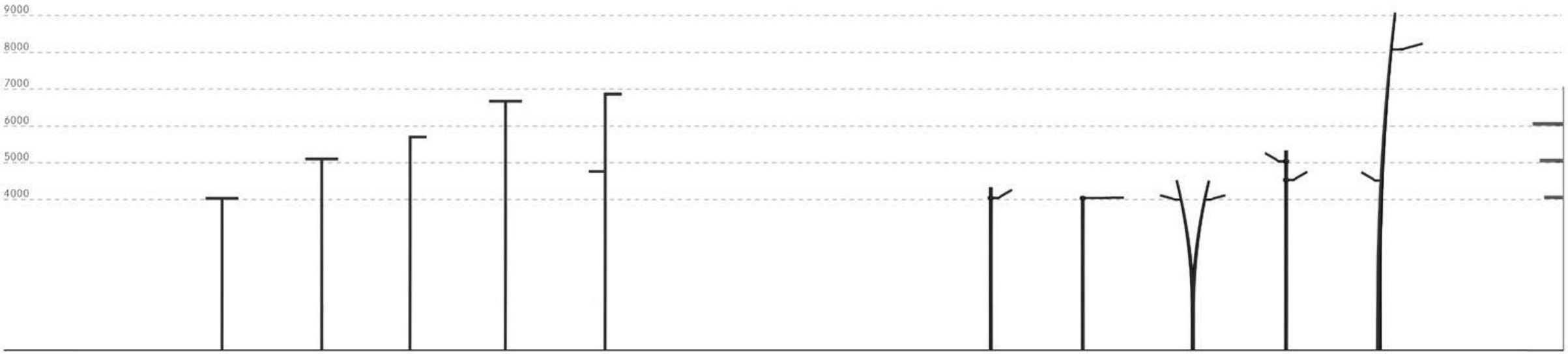
LIT è un sistema completo e flessibile per l’illuminazione di vuoti e pieni urbani con una forma essenziale, moderna ed elegante.

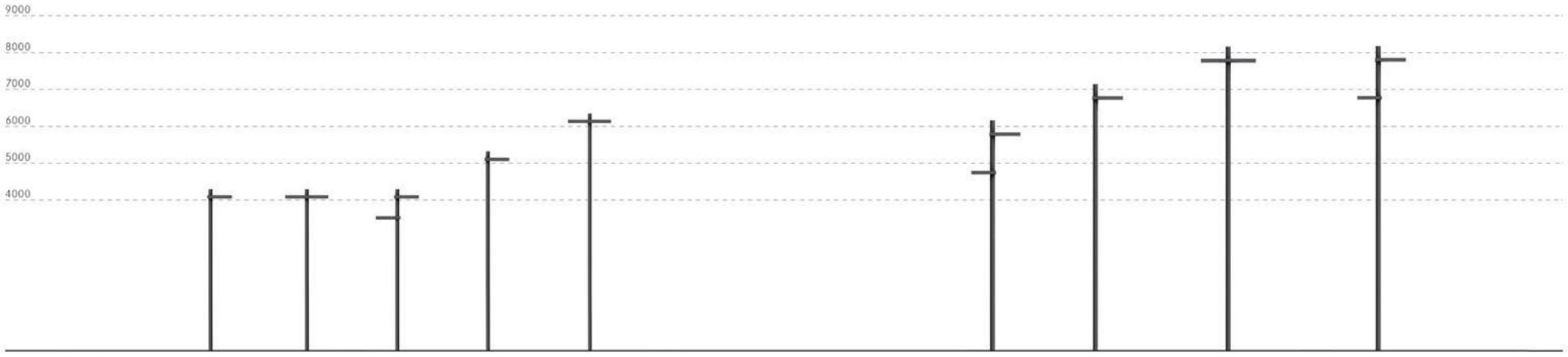
LIT is a complete flexible system with a clean, modern and elegant shape for lighting empty and full urban locations.



GENOVA
Italy

Lit Configurations





220 240V | 50 60Hz | CL II | IP66 | IK10 | ta -30°C +50°C



DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
2330 - 17055 lm

Potenza apparecchio / Fitting power:
18,5 - 138,5 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
mezzanotte virtuale. Su richiesta ZHAGA, DALI, CLO
virtual midnight. On request ZHAGA, DALI, CLO

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fastening system:
pressofusione di lega di alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato
tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
4 kg (small), 6 kg (medium), 8 kg (large)

Alimentazione elettronica / Electronic power supply:
inclusa / included

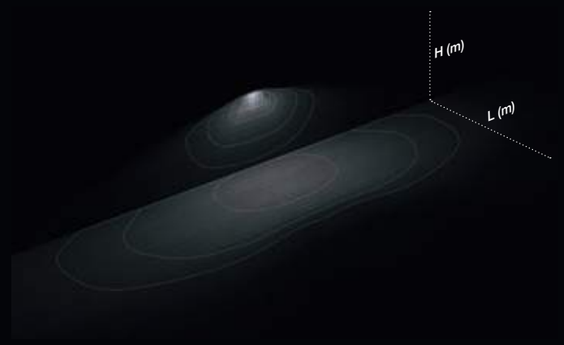
Resistenza sovratensioni / Surge Protection Device:
10 kV MC / MD

Precablaggio / pre-wiring:
prodotto pre-cablato con cavo e connettore
pre-wired product with cable and connector

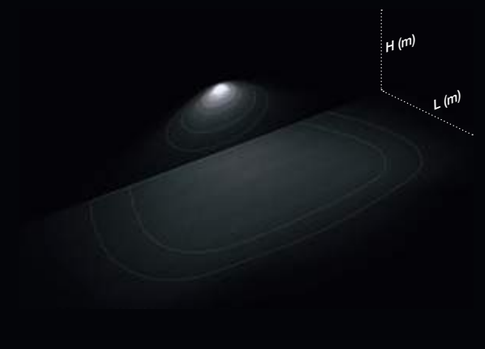
Installazione / Installation:
parete, soffitto, terra, palo
wall, ceiling, ground, pole

OTTICHE / OPTICS

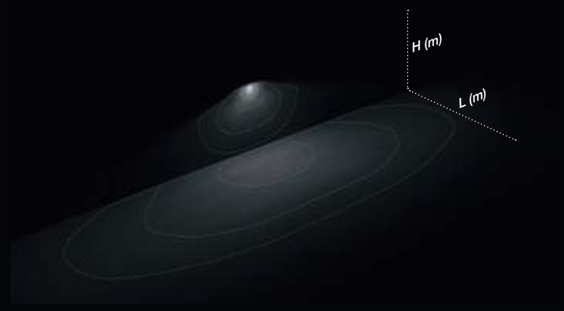
ME-03 Medium Street
L / H = 1,1



LT-62 Asymmetric Beam
L / H = 2



LA-02 Wide Street
L / H = 1,25



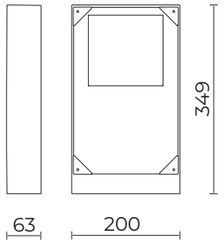
Lit
Flood 1

DATI TECNICI / TECHNICAL DATA

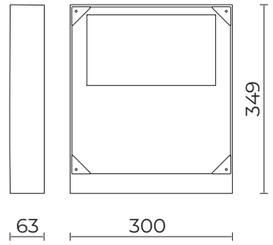
Installazione / Installation:
parete, soffitto, terra
wall-mounted, ceiling, ground

Orientabilità / Orientability:
con giunto inclinazione +35° ÷ -90°, rotazione ±30°
with joint tilt +35° ÷ -90°, rotation ±30°

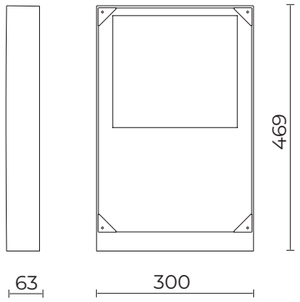
SMALL



MEDIUM



LARGE



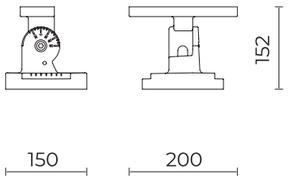


Lit
Flood 1

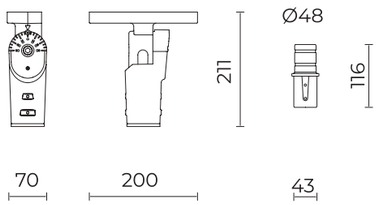
ACCESSORI / ACCESSORIES

LIT SMALL

06LT901C0
B110 - Giunto orientabile
Adjustable joint

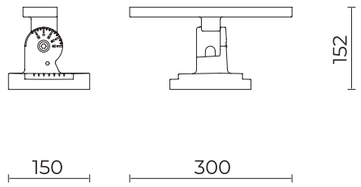


06LT903C0
B112 - Giunto orientabile per braccio e picchetto
Adjustable joint for bracket and spike

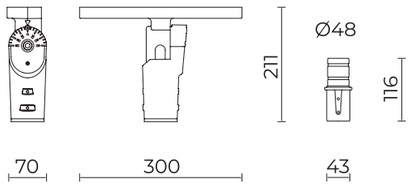


LIT MEDIUM - LARGE

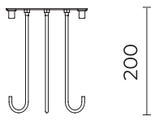
06LT902C0
B111 - Giunto orientabile
Adjustable joint



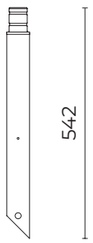
06LT904C0
B114 - Giunto orientabile per braccio e picchetto
Adjustable joint for bracket and spike



06LT909J0
B118 - Ancore per calcestruzzo
Anchor for concrete



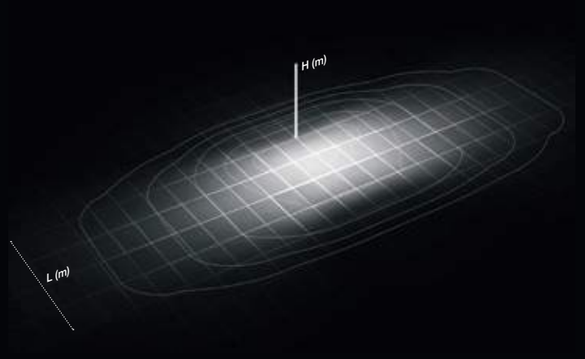
06LT908C0
B117 - Picchetto per interramento
Spike for ground installation



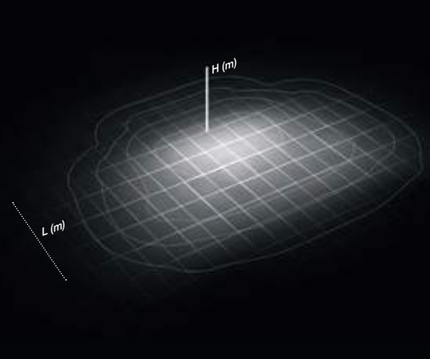


OTTICHE / OPTICS

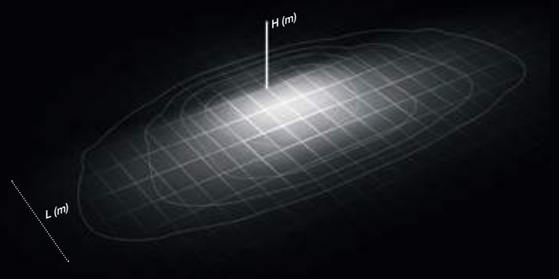
ME-03 Medium Street
L / H = 1,1



LT-62 Asymmetric Beam
L / H = 2



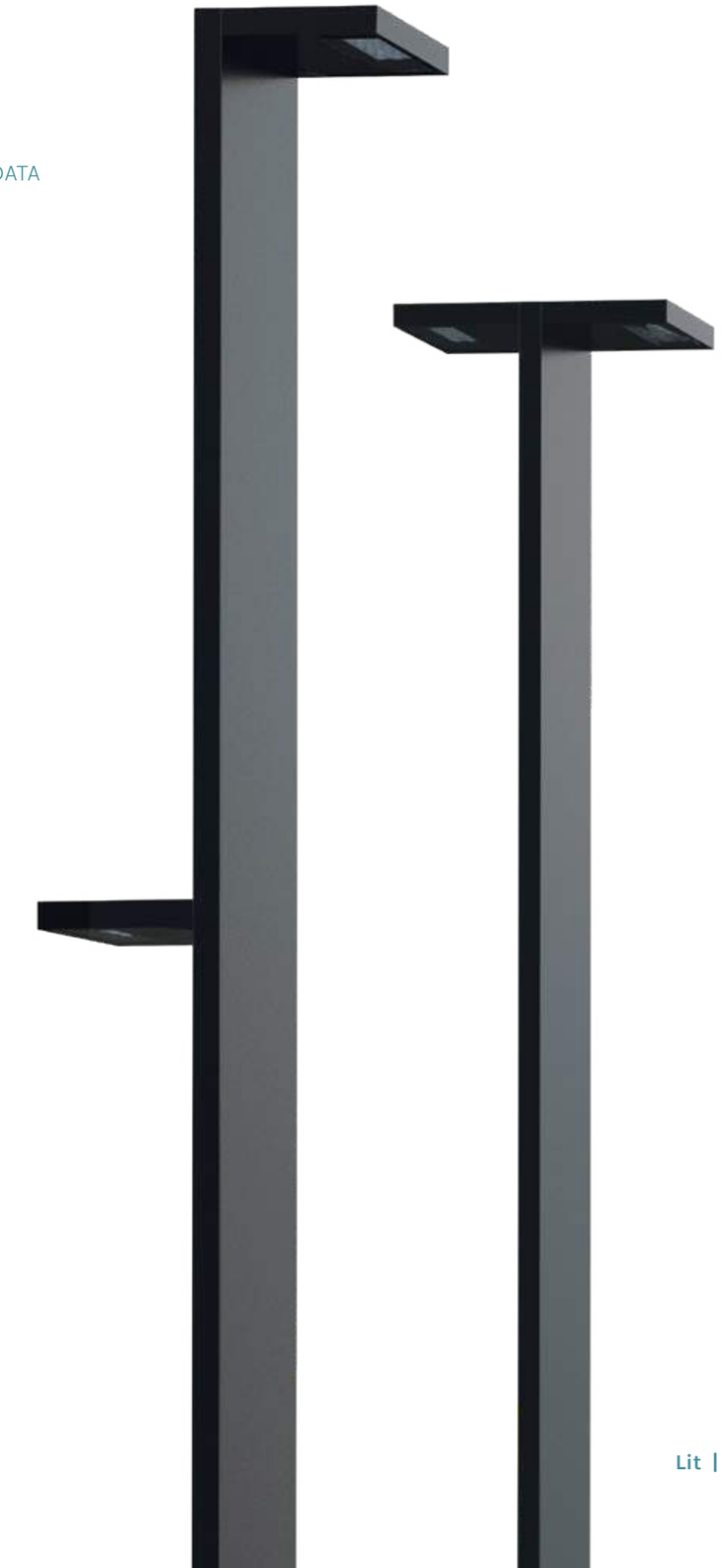
LA-02 Wide Street
L / H = 1,25



Lit
System

DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
palo rettangolare H 4 m, 6 m
rectangular pole H 4 m, 6 m

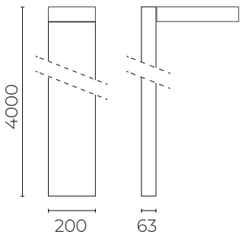


Lit
System

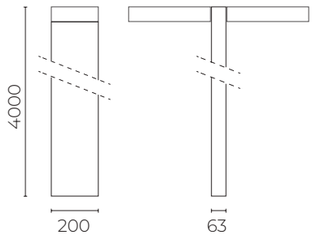
PALI / POLES

LIT SMALL

06LT914C0
B123 - Palo in alluminio estruso H 4 m (Lit small)
Aluminium extruded pole H 4 m (Lit small)

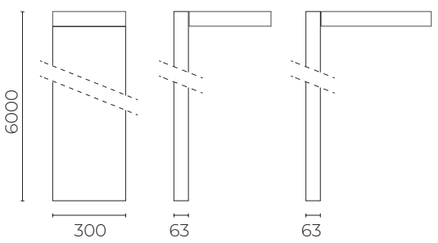


06LT926C0
B160 - Palo in alluminio estruso H 4 m (2 Lit small)
Aluminium extruded pole H 4 m (2 Lit small)

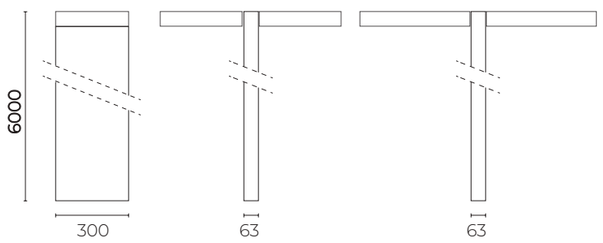


LIT MEDIUM - LARGE

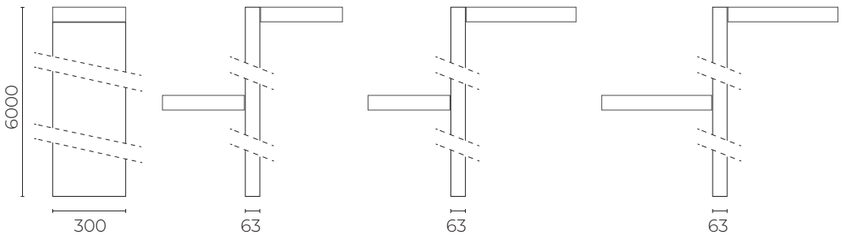
06LT915C0
B124 - Palo in alluminio estruso H 6 m (Lit medium/large) / Aluminium extruded pole H 6 m (Lit medium/large)



06LT927C0
B161 - Palo in alluminio estruso H 6 m (2 Lit medium/large) / Aluminium extruded pole H 6 m (2 Lit medium/large)



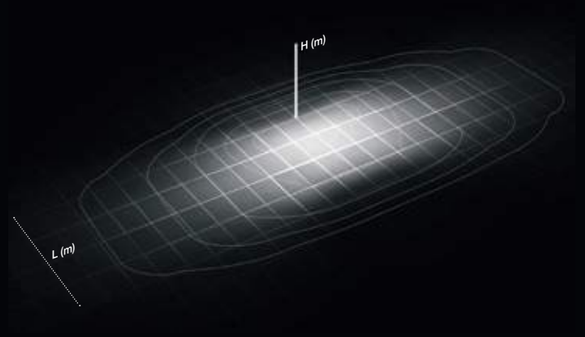
06LT928C0
B162 - Palo in alluminio estruso H 6 m per 2 Lit medium / large (H 4 m e H 6 m)
Aluminium extruded pole H 6 m for 2 Lit medium / large (H 4 m and H 6 m)



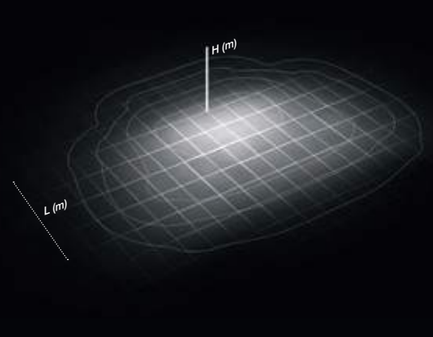


OTTICHE / OPTICS

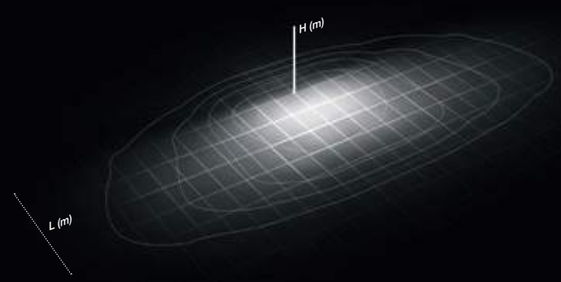
ME-03 Medium Street
L / H = 1,1



LT-62 Asymmetric Beam
L / H = 2



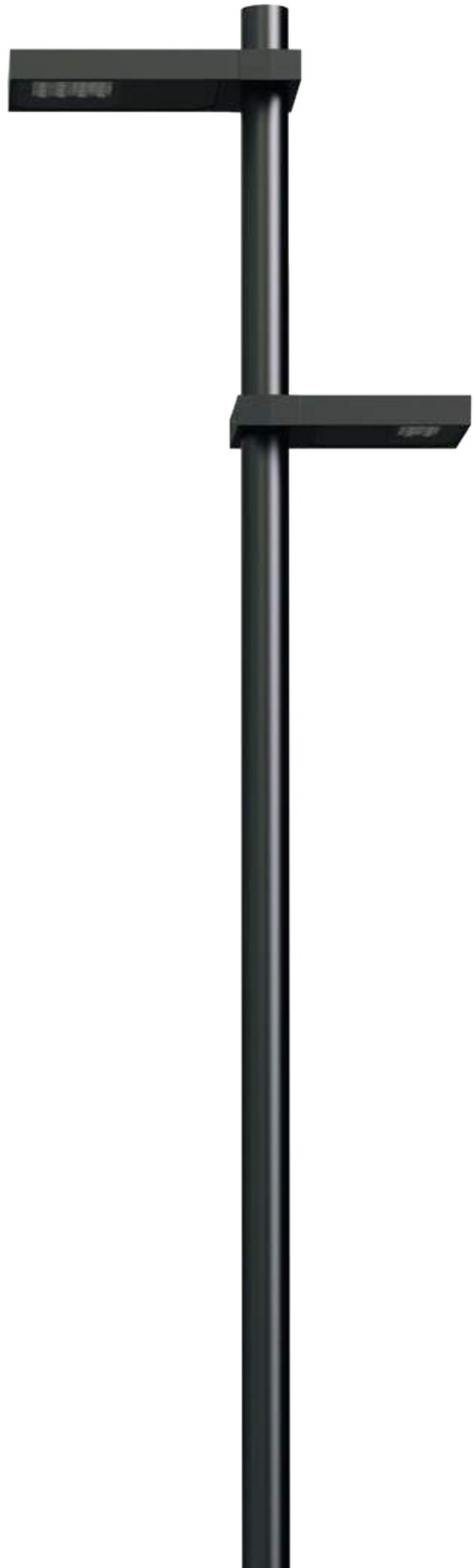
LA-02 Wide Street
L / H = 1,25



Lit
Poles

DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
con collare su pali Ø 60 - 76 - 102 mm
with collar on poles Ø 60 - 76 - 102 mm

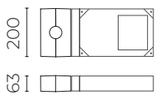


Lit
Poles

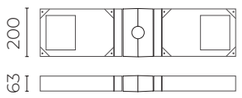
ACCESSORI / ACCESSORIES

LIT SMALL

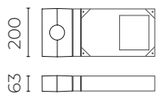
06LT929C0
B166 - Collare singolo per pali Ø 60 mm / Single collar for poles Ø 60 mm



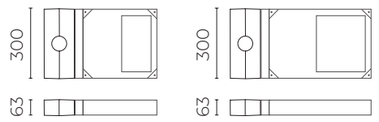
06LT930C0
B167 - Collare doppio per pali Ø 60 mm / Double collar for poles Ø 60 mm



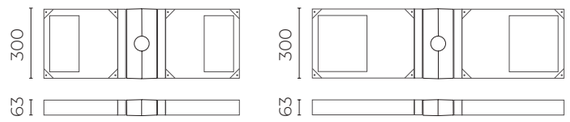
06LT910C0
B119 - Collare singolo per pali Ø 76 mm / Single collar for poles Ø 76 mm



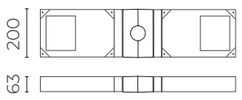
06LT937C0
B174 - Collare singolo per pali Ø 76 mm / Single collar for poles Ø 76 mm



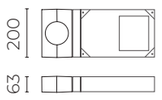
06LT938C0
B175 - Collare doppio per pali Ø 76 mm
Double collar for poles Ø 76 mm



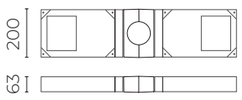
06LT911C
B120 - Collare doppio per pali Ø 76 mm / Double collar for poles Ø 76 mm



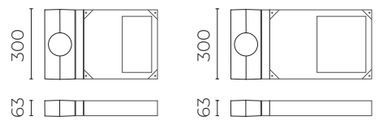
06LT933C0
B170 - Collare singolo per pali Ø 102 mm / Single collar for poles Ø102 mm



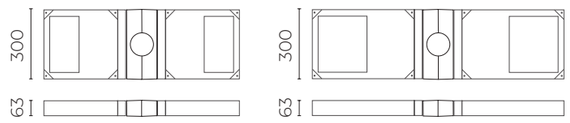
06LT934C0
B171 - Collare doppio per pali Ø 102 mm / Double collar for poles Ø102 mm



06LT912C0
B121 - Collare singolo per pali Ø 102 mm / Single collar for poles Ø 102 mm

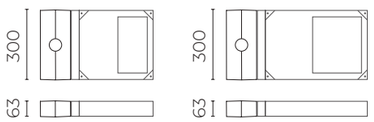


06LT913C0
B122 - Collare doppio per pali Ø 102 mm
Double collar for poles Ø 102 mm

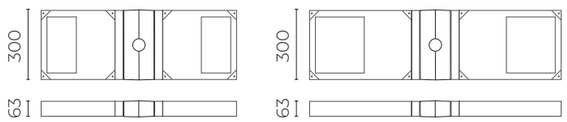


LIT MEDIUM - LARGE

06LT935C0
B172 - Collare singolo per pali Ø 60 mm
Single collar for poles Ø 60 mm



06LT936C0
B173 - Collare doppio per pali Ø 60 mm
Double collar for poles Ø 60 mm







GENOVA
Italy

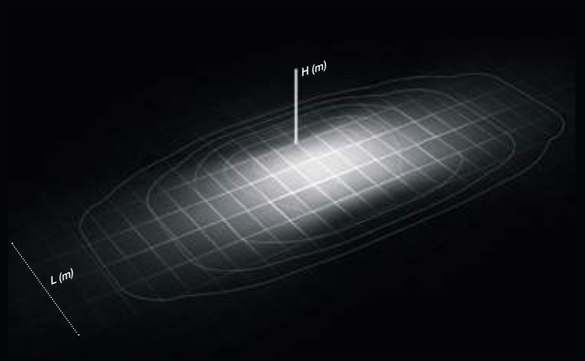
ATHENS
Greece



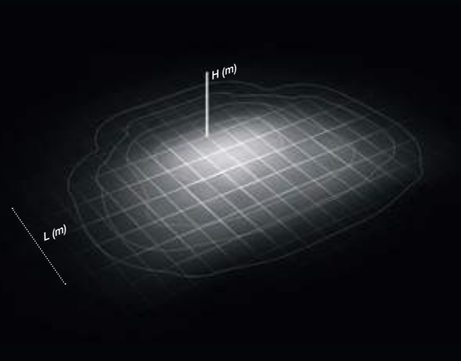
MILAN
Italy

OTTICHE / OPTICS

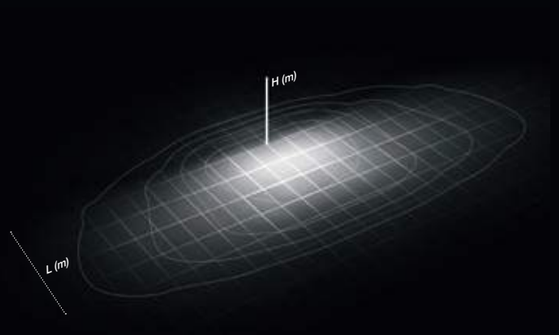
ME-03 Medium Street
L / H = 1,1



LT-62 Asymmetric Beam
L / H = 2



LA-02 Wide Street
L / H = 1,25



Lit
Brackets and poles

DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
con accessori su pali Ø 60 - 76 - 102 mm
with accessories on poles Ø 60 - 76 - 102 mm

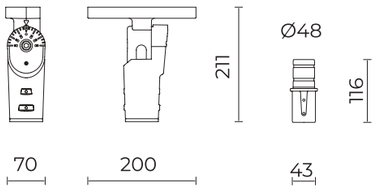
Inclinazione / Inclination:
-90°



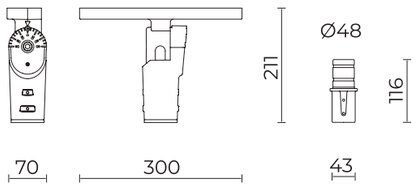
Lit
Brackets and poles

ACCESSORI E BRACCI / ACCESSORIES AND ARMS:

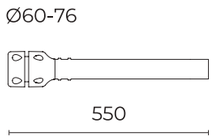
06LT903C0
B112 - Giunto orientabile per braccio
Ø 60 mm Lit small
Adjustable joint for bracket Ø 60 mm Lit small



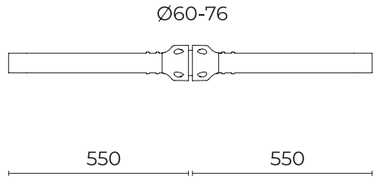
06LT904C0
B114 - Giunto orientabile per braccio
Ø 60 mm Lit medium, large / Adjustable joint
for bracket Ø 60 mm Lit medium, large



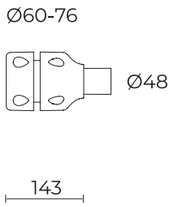
01AK921C0
B1 - Braccio per pali
Arm for poles



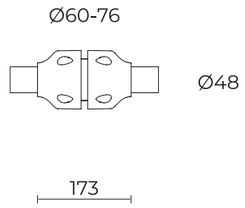
01AK922C0
B2 - Braccio doppio per pali
Double arm for poles



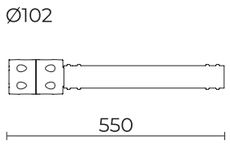
01AK903C0
L3 - Kit giunto per palo o braccio
Joint kit for pole or arm



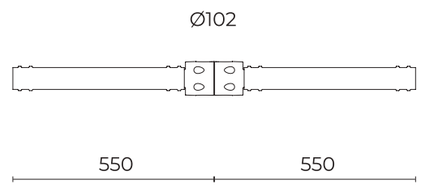
01AK904C0
L4 - Kit giunto doppio per palo o braccio
Double joint kit for pole or arm



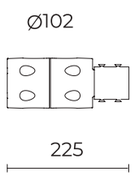
06AK907C0
B155 - Braccio per pali
Arm for poles



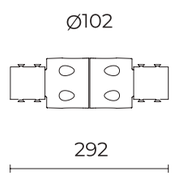
06AK909C0
B157 - Braccio doppio per pali
Double arm for poles



06AK916C0
B139 - Anello per pali
Ring for poles



06AK917C0
B140 - Anello doppio per pali
Double ring for poles



SIGMA STREET

L’elevato contenuto tecnologico si cela all’interno di volumi tondeggianti che ricordano le linee dello streamlining.

High technological content is hidden inside rounded enclosures that recall the streamlined lines.

LAMP CONCEPT

Sigma Street

220 240V | 50 60Hz | CL II | IP66 | IK09 | IK10 (POST TOP) | ta -30°C +50°C | CE | ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1230 - 23180 lm

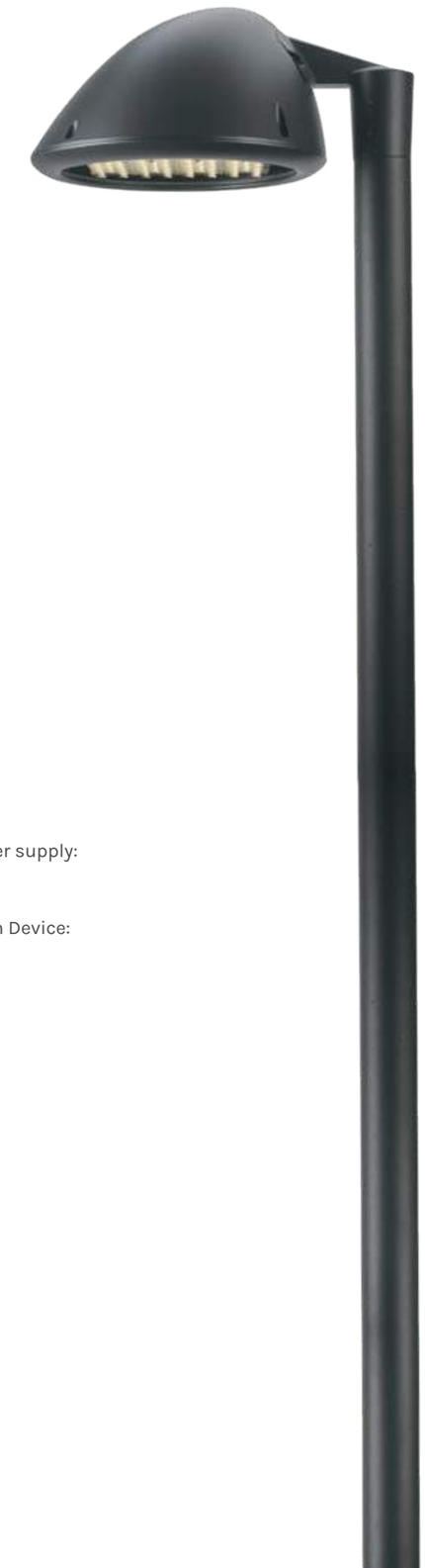
Potenza apparecchio / Fitting power:
12 - 155 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
mezzanotte virtuale. DALI, CLO su richiesta
virtual midnight. DALI, CLO on request

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K



MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
4 kg (small), 8 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa / included

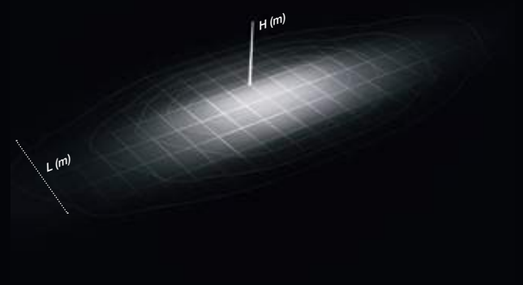
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Precablaggio / Pre-wiring:
prodotto precablato con cavo e connettore
pre-wired product with cable and connector

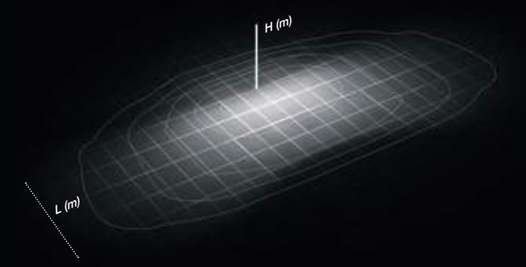
Installazione / Installation:
testa palo, lato palo / post top, pole side

OTTICHE / OPTICS

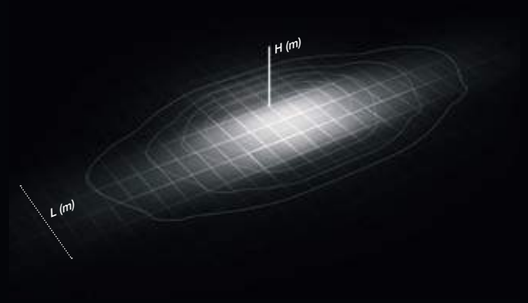
LT-C1 Cycle Path
L / H = 0,5



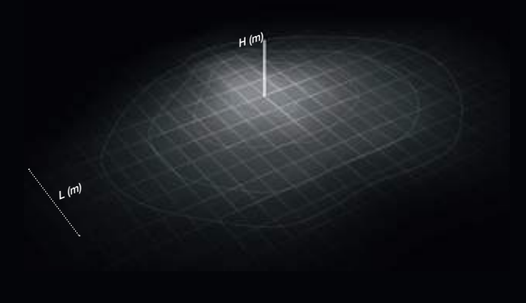
LA-03 Wide Street
L / H = 1,25



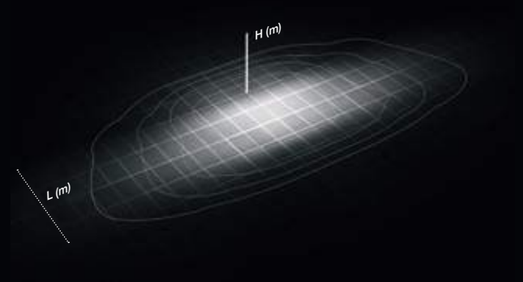
ST-02 Narrow Street
L / H = 0,75



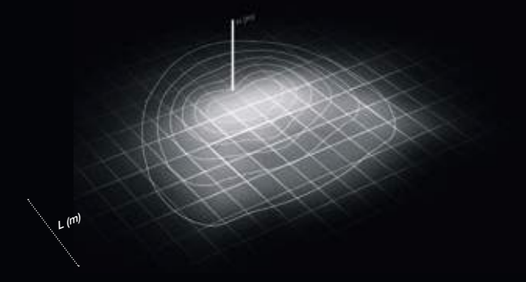
PB-01 Low Pole
L / H = 2



ME-05 Medium Street
L / H = 1



LT-64 Asymmetric Beam with backlight
L / H = 2

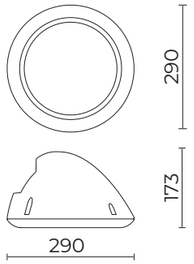


LAMP CONCEPT
Cariboni Group

Sigma Street



SMALL



MEDIUM

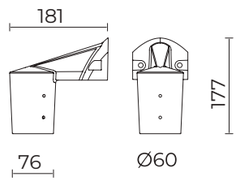
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
testa palo con accessorio 06SG905C0, su bracci Ø 60 mm con appositi accessori per pali Ø 60 - 76 - 102 mm / post top with accessory 06SG905C0, on arms Ø 60 mm with dedicated accessories for poles Ø 60 - 76 - 102 mm

Inclinazione / inclination:
lato palo, parete, terra -90° ÷ +35°
pole side, wall, ground -90° ÷ +35°

ACCESSORI / ACCESSORIES

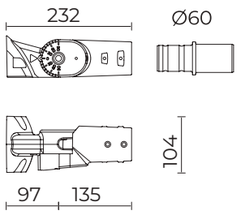
06SG905C0
B178 - Kit testa palo innesto H 90 mm (Sigma small e medium)
Kit post top with fastening part H 90 mm (Sigma small and medium)



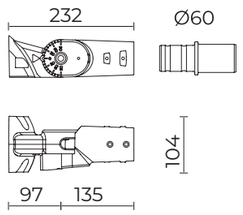
Sigma Street

ACCESSORI E BRACCI / ACCESSORIES AND ARMS

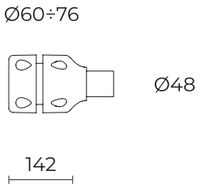
06SG906C0
B179 - Kit lato palo small regolabile
Adjustable kit pole side small



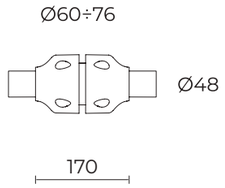
06SG907C0
B180 - Kit lato palo medium regolabile
Adjustable kit pole side medium



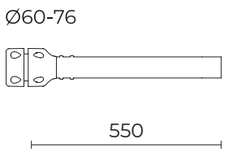
01AK903C0
L3 - Kit giunto per pali
Joint kit for poles



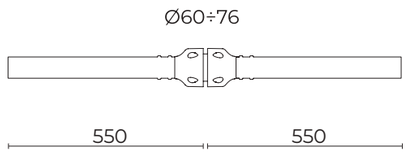
01AK904C0
L4 - Kit giunto doppio per pali
Double joint kit for poles



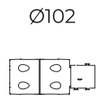
01AK921C0
B1 - Braccio per pali
Arm for poles



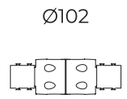
01AK922C0
B2 - Braccio doppio per pali
Double arm for poles



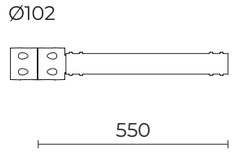
06AK916C0
B139 - Anello per pali
Ring for poles



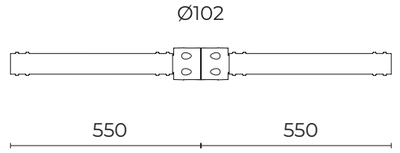
06AK917C0
B140 - Anello doppio per pali
Double ring for poles



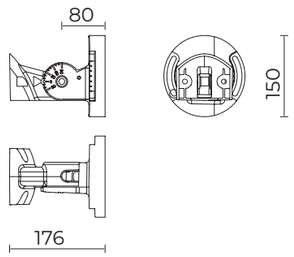
06AK907C0
B155 - Braccio per pali
Arm for poles



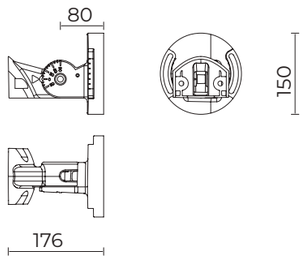
06AK909C0
B157 - Braccio doppio per pali
Double arm for poles



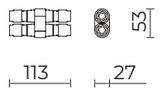
06SG908C0
B181 - Giunto regolabile parete o terra small / Adjustable joint for wall or ground small



06SG909C0
B182 - Giunto regolabile parete o terra medium / Adjustable joint for wall or ground medium



06KS909C0
B89 - Connettore 4 vie IP68
Connector 4 way IP68



VOLTA

L’ampia gamma di soluzioni ottiche e di fissaggi rende VOLTA ideale per l’illuminazione di spazi e percorsi urbani in ogni città.

The wide range of optical and fastening solutions makes VOLTA ideal for lighting urban spaces and pathways in any city.

Volta Configurations




HOTEL
BUDWEISER

220 240V | 50 60Hz | CL II | IP66 | IK09 | ta -30°C +50°C | CE | ROHS | 03 | NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1355 (1800 K) - 23180 lm

Potenza apparecchio / Fitting power:
12 - 155 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 3

Illuminazione intelligente / Smart Lighting:
mezzanotte virtuale. Su richiesta ZHAGA, DALI, CLO, PLC, telegestione wireless
virtual midnight. On request ZHAGA, DALI, CLO, PLC, wireless telemanagement

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
PMMA high transparent lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

TEMPERATURA COLORE COLOUR TEMPERATURE

- 2200 K
- 2700 K
- 3000 K
- 4000 K

ECO-CENTRIC LIGHTING (ECL)

(ONLY FOR STREET OPTICS)

BLUE FREE LIGHT:
PC-AMBER 0,7% ∑R (λ <500NM) _ CRI 40
1800 K 4,3% ∑R (λ <500NM) _ CRI 70

SWITCHABLE WHITE LIGHT:
1800K / 3000K

COLORI / COLOURS

- SABLÉ 100 NOIR



CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
8,2 kg (small), 12 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa / included

Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Apertura vano cablaggio / Wiring compartment opening:
mediante clip / by clip

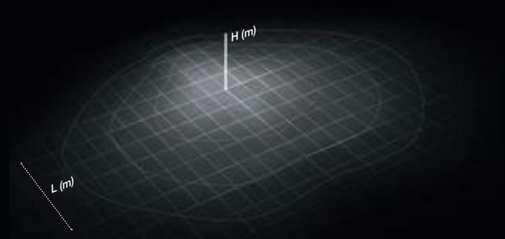
Installazione / Installation:
lato palo, sospensione braccio, sospensione tesata, parete, sottoportico / pole side, arm suspension, string suspension, wall, arcade

OTTICHE / OPTICS

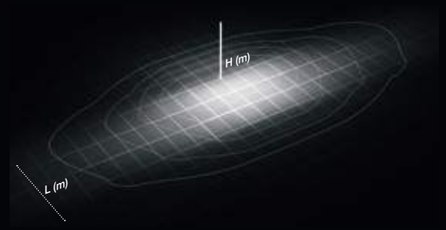
LT-C1 Cycle Path
L / H = 0,5



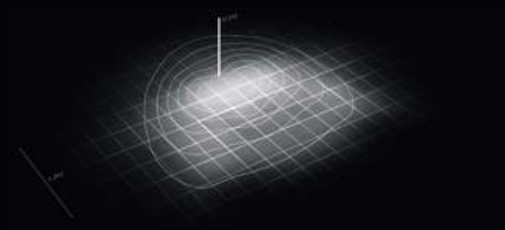
PB-01 Low Pole
L / H = 2



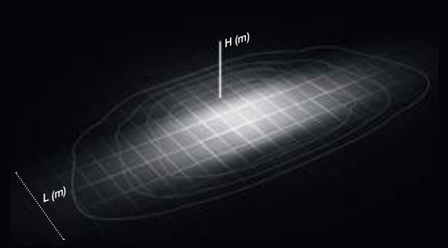
ST-02 Narrow Street ECL
L / H = 0,75



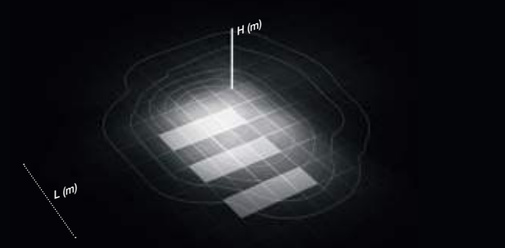
LT-64 Asymmetric Beam with backlight ECL
L / H = 2



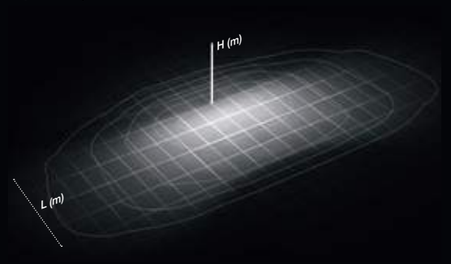
ME-05 Medium Street ECL
L / H = 1



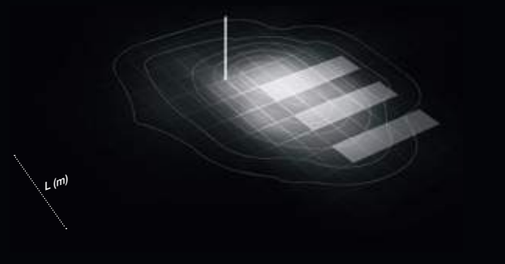
AP-D2 Pedestrian Crossing



LA-03 Wide Street ECL
L / H = 1,25



AP-S2 Pedestrian Crossing

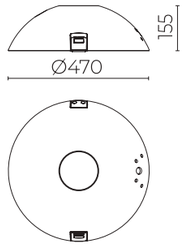


LAMP CONCEPT
Cariboni Group

Volta
Lato palo / Pole side



SMALL



MEDIUM

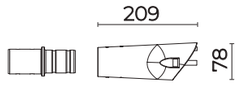
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
con accessori, su pali Ø 60 - 76 - 102 mm
with accessories, on poles Ø 60 - 76 - 102 mm

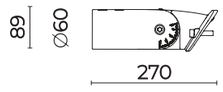
Volta
Lato palo / Pole side

ACCESSORI E BRACCI / ACCESSORIES AND ARMS

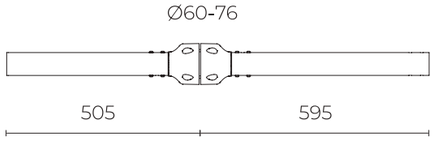
01VO901C0
L17 - Kit laterale fisso per braccio
Fixed side kit for arm



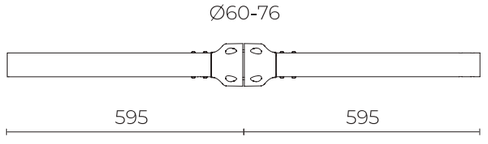
01VO902C0
L16 - Kit laterale regolabile per palo o braccio
Adjustable side kit for pole or arm



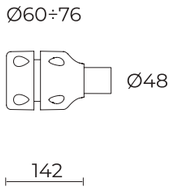
01AK984C0
B208 - Braccio per pali
Arm for poles



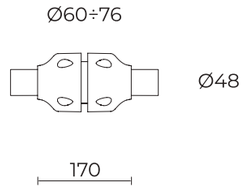
01AK985C0
B209 - Braccio doppio per pali
Double arm for poles



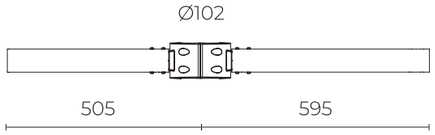
01VO904C0
B204 - Kit giunto per palo
Joint kit for pole



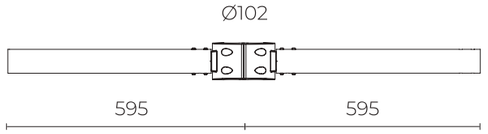
01VO905C0
B205 - Kit giunto doppio per palo
Double joint kit for pole



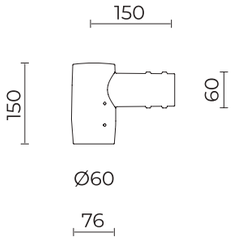
01AK986C0
B210 - Braccio per pali
Arm for poles



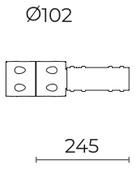
01AK987C0
B211 - Braccio doppio per pali
Double arm for poles



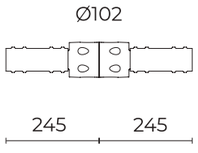
06AK905C0
B153 - Giunto testa palo H 90 mm
Joint post top H 90 mm



06AK906C0
B154 - Braccio per palo
Arm for pole

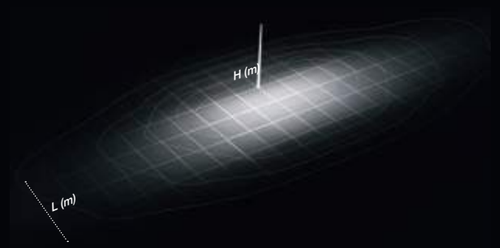


06AK908C0
B156 - Braccio doppio per palo
Double arm for pole

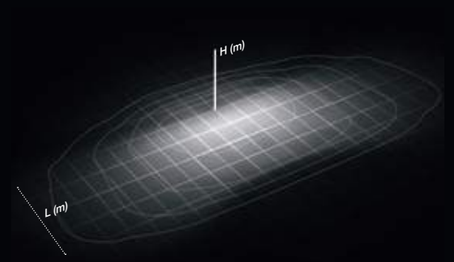


OTTICHE / OPTICS

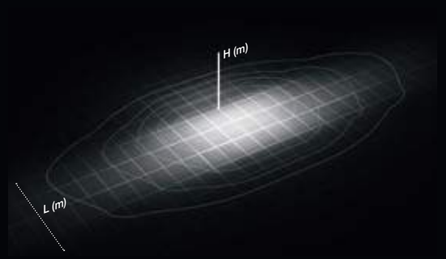
LT-C1 Cycle Path
L / H = 0,5



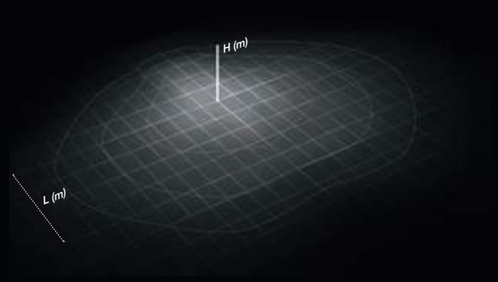
LA-03 Wide Street ECL
L / H = 1,25



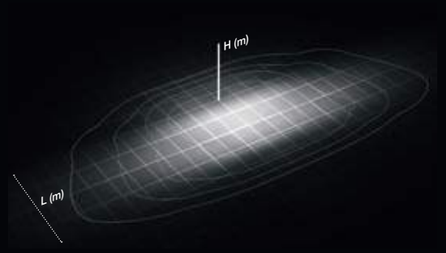
ST-02 Narrow Street ECL
L / H = 0,75



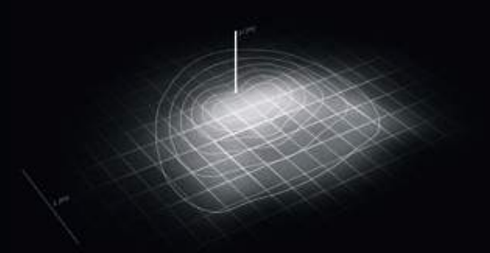
PB-01 Low Pole
L / H = 2



ME-05 Medium Street ECL
L / H = 1



LT-64 Asymmetric Beam with backlight ECL
L / H = 2

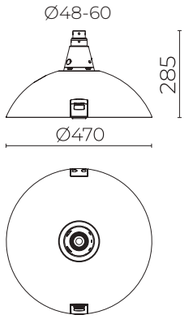


LAMP CONCEPT
Cariboni Group

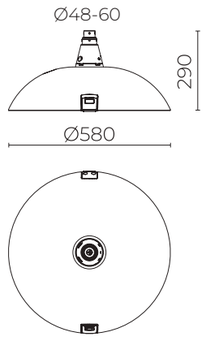
Volta
Sospensione braccio / Arm suspension



SMALL



MEDIUM



DATI TECNICI / TECHNICAL DATA

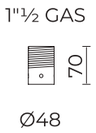
Installazione / Installation:
con accessori, su pali Ø 60 - 76 - 102 mm
with accessories, on poles Ø 60 - 76 - 102 mm

LAMP CONCEPT
Cariboni Group

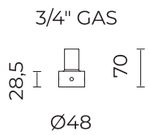
Volta
Sospensione braccio / Arm suspension

ACCESSORI E BRACCI / ACCESSORIES AND ARMS

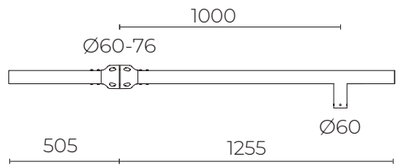
01AK907C0
L16 - Kit sospensione maschio 1” 1/2 GAS
Male suspension kit 1” 1/2 GAS



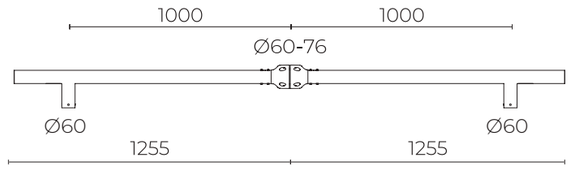
01AK914C0
L17 - Kit sospensione maschio 3/4” GAS
Male suspension kit 3/4” GAS



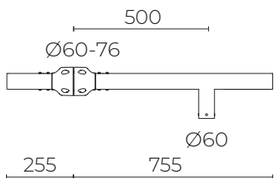
01AK992C0
B216 - Braccio per pali
Arm for poles



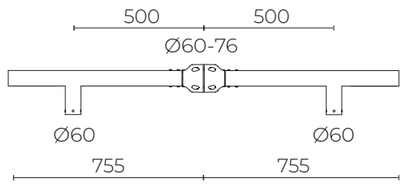
01AK994C0
B217 - Braccio doppio per pali
Double arm for poles



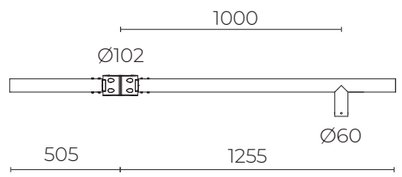
01AK988C0
B212 - Braccio per pali
Arm for poles



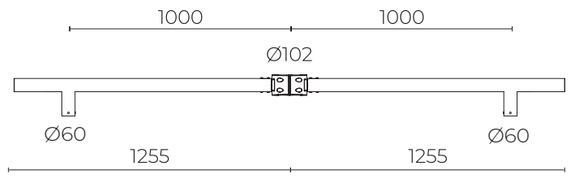
01AK989C0
B213 - Braccio doppio per pali
Double arm for poles



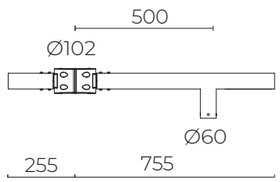
01AK995C0
B218 - Braccio per pali
Arm for poles



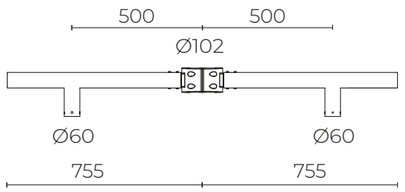
01AK996C0
B219 - Braccio doppio per pali
Double arm for poles



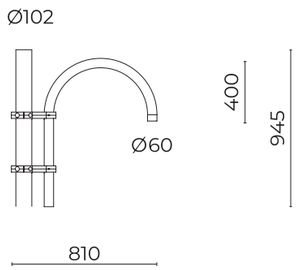
01AK990C0
B214 - Braccio per pali
Arm for poles



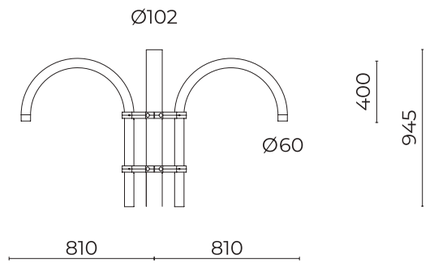
01AK991C0
B215 - Braccio doppio per pali
Double arm for poles



01AK935C0
B15 - Braccio pastorale per pali
Curved arm for poles

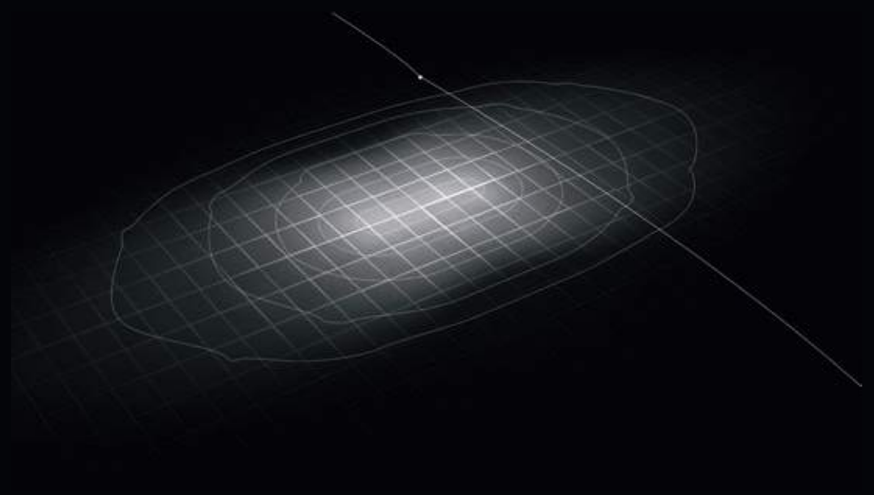


01AK936C0
B16 - Braccio pastorale doppio per pali
Double curved arm for poles



OTTICHE / OPTICS

SO-02 Street Centered



LAMP CONCEPT

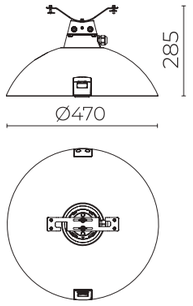
Cariboni Group



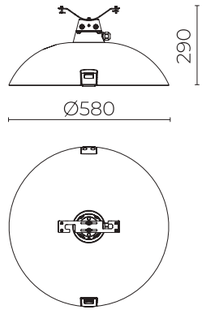
Volta

Sospensione tesata
String suspension

SMALL



MEDIUM



DATI TECNICI / TECHNICAL DATA

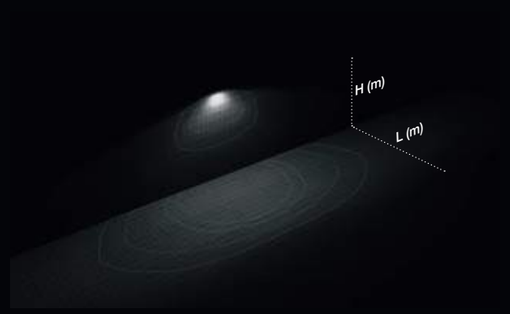
Installazione / Installation:
sospensione tesata per fune Ø 6 ÷ 12 mm. Su richiesta versione entra-esci
suspension for string Ø 6 ÷ 12 mm. On request in-out version

Inclinazione / Inclination:
orizzontale ±15° / horizontal ±15°

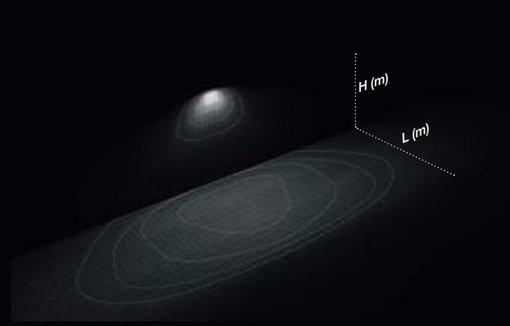
Orientabilità / Adjustability:
0° ÷ 360°

OTTICHE / OPTICS

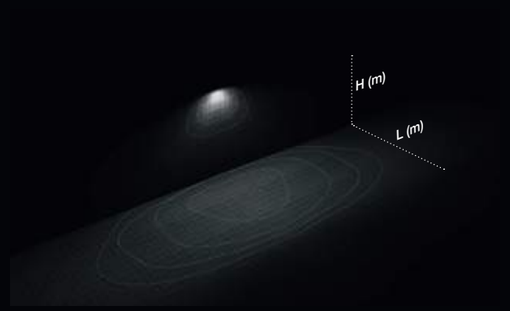
ST-02 Narrow Street
L / H = 0,75



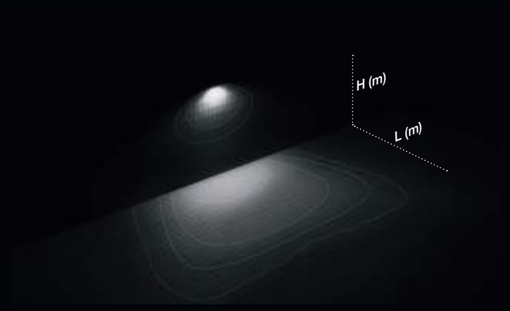
LA-03 Wide Street
L / H = 1,25



ME-05 Medium Street
L / H = 1



LT-63 Asymmetric Beam
L / H = 2

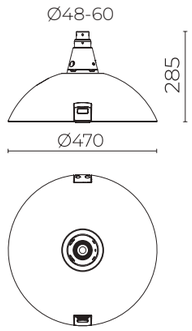


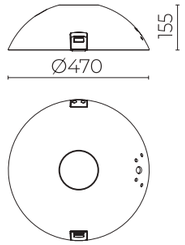
LAMP CONCEPT
Cariboni Group

Volta
Parete / Wall

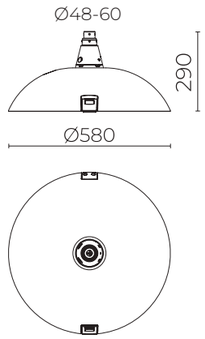


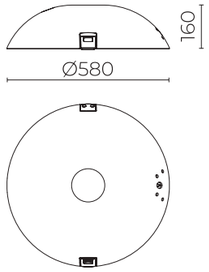
SMALL





MEDIUM





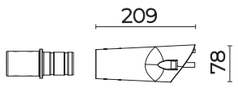
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
parete / wall-mounted

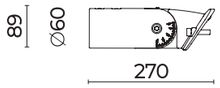
Volta
Parete / Wall

ACCESSORI E BRACCI / ACCESSORIES AND ARMS

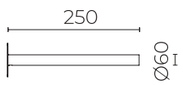
01V0901C0
L17 - Kit laterale fisso per braccio
Fixed side kit for arm



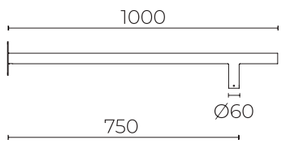
01V0902C0
L16 - Kit laterale regolabile per palo o braccio
Adjustable side kit for pole or arm



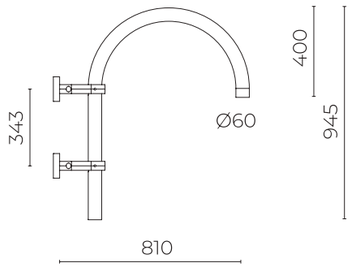
01AK982C0
B206-P - Braccio a parete laterale
Side wall-mounting arm



01AK983C0
B207-P - Braccio a parete sospensione
Suspension wall-mounting arm



01AK950C0
B15-P - Braccio pastorale a parete
Curved arm for wall





OTTICHE / OPTICS

RS-02 Rotosymmetric Beam



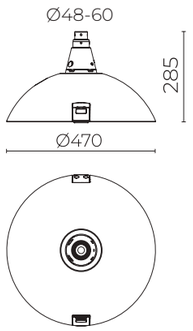
LAMP CONCEPT

Cariboni Group

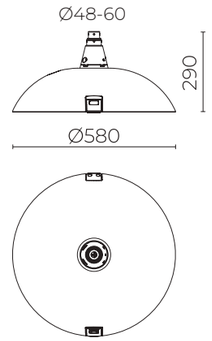


Volta
Sottoportico / Arcade

SMALL



MEDIUM

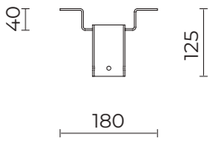


DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
sottoportico /arcade

ACCESSORI / ACCESSORIES

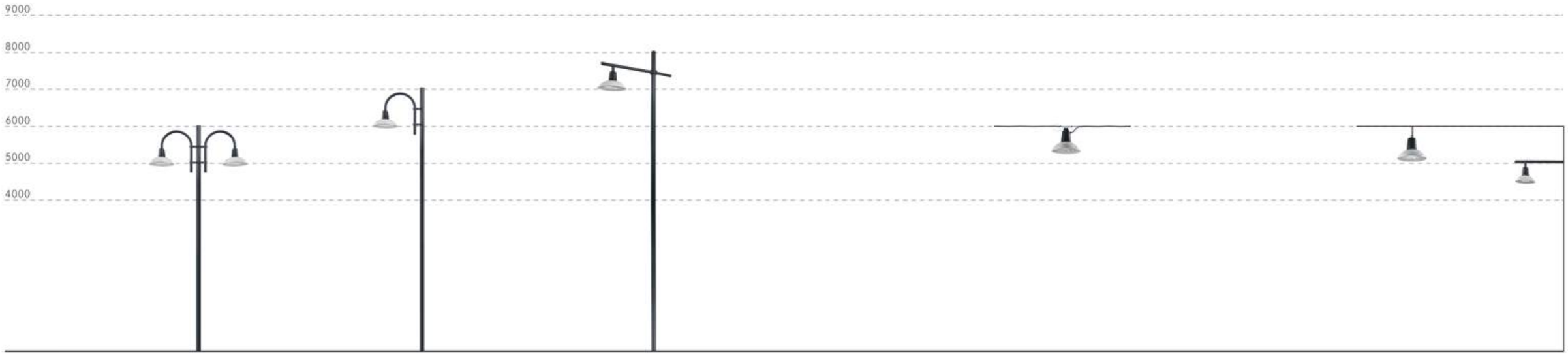
01KA915C0
B53 - Kit sospensione sottoportico
Arcade suspension kit



THEMELIO

L’ampia gamma di soluzioni ottiche e di fissaggi a sospensione rende THEMELIO ideale per l’illuminazione di spazi e percorsi urbani in ogni città.

A wide range of optical and suspension fastening solutions makes THEMELIO ideal for lighting urban spaces and pathways in any city.


9000
8000
7000
6000
5000
4000

220 240V | 50 60Hz | CL II | IP66 | IK09 | ta -30°C +50°C | CE | ROHS | 03 | NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1355 (1800 K) - 23180 lm

Potenza apparecchio / Fitting power:
12 - 155 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 3

Illuminazione intelligente / Smart Lighting:
mezzanotte virtuale. Su richiesta ZHAGA, DALI, CLO, PLC, telegestione wireless
virtual midnight. On request ZHAGA, DALI, CLO, PLC, wireless telemanagement

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

TEMPERATURA COLORE COLOUR TEMPERATURE

- 2200 K
- 2700 K
- 3000 K
- 4000 K

ECO-CENTRIC LIGHTING (ECL)

(ONLY FOR STREET OPTICS)

BLUE FREE LIGHT:
PC-AMBER 0,7% ∑R (λ <500NM) _ CRI 40
1800 K 4,3% ∑R (λ <500NM) _ CRI 70

SWITCHABLE WHITE LIGHT:
1800K / 3000K

COLORI / COLOURS

- SABLÉ 100 NOIR

* Sistema a sospensione / Suspension system
** Corpo / Body



CARATTERISTICHE / FEATURES

Configurazione / Configuration:
il prodotto si compone di corpo e sistema a sospensione, da ordinare separatamente / product composed of body and suspension system, to be ordered separately

Peso massimo / Max weight:
8,8 kg (small), 14,3 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa / included

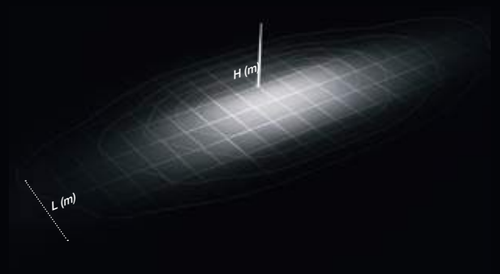
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Precablaggio / Pre-wiring:
prodotto pre-cablato con cavo e connettore
pre-wired product with cable and connector

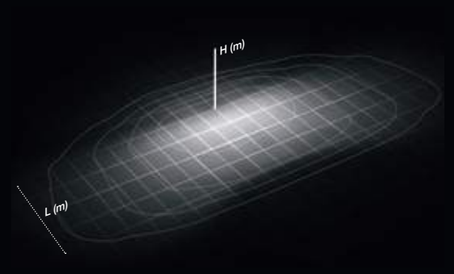
Installazione / Installation:
sospensione braccio, sospensione tesata, parete, sottoportico / arm suspension, string suspension, wall, arcade

OTTICHE / OPTICS

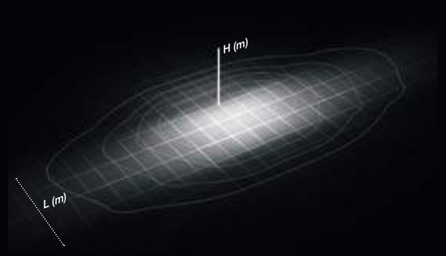
LT-C1 Cycle Path
L / H = 0,5



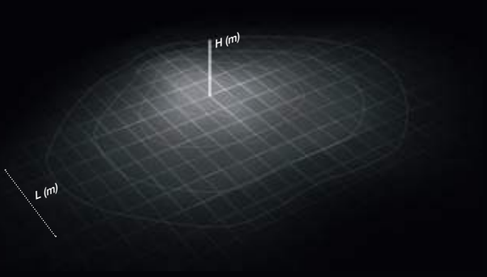
LA-03 Wide Street ECL
L / H = 1,25



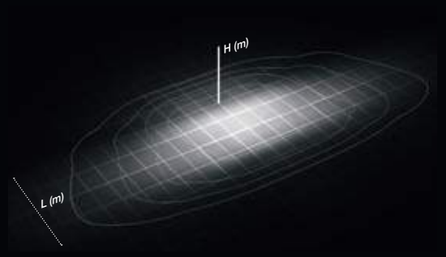
ST-02 Narrow Street ECL
L / H = 0,75



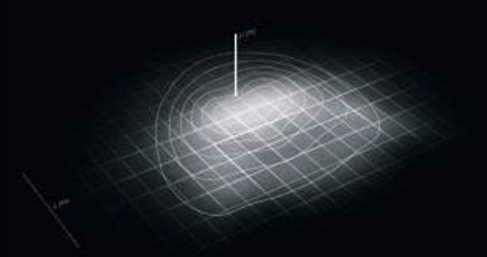
PB-01 Low Pole
L / H = 2



ME-05 Medium Street ECL
L / H = 1



LT-64 Asymmetric Beam with backlight ECL
L / H = 2

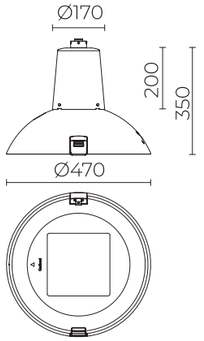


LAMP CONCEPT
Cariboni Group

Themelio
Sospensione braccio / Arm suspension



SMALL



MEDIUM

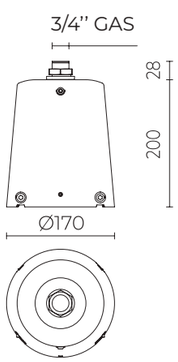
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
con accessori, su pali Ø 60 - 76 - 102 mm
with accessories, on poles Ø 60 - 76 - 102 mm

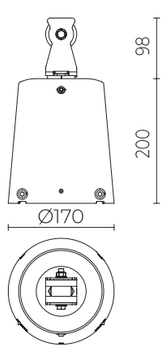
Themelio
Sospensione braccio / Arm suspension

ACCESSORI E BRACCI / ACCESSORIES AND ARMS

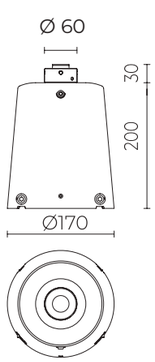
01TH900C0
Sospensione 3/4" GAS
3/4" GAS suspension



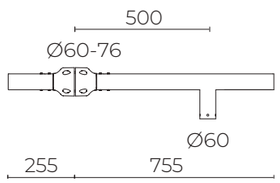
01TH903C0
Sospensione carrucola
Pulley suspension



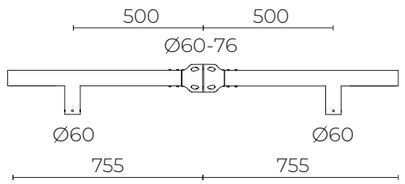
01TH904C0
Sospensione per bracci
Suspension for arms



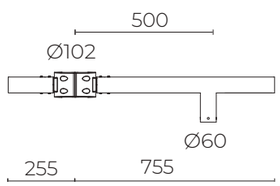
01AK988C0
B212 - Braccio per pali
Arm for poles



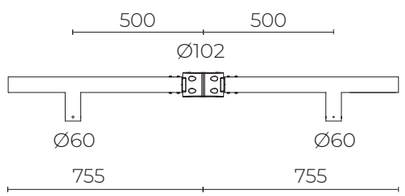
01AK989C0
B213 - Braccio doppio per pali
Double arm for poles



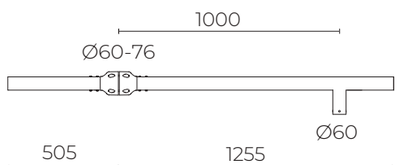
01AK990C0
B214 - Braccio per pali
Arm for poles



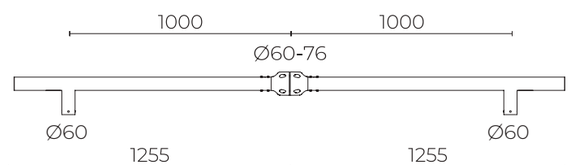
01AK991C0
B215 - Braccio doppio per pali
Double arm for poles



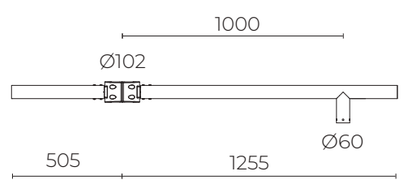
01AK992C0
B216 - Braccio per pali
Arm for poles



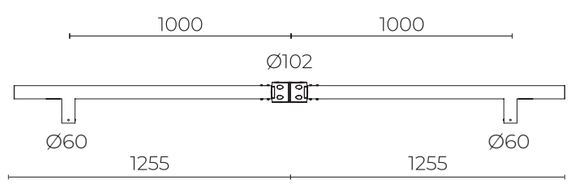
01AK994C0
B217 - Braccio doppio per pali
Double arm for poles



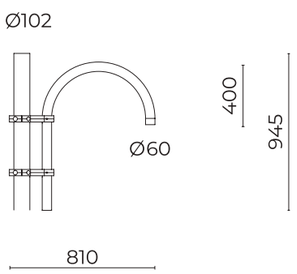
01AK995C0
B218 - Braccio per pali
Arm for poles



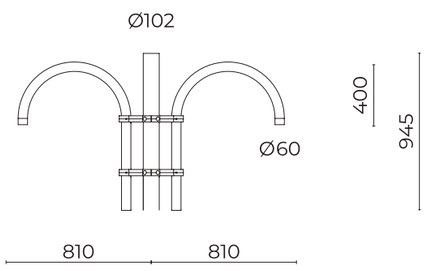
01AK996C0
B219 - Braccio doppio per pali
Double arm for poles



01AK935C0
B15 - Braccio pastorale per pali
Curved arm for poles

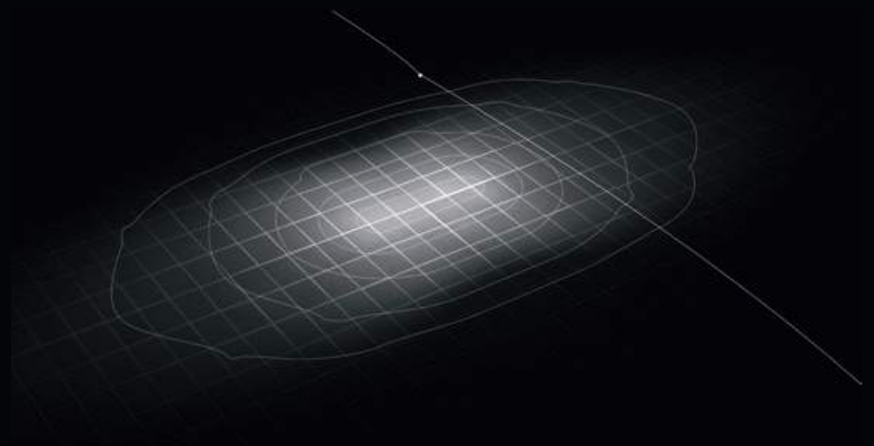


01AK936C0
B16 - Braccio pastorale doppio per pali
Double curved arm for poles



OTTICHE / OPTICS

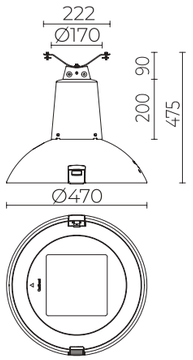
SO-02 Street Centered



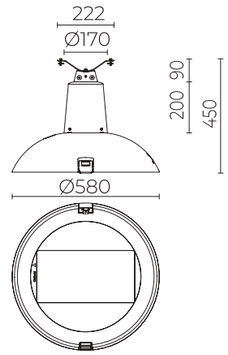


Themelio
Sospensione tesata
String suspension

SMALL



MEDIUM



DATI TECNICI / TECHNICAL DATA

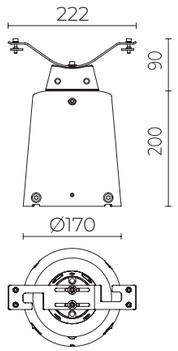
Installazione / Installation:
sospensione tesata / suspension for string

Inclinazione / Inclination:
orizzontale ±15° / horizontal ±15°

Orientabilità / Adjustability:
0° ÷ 360°

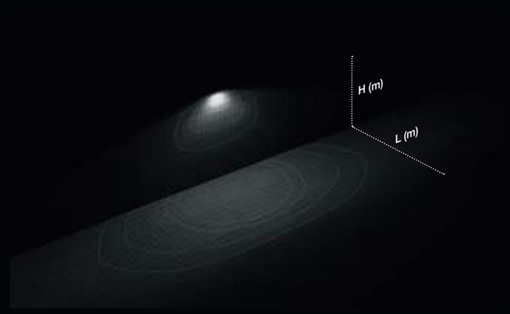
ACCESSORI / ACCESSORIES

01TH901C0
Sospensione tesata per fune Ø 6 ÷ 12 mm
Suspension for string Ø 6 ÷ 12 mm

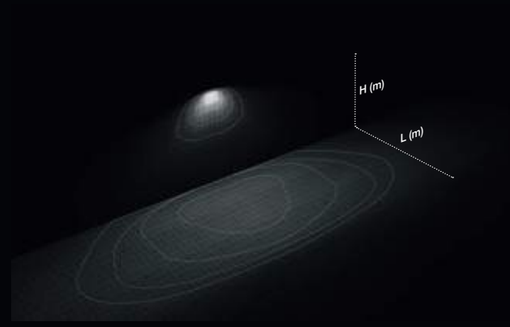


OTTICHE / OPTICS

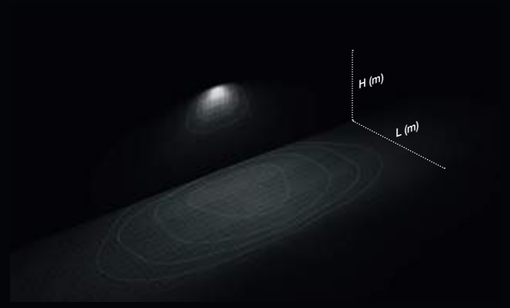
ST-02 Narrow Street
L / H = 0,75



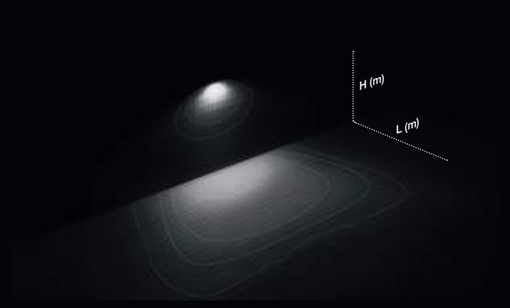
LA-03 Wide Street
L / H = 1,25



ME-05 Medium Street
L / H = 1



LT-63 Asymmetric Beam
L / H = 2

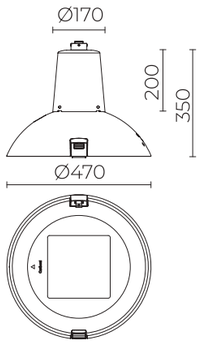


LAMP CONCEPT
Cariboni Group

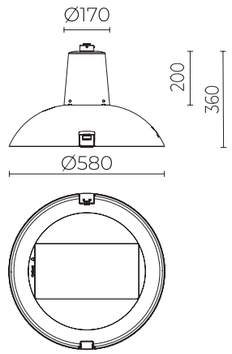
Themelio
Parete / Wall



SMALL



MEDIUM



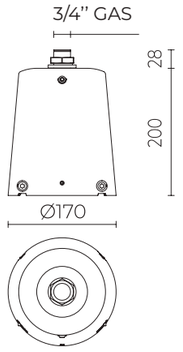
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
parete / wall-mounted

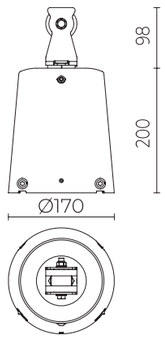
Themelio
Parete / Wall

ACCESSORI E BRACCI / ACCESSORIES AND ARMS

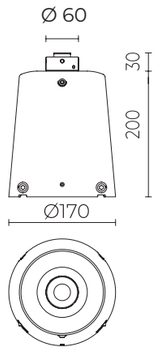
01TH900C0
Sospensione 3/4” GAS
3/4” GAS suspension



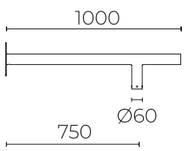
01TH903C0
Sospensione carrucola
Pulley suspension



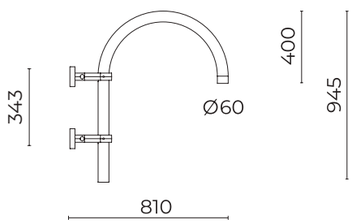
01TH904C0
Sospensione per bracci
Suspension for arms



01AK983C0
B207-P - Kit attacco a parete sospensione
Suspension wall-mounting kit



01AK950C0
B1-P - Braccio pastorale a parete
Curved arm for wall

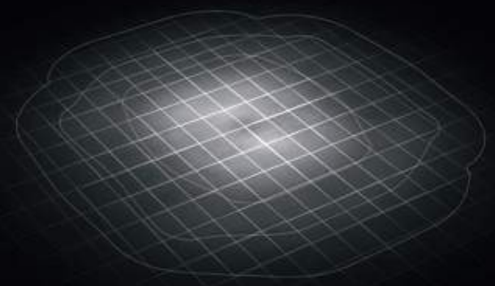


LAMP CONCEPT

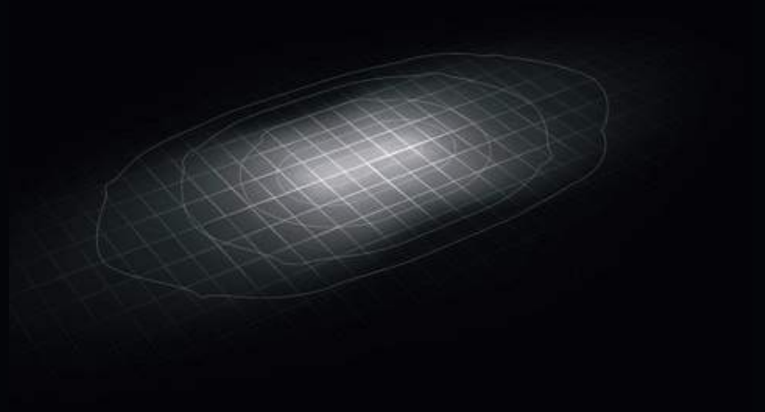
SAN FELICE CIRCEO
Italy

OTTICHE / OPTICS

RS-02 Rotosymmetric Beam



SO-02 Street Centered



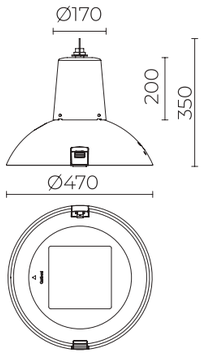
LAMP CONCEPT

Cariboni Group

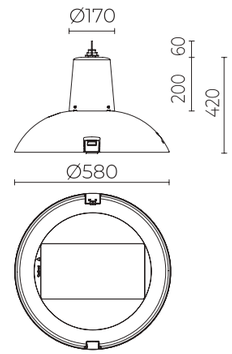
Themelio
Soffitto / Ceiling



SMALL



MEDIUM

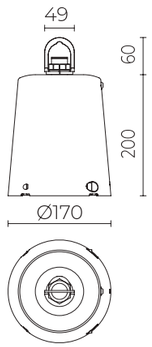


DATI TECNICI / TECHNICAL DATA

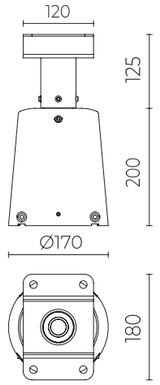
Installazione / Installation:
sottoportico /arcade

ACCESSORI / ACCESSORIES

01TH902C0
Sospensione per catena (non inclusa)
Suspension for chain (not included)



01TH905C0
Sospensione sottoportico
Arcade suspension



NODEA



NODEA è una lanterna urbana moderna, disegnata dall’architetto e lighting designer François Migeon per l’illuminazione di percorsi e spazi urbani.

NODEA is a modern urban lantern, designed by the architect and lighting designer François Migeon for lighting urban pathways and spaces.

Nodea

220 240V | 50 60Hz | CL II | IP66 | IK09 | ta -30°C +50°C | CE | ROHS | NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1230 - 5540 lm

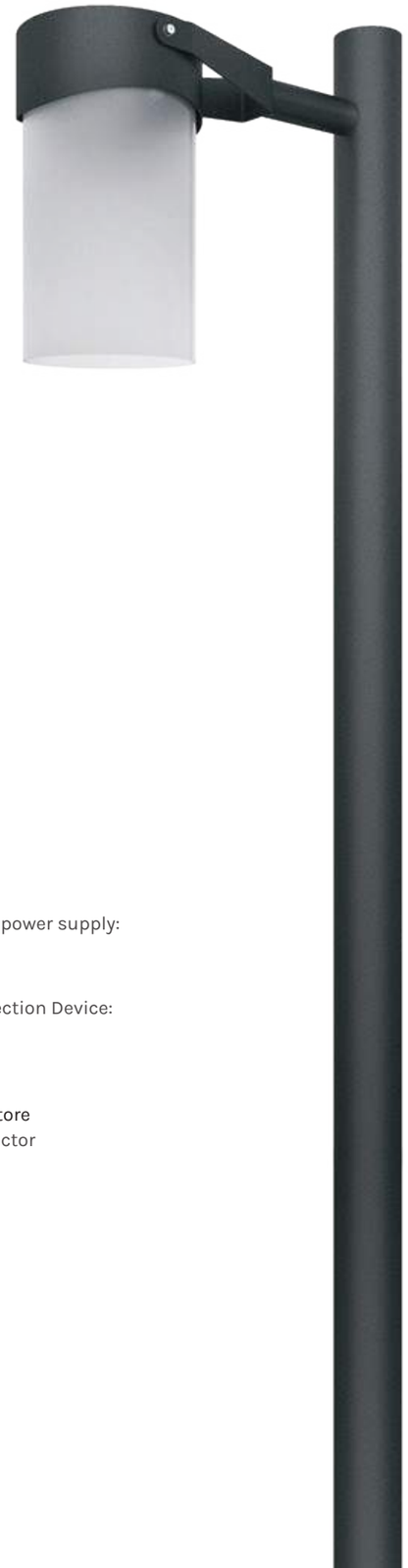
Potenza apparecchio / Fitting power:
12 - 37 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
mezzanotte virtuale. Su richiesta DALI
virtual midnight. On request DALI

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K



MATERIALI / MATERIALS

Corpo / Body:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
4,5 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

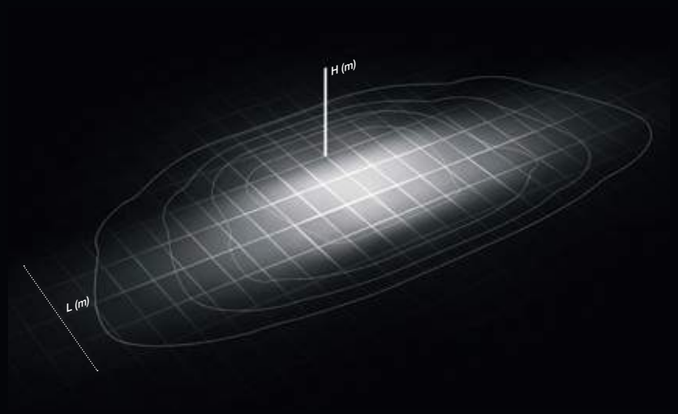
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Precablaggio / Pre-wiring:
prodotto pre-cablato con cavo e connettore
pre-wired product with cable and connector

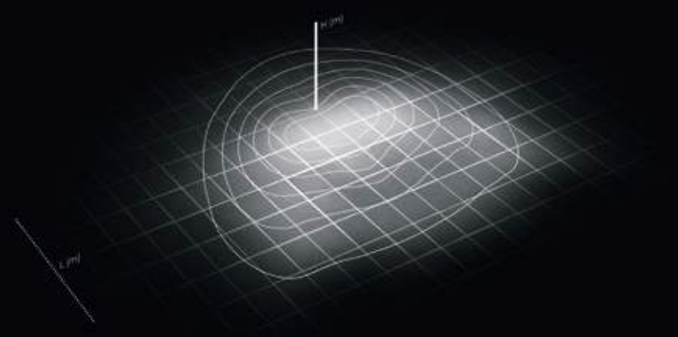
Installazione / Installation:
lato palo / pole side

OTTICHE / OPTICS

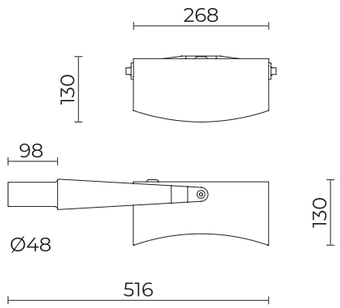
ME-05 Medium Street
L / H = 1



LT-64 Asymmetric Beam with backlight
L / H = 2



Nodea
Lato palo / Pole side



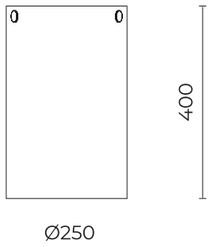
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
braccio Ø 48 mm / arm Ø 48 mm

Inclinazione / Inclination:
regolazione continua /continuous adjustment

ACCESSORI / ACCESSORIES

06ND901Y0
Diffusore policarbonato trasparente
Transparent polycarbonate diffuser



ORAO



ORAO è stato pensato per il benessere degli abitanti degli spazi urbani. Geometrie e finiture migliorano il comfort visivo garantendo le performance fotometriche del sistema ottico.

ORAO was designed for the well-being of inhabitants in urban areas. Its shapes and finishes enhance visual comfort without compromising the photometric performance of the optical system.

Orao

220 240V | 50 60Hz | CL II | IP66 | IK09 | ta -30°C +50°C | CE | ROHS | 03 | NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1230 - 23180 lm

Potenza apparecchio / Fitting power:
12 - 155 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
mezzanotte virtuale. Su richiesta ZHAGA, DALI, CLO, PLC, telegestione wireless / virtual midnight. On request ZHAGA, DALI, CLO, PLC, wireless telemanagement

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

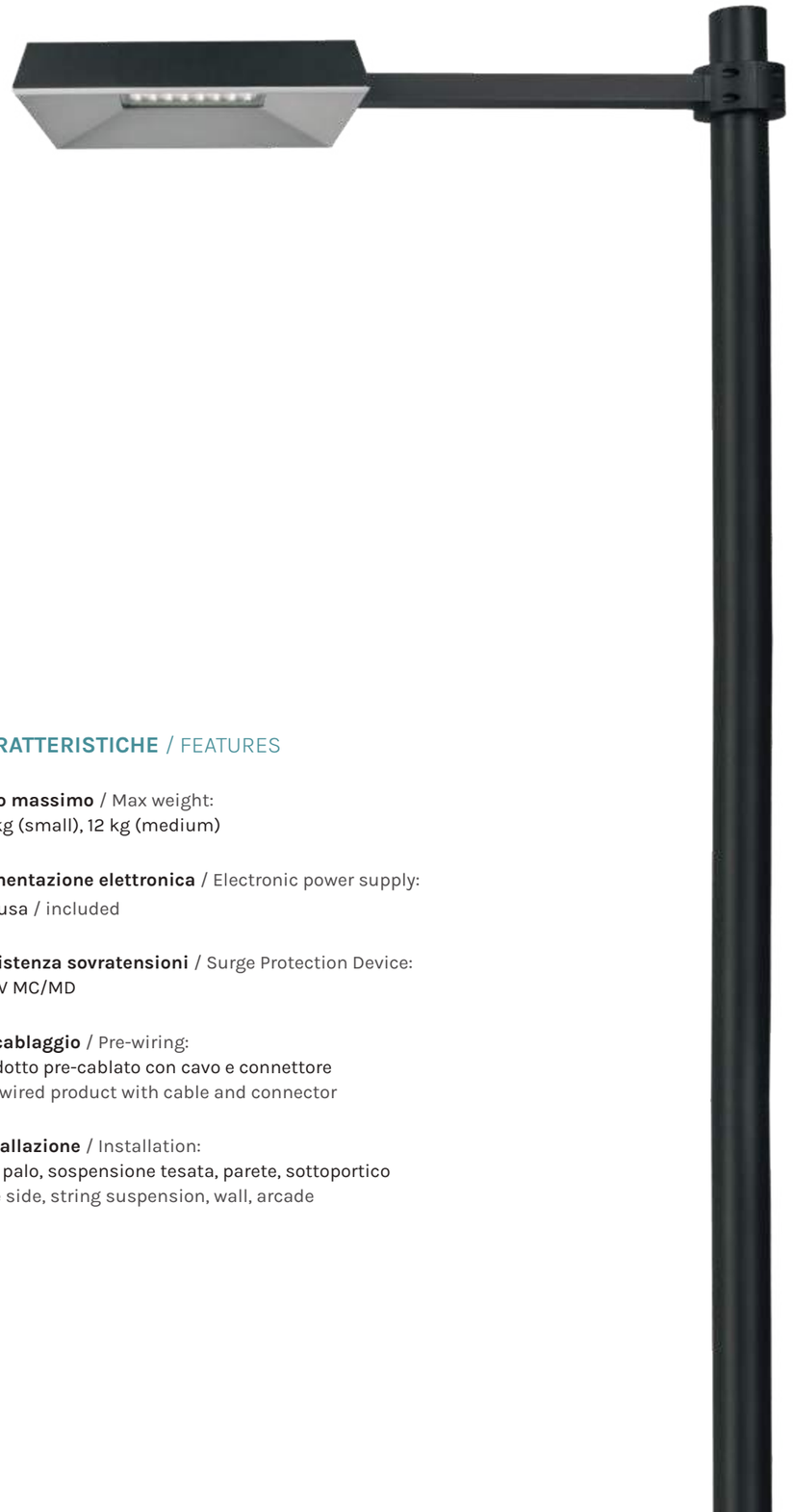
Peso massimo / Max weight:
7.5 kg (small), 12 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa / included

Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

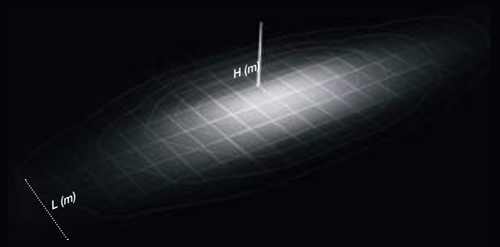
Precablaggio / Pre-wiring:
prodotto pre-cablato con cavo e connettore
pre-wired product with cable and connector

Installazione / Installation:
lato palo, sospensione tesata, parete, sottoportico
pole side, string suspension, wall, arcade

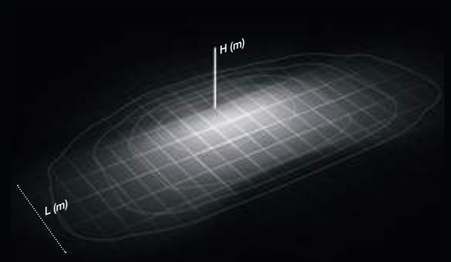


OTTICHE / OPTICS

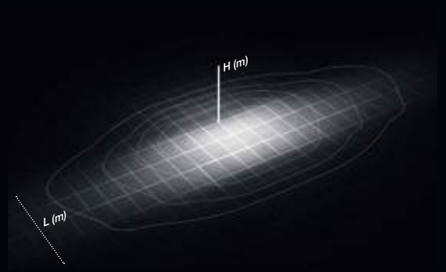
LT-C1 Cycle Path
L / H = 0,5



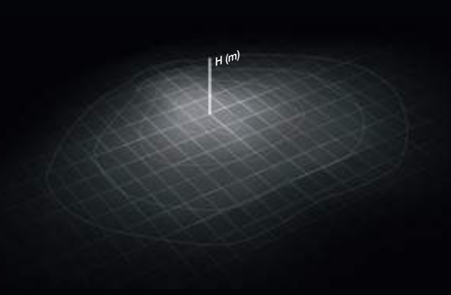
LA-03 Wide Street
L / H = 1,25



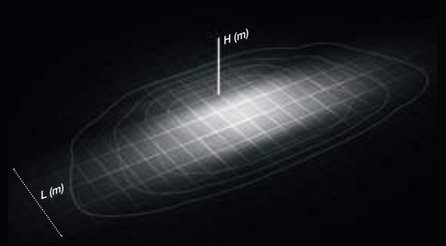
ST-02 Narrow Street
L / H = 0,75



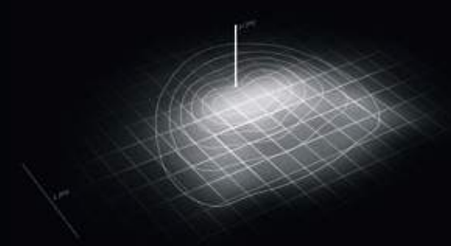
PB-01 Low Pole
L / H = 2



ME-05 Medium Street
L / H = 1



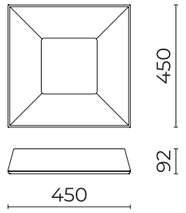
LT-64 Asymmetric Beam with backlight
L / H = 2



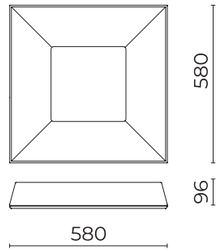
Orao
Lato palo / Pole side



SMALL



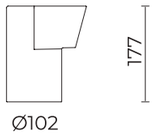
MEDIUM



DATI TECNICI / TECHNICAL DATA

Installazione / Installations:
con accessorio 01OR901C0 su pali Ø 102 mm;
con bracci su pali Ø 60 - 76 - 102 mm / with accessory 01OR901C0 on poles Ø 102 mm; with arms for poles Ø 60 - 76 - 102 mm

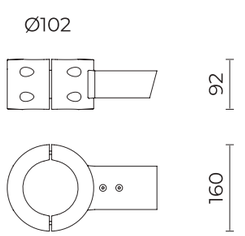
01OR901C0
B96 - Attacco testa palo Ø 60 mm H 90 mm
Joint for post top Ø 60 mm H 90 mm



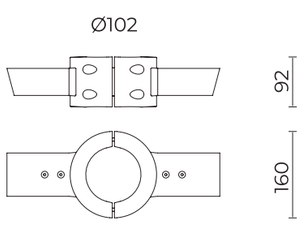
Orao
Lato palo / Pole side

BRACCI / ARMS

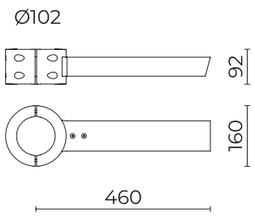
01OR904C0
B99 - Braccio rettangolare
Rectangular arm



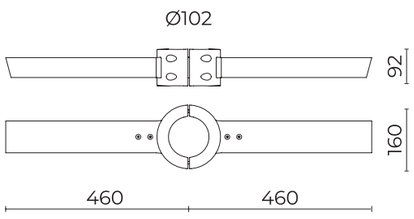
01OR905C0
B100 - Braccio doppio rettangolare
Rectangular double arm



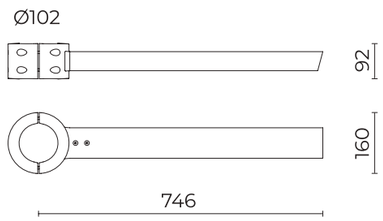
01OR906C0
B101 - Braccio rettangolare
Rectangular arm



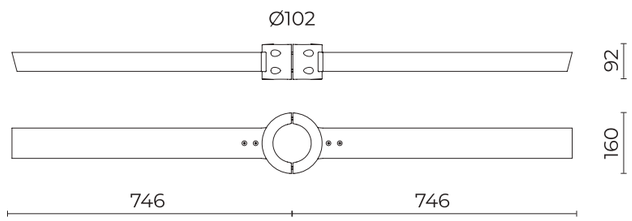
01OR907C0
B102 - Braccio doppio rettangolare
Rectangular double arm



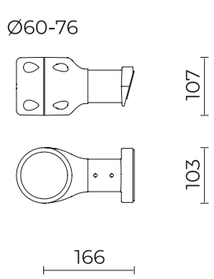
01OR908C0
B103 - Braccio rettangolare
Rectangular arm



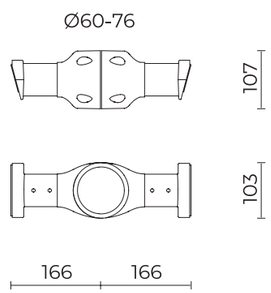
01OR909C0
B104 - Braccio doppio rettangolare
Rectangular double arm



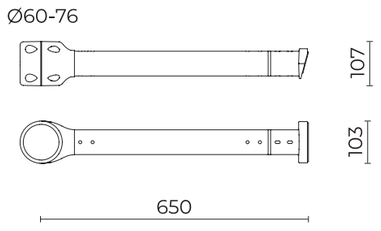
01OR911C0
B106 - Braccio tubolare
Tubular arm



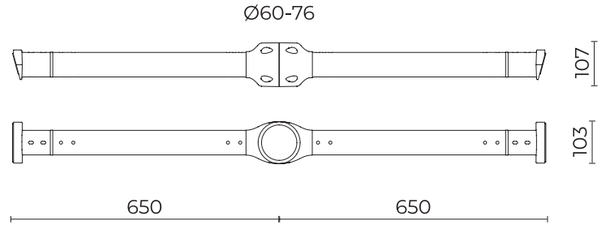
01OR912C0
B107 - Braccio doppio tubolare
Tubular double arm



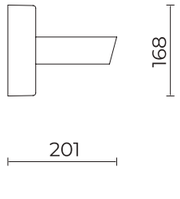
01OR913C0
B108 - Braccio tubolare
Tubular arm



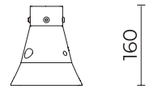
01OR914C0
B109 - Braccio doppio tubolare
Tubular double arm



01OR903C0
B98-P - Braccio parete
Arm for wall



01OR916C0
B83 - Attacco sospensione pastorale
Kit for suspension on curved arm





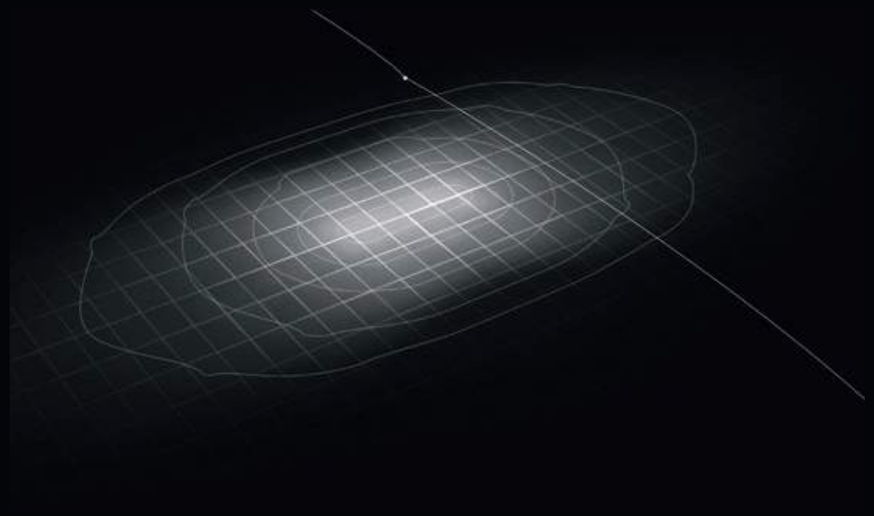
CENTELLES
Spain



FIDENZA
Italy

OTTICHE / OPTICS

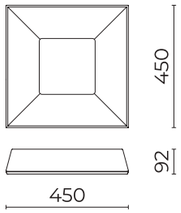
SO-02 Street Centered



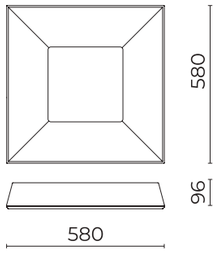


Orao
Sospensione tesata
String suspension

SMALL



MEDIUM



DATI TECNICI / TECHNICAL DATA

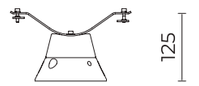
Installazione / Installation:
sospensione tesata / string suspension

Inclinazione / Inclination:
orizzontale ±15° / horizontal ±15°

Orientabilità / Adjustability:
0° ÷ 360°

ACCESSORI / ACCESSORIES

010R915C0
B82 - Kit sospensione fune tesata Ø 6 ÷ 12 mm
Suspension kit for string Ø 6 ÷ 12 mm



FLAT LINK



L’ampia gamma di soluzioni ottiche e di fissaggio rendono FLAT LINK una soluzione ideale per l’illuminazione di spazi e percorsi urbani in ogni città. Design by Silvio De Ponte.

The wide range of optical and installation solutions make FLAT LINK an ideal solution for lighting urban spaces and pathways in every city. Design by Silvio De Ponte.

Flat Link

220 240V | 50 60Hz | CL II | IP66 | IK08 | ta -30°C +50°C | CE | ROHS | NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
3720 - 17140 lm

Potenza apparecchio / Fitting power:
26,5 - 128,5 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 4

Illuminazione intelligente / Smart Lighting:
mezzanotte virtuale. Su richiesta ZHAGA, DALI, CLO, PLC, telegestione wireless
virtual midnight. On request ZHAGA, DALI, CLO, PLC, wireless telemanagement

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K



MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Copertura / Upper dome:
tornitura di lastra di alluminio
aluminium plate turning

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
11 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

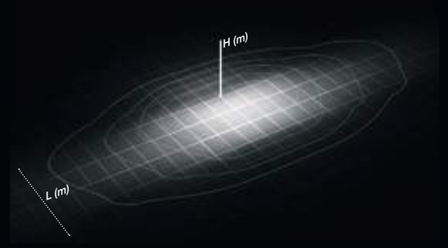
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Precablaggio / Pre-wiring:
prodotto pre-cablato con cavo e connettore
pre-wired product with cable and connector

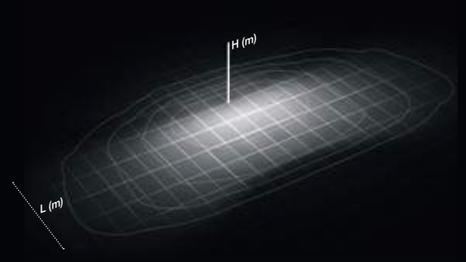
Installazione / Installation:
lato palo, sospensione braccio, sospensione tesata, parete / pole side, arm suspension, string suspension, wall

OTTICHE / OPTICS

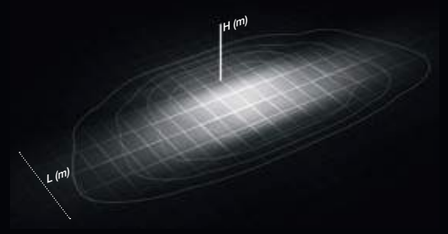
ST-01 Narrow Street
L / H = 0,75



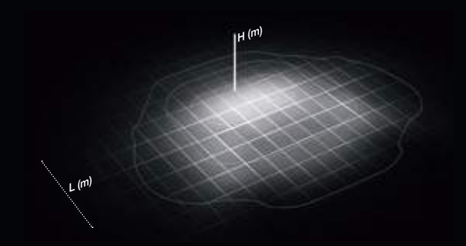
LA-01 Wide Street
L / H = 1,25



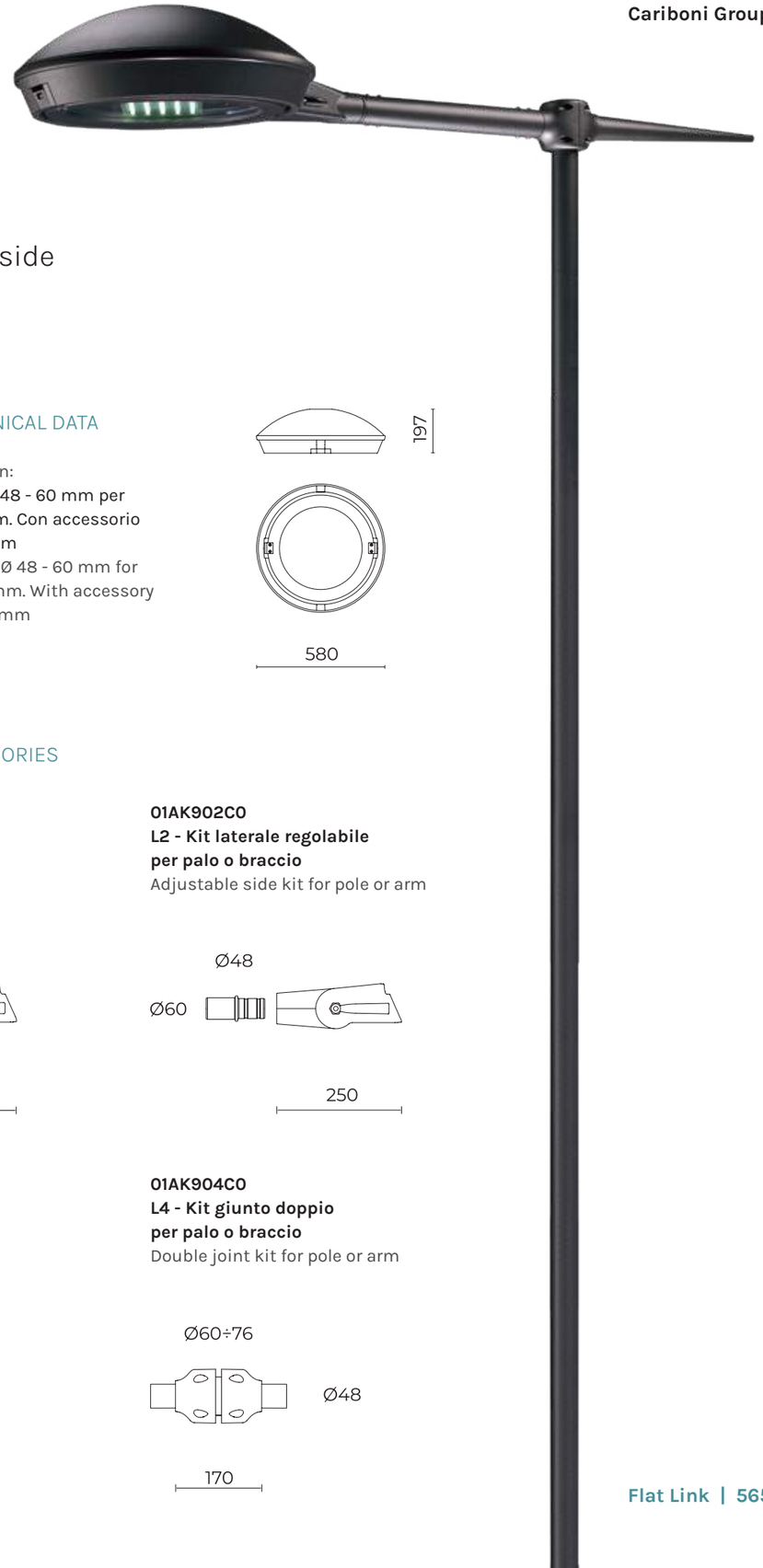
ME-01 Medium Street
L / H = 1



LT-06 Asymmetric Beam
L / H = 2



LAMP CONCEPT
Cariboni Group



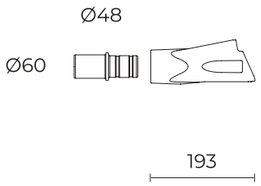
Flat Link
Lato palo / Pole side

DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
con accessori su bracci Ø 48 - 60 mm per pali Ø 60 - 76 - 102 - 114 mm. Con accessorio 01AK902C0 su pali Ø 60 mm
with accessories on arms Ø 48 - 60 mm for poles Ø 60 - 76 - 102 - 114 mm. With accessory 01AK902C0 on poles Ø 60 mm

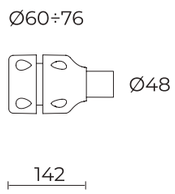
ACCESSORI / ACCESSORIES

01AK901C0
L1 - Kit laterale fisso per braccio
Fixed side kit for arm



01AK902C0
L2 - Kit laterale regolabile per palo o braccio
Adjustable side kit for pole or arm

01AK903C0
L3 - Kit giunto per palo o braccio
Joint kit for pole or arm

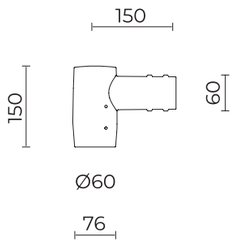


01AK904C0
L4 - Kit giunto doppio per palo o braccio
Double joint kit for pole or arm

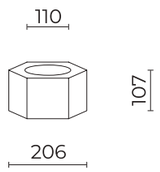
Flat Link
Lato palo / Pole side

ACCESSORI E BRACCI / ACCESSORIES AND ARMS

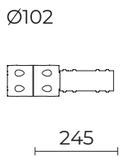
06AK905C0
B153 - Giunto testa palo H 90 mm
Joint post top H 90 mm



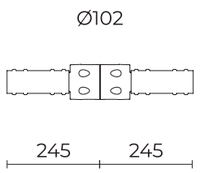
01SC904AD0
E1 - Kit esagono 1 - 2 agganci 180° per palo Ø 114 mm
Hexagonal connector kit 1 - 2 180° couplings for a Ø 114 mm pole



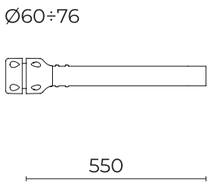
06AK906C0
B154 - Braccio per pali
Arm for poles



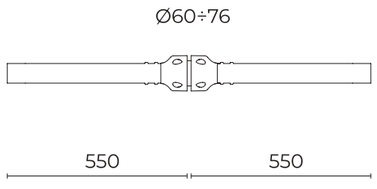
06AK908C0
B156 - Braccio doppio per pali
Double arm for poles



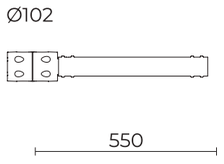
01AK921C0
B1 - Braccio per pali
Arm for poles



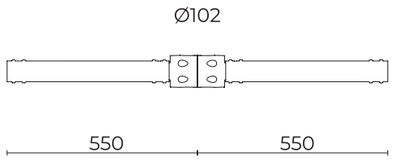
01AK922C0
B2 - Braccio doppio per pali
Double arm for poles



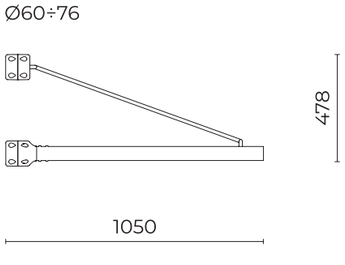
06AK907C0
B155 - Braccio per pali
Arm for poles



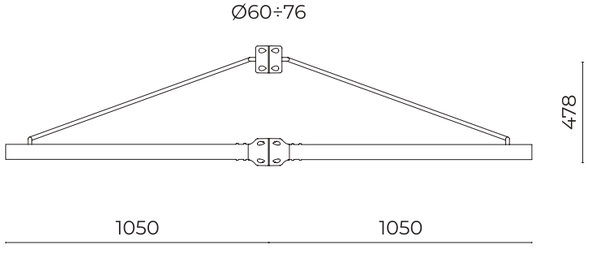
06AK909C0
B157 - Braccio doppio per pali
Double arm for poles



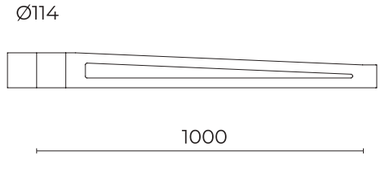
01AK923C0
B3 - Braccio con tirante per pali
Arm with tensioning rod for poles



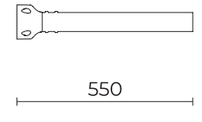
01AK924C0
B4 - Braccio doppio con tirante per pali
Double arm with tensioning rod for poles



01AK931C0
B11 - Braccio lavorato per pali
Arm machined for poles

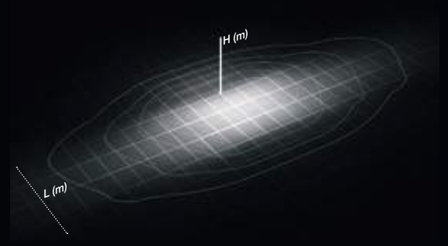


01AK951C0
B1-P - Braccio parete
Arm for wall

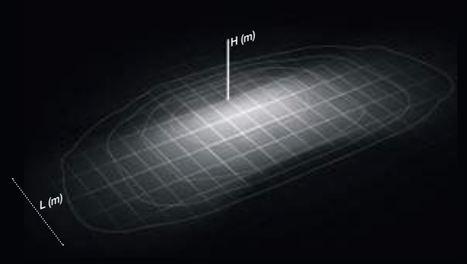


OTTICHE / OPTICS

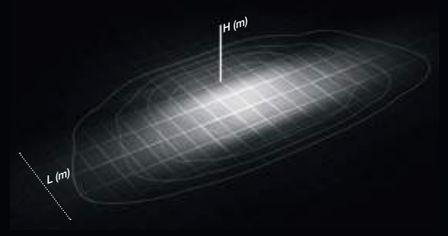
ST-01 Narrow Street
L / H = 0,75



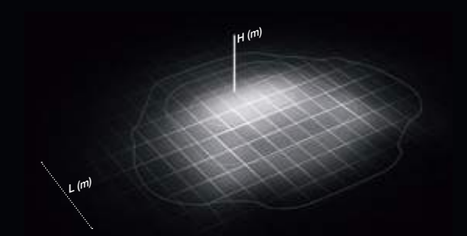
LA-01 Wide Street
L / H = 1,25



ME-01 Medium Street
L / H = 1



LT-06 Asymmetric Beam
L / H = 2



Flat Link
Sospensione braccio / Arm suspension



DATI TECNICI / TECHNICAL DATA

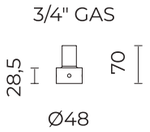
Installazione / Installation:
con accessori su bracci 1”1/2 GAS, 3/4” GAS; su bracci Ø 48 - 60 mm per pali Ø 60 - 76 - 102 - 114 mm / with accessories on arms 1”1/2 GAS, 3/4” GAS; on arms Ø 48 - 60 mm for poles Ø 60 - 76 - 102 - 114 mm

ACCESSORI / ACCESSORIES

01AK907C0
L16 - Kit sospensione maschio
Male suspension kit



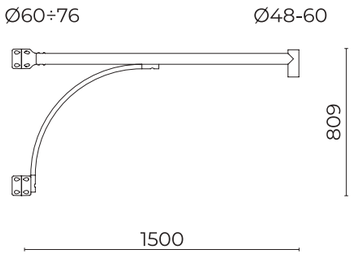
01AK914C0
L17 - Kit sospensione maschio
Male suspension kit



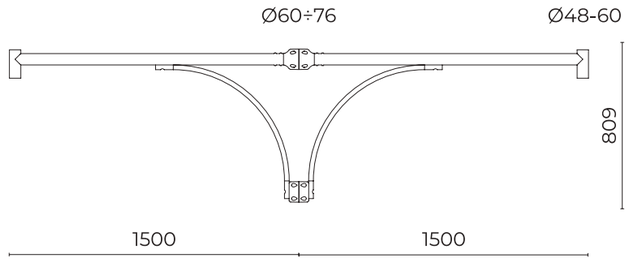
Flat Link
Sospensione braccio / Arm suspension

BRACCI / ARMS

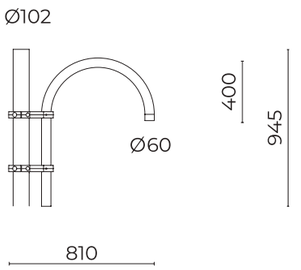
01AK933C0
B13 - Braccio ad arco per pali
Arched arm for poles



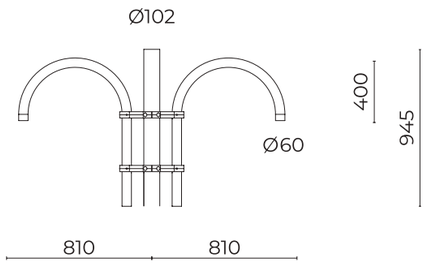
01AK934C0
B14 - Braccio ad arco doppio per pali
Double arched arm for poles



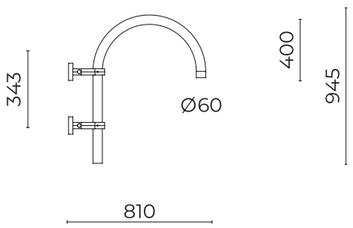
01AK935C0
B15 - Braccio pastorale per pali
Curved arm for poles



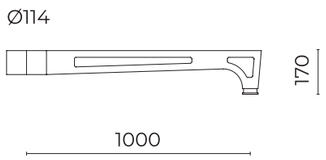
01AK936C0
B16 - Braccio pastorale doppio per pali
Double curved arm for poles



01AK950C0
B15-P - Braccio pastorale a parete
Curved arm for wall



01AK941C0
B21 - Braccio lavorato per pali
Arm machined for poles

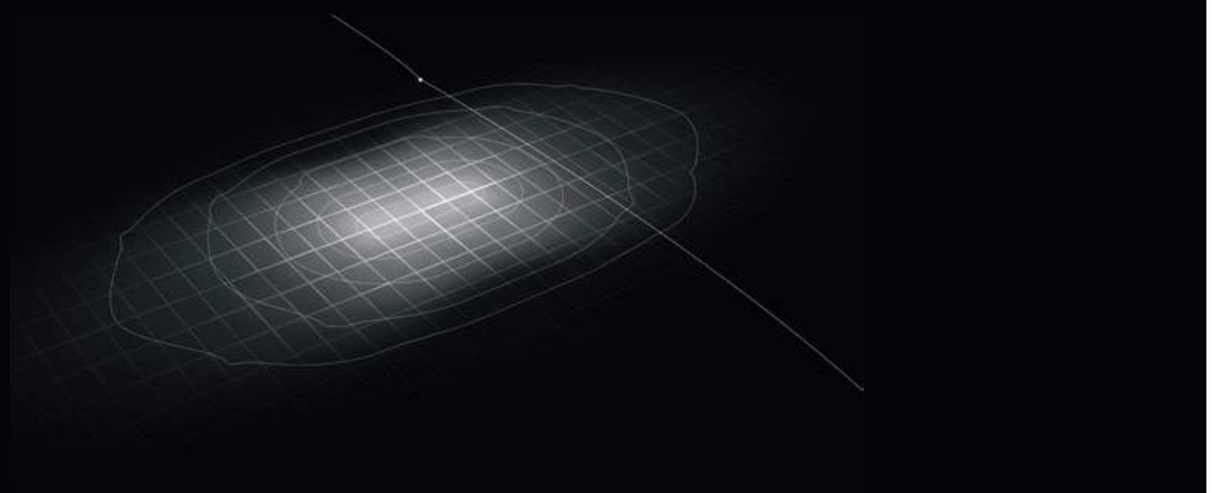




BUCHAREST
Romania

OTTICHE / OPTICS

SO-01 Street Centered



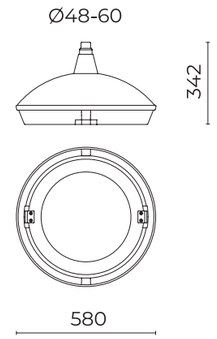


Flat Link
Sospensione tesata
String suspension

DATI TECNICI / TECHNICAL DATA

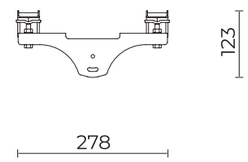
Installazione / Installation:
sospensione tesata / string suspension

Orientabilità / Adjustability:
0° ÷ 360°



ACCESSORI / ACCESSORIES

01AK913C0
Kit di sospensione
per fune tesata Ø 6 ÷ 12 mm
Suspension kit for string Ø 6 ÷ 12 mm



BIG LINK



L’ampia gamma di soluzioni ottiche e di fissaggio rendono BIG LINK una soluzione ideale per l’illuminazione di spazi e percorsi urbani in ogni città. Design by Silvio De Ponte.

The wide range of optical and installation solutions make BIG LINK an ideal solution for lighting urban spaces and pathways in every city. Design by Silvio De Ponte.

MILAN
Italy

Big Link

220 240V | 50 60Hz | CL II | IP66 | IK08 | ta -30°C +50°C | CE | ROHS | NFC



DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
3720 - 17140 lm

Potenza apparecchio / Fitting power:
26,5 - 128,5 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 4

Illuminazione intelligente / Smart Lighting:
mezzanotte virtuale. Su richiesta DALI, CLO
virtual midnight. On request DALI, CLO

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Copertura / Upper dome:
tornitura di lastra di alluminio
aluminium plate turning

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
11 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

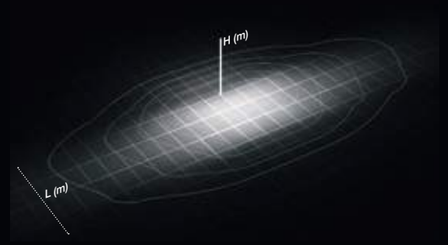
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Precablaggio / Pre-wiring:
prodotto pre-cablato con cavo e connettore
pre-wired product with cable and connector

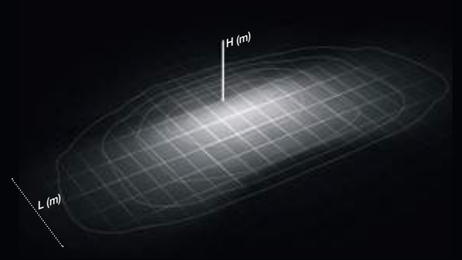
Installazione / Installation:
lato palo, sospensione braccio
pole side, arm suspension

OTTICHE / OPTICS

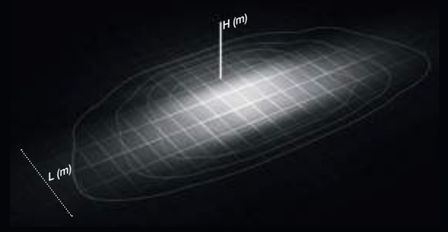
ST-01 Narrow Street
L / H = 0,75



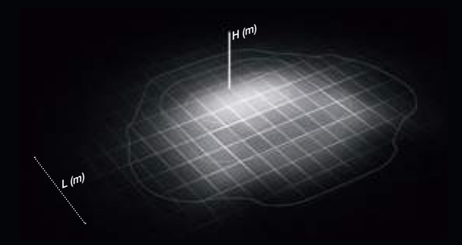
LA-01 Wide Street
L / H = 1,25



ME-01 Medium Street
L / H = 1

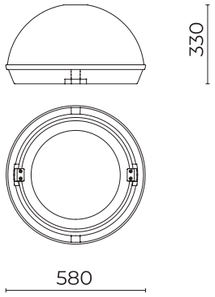


LT-06 Asymmetric Beam
L / H = 2



LAMP CONCEPT
Cariboni Group

Big Link
Lato palo / Pole side



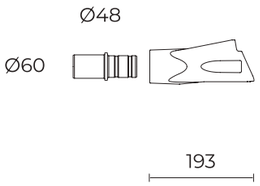


DATI TECNICI / TECHNICAL DATA

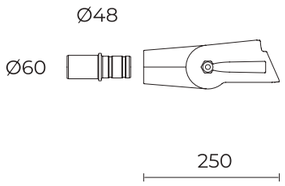
Installazione / Installation:
con accessori su bracci Ø 48 - 60 mm per pali Ø 60 - 76 - 102 - 114 mm.
Con accessorio 01AK902C0 su pali Ø 60 mm
with accessories on arms Ø 48 - 60 mm for poles Ø 60 - 76 - 102 - 114 mm.
With accessory 01AK902C0 on poles Ø 60 mm

ACCESSORI / ACCESSORIES

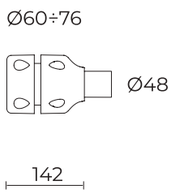
01AK901C0
L1 - Kit laterale fisso per braccio
Fixed side kit for arm



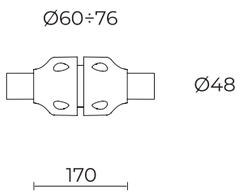
01AK902C0
L2 - Kit laterale regolabile per palo o braccio
Adjustable side kit for pole or arm



01AK903C0
L3 - Kit giunto per palo o braccio
Joint kit for pole or arm



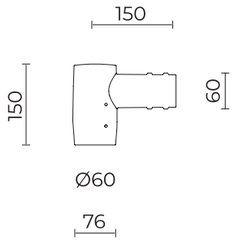
01AK904C0
L4 - Kit giunto doppio per palo o braccio
Double joint kit for pole or arm



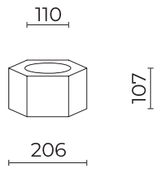
Big Link
Lato palo / Pole side

ACCESSORI E BRACCI / ACCESSORIES AND ARMS:

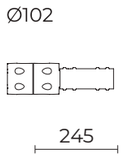
06AK905C0
B153 - Giunto testa palo H 90 mm
Joint post top H 90 mm



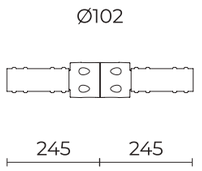
01SC904AD0
E1 - Kit esagono 1 - 2 agganci 180° per palo Ø 114 mm
Hexagonal connector kit 1 - 2 180° couplings for a Ø 114 mm pole



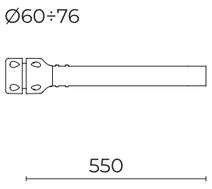
06AK906C0
B154 - Braccio per pali
Arm for poles



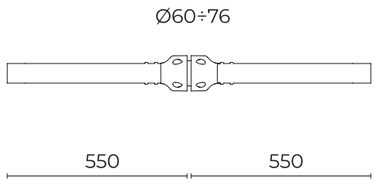
06AK908C0
B156 - Braccio doppio per pali
Double arm for poles



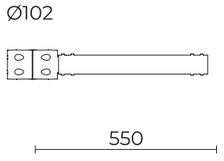
01AK921C0
B1 - Braccio per pali
Arm for poles



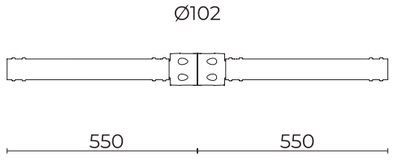
01AK922C0
B2 - Braccio doppio per pali
Double arm for poles



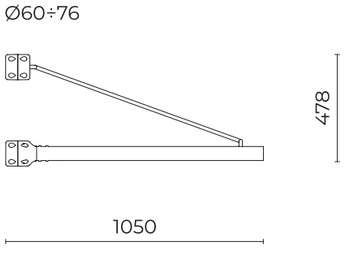
06AK907C0
B155 - Braccio per pali
Arm for poles



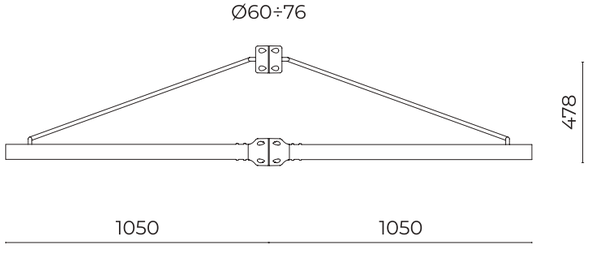
06AK909C0
B157 - Braccio doppio per pali
Double arm for poles



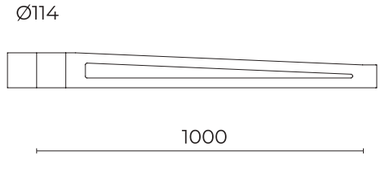
01AK923C0
B3 - Braccio con tirante per pali
Arm with tensioning rod for poles



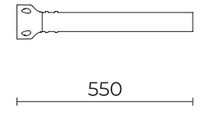
01AK924C0
B4 - Braccio doppio con tirante per pali
Double arm with tensioning rod for poles



01AK931C0
B11 - Braccio lavorato per pali
Arm machined for poles

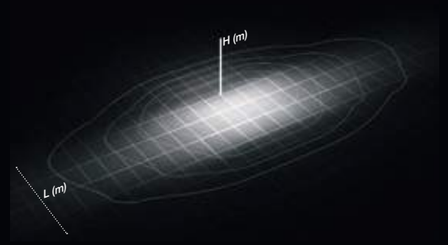


01AK951C0
B1-P - Braccio parete
Arm for wall

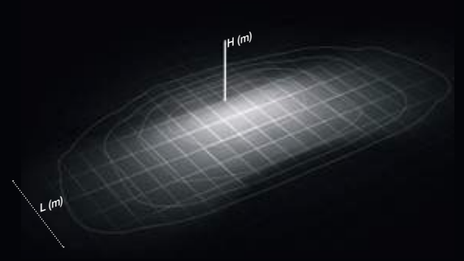


OTTICHE / OPTICS

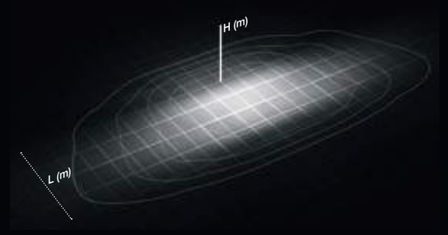
ST-01 Narrow Street
L / H = 0,75



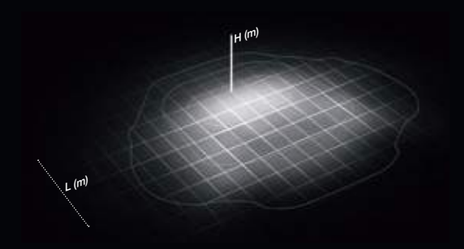
LA-01 Wide Street
L / H = 1,25



ME-01 Medium Street
L / H = 1



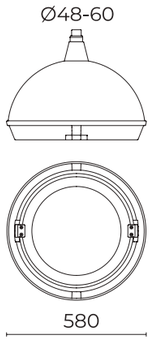
LT-06 Asymmetric Beam
L / H = 2



LAMP CONCEPT
Cariboni Group

Big Link
Sospensione braccio / Arm suspension





DATI TECNICI / TECHNICAL DATA

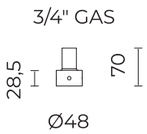
Installazione / Installation:
con accessori su bracci 1”1/2 GAS, 3/4” GAS; su bracci Ø 48 - 60 mm per pali Ø 60 - 76 - 102 - 114 mm
with accessories on arms 1”1/2 GAS, 3/4” GAS; on arms Ø 48 - 60 mm for poles Ø 60 - 76 - 102 - 114 mm

ACCESSORI / ACCESSORIES

01AK907C0
L16 - Kit sospensione maschio
Male suspension kit



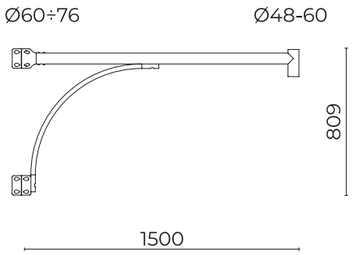
01AK914C0
L17 - Kit sospensione maschio
Male suspension kit



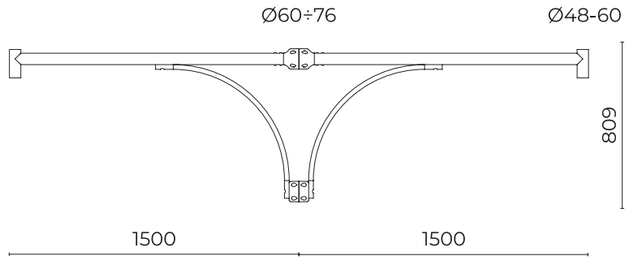
Big Link
Sospensione braccio / Arm suspension

BRACCI / ARMS

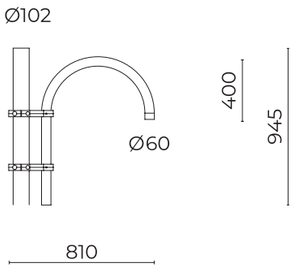
01AK933C0
B13 - Braccio ad arco per pali
Arched arm for poles



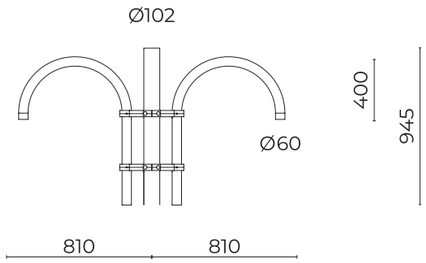
01AK934C0
B14 - Braccio ad arco doppio per pali
Double arched arm for poles



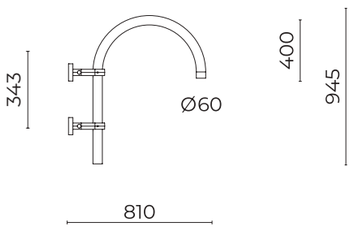
01AK935C0
B15 - Braccio pastorale per pali
Curved arm for poles



01AK936C0
B16 - Braccio pastorale doppio per pali
Double curved arm for poles



01AK950C0
B15-P - Braccio pastorale a parete
Curved arm for wall





CLASSIC



CLASSIC coniuga forme tradizionali
e innovazione tecnologica. È particolarmente
adatto all'illuminazione di centri storici
e di tutti i percorsi e gli spazi urbani
con un lungo passato.

CLASSIC combines traditional shapes with
technological innovation. It is particularly
suitable for lighting historical centres and all
the pathways and urban spaces with a
long past.

Classic

220 240V | 50 60Hz | CL II | IP66 | IK08 | ta -30°C +50°C

CE ROHS NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1540 - 13840 lm

Potenza apparecchio / Fitting power:
26,5 - 103,5 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 4

Illuminazione intelligente / Smart lighting:
mezzanotte virtuale. Su richiesta DALI, CLO, PLC, telegestione wireless / virtual midnight. On request DALI, CLO, PLC, wireless telemanagement

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 3000 K
- 4000 K

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Copertura / Upper dome:
tornitura di lastra di alluminio
aluminium plate turning

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR



CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
11 kg

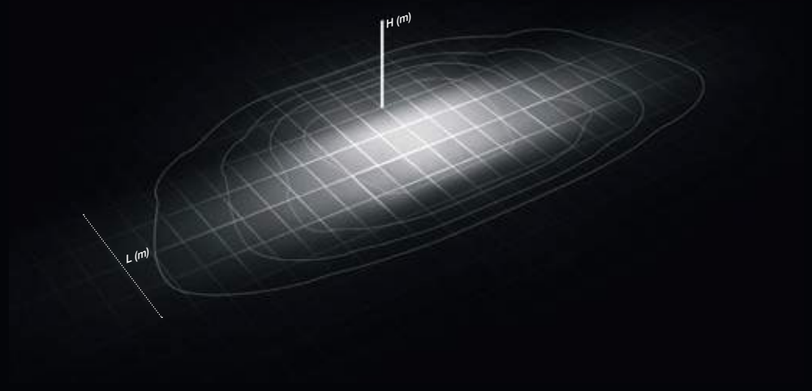
Alimentazione elettronica / Electronic power supply:
inclusa / included

Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

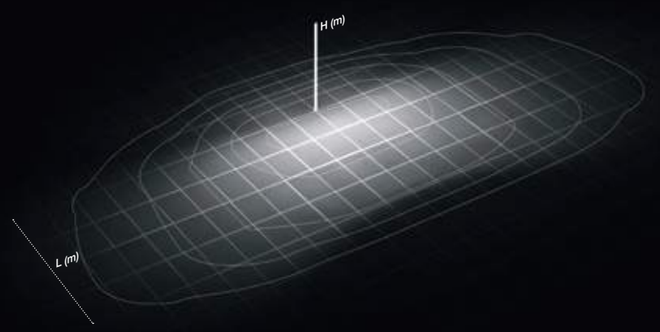
Installazione / Installation:
sospensione braccio, parete / arm suspension, wall

OTTICHE / OPTICS

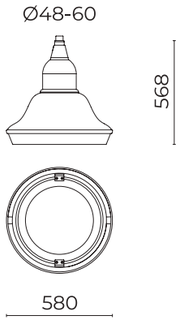
ME-01 Medium Street
L / H = 1



LA-01 Wide Street
L / H = 1,25



Classic
Sospensione braccio / Arm suspension





DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
con accessori su bracci 1"1/2 GAS, 3/4" GAS; su bracci
Ø 48 - 60 mm per pali Ø 102 mm / with accessories on arms
1"1/2 GAS, 3/4" GAS; on arms Ø 48 - 60 mm for poles Ø 102 mm

ACCESSORI / ACCESSORIES

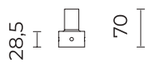
01AK907C0
L16 - Kit sospensione maschio
Male suspension kit

1"½ GAS

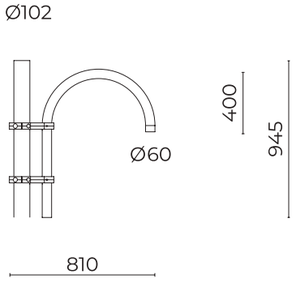


01AK914C0
L17 - Kit sospensione maschio
Male suspension kit

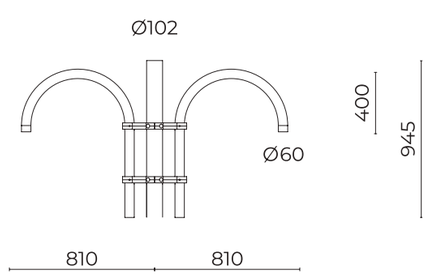
3/4" GAS



01AK935C0
B15 - Braccio pastorale per pali
Curved arm for poles



01AK936C0
B16 - Braccio pastorale doppio per pali
Double curved arm for poles

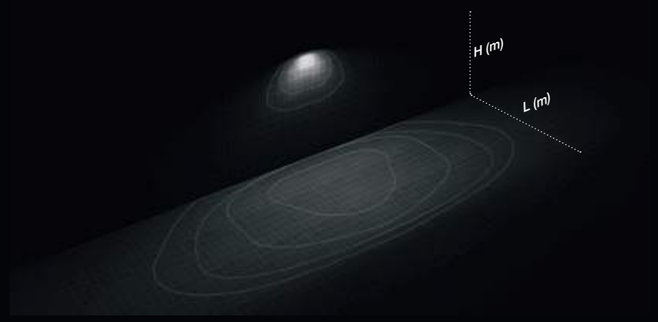


OTTICHE / OPTICS

ME-01 Medium Street
L / H = 1

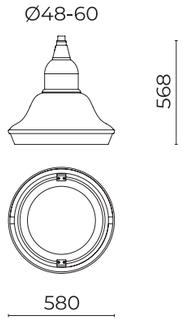


LA-01 Wide Street
L / H = 1,25



LAMP CONCEPT
Cariboni Group

Classic
Parete / Wall





DATI TECNICI / TECHNICAL DATA

Installazione / Installations:
parete / wall-mounted

ACCESSORI / ACCESSORIES

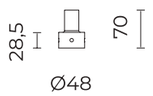
01AK907C0
L16 - Kit sospensione maschio
Male suspension kit

1"½ GAS

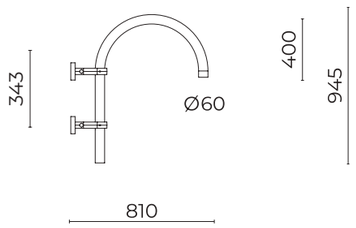


01AK914C0
L17 - Kit sospensione maschio
Male suspension kit

3/4" GAS



01AK950C0
B15-P - Braccio pastorale a parete
Curved arm for wall



BUCHAREST
Romania





SAN FELICE CIRCEO
Italy



MÂT
BALANCIER



MÂT BALANCIER è un originale sistema d’arredo urbano disegnato dall’architetto e lighting designer François Migeon.

MÂT BALANCIER is an original urban lighting system designed by the architect and lighting designer François Migeon.

SAVONA
Italy

Mât Balancier

220 240V | 50 60Hz | CL II | IP66 | IK06 | ta -30°C +50°C | CE | ROHS | NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1785 - 13230 lm

Potenza apparecchio / Fitting power:
13,5 - 103,5 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 4

Illuminazione intelligente / Smart Lighting:
mezzanotte virtuale. Su richiesta ZHAGA, DALI, CLO, PLC, telegestione wireless
virtual midnight. On request ZHAGA, DALI, CLO, PLC, wireless telemanagement

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Palo / Pole:
in acciaio a sezione circolare / round steel pole

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- SABLÉ 100 NOIR

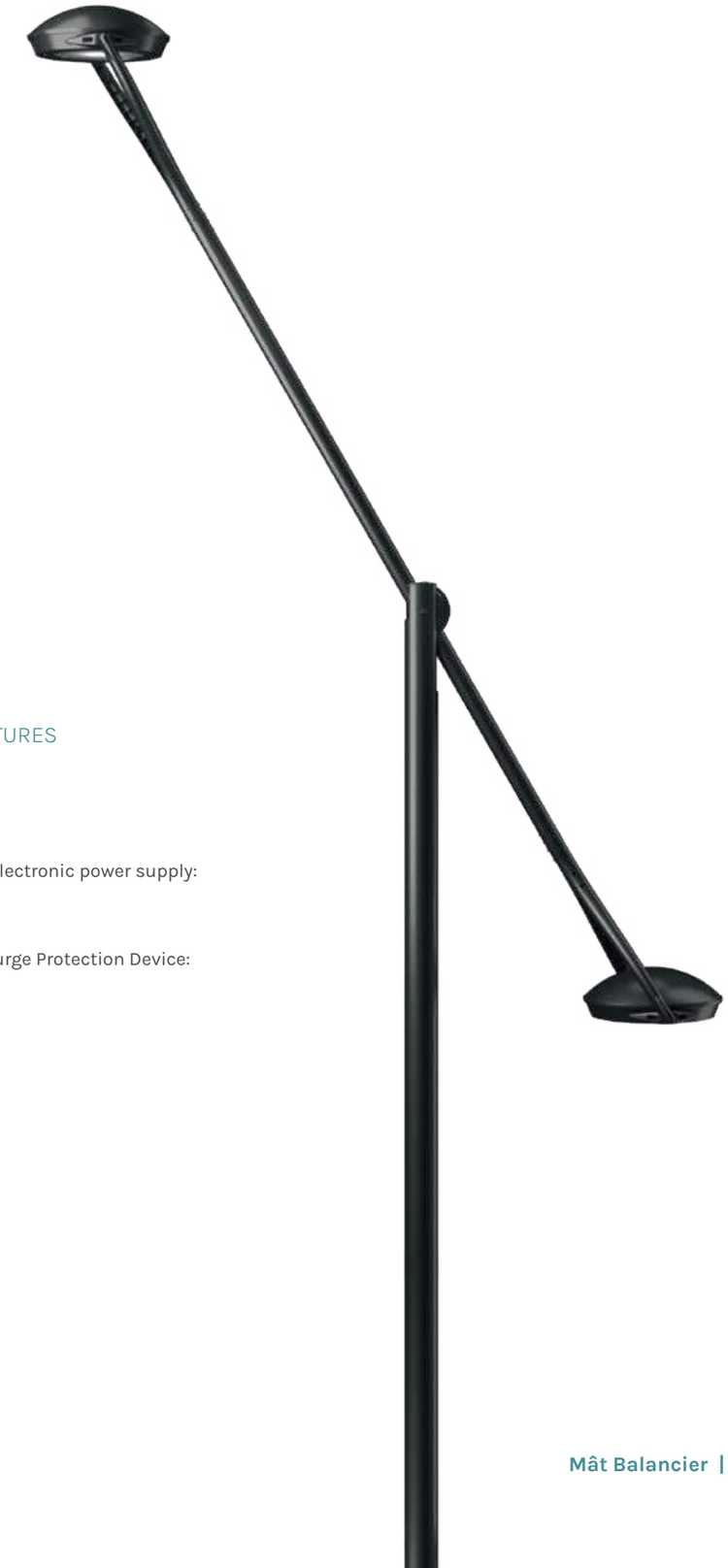
CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
140 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

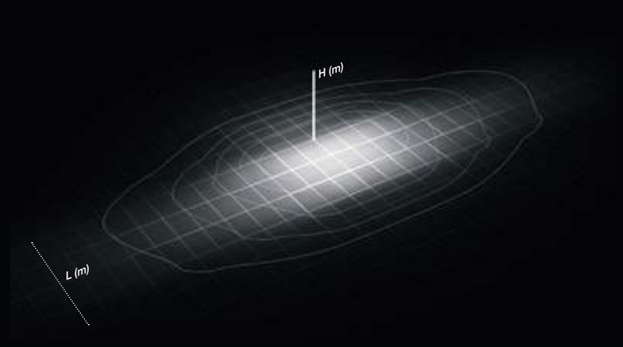
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Installazione / Installation:
lato palo / pole side

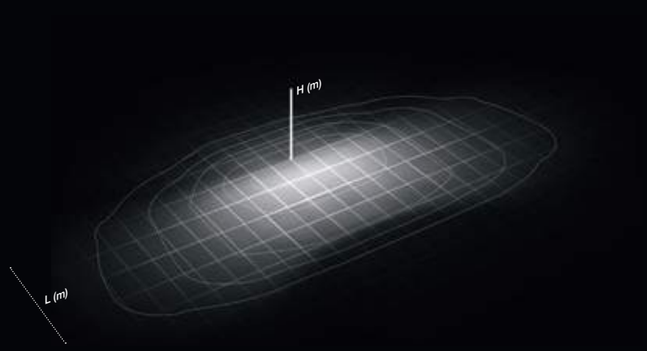


OTTICHE / OPTICS

ST-01 Narrow Street
L / H = 0,75

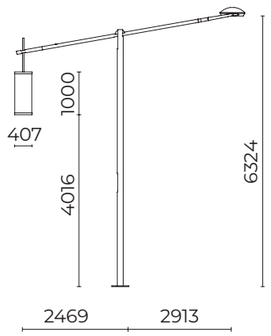


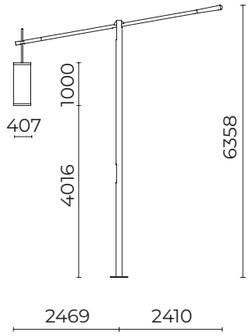
LA-01 Wide Street
L / H = 1,25

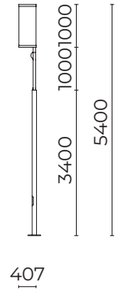


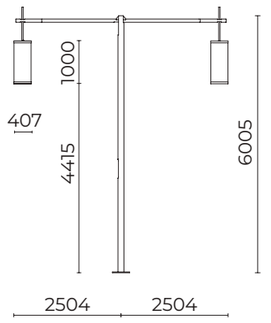
LAMP CONCEPT
Cariboni Group

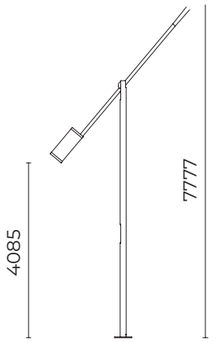
Mât Balancier
Lato palo / Pole side

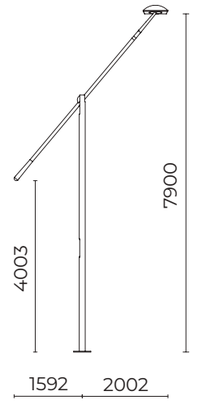


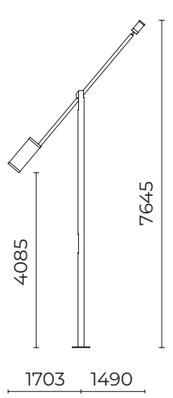


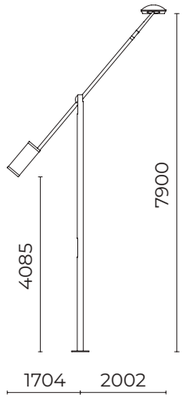


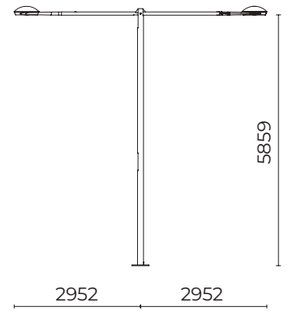












KOINÈ



Gamma di armature stradali particolarmente efficiente, adatta per l’illuminazione di grandi aree, percorsi pedonali, strade urbane ed extra-urbane.

Range of highly performing street lighting, suitable for lighting of wide area, pathways, urban and extra-urban streets.

220 240V | 50 60Hz | CL II | IP66 | IK09 | ta -30°C +50°C | CE | ROHS | 03 | NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1355 (1800 K) - 23180 lm

Potenza apparecchio / Fitting power:
12 - 155 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
mezzanotte virtuale, ZHAGA. Su richiesta DALI, CLO, telegestione wireless / virtual midnight and ZHAGA. On request DALI, CLO, wireless telemanagement

TEMPERATURA COLORE COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K

ECO-CENTRIC LIGHTING (ECL)

(ONLY FOR STREET OPTICS)

BLUE FREE LIGHT:
PC-AMBER 0,7% ∑R (λ <500NM) _ CRI 40
1800 K 4,3% ∑R (λ <500NM) _ CRI 70

SWITCHABLE WHITE LIGHT:
1800K / 3000K

COLORI / COLOURS

- RAL9006



MATERIALI / MATERIALS

Corpo e codolo / Body and fastening part:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
3.2 kg (x-small), 4.2 (small), 6.2 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa / included

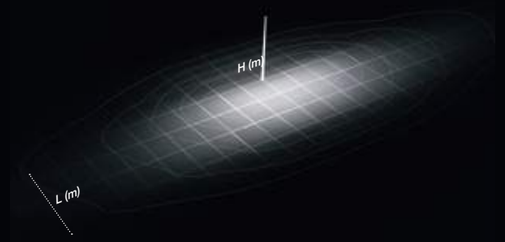
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Accesso vano cablaggio / Wiring compartment opening:
senza utensili / without tools

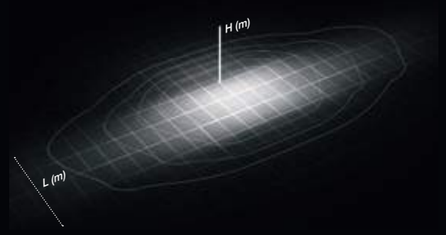
Installazione / Installation:
palo, braccio / pole, arm

OTTICHE / OPTICS

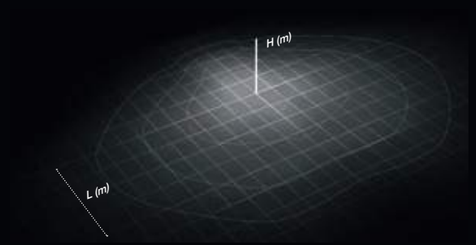
LT-C1 Cycle Path
L / H = 0,5



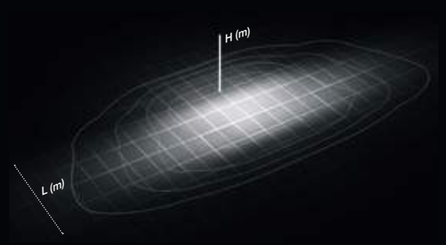
ST-02 Narrow Street ECL
L / H = 0,75



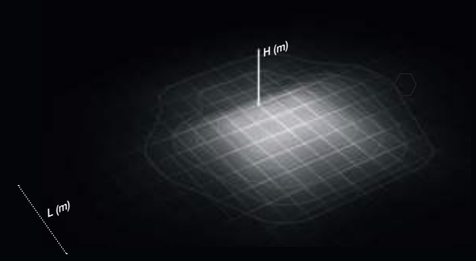
PB-01 Low Pole
L / H = 2



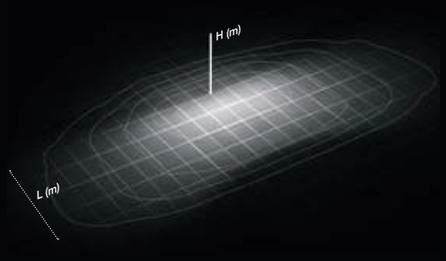
ME-05 Medium Street ECL
L / H = 1



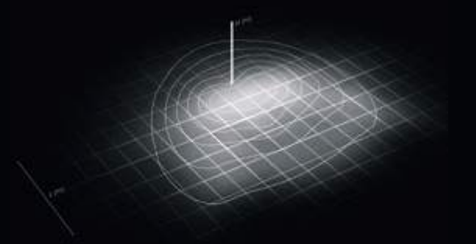
LT-63 Asymmetric Beam
L / H = 2



LA-03 Wide Street ECL
L / H = 1,25



LT-64 Asymmetric Beam with backlight ECL
L/H = 2



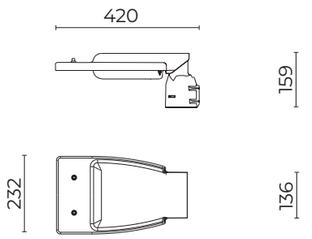
Koinè
Palo / Pole

DATI TECNICI / TECHNICAL DATA

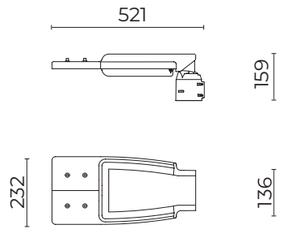
Installazione / Installation:
pali Ø 46 - 60 - 76 mm
poles Ø 46 - 60 - 76 mm

Inclinazione / Inclination:
0° ÷ 90° (con passo 5°)
0° ÷ 90° (step 5°)

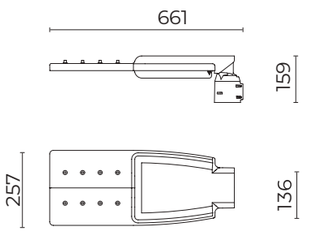
X-SMALL



SMALL

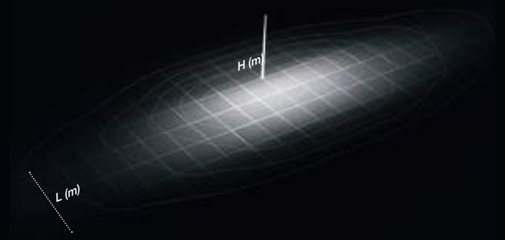


MEDIUM

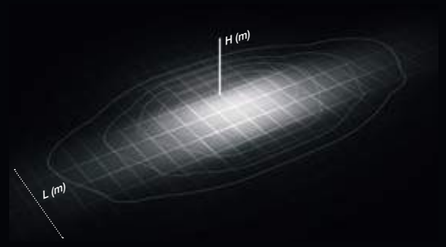


OTTICHE / OPTICS

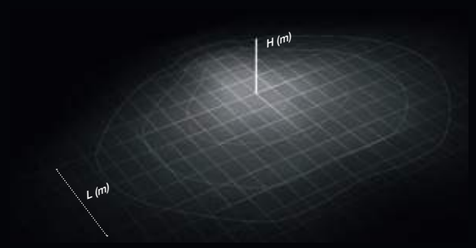
LT-C1 Cycle Path
L / H = 0,5



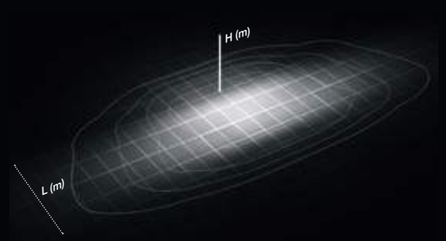
ST-02 Narrow Street ECL
L / H = 0,75



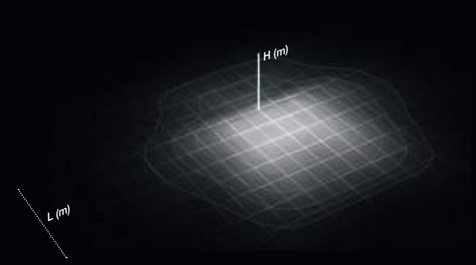
PB-01 Low Pole
L / H = 2



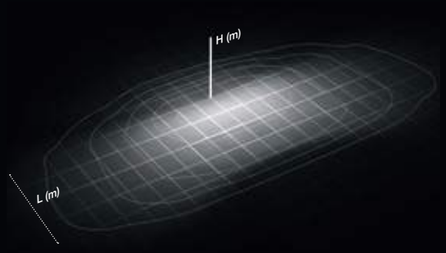
ME-05 Medium Street ECL
L / H = 1



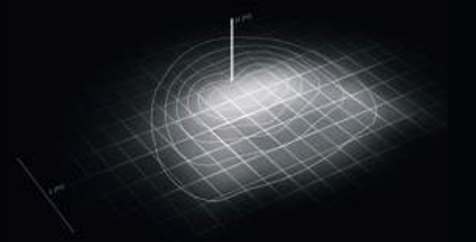
LT-63 Asymmetric Beam
L / H = 2



LA-03 Wide Street ECL
L / H = 1,25



LT-64 Asymmetric Beam with backlight ECL
L/H = 2



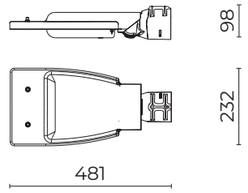
Koinè
Braccio - Parete / Arm - Wall

DATI TECNICI / TECHNICAL DATA

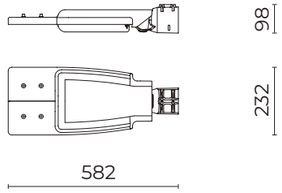
Installazione / Installation:
bracci Ø 46 - 60 - 76 mm
arms Ø 46 - 60 - 76 mm

Inclinazione / Inclination:
0° ÷ -90° (con passo 5°)
0° ÷ -90° (step 5°)

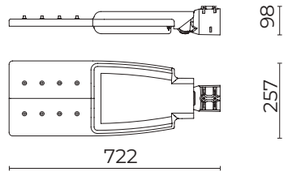
X-SMALL



SMALL

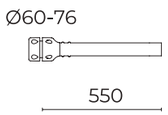


MEDIUM

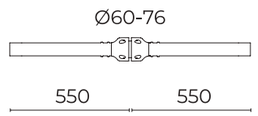


BRACCI / ARMS

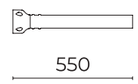
01AK921A0 - RAL9006
B1 - Braccio per pali
Arm for poles



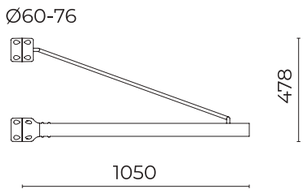
01AK922A0 - RAL9006
B2 - Braccio doppio per pali
Double arm for poles



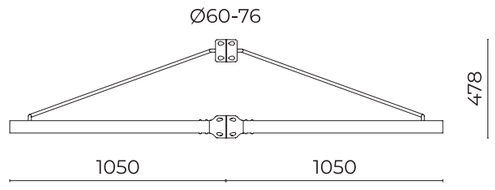
01AK951A0 - RAL9006
B1-P - Braccio parete
Arm for wall



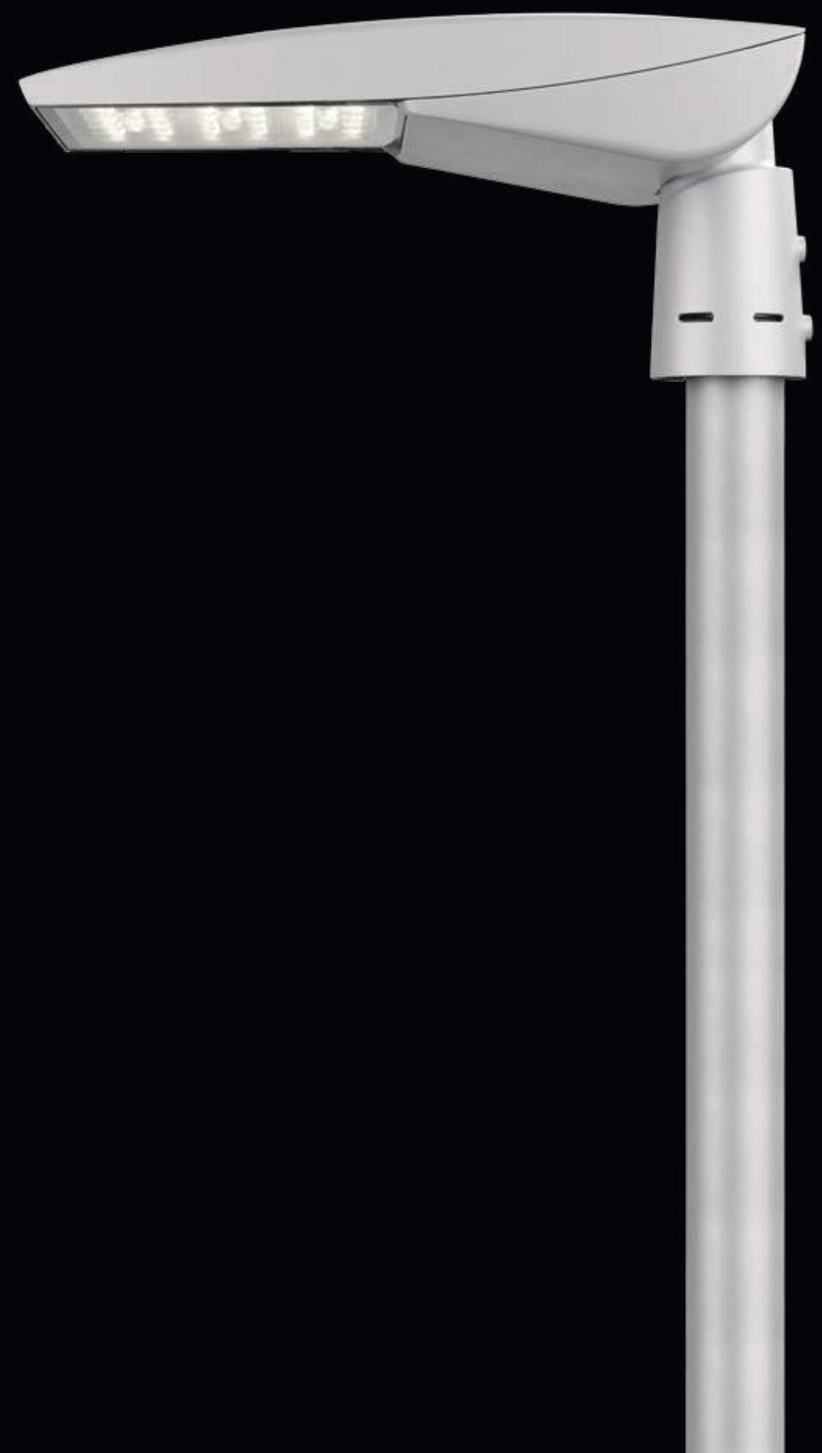
01AK969A0 - RAL9006
B74 - Braccio con tirante per pali
Arm with tensioning rod for poles



01AK968A0 - RAL9006
B59 - Braccio doppio con tirante per pali
Double arm with tensioning rod for poles



KAI



Gamma di armature stradali altamente performante sia in termini di qualità della distribuzione luminosa che di efficienza energetica.

Range of highly performing street lighting both in terms of quality of light distribution and energy efficiency.

Kai

220 240V | 50 60Hz | CL II | IP66 | IK08 | ta -30°C +50°C | CE | ROHS | 03 | NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1885 - 20830 lm

Potenza apparecchio / Fitting power:
13,5 - 154 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 4

Illuminazione intelligente / Smart lighting:
mezzanotte virtuale. Su richiesta ZHAGA, DALI, CLO, PLC, telegestione wireless / virtual midnight. On request ZHAGA, DALI, CLO, PLC, wireless telemanagement

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 3000 K
- 4000 K



MATERIALI / MATERIALS

Corpo e codolo / Body and fastening part:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- RAL9006

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
6,5 kg (small), 7,5 kg (small x), 11 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa / included

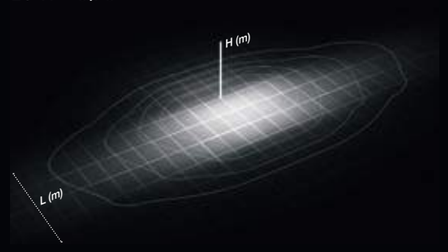
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Apertura vano cablaggio / Wiring compartment opening:
senza utensili / without tools

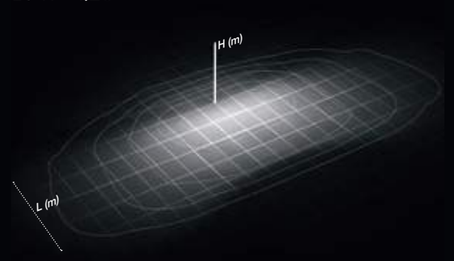
Installazione / Installation:
palo, braccio / pole, arm

OTTICHE / OPTICS

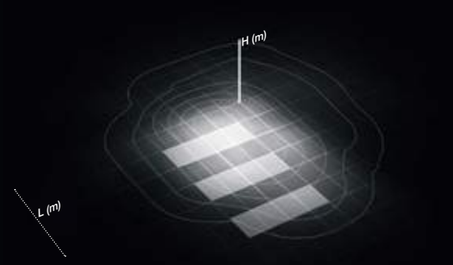
ST-01 Narrow Street
L / H = 0,75



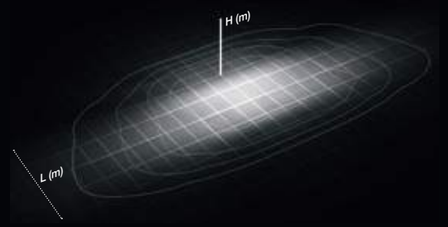
LA-01 Wide Street
L / H = 1,25



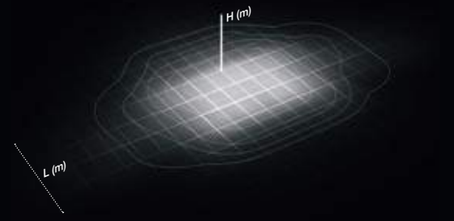
AP-01 DX Pedestrian Crossing



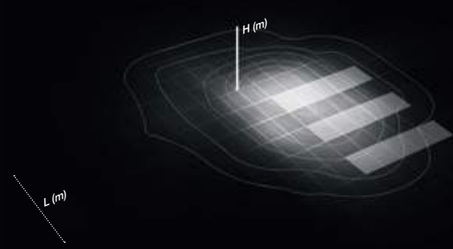
ME-01 Medium Street
L / H = 1



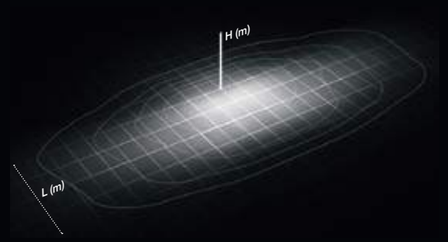
LT-05 Asymmetric Beam
L / H = 1,5



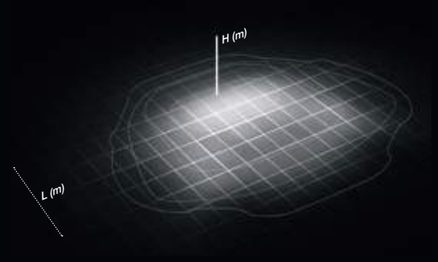
AP-01 SX Pedestrian Crossing



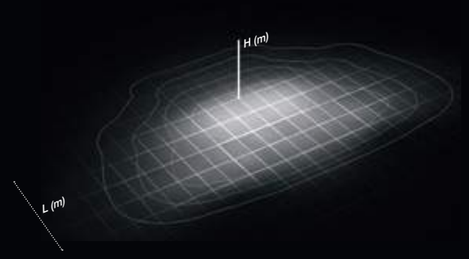
ME-02 Medium Street
L / H = 1,1



LT-06 Asymmetric Beam
L / H = 2



MB-01 Wet Road



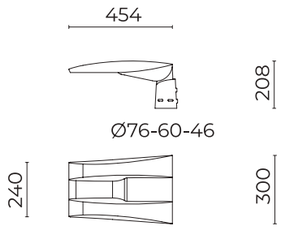
Kai
Palo / Pole

DATI TECNICI / TECHNICAL DATA

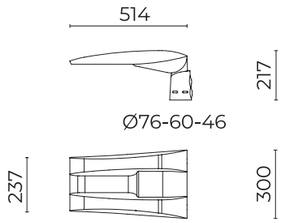
Installazione / Installation:
pali Ø 46 - 60 - 76 mm
poles Ø 46 - 60 - 76 mm

Inclinazione / Inclination:
0° ÷ 20° (con passo 5°)
0° ÷ 20° (step 5°)

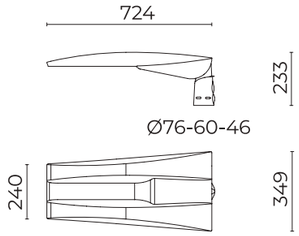
SMALL



SMALL X



MEDIUM



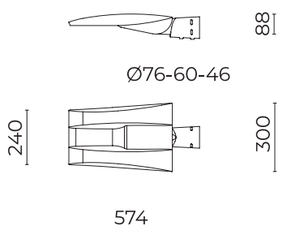
Kai
Braccio, Parete / Arm, Wall

DATI TECNICI / TECHNICAL DATA

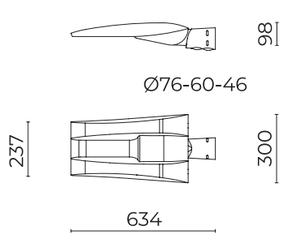
Installazione / Installation:
bracci Ø 46 - 60 - 76 mm
arms Ø 46 - 60 - 76 mm

Inclinazione / Inclination:
0° ÷ -20° (con passo 5°)
0° ÷ -20° (step 5°)

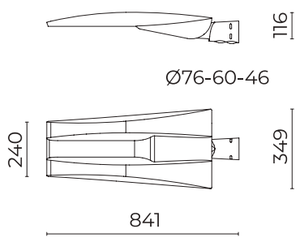
SMALL



SMALL X



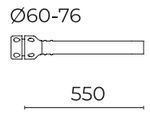
MEDIUM



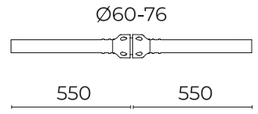
Kai
Braccio, Parete / Arm, Wall

BRACCI / ARMS

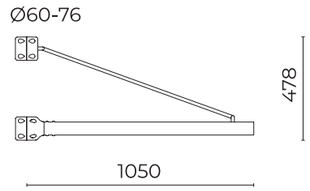
01AK921A0 - RAL 9006
B1 - Braccio per pali
Arm for poles



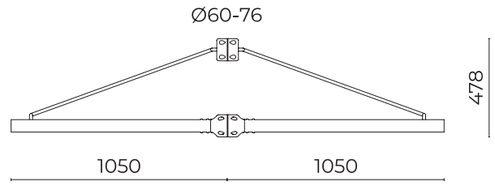
01AK922A0 - RAL 9006
B2 - Braccio doppio per pali
Double arm for poles



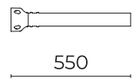
01AK969A0 - RAL 9006
B74 - Braccio con tirante per pali
Arm with tensioning rod for poles



01AK968A0 - RAL 9006
B59 - Braccio doppio con tirante per pali / Double arm with tensioning rod for poles



01AK951A0 - RAL 9006
B1-P - Braccio parete
Arm for wall



KAIROS



Gamma di armature stradali particolarmente performanti, adatta per l’illuminazione di spazi, percorsi urbani ed extra urbani.

Range of highly performing street lighting, suitable for lighting of spaces, urban and extra-urban streets.

Kairos

220 240V | 50 60Hz | CL II | IP66 | IK08 | ta -30°C +50°C | CE | ROHS | 03 | NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1520 - 29000 lm

Potenza apparecchio / Fitting power:
12 - 210 W

Indice di resa cromatica / Colour Rendering Index:
CRI ≥ 70, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
mezzanotte virtuale. Su richiesta ZHAGA, DALI, CLO, PLC, telegestione wireless / virtual midnight. On request ZHAGA, DALI, CLO, PLC, wireless telemanagement

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2700 K
- 3000 K
- 4000 K



MATERIALI / MATERIALS

Corpo e codolo / Body and fastening part:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
high-transparency PMMA lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

- RAL9006

CARATTERISTICHE / FEATURES

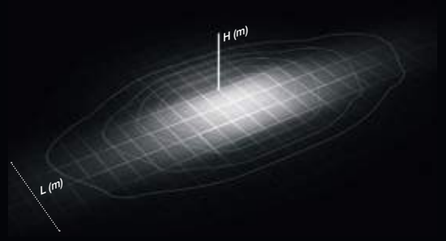
Peso massimo / Max weight:
6,5 kg (small), 8,5 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa / included

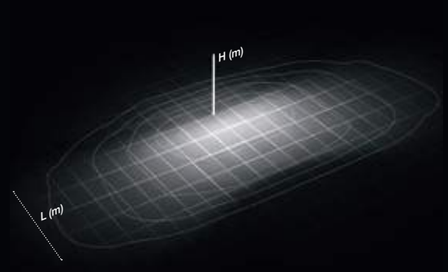
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Installazione / Installation:
palo, braccio / pole, arm

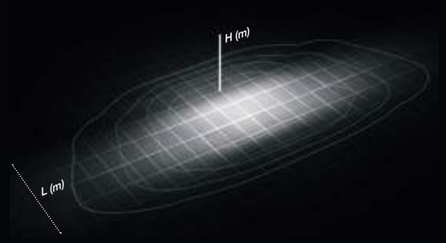
ST-02 Narrow Street
L / H = 0,75



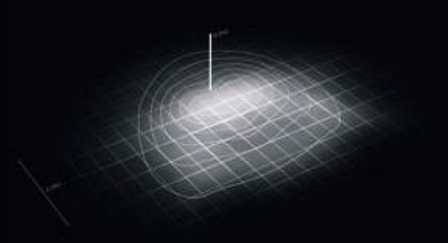
LA-03 Wide Street
L / H = 1,25



ME-05 Medium Street
L / H = 1



LT-64 Asymmetric Beam with backlight
L/H = 2



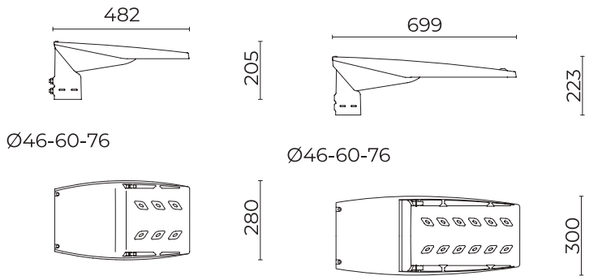
Kairos
Palo - Braccio / Pole - Arm

DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
pali Ø 46 - 60 - 76 mm
poles Ø 46 - 60 - 76 mm

Inclinazione / Inclination:
0° ÷ 20° (con passo 5°)
0° ÷ 20° (step 5°)

SMALL

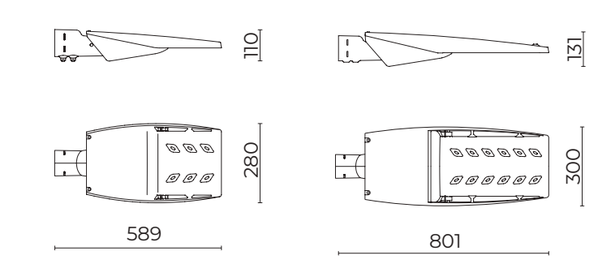


MEDIUM

Braccio Parete / Arm wall

Inclinazione / Inclination:
0° ÷ 20° (con passo 5°)
0° ÷ 20° (step 5°)

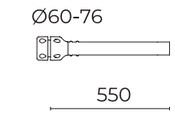
SMALL



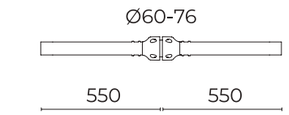
MEDIUM

BRACCI / ARMS

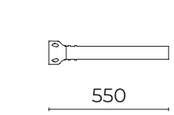
01AK921A0 - RAL9006
B1 - Braccio per pali
Arm for poles



01AK922A0 - RAL9006
B2 - Braccio doppio per pali
Double arm for poles



01AK951A0 - RAL9006
B1-P - Braccio parete
Arm for wall



NEWTON 2.0



NEWTON 2.0 é una gamma completa di proiettori altamente performanti. Disponibile in quattro taglie x-small, small, medium e large, il sistema offre un range di flussi ed una combinazione di ottiche che lo rende adatto per l'illuminazione di impianti sportivi, grandi aree esterne ed aree perimetrali.

NEWTON 2.0 is a complete range of high-performance floodlights. Available in four sizes x-small, small, medium e large, the system offers a range of fluxes and a combination of optics that makes it suitable for lighting sports facilities, large outdoor areas and perimeter areas.



MILAN
Italy

GENOA
Italy



220-240V | 50 60Hz | CL II | CL I* | IP66 | IK09 | ta -30°C +50°C

(*) Le versioni large alla massima potenza sono disponibili in CL I
Large versions at maximum power are in CL I

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1670 - 64050 lm

Potenza apparecchio / Fitting power:
12 - 498 W

Indice di resa cromatica / Colour Rendering Index:
≥ 70, SDCM ≤ 3

Illuminazione intelligente / Smart lighting:
mezzanotte virtuale, DALI e opzione emergenza (standard nella versione large). Su richiesta DALI (versioni x-small, small e medium), ZHAGA, CLO / virtual midnight, DALI and emergency options (standard large version). On request DALI (x-small, small e medium versions), ZHAGA, CLO

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K



MATERIALI / MATERIALS

Corpo e sistemi di fissaggio / Body and fitting system:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

Schermo / Screen:
vetro piano temprato / tempered flat glass

Gruppo ottico / Optical unit:
lenti PMMA ad alta trasparenza
PMMA high transparent lenses

Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

Sistema di fissaggio / Fastening system:
staffa orientabile in acciaio verniciato (x-small, small, medium), staffa in acciaio INOX AISI 304 (large)
painted steel adjustable bracket (x-small, small, medium), stainless steel AISI 304 bracket (large)

COLORE / COLOUR

- RAL9006

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
4 kg (x-small), 6,8 kg (small), 9,8 kg (medium), 14 kg (large)

Alimentazione elettronica / Electronic power supply:
inclusa, disponibili versioni large con cablaggio remoto
included, available large version with remote driver

Predisposizione valvola GORE® nelle versioni large per regolare la pressione interna in ambienti ostili / Predisposition to GORE® valve in large versions to regulate internal pressure in hostile environments

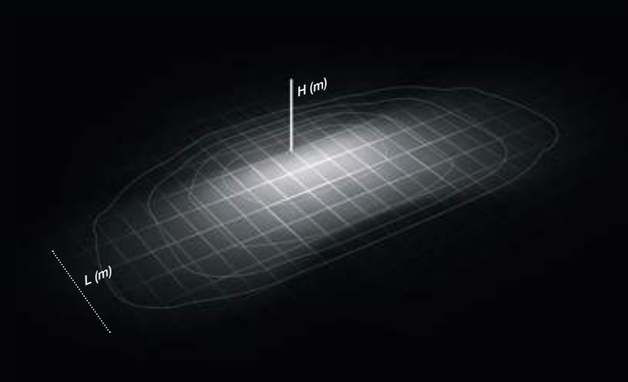
Installazione / Installation:
parete, soffitto, palo / wall, ceiling, pole
predisposizione entra-esci / predisposition IN-OUT

Orientabilità / Adjustability:
-90° ÷ +90° in regolazione continua / -90° ÷ +90° continuously

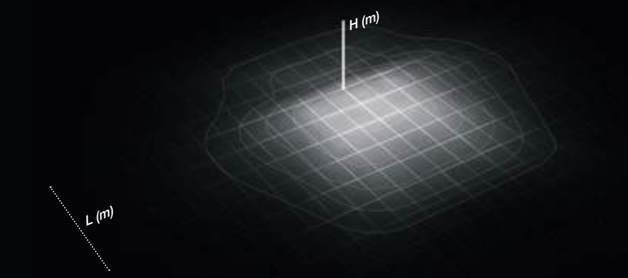
Resistenza alle pallonate / Safety against ball throwing:
le varianti Newton 2.0 medium e large hanno superato il test di resistenza alle pallonate secondo la Norma DIN 18032-3 / the Newton 2.0 medium and large variants have passed the ball throwing test according to DIN 18032-3

OTTICHE / OPTICS

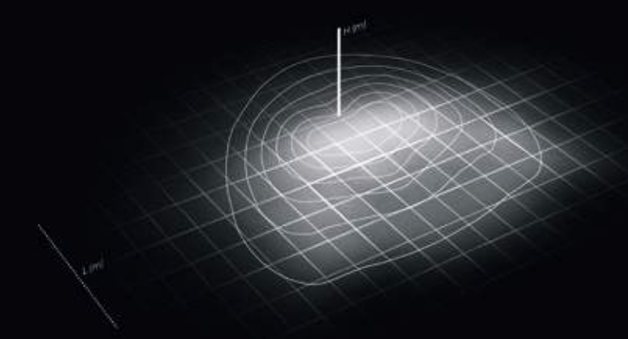
LA-03 Wide street
L / H = 1,25



LT-63 Asymmetric beam
L / H = 2



LT-64 Asymmetric beam with backlight
L / H = 2



Newton 2.0

Newton 2.0
x-small



Newton 2.0
small



Newton 2.0
medium



Newton 2.0
large



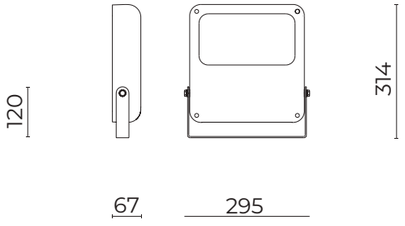
Newton 2.0
parete, soffitto, palo / wall, ceiling, pole

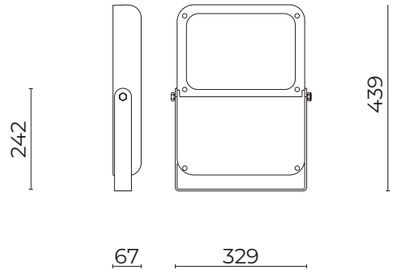


XSMALL



SMALL





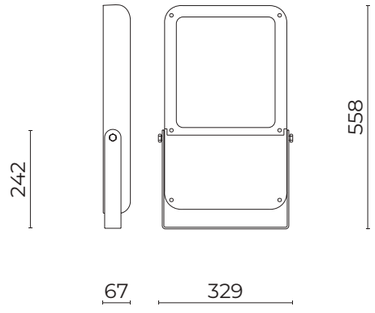
Newton 2.0
parete, soffitto, palo / wall, ceiling, pole

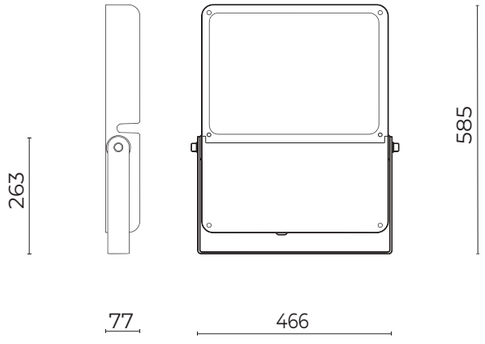


MEDIUM



LARGE





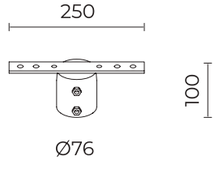
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
parete, soffitto, palo / wall, ceiling, pole

Orientabilità / Orientability:
staffa orientabile in regolazione continua -90° ÷ + 90°
continuously adjustable bracket -90° ÷ + 90°

ACCESSORI / ACCESSORIES

06NW902C0
L14 - Kit testa palo per pali
Post top kit for poles
(Newton 2.0 small e medium)



Notes

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