

# N4

**Cariboni**  
group

# N4

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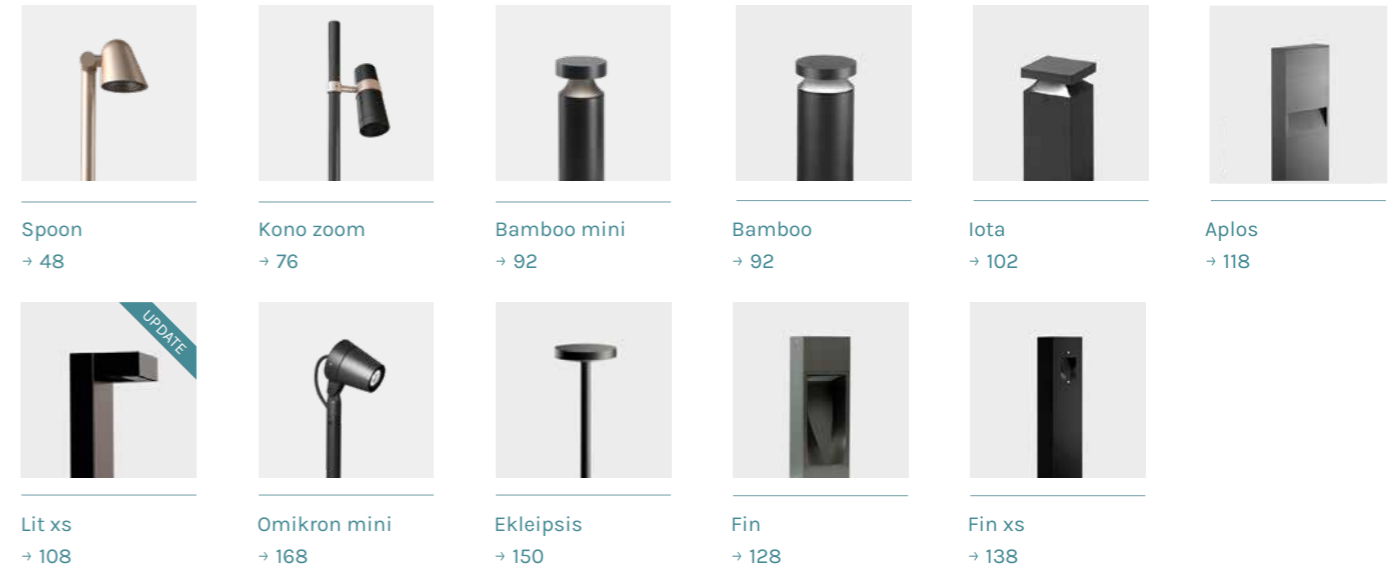
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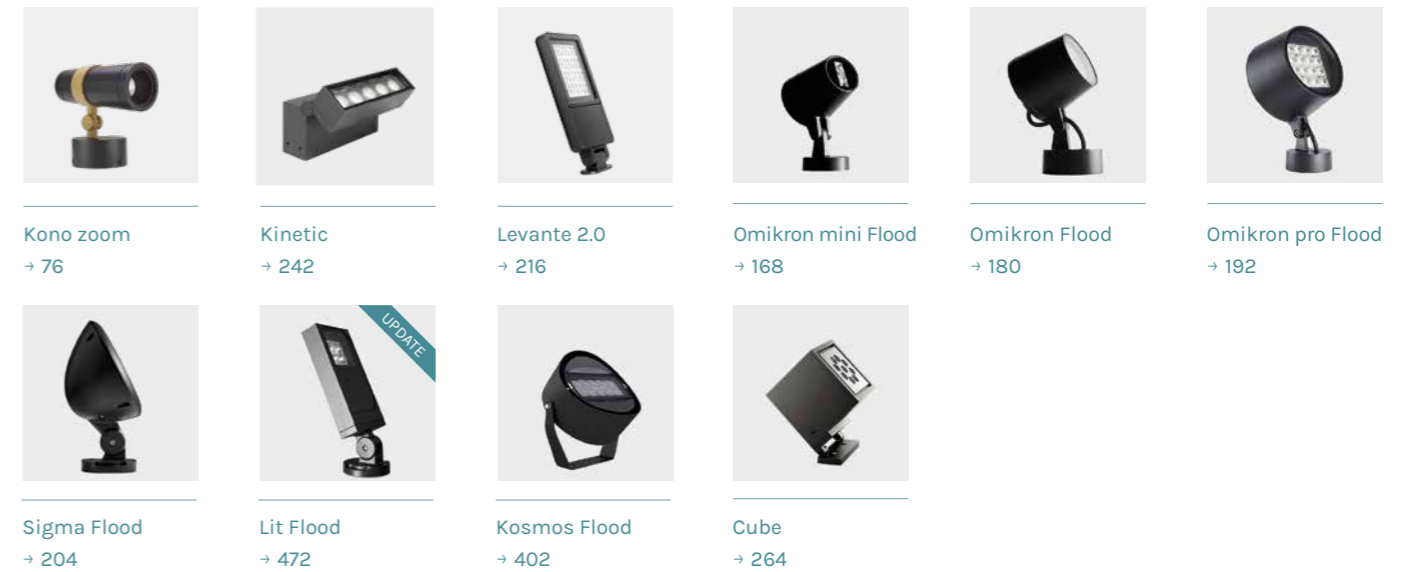
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## Bollard



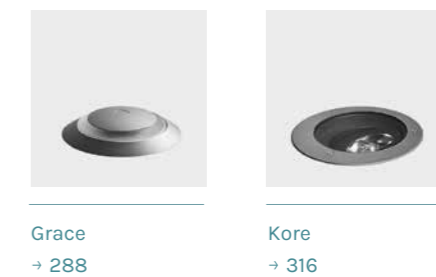
## Architectural floodlight



## Walk Over Recessed



## Drive Over Recessed



## Ground



Bamboo mini  
→ 92



Bamboo  
→ 92



Chara  
→ 276



Grace  
→ 288

## Wall



Anesi  
→ 254



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Bamboo  
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Trail  
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Levante  
→ 216

## Wall Recessed



Aplos  
→ 118



Chara  
→ 276



Fin  
→ 128



Fin xs  
→ 138

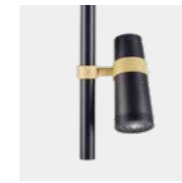


Trail  
→ 296

## Ceiling



Anesi  
→ 254



Kono Zoom  
→ 76



Kinetic  
→ 242



Ekleipsis  
→ 150



Trail  
→ 296



Cube  
→ 264

## Ceiling Recessed



Chara  
→ 276



Kore  
→ 316



Ekleipsis  
→ 150



Trail  
→ 296

## Post Top



Spoon  
→ 48



Kalos 2.0  
→ 378



Poli  
→ 386



Dual  
→ 394



Ekleipsis Pole  
→ 150



Kosmos  
→ 402



Agathos  
→ 430

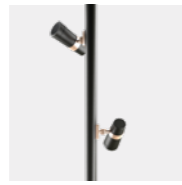
## Pole Side



Dasos  
→ 454



Spoon  
→ 48



Kono zoom  
→ 76



Levante 2.0 Poles  
→ 216



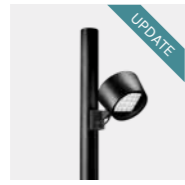
Levante 2.0 Brackets  
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Omikron mini Pole  
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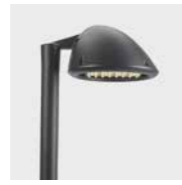
Omikron Pole  
→ 180



Omikron pro Pole  
→ 192



Sigma Pole  
→ 204



Sigma Street  
→ 498



Volta  
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Themelio  
→ 532



Lit System  
→ 472



Lit Poles  
→ 472



Lit Bracket and poles  
→ 472



Kosmos  
→ 402



Nodea  
→ 550



Orao  
→ 556



Agathos  
→ 430

## String Suspension



Levante 2.0  
→ 216



Volta  
→ 508



Themelio  
→ 532

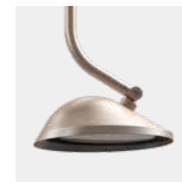


Kosmos  
→ 402



Orao  
→ 556

## Ceiling Suspension



Spoon  
→ 48



Volta  
→ 508



Themelio  
→ 532



Kosmos  
→ 402



Orao  
→ 556



Agathos  
→ 430

## Street



Kyros  
→ 568



Koiné  
→ 576



Kairos  
→ 584

## Sport, entertainment and large areas floodlights



Newton 2.0  
→ 590



Theama  
→ 600

## Associations



Associazione Italiana di Illuminazione.  
Italian Lighting Association.



**FEDERLEGNOARREDO**

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

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



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

Consortium for collection and waste of lighting equipments.



**APIL**  
Associazione Professionisti dell'Illuminazione

Associazione Professionisti dell'illuminazione.

Association of Lighting Professionals.



UNI Ente Nazionale Italiano di normazione.

UNI Italian National Standardization Authority.



Associazione nazionale italiana dei produttori di illuminazione.

Italian National Association of Lighting Manufacturers.



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

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



**CONFINDUSTRIA**

Confederazione generale dell'industria italiana.

General Confederation of Italian Industry



Organizzazione internazionale contro l'inquinamento luminoso esterno.

International organisation against outdoor light pollution.



Comitato spagnolo per l'illuminazione.

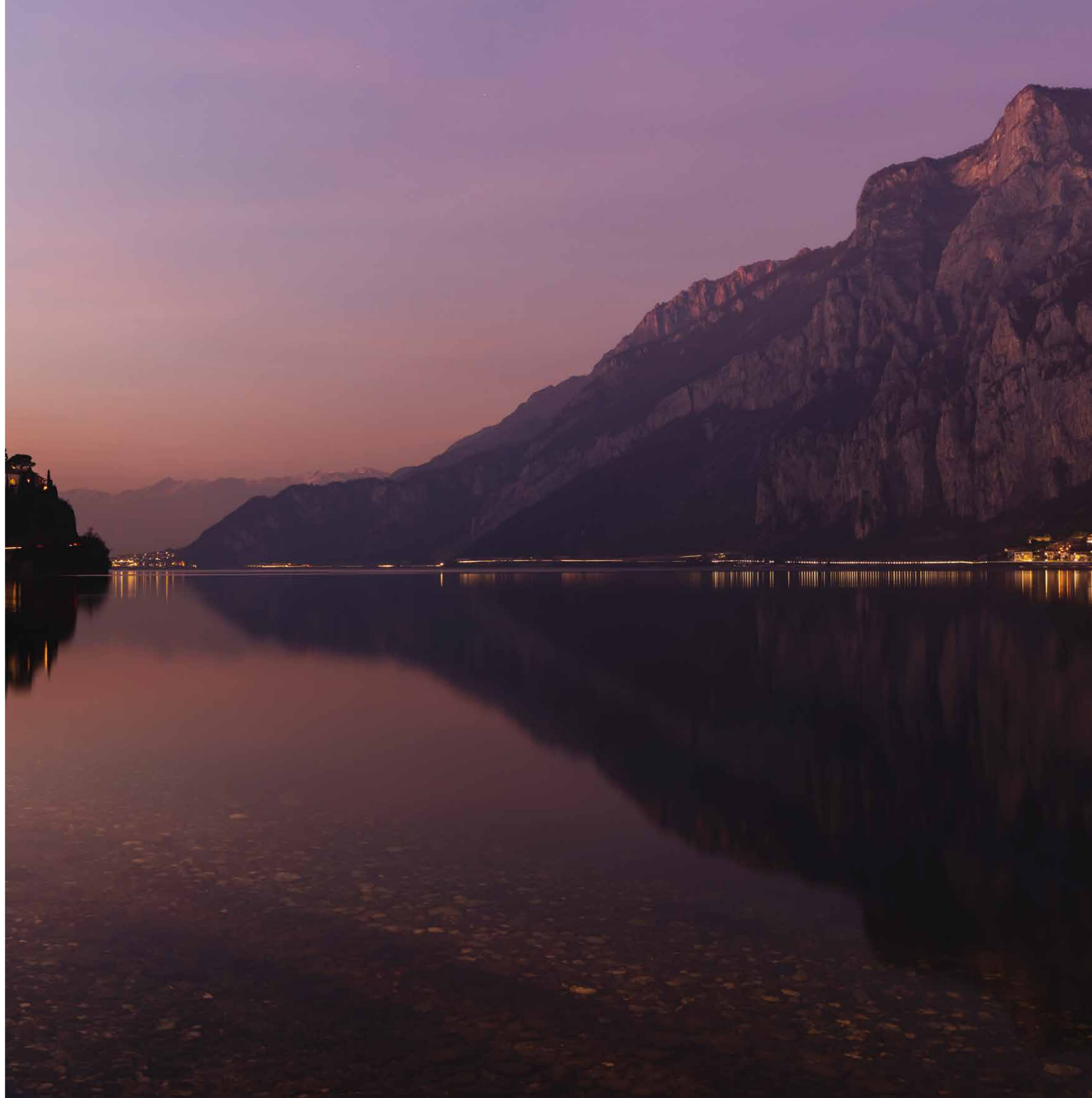
Spanish Committee for Lighting.

# CARIBONI GROUP

Cariboni Group nasce nel 1908 a Colico, sulle sponde del Lago di Como, quando Osvaldo Cariboni trasforma l'officina paterna in un'impresa che si distingue fin da subito per qualità e innovazione. Oggi, con sede sempre in Italia, ripensiamo l'illuminazione degli spazi esterni seguendo un approccio guidato dal design. La nostra passione per la luce dà forma a soluzioni che aiutano i progettisti a valorizzare i luoghi della collettività, prendendosi cura di chi li vive.

Cariboni Group was founded in 1908 in Colico, on the shores of Lake Como, when Osvaldo Cariboni transformed his father's repair shop into a company that immediately stood out for quality and innovation. Today, still based in Italy, we rethink outdoor lighting with an approach guided by design. Our passion for light shapes solutions that help designers enhance community spaces while caring for the people who experience them.

■ Making in Italy since 1908



# LIGHT LOVES LIFE

## Responsible Outdoor Lighting

Durante la notte, la luce è molto più  
che assenza di buio:  
è emozione, equilibrio e vita.

L'illuminazione responsabile degli spazi esterni  
modella il paesaggio notturno, favorisce il benessere  
e protegge la natura.

At night, light is far more than  
the absence of darkness:  
it is emotion, balance, and life.

Responsible outdoor lighting shapes  
the nightscape, enhances well-being,  
and protects nature.

# BEAUTY

## Shaping Night

La luce è un linguaggio che svela e valorizza l'identità  
dei luoghi. Grazie a un'illuminazione accuratamente  
controllata, bianca o colorata, i progettisti possono  
rendere i paesaggi urbani più attraenti, leggibili e  
distintivi.

I nostri sistemi di illuminazione aiutano a dare forma  
alla bellezza notturna.

Light is a language that reveals and enhances the  
identity of places.

Through carefully controlled white or colored  
illumination, designers can make urban landscapes  
more attractive, legible, and distinctive.

Our lighting systems help shape nocturnal beauty.

# HUMANS

## Caring People

La luce è fondamentale per le persone e per i legami che le connettono. Rendendo gli spazi urbani sicuri, confortevoli e accoglienti, l'illuminazione può trasformare un luogo in una destinazione: uno spazio dove le persone si sentono invitate a fermarsi, incontrarsi e sentirsi parte della comunità.

Le nostre lampade sono strumenti per alimentare la vita collettiva.

Light is essential for people and the connections that bring them together. By making urban spaces safe, comfortable, and welcoming, lighting can transform a place into a destination: a space where people feel invited to pause, meet, and belong.

Our lamps are tools to nurture community life.



# DARKNESS

## Protecting Nature

Illuminare non significa cancellare il buio, ma plasmarlo con cura ed equilibrio. Le nostre lampade sono progettate per limitare l'inquinamento luminoso, proteggere la biodiversità e preservare il valore naturale della notte. Creiamo soluzioni che permettono alla luce di esistere in armonia con piante e animali.

We believe that light must respect the night. Lighting is not about erasing darkness, but shaping it with care and balance. Our luminaires are designed to limit light pollution, protect biodiversity, and preserve the natural value of the night. We create solutions that let light exist in harmony with plants and wildlife.



# MASTERING LIGHT

Dall'idea al prodotto finito, uniamo competenze tecniche, visione creativa e cura costante per la qualità. Ogni lampada riflette la nostra padronanza della luce, l'impegno per la durabilità e l'inconfondibile precisione del Made in Italy.

"From concept to finished product, we combine technical expertise, creative vision, and constant attention to quality. Each luminaire reflects our mastery of light, commitment to durability, and the unmistakable precision of Made in Italy."

## LIGHT- DRIVEN

### Born from Light

Ogni prodotto nasce dall'analisi dell'esigenza visiva da soddisfare e del contesto in cui verrà utilizzato. Modelliamo la luce per ottenere l'effetto desiderato, sviluppando sistemi ottici dedicati in collaborazione con Optics Lite, società del gruppo specializzata in sistemi ottici per industria e illuminotecnica dal 2004. Il prodotto segue il cuore ottico, trasformando la tecnologia in atmosfera.

Each product is born from the visual need it must fulfill and the context in which it will be experienced. We shape light to achieve the desired effect, developing dedicated optical systems in collaboration with Optics Lite, specialists in industrial and lighting optics since 2004. The product follows the optical core, transforming technology into atmosphere.



# FUTURE- PROOF

## Designed to Last

Progettiamo ogni lampada perché sappia resistere al tempo, continuare a illuminare e adattarsi ai cambiamenti intorno a sé.

La solidità meccanica ed elettrica la protegge anche negli scenari più ostili. La modularità le permette di rinascere, ritrovando nuova vita attraverso riparazioni e aggiornamenti.

E quando il suo ciclo si conclude, materiali riciclabili e componenti separabili le consentono di tornare alla materia in modo responsabile.

Una lampada che vive a lungo diventa custode della luce e del mondo che illumina.

We design each lamp to endure over time, continuing to illuminate and adapting to the changes around it. Mechanical and electrical robustness protects it even in the harshest conditions. Modularity allows it to be reborn, gaining new life through repairs and upgrades. And when its cycle comes to an end, recyclable materials and separable components enable it to return responsibly to the material world.

A long-lived lamp becomes a guardian of light and of the world it illuminates.



# ITALIAN STYLE

## Every Detail Counts

Tutte le nostre lampade nascono e vengono prodotte in Italia, in collaborazione con una fitta rete di imprese locali con cui condividiamo la cura per i dettagli e la passione per l'innovazione. Sperimentiamo tecnologie e processi in grado di trasformare le nostre competenze e la nostra lunga esperienza in prodotti che raccontano qualità, creatività e l'autentico Made in Italy.

All our lamps are designed and manufactured in Italy, in collaboration with a network of local companies who share our attention to detail and passion for innovation. We explore technologies and processes that transform our expertise and decades of experience into products that embody quality, creativity, and the authentic spirit of Made in Italy.

# ENDURING OUTDOOR FINISHES

## Surfaces shaped to protect

La qualità di una lampada si riconosce anche dalle superfici che la proteggono nel tempo. In Cariboni Group le finiture sono parte integrante del progetto: un equilibrio tra espressione estetica, prestazioni tecniche e affidabilità in ambiente esterno.

Tutti gli apparecchi per esterni Cariboni sono dotati di serie di un sistema di protezione superficiale conforme alla classe di corrosività C4, secondo le normative internazionali UNI EN ISO 9223 e UNI EN ISO 12944. Questa soluzione garantisce un'elevata resistenza in contesti urbani, periurbani ad alto inquinamento o aree costiere (entroterra entro 5 km). Le superfici metalliche sono trattate attraverso cicli di preparazione e verniciatura multistadio, progettati per assicurare adesione, stabilità cromatica e protezione nel tempo. La scelta delle leghe, la protezione delle minuterie e l'attenzione alle geometrie concorrono a preservare l'integrità delle superfici anche in condizioni di utilizzo continuo all'esterno.

Per installazioni in ambienti ad alta aggressività, come aree industriali ad elevato inquinamento o zone fronte mare, è possibile richiedere trattamenti speciali per il raggiungimento della classe di corrosività C5, in accordo con le stesse normative di riferimento. Queste soluzioni prevedono cicli protettivi dedicati e vengono valutate su richiesta, in funzione dello specifico prodotto e delle condizioni ambientali e applicative del progetto.

## FINITURE DISPONIBILI / AVAILABLE FINISHES



SABLÉ 100 NOIR



CORTEN



CHAMPAGNE

The quality of a luminaire can also be recognized in the surfaces that protect it over time. At Cariboni Group, finishes are an integral part of the design: a balance between aesthetic expression, technical performance, and reliability in outdoor environments.

All Cariboni outdoor luminaires are supplied as standard with a surface protection system compliant with corrosion class C4, in accordance with international standards UNI EN ISO 9223 and UNI EN ISO 12944.

This solution ensures high resistance in urban environments, highly polluted peri-urban areas, or coastal locations (inland up to 5 km). Metal surfaces are treated through multi-stage preparation and coating cycles, designed to ensure adhesion, color stability, and long-term protection. Alloy selection, hardware protection, and careful attention to geometries all contribute to preserving surface integrity even under continuous outdoor exposure.

For installations in highly aggressive environments, such as heavily polluted industrial areas or seafront locations, special treatments can be requested to achieve corrosivity class C5, in accordance with the same reference standards. These solutions involve dedicated protective cycles and are evaluated upon request, depending on the specific product and the environmental and application conditions of the project.



RAL 9003



RAL 9006



RAL 5024



RAL 6021

## Expertise

### Good Light Everywhere

Ogni luogo ha una propria identità. Dai giardini più intimi ai vasti paesaggi urbani, i nostri sistemi di illuminazione si adattano a ogni scala, valorizzando il carattere unico di ogni spazio.

Every place has its own identity. From intimate gardens to sprawling urban landscapes, our lighting systems adapt to every scale, highlighting each space's unique character.

### Facades & Architecture

Facciate, architetture, statue e opere d'arte urbane /  
Facades, buildings, statues, and urban artworks

### Parks & Gardens

Giardini e aree verdi, piccoli e grandi spazi naturali /  
Gardens and green areas, from small spaces to large landscapes

### Streets & Urban Spaces

Strade, piazze, portici, banchine e spazi collettivi urbani /  
Streets, squares, covered walkways, platforms, and collective urban spaces

### Large & Open Areas

Piazzali, grandi parcheggi, interporti e spazi aperti /  
Squares, large parking lots, freight terminals, and open spaces

### Indoor & Outdoor Sports

Impianti sportivi, dagli spazi di quartiere agli stadi professionali /  
Sports facilities, from neighborhood fields to professional stadiums



# BEHIND THE LIGHT

Dietro la nostra luce c'è ingegno e passione. Sistemi ottici unici, effetti di cambio colore e controllo intelligente trasformano ogni apparecchio in un'esperienza visiva coinvolgente.

Behind our light lies ingenuity and passion. Unique optical systems, color-changing effects and intelligent control transform every luminaire into a captivating visual experience.

## BLOS - BIOPHILIC LED OPTICAL SYSTEM

█ Patent pending

### BUG 100

BLOS è stata progettata specificamente per il benessere visivo di pedoni e ciclisti, utenti spesso trascurati dall'illuminazione pubblica, storicamente pensata e normata principalmente per l'automobilista.

BLOS has been specifically designed for the visual comfort of pedestrians and cyclists, users often overlooked by public lighting, which has historically been designed and regulated primarily for motorists.



In collaborazione con il Dipartimento Energia del Politecnico di Torino, è stata condotta una ricerca sulla definizione e la misurazione dell'abbagliamento degli utenti non motorizzati. I risultati hanno permesso lo sviluppo di un innovativo sistema ottico, capace di ridurre sia l'abbagliamento debilitante sia quello molesto di chi si muove lentamente.

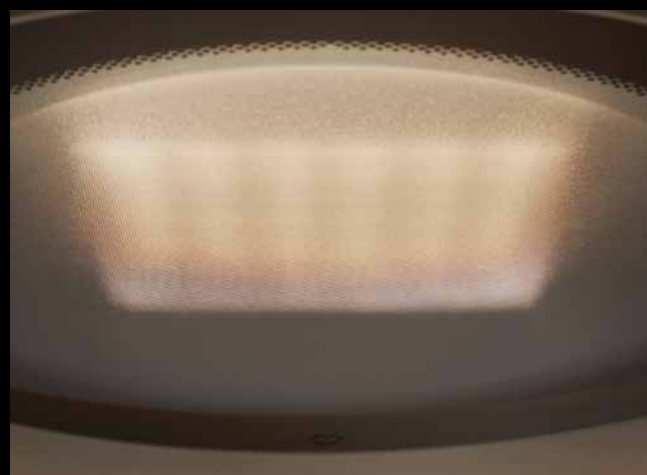
In collaboration with the Energy Department of the Polytechnic University of Turin, research was conducted on defining and measuring glare for non-motorized users. The results led to the development of an innovative optical system capable of significantly reducing both disability glare and discomfort glare for those moving at a slower pace.



**BLOS BLACK**

Emissione luminosa caratterizzata da una distribuzione decisa e un effetto dark-light.

Light emission characterised by clear distribution and a dark-light effect.

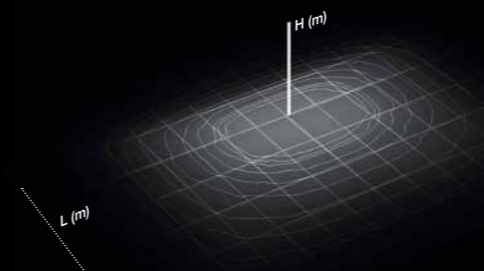


**BLOS WHITE**

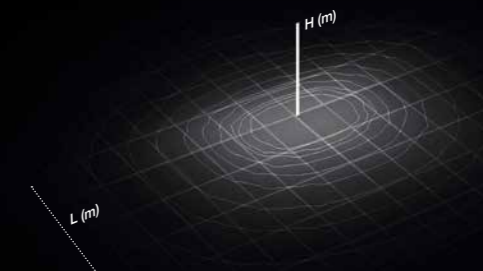
Emissione luminosa caratterizzata da un'area emissiva diffusa e una luce morbida.

Light emission characterised by a diffuse emission area and soft lighting.

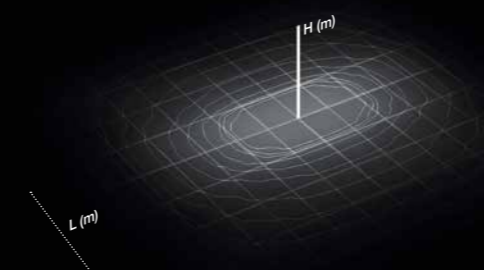
Asymmetric Black BLOS



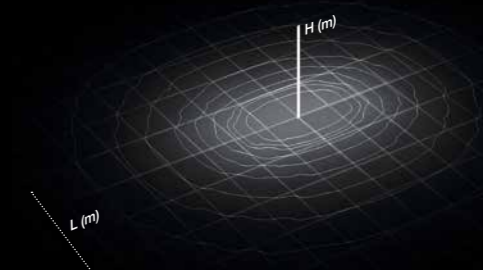
Asymmetric White BLOS



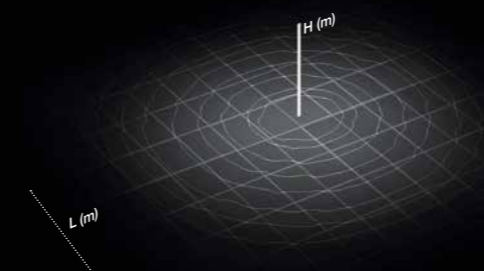
Elliptical Black BLOS



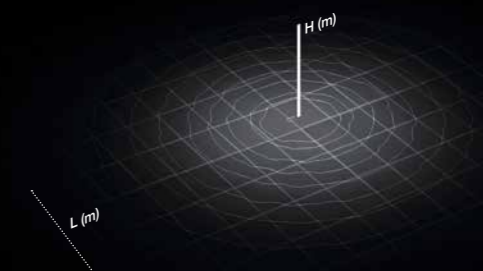
Elliptical White BLOS



Rotosymmetrical Black BLOS



Rotosymmetrical White BLOS



STATIC WHITE LIGHT		DYNAMIC WHITE
● 2700 K G = 1,44*	● 3000 K G = 1,55*	● 1800 K / 3000 K G = 3,48 / 1,55*

\* SPECTRAL G-INDEX (CRI 70)

I dispositivi ottici sviluppati sono progettati per ampliare la superficie emittente, schermare le sorgenti e distribuire la luce in modo preciso, mantenendo bui gli angoli superiori. BLOS non solo assicura comfort visivo a pedoni e ciclisti, ma protegge anche la natura dagli effetti dell'inquinamento luminoso. Focalizzando la luce sull'area orizzontale, BLOS preserva l'oscurità dell'ambiente notturno ed evita il disorientamento della fauna, in particolare degli impollinatori notturni.

The optical devices are designed to expand the emitting surface, shield the light sources, and distribute light precisely, keeping upper angles dark. BLOS not only ensures visual comfort for pedestrians and cyclists but also protects nature from the effects of light pollution. By directing light exclusively toward the horizontal area to be illuminated, BLOS preserves the darkness of the night environment and prevents disorientation of wildlife, particularly nocturnal pollinators.



# DWL - DYNAMIC WHITE LIGHT

● 1800 K / 3000 K G = 3,48 / 1,55*	● 1800 K / 4000 K G = 2,87 / 1,02*	● 2200 K / 4000 K G = 2,23 / 1,09*
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\* SPECTRAL G-INDEX (CRI 70)

La distribuzione spettrale della luce bianca può essere regolata da tonalità molto calde fino a tonalità più fredde. Alla modulazione del colore si aggiunge la possibilità di regolare l'intensità del flusso luminoso alle diverse temperature colore.

The spectral distribution of white light can be adjusted from very warm to cooler tones, with the possibility to regulate luminous flux intensity at each color temperature.

La tecnologia Dynamic White rappresenta una soluzione estremamente flessibile, capace di adattare l'illuminazione nel tempo. Modulando colore e intensità della luce è possibile mitigare gli effetti dell'illuminazione artificiale notturna sull'ambiente: la luce calda protegge flora e fauna grazie al ridotto contenuto di radiazione blu, la più disturbante per l'ambiente naturale, mentre la luce più fredda migliora la visibilità umana durante i periodi di traffico intenso e ottimizza l'efficienza energetica dell'impianto.



Dynamic White technology offers an extremely flexible solution, capable of adapting lighting over time. By modulating both color and intensity, it is possible to mitigate the effects of artificial night lighting on the environment: warm light protects flora and fauna thanks to its reduced blue radiation, which is the most disruptive to the natural environment, while cooler light improves human visual performance during periods of higher traffic and enhances the energy efficiency of the system.

La luce bianca può inoltre adattarsi alle variazioni cromatiche stagionali, essere modulata per eventi particolari o rendere più attrattivo uno spazio urbano attraverso scenografie luminose cangianti. I sistemi ottici Dynamic White sono disponibili con diverse distribuzioni ottiche, consentendo l'illuminazione di spazi, percorsi e architetture in contesti urbani ed extraurbani.

White light can also be adapted to seasonal color variations, tailored for special events, or used to make urban spaces more attractive through dynamic and changing lighting effects. Dynamic White optical systems are available with different optical distributions, allowing the illumination of spaces, pathways, and architectural features in both urban and extra-urban contexts.



# BFL - BLUE FREE LIGHT

 1800 K G = 2,87*	 PC-AMBER G = 4,36*
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\* SPECTRAL G-INDEX (CRI 70)

Circa il 30% dei vertebrati e il 60% degli invertebrati sono attivi di notte: la luce artificiale notturna disturba questi animali, alterandone gli spostamenti, gli equilibri alimentari e la frequenza degli accoppiamenti.

La maggior parte degli animali notturni è particolarmente sensibile alla componente blu della luce; di conseguenza, un'illuminazione fredda provoca maggiori problemi di disorientamento, attrazione e alterazione dei rapporti predatore-preda. Le emissioni nelle bande blu e rossa possono generare risposte fisiologiche negative anche nelle piante, prolungando la fotosintesi notturna e modificando i processi di crescita.

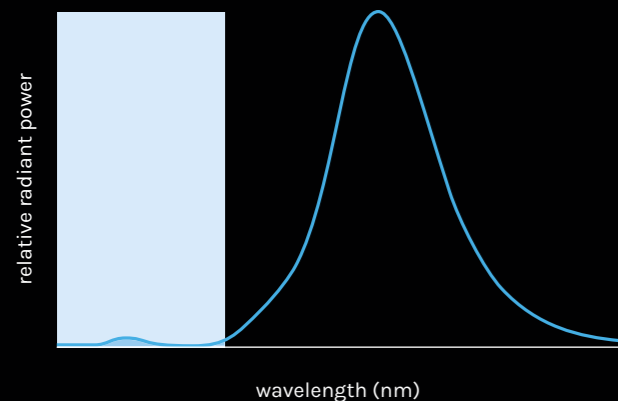
I sistemi ottici Blue Free sono ideali per illuminare spazi e percorsi di rilevante interesse ecologico. Questa soluzione tutela l'ecosistema naturale riducendo al minimo la componente blu della luce e crea al contempo un'atmosfera calda e accogliente per le persone.

About 30% of vertebrates and 60% of invertebrates are active at night: artificial night lighting disrupts these animals, altering their movements, feeding patterns, and mating behaviors.

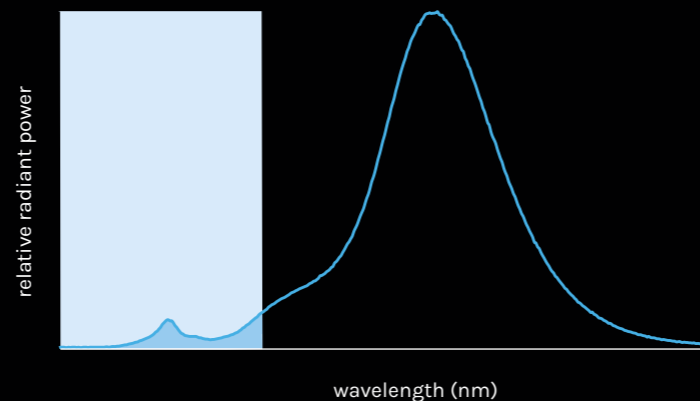
Most nocturnal animals are particularly sensitive to the blue component of light; as a result, cool lighting causes greater problems of disorientation, attraction, and disruption of predator-prey relationships. Emissions in the blue and red ranges can also trigger negative physiological responses in plants, prolonging nighttime photosynthesis and altering growth processes.

Blue Free optical systems are ideal for illuminating spaces and pathways of significant ecological interest. This solution protects the natural ecosystem by minimizing the blue content of the light while creating a warm and welcoming atmosphere for people.


PHOSPHOR CONVERTED AMBER (PCA)



1800 K



# CC - COLOR CHANGING

 RGB+W 3000 K

La luce colorata dà nuova vita agli spazi urbani, trasformando la percezione dell'ambiente in modo creativo e coinvolgente. Può suscitare emozioni come fascino, attrazione e attaccamento, migliorando l'umore urbano e la connessione tra comunità e spazi.

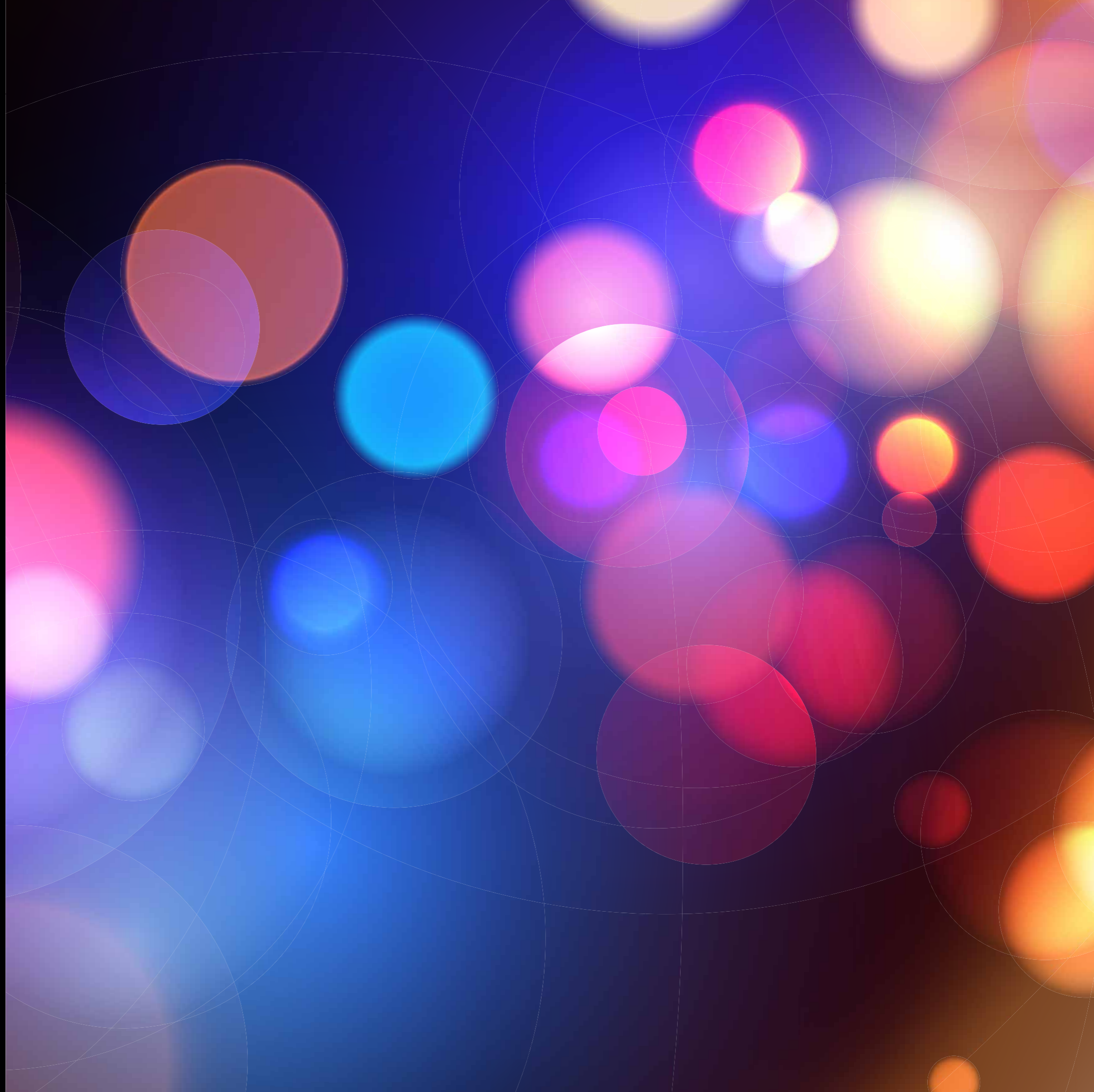
I sistemi di controllo Color Changing consentono di modulare con precisione colore, intensità e transizioni luminose, permettendo la creazione di scenografie spettacolari per eventi e grandi manifestazioni, o la trasformazione di spazi urbani in installazioni di light art.

La tecnologia RGBW 3000K offre al progettista una tavolozza di colori vibranti e precisi, oltre a una luce bianca luminosa e pura.

It can evoke emotions such as fascination, attraction, and a sense of belonging, enhancing the urban atmosphere and strengthening the relationship between communities and the spaces they inhabit.

Colored light tells stories through its semantic dimension and helps reinvent the urban landscape at night. Color Changing control systems allow precise modulation of color, intensity, and light transitions, enabling the creation of spectacular scenographies for events and large-scale performances, or the transformation of urban spaces into light art installations.

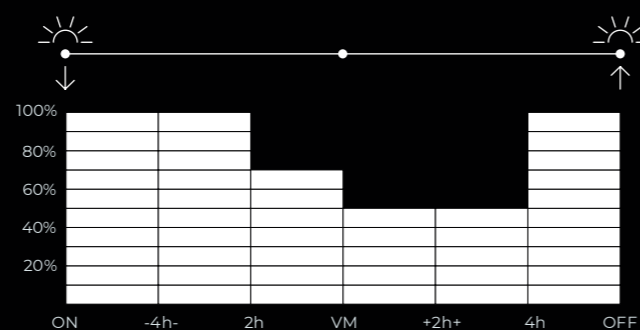
RGBW 3000K technology provides designers with a palette of vibrant and precise colors, along with bright, pure white light.



# LIGHT DIMMING OPTIONS

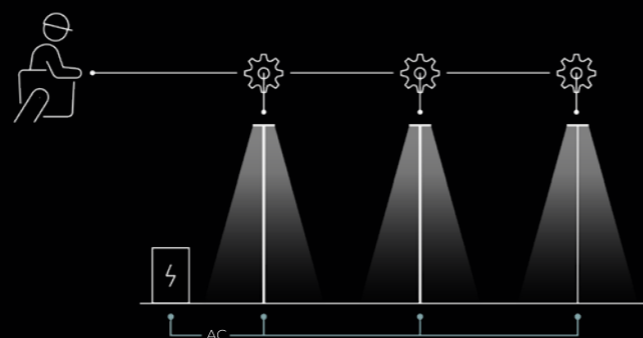
## MV\_Mezzanotte Virtuale

La mezzanotte virtuale è una tecnica di regolazione integrata in ogni lampada, che non richiede cablaggi aggiuntivi né dispositivi esterni. Il sistema Virtual Midnight utilizza un processo di auto-apprendimento per calcolare il punto medio tra il tramonto (orario di accensione) e l'alba (orario di spegnimento), definito "mezzanotte virtuale". Questo punto di riferimento consente di modulare il flusso luminoso secondo il profilo desiderato. La programmazione, definita con il cliente e impostata in fabbrica, permette una riduzione percentuale del flusso luminoso e della potenza assorbita nelle fasce orarie caratterizzate da basso traffico veicolare o pedonale. La modifica del profilo di funzionamento può essere effettuata da personale qualificato su ciascun singolo punto luce.



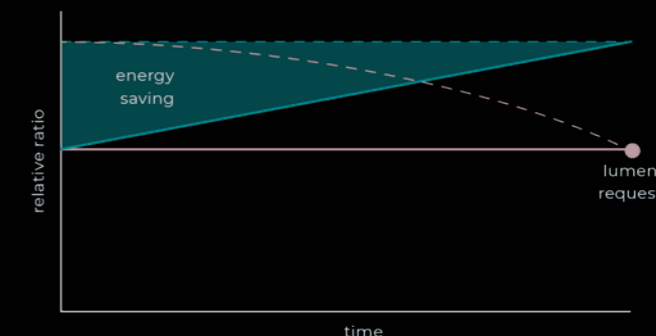
## MV\_Virtual Midnight

Virtual Midnight is a control technique integrated into each luminaire, which does not require additional wiring or external devices. The Virtual Midnight system uses a self-learning process to calculate the midpoint between sunset (switch-on time) and sunrise (switch-off time), defined as "virtual midnight." This reference point is used to modulate the luminous flux according to the desired profile. Programming, defined with the client and factory-set, allows a percentage reduction of luminous flux and power consumption during time periods characterized by low vehicular or pedestrian traffic. Modification of the operating profile can be carried out by qualified personnel on each individual light point.



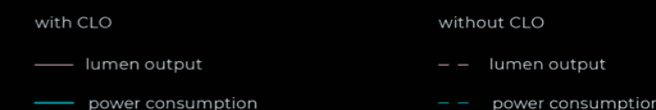
## CLO\_Flusso Luminoso Costante

Il sistema mantiene un flusso luminoso costante per tutta la vita della lampada. Con l'invecchiamento dei LED e la diminuzione naturale della loro emissione luminosa, il driver CLO regola automaticamente la corrente per compensare la perdita, garantendo un flusso luminoso costante e uniformità di prestazioni nel tempo.



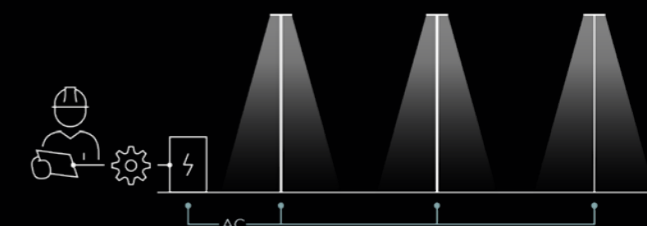
## CLO\_Constant Lumen Output

The system maintains a constant luminous flux throughout the luminaire's lifetime. As LEDs age and their natural output decreases, the CLO driver automatically adjusts the current to compensate for the loss, ensuring a consistent flux and uniform lighting performance over time.



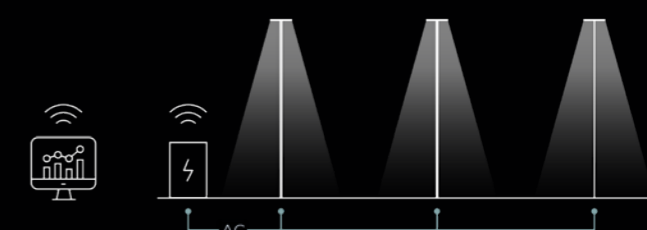
## PLC\_Onde convogliate

La tecnologia ad onde convogliate consente la trasmissione dei dati attraverso i cavi di alimentazione esistenti, senza cablaggi dedicati. In questo modo è possibile monitorare e gestire da quadro elettrico o da remoto i profili di consumo delle lampade di illuminazione. La gestione è sincronizzata per l'intero impianto e la configurazione iniziale è eseguita da un operatore qualificato tramite programmatore portatile.



## PLC\_Power Line Communication

Power Line Communication (PLC) technology allows data transmission through existing power cables without the need for dedicated wiring. This enables monitoring and management of luminaire consumption profiles from the electrical panel or remotely. Management is synchronized across the entire system, and initial configuration is carried out by a qualified operator using a portable programmer.



## DA\_DALI-2 (Digital Addressable Lighting Interface)

Il sistema DALI-2 è un protocollo standard IEC con interoperabilità certificata, che assegna a ogni lampada un indirizzo univoco e consente il controllo del singolo punto luce, di gruppi e di scenari. Grazie alla comunicazione bidirezionale, è possibile monitorare lo stato dei dispositivi e ricevere feedback in tempo reale.

Il protocollo DALI-2 gestisce fino a 64 indirizzi per linea. A seconda del modello, sono disponibili apparecchi controllabili tramite un unico indirizzo (DT-8) oppure tramite più indirizzi per canale (DT-6). Il sistema supporta inoltre l'integrazione di sensori di presenza o di luminosità e l'utilizzo di più controller, offrendo un controllo flessibile e intelligente dell'impianto di illuminazione.

## DA\_DALI-2 (Digital Addressable Lighting Interface)

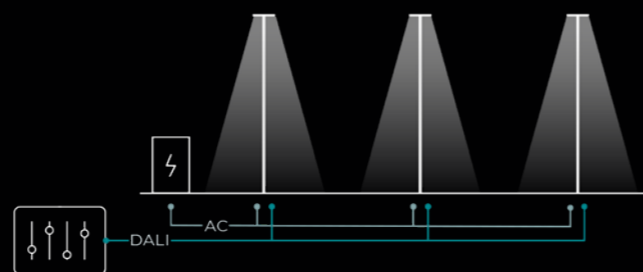
The DALI-2 system is an IEC standard protocol with certified interoperability, assigning each luminaire a unique address and enabling control of individual light points, groups, and scenes. Thanks to bidirectional communication, device status can be monitored and real-time feedback can be received.

The DALI-2 protocol supports up to 64 addresses per line. Depending on the luminaire model, devices may be controlled using a single address (DT-8) or multiple addresses per channel (DT-6). The system also supports the integration of presence or light sensors and the use of multiple controllers, providing flexible and intelligent lighting system management.

### DALI-2 WIRED

La comunicazione avviene tramite connessione a due poli dedicata, su cavo separato o integrato nel cavo di alimentazione. Per distanze superiori ai 200 m è consigliato l'impiego di extender. I tempi di reazione sono rapidi, fino a 0,2 s.

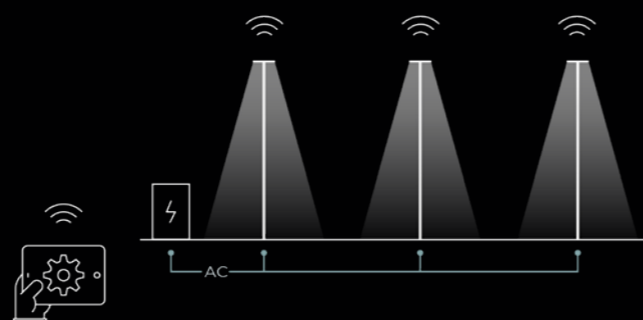
Communication occurs via a dedicated two-wire connection, either separate or integrated into the power cable. For distances over 200 m, signal repeaters (extenders) are recommended. Response times are fast, up to 0.2 s.



### DALI-2 WIRELESS

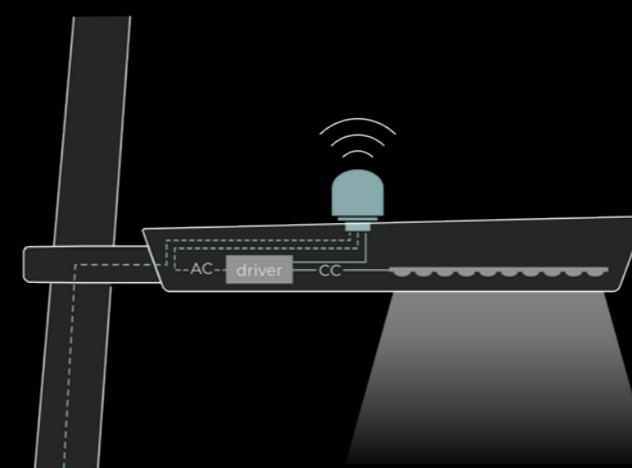
Il sistema DALI Wireless elimina la necessità di cablaggi fisici dedicati: i comandi vengono trasmessi via onde radio. L'installazione è semplificata, con un trasmettitore e uno o più ricevitori posizionati fino a 150 m di distanza in aria libera.

The DALI Wireless system eliminates the need for dedicated physical communication wiring; commands are transmitted via radio waves. Installation is simplified, using a transmitter and one or more receivers placed up to 150 m apart in open air.



## Interfacce per nodi di controllo o rilevamento

L'interfaccia è il sistema meccanico ed elettrico che consente il collegamento di sensori e nodi di controllo alle lampade. Le interfacce standardizzate permettono l'integrazione di dispositivi di diversi produttori e semplificano installazione, manutenzione e aggiornamento.



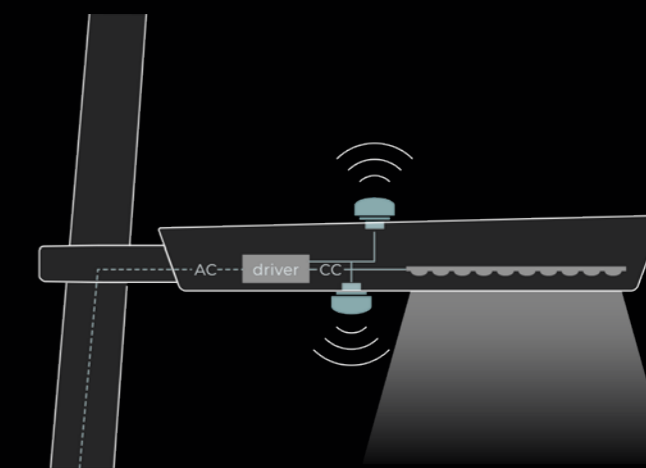
### NEMA (ANSI C 136.41)

Le prese NEMA conformi allo standard ANSI C 136.41 sono disponibili in versioni a 3, 5 o 7 pin e alimentate ad alta tensione (AC 115-230 V). Rispetto ai connettori Zhaga, le prese NEMA ospitano generalmente dispositivi più ingombranti, poiché richiedono componenti aggiuntivi, come quelli per la conversione AC/DC. Nella configurazione più comune a 7 pin, integrano tre contatti di potenza e fino a quattro contatti di segnale per il controllo 0-10V o DALI. Le prese NEMA permettono il collegamento diretto di fotocellule, sensori e nodi di controllo, offrendo una soluzione semplice e robusta, sebbene senza standardizzazione per la trasmissione dei dati smart.

NEMA sockets compliant with the ANSI C136.41 standard are available in 3-, 5-, or 7-pin versions and are powered at high voltage (AC 115-230 V). Compared to Zhaga connectors, NEMA sockets typically accommodate bulkier devices, as additional components, such as those for AC/DC conversion, are required. In the most common 7-pin configuration, they include three power contacts and up to four signal contacts for 0-10 V or DALI control. NEMA sockets allow direct connection of photocells, sensors, and control nodes, providing a simple and robust solution, although without standardized communication for smart data.

## Interfaces for Control or Detection Nodes

An interface is the mechanical and electrical system that enables sensors and control nodes to connect to luminaires. Standardized interfaces allow integration of devices from different manufacturers and simplify installation, maintenance, and upgrades.



### ZHAGA (BOOK 18)

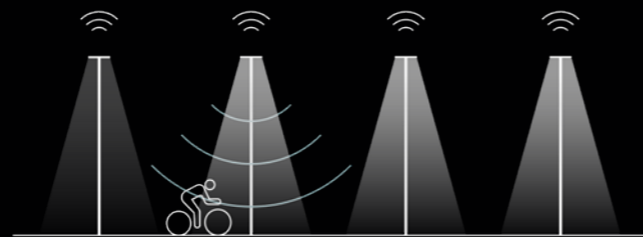
Il connettore Zhaga è a 4 poli, funziona a bassa tensione (24 V CC) e utilizza il protocollo di comunicazione D4i (DALI per l'IoT), garantendo interoperabilità e compatibilità tra dispositivi di diversi produttori. Le lampade possono essere dotate di un connettore sulla parte superiore o inferiore, oppure su entrambe le facce (UP / DOWN o UP & DOWN). I connettori Zhaga consentono in qualsiasi momento un'integrazione semplice e rapida in modalità plug & play di sensori intelligenti, nodi di controllo o dispositivi IoT.

The Zhaga connector is 4-pin, operates at low voltage (24 V DC), and uses the D4i communication protocol (DALI for IoT), ensuring interoperability and compatibility among devices from different manufacturers. Luminaires may be equipped with a connector on the top or bottom, or on both sides (UP / DOWN or UP & DOWN). Zhaga connectors allow easy and rapid plug & play integration of smart sensors, control nodes, and IoT devices at any time.



### Sensori

Il flusso luminoso delle lampade è regolabile mediante sistemi di rilevazione collegabili alle linee di controllo, che consentono una gestione evoluta dell'illuminazione in funzione di parametri quali la presenza di persone o i livelli di illuminazione naturale.



### Sensors

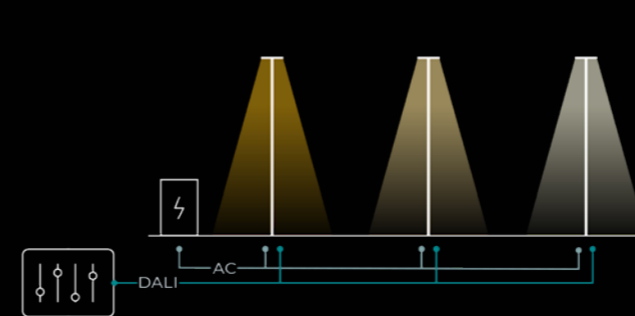
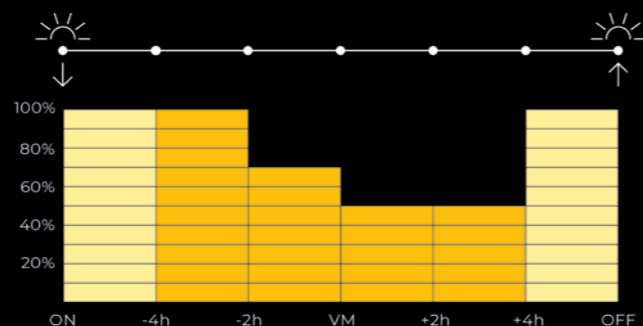
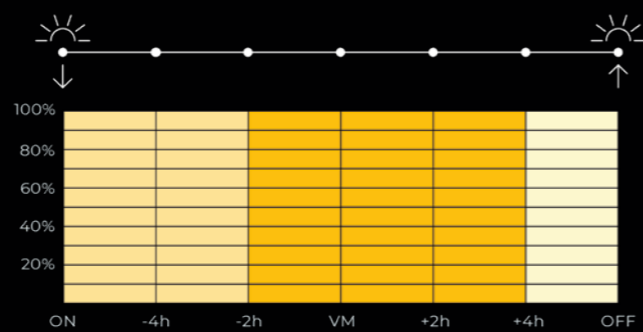
Luminaire output can be adjusted using detection systems connected to control lines, enabling advanced lighting management based on parameters such as presence of people or natural light levels.

# DYNAMIC WHITE ADJUSTMENT OPTIONS

### DWL - Timers

I temporizzatori consentono di modificare temperatura di colore e intensità della luce in base alla fascia oraria. La programmazione è preimpostata in fabbrica su richiesta del cliente e modificabile da personale qualificato accedendo al vano tecnico interno alla lampada. Il funzionamento avviene in modalità autonoma per ogni singolo punto luce senza aggiunta di cavi o dispositivi.

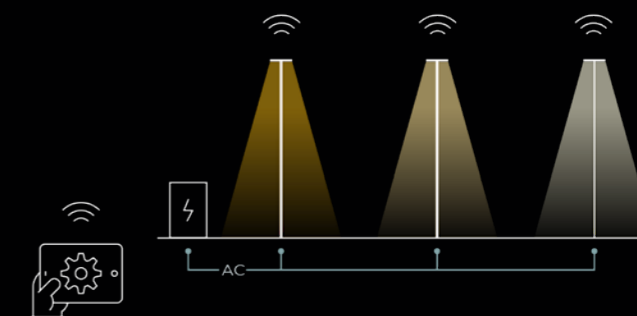
Timers allow adjustment of color temperature and light intensity according to the time of day. The programming is factory preset upon customer request and can be modified by a qualified operator by accessing the luminaire's internal technical compartment. Operation is stand-alone for each individual light point, without the need for additional cables or devices.



### DWL - DALI-2 Wired

Le lampade Dynamic White possono essere controllate tramite DALI-2. La comunicazione avviene su cavo dedicato a due poli, separato o integrato nel cavo di alimentazione. La gestione può essere centralizzata o per gruppi, consentendo controllo individuale, gestione di scenari e sincronizzazione dell'intero impianto. Programmazione e modifica dei profili possono essere effettuate direttamente dal quadro di controllo, senza accedere al vano tecnico di ogni lampada. La configurazione è eseguita da un operatore qualificato, e possono essere gestiti fino a 32 punti luce per linea.

Dynamic White luminaires can be controlled via DALI-2. Communication occurs over a dedicated two-wire connection, either separate or integrated into the power cable. Management can be centralized or by group, allowing individual control, scene management, and synchronization of the entire installation. Programming and adjustment of lighting profiles can be performed directly from the control panel, without accessing each luminaire's internal technical compartment. Configuration is carried out by a qualified operator, and up to 32 luminaires per line can be managed.



### DWL - DALI-2 Wireless

Le lampade Dynamic White possono essere controllate tramite DALI-2 Wireless, che elimina la necessità di un cablaggio fisico dedicato alla comunicazione. Le lampade sono connesse tramite nodi Zhaga Book 18, mentre la programmazione avviene utilizzando un trasmettitore portatile. Possono essere gestiti tutti i punti luce raggiungibili nel raggio di azione del trasmettitore, fino a 300 m in area libera. La gestione avviene principalmente tramite software dedicato, consentendo il controllo individuale dei punti luce, la gestione di scenari e la sincronizzazione dell'intero impianto.

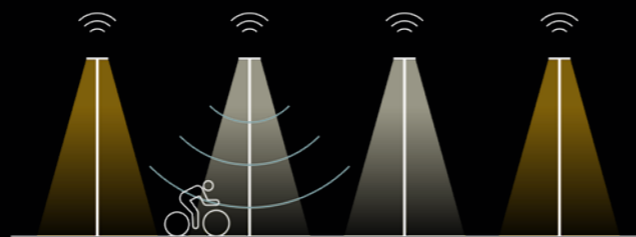
La configurazione iniziale è eseguita da un operatore qualificato, mentre la modifica dei profili di funzionamento può essere effettuata da qualsiasi utente con accesso al software.

Dynamic White luminaires can be controlled via DALI-2 Wireless, which eliminates the need for dedicated physical communication wiring. The luminaires are connected via Zhaga Book 18 nodes, while programming is carried out using a portable transmitter. All luminaires within the transmitter's operating range can be managed, up to 300 m in open areas. System management is mainly performed through dedicated software, enabling individual luminaire control, scene management, and synchronization of the entire installation.

Initial configuration is carried out by a qualified operator, while operating profile adjustments can be performed by any user with access to the software.

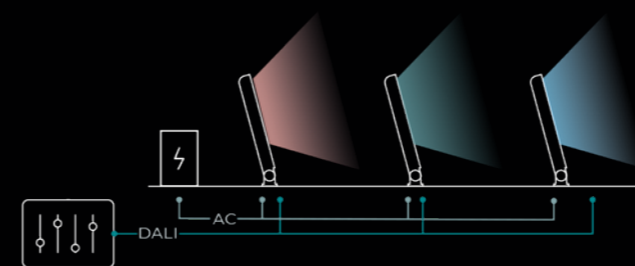
## DWL - Motion Sensors

I sensori di movimento rilevano la presenza di persone o il traffico veicolare, adattando automaticamente la temperatura di colore e l'intensità luminosa alle esigenze del momento. La comunicazione avviene tramite protocollo DALI-2. Il sensore può essere montato direttamente alla lampada tramite connettore Zhaga Book 18. La presenza rilevata può modificare il funzionamento del singolo punto luce oppure, se abbinata a una linea DALI-2 cablata o wireless, di più punti luce contemporaneamente.



Motion sensors detect the presence of people or vehicular traffic and automatically adjust color temperature and luminous intensity according to real-time requirements. Communication is managed via the DALI-2 protocol. The sensor can be mounted directly on the luminaire using a Zhaga Book 18 connector. Detected presence can influence the operation of a single light point or, when integrated into a wired or wireless DALI-2 network, simultaneously control multiple luminaires.

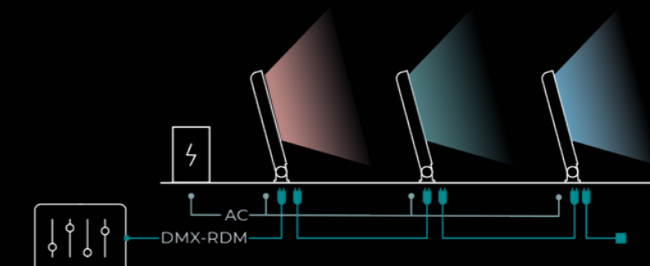
# COLOR CHANGING ADJUSTMENT OPTIONS



## CC- wired DALI-2

Il sistema DALI-2 consente di controllare lampade Color Changing tramite cablaggio dedicato, ideale per scenografie semplici e con variazioni limitate. Supporta fino a 16 prodotti per linea, con tempi di reazione di 0,2 secondi e fino a 16 scenari predefiniti. È la soluzione più semplice, poiché richiede solo un'unità di controllo (fornibile su richiesta) e un cavo standard 2x1,5 mm<sup>2</sup> (non fornito).

The DALI-2 system enables control of Color Changing luminaires via dedicated wiring, suitable for simple lighting scenes with limited variability. It supports up to 16 luminaires per line, with a response time of 0.2 seconds and up to 16 preset scenes. It is the simplest solution, requiring only a control unit (available on request) and a standard 2x1.5 mm<sup>2</sup> cable (not supplied).



## CC -DMX-RDM (Digital Multiplex – Remote Device Management)

Il sistema DMX-RDM consente il controllo cablato di lampade Color Changing ed è ideale per scenografie complesse e rapidamente variabili. Supporta fino a 512 canali indipendenti per linea, con tempi di reazione molto rapidi (0,01 s) e un numero praticamente illimitato di scenari programmabili. Il sistema richiede componenti specifici: il segnale viaggia su cavo schermato 2x0,5 mm<sup>2</sup>, generalmente connettorizzato per il collegamento alla centralina di controllo ed eventuali splitter di segnale. Le lampade controllabili via DMX sono dotate di un connettore rapido dedicato oppure di una morsettiera interna a 3 poli, separata dal circuito di alimentazione.

The DMX-RDM system enables wired control of Color Changing luminaires and is ideally suited for complex lighting scenes with rapid and dynamic transitions. It supports up to 512 independent channels per line, offers extremely fast response times (0.01 s), and allows the creation of unlimited programmable scenarios. The system requires specific components: the signal is transmitted over a shielded 2x0.5 mm<sup>2</sup> cable, typically connected to a control unit and, where necessary, to signal splitters. DMX-controlled luminaires are equipped with a dedicated quick-connect connector or an internal 3-pin terminal block, separate from the power circuit.

## Certifications



### 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.



### 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.



### MARCATURA ENEC+

Il marchio ENEC+ è una certificazione europea volontaria che conferma prestazioni e affidabilità dei dati dichiarati dai produttori, garantendo la qualità delle performance (es. durata, flusso luminoso, efficienza).

### ENEC+ MARK

The ENEC+ mark is a voluntary European certification that confirms the performance and reliability of the data declared by manufacturers, guaranteeing the quality of performance (e.g. lifespan, luminous flux, efficiency).

## Ecovadis



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

An important recognition for our commitment to Corporate Social Responsibility.

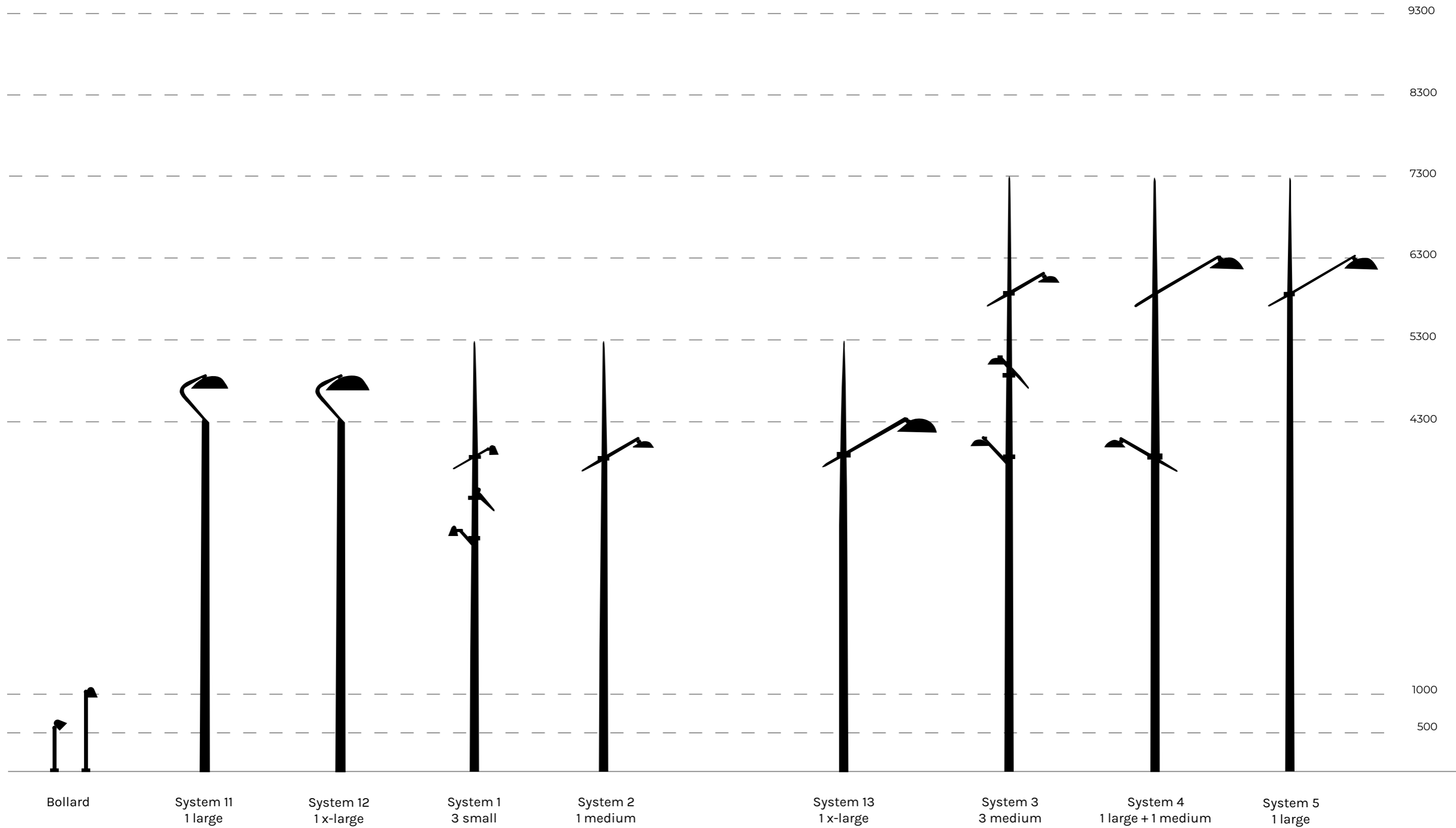
# SPOON

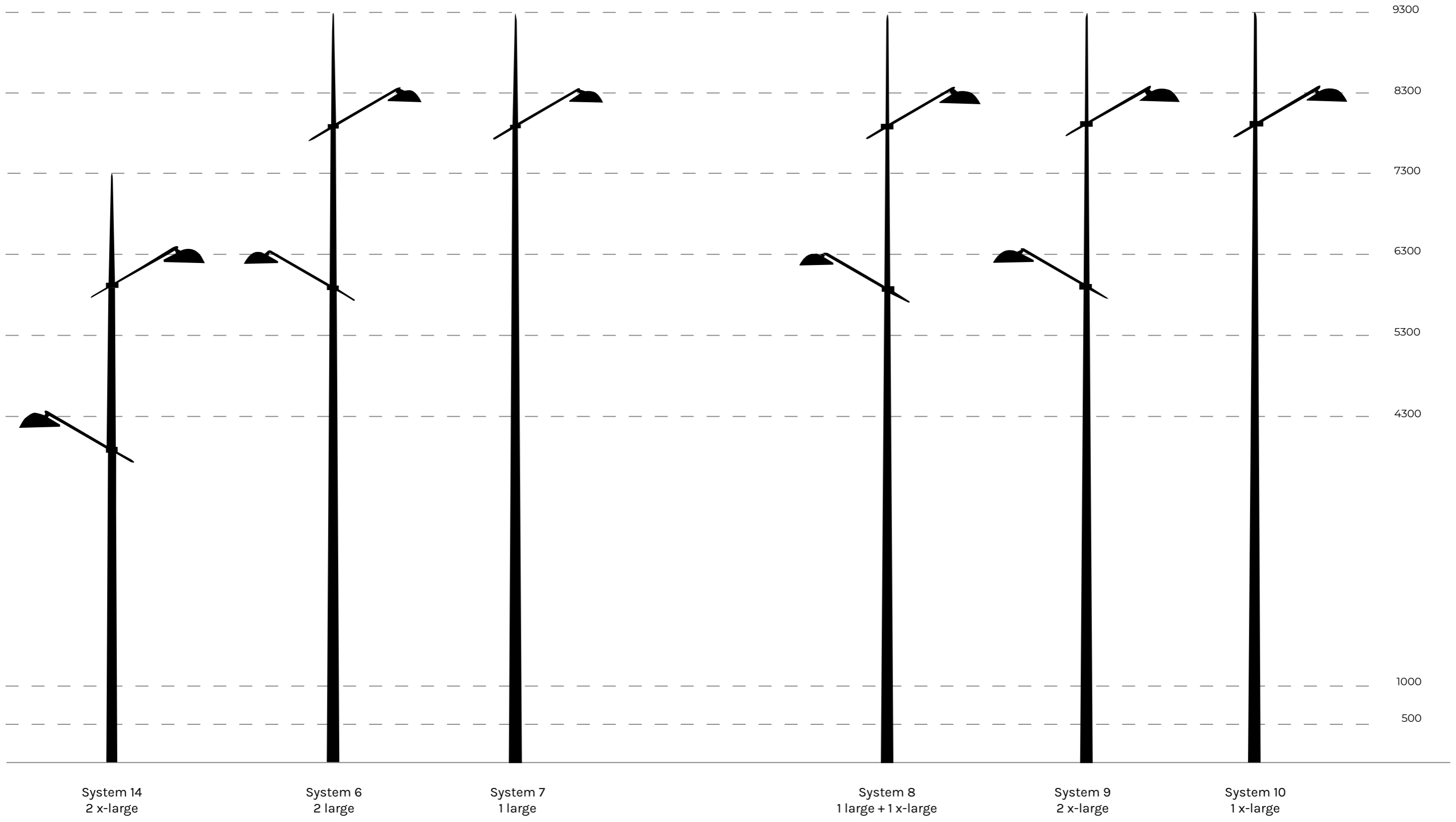
SPOON è un nuovo sistema per l'illuminazione urbana, declinabile a diverse scale e coerente ai mutevoli scenari urbani contemporanei. Design by Alfonso Femia/AF\*Design.

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.

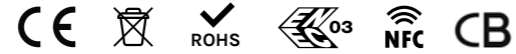








220-240V	50 60Hz	CL II	IP66	IK09	ta -30°C +50°C
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#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio** / Fitting flux:  
800 - 17385 lm

**Potenza apparecchio** / Fitting power:  
8,5 - 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)

#### 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

#### STATIC WHITE LIGHT

 3000 K

#### DYNAMIC WHITE LIGHT

 1800 K / 3000 K

#### 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

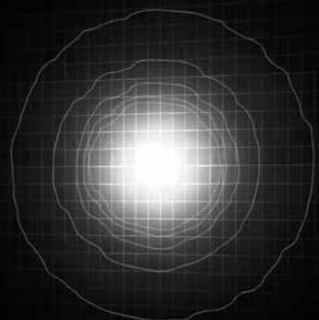
**Resistenza sovratensioni** / Surge Protection Device:  
10kV MC/MD (medium, large, x-large)

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

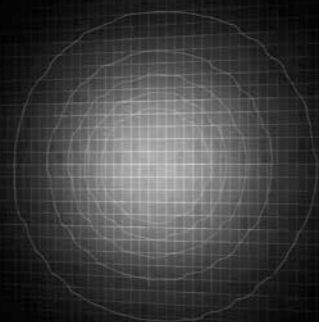


OTTICHE / OPTICS

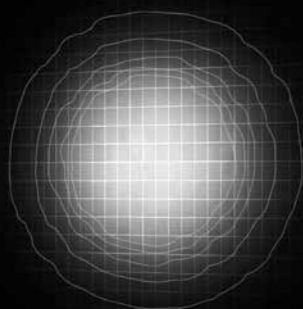
C 10° Narrow Beam



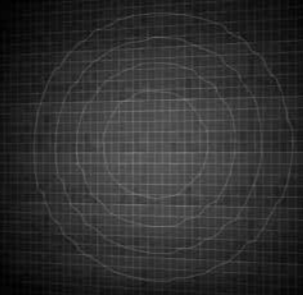
D 45° Wide Beam



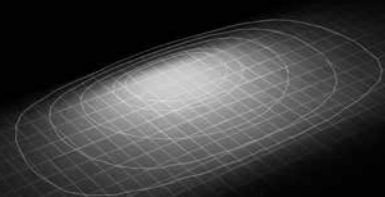
M 25° Medium Beam



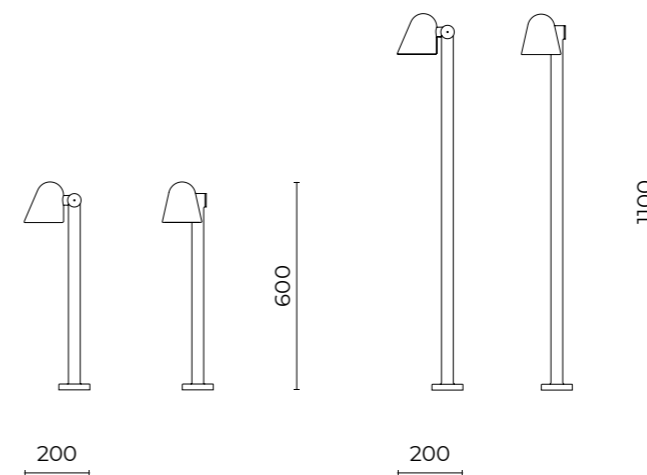
U-D 90° Diffused Beam



AS-D Asymmetric Diffused Beam



Spoon  
Bollard



BOLLARD  
1000



BOLLARD  
500



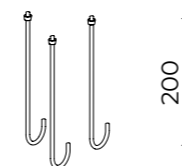
DATI TECNICI / TECHNICAL DATA

**Installazione / Installation:**  
terra / ground

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

COMPLEMENTI / ACCESSORIES

**06PY999X0**  
**Kit tirafondi**  
Anchoring bolts kit 30



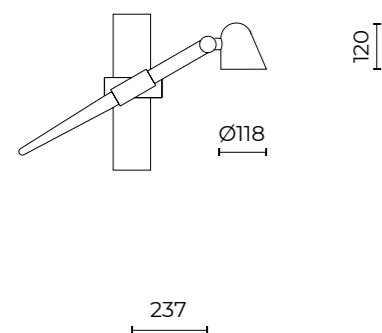
# Spoon System

## DATI TECNICI / TECHNICAL DATA

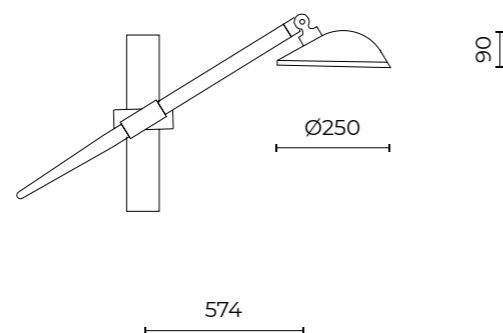
**Installazione / Installation:**  
palo conico con puntale / conical pole with rod

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

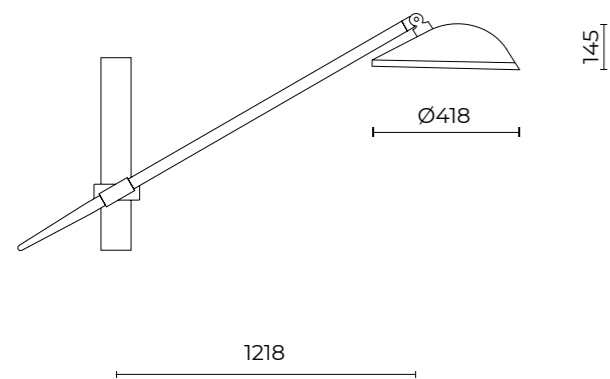
### SMALL



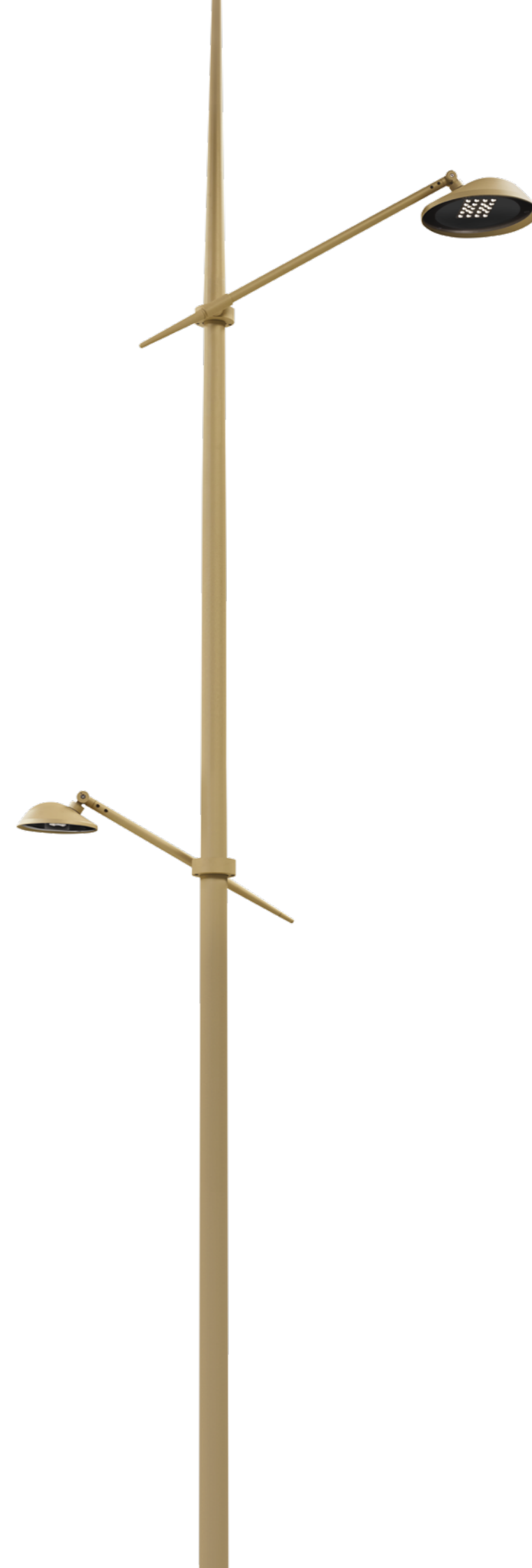
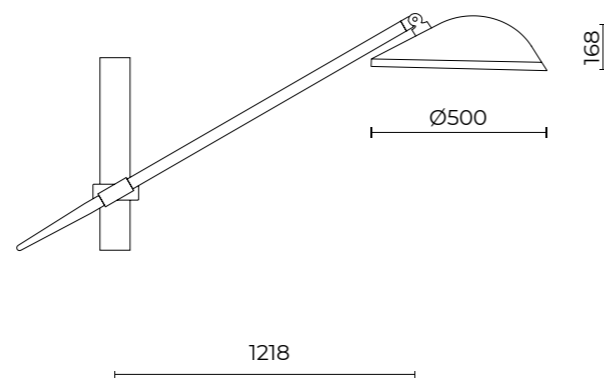
### MEDIUM



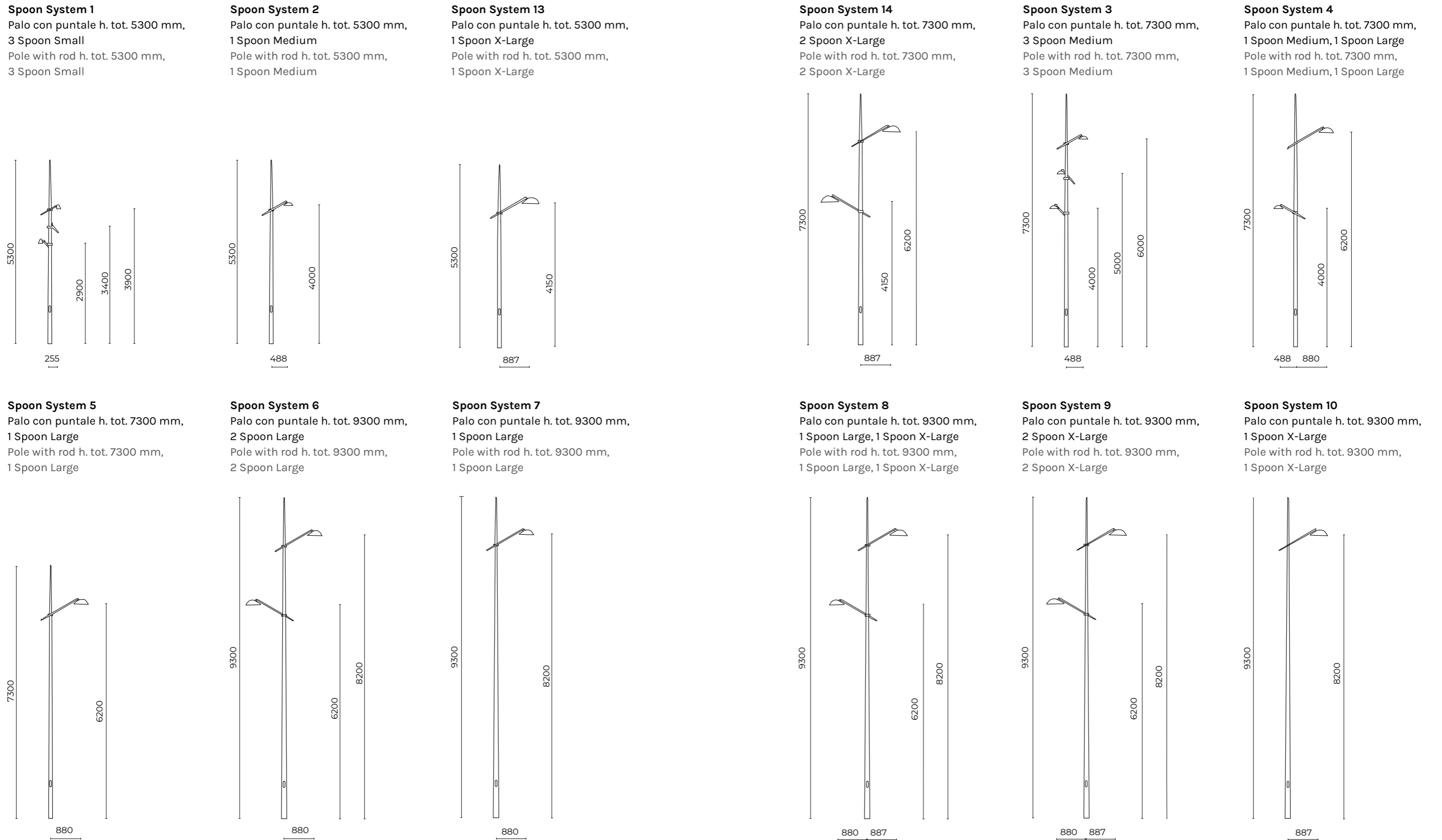
### LARGE



### XLARGE



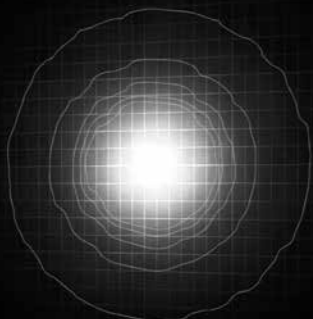
CONFIGURAZIONI / CONFIGURATIONS:



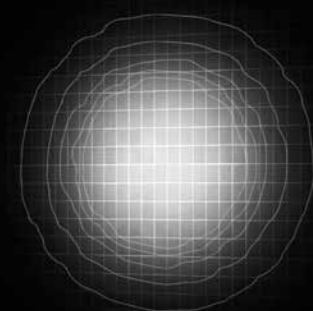
Spoon

OTTICHE / OPTICS

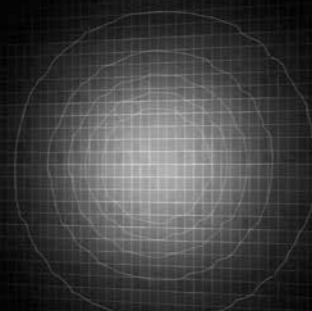
C 10° Narrow Beam



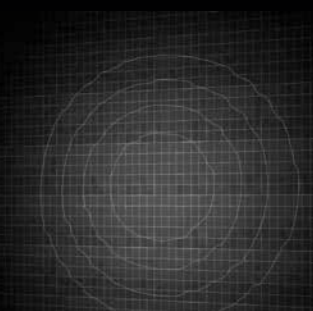
M 25° Medium Beam



D 45° Wide Beam



U-D 90° Diffused Beam



SPOON SMALL

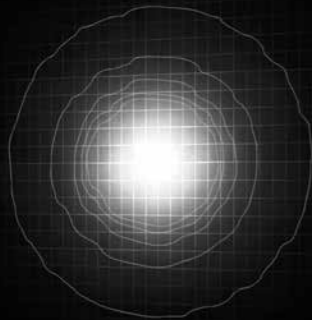
Spoon System



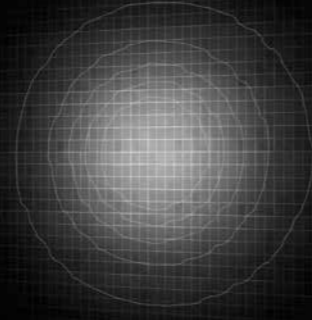
OTTICHE / OPTICS

SPOON MEDIUM / LARGE / X-LARGE

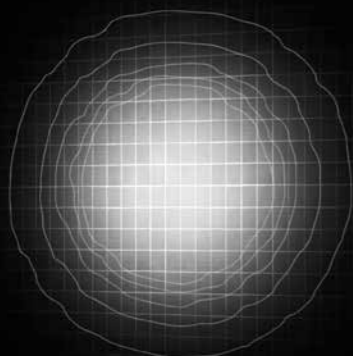
C 11° Narrow Beam



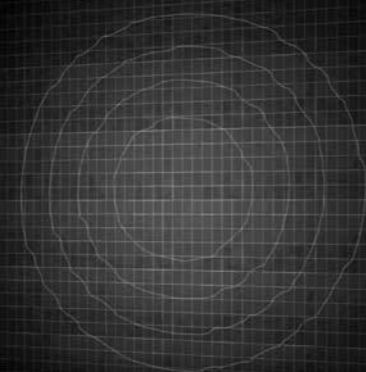
D 40° Wide Beam



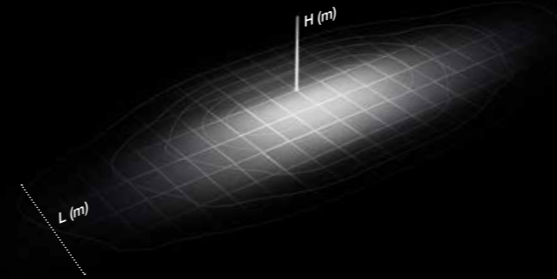
M 25° Medium Beam



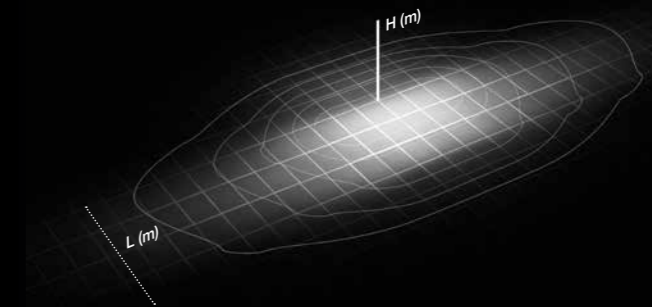
U-D 90° Diffused Beam



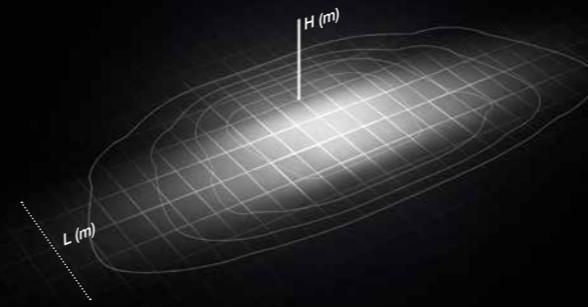
LT-C1 Cycle Path  
L / H = 0,5



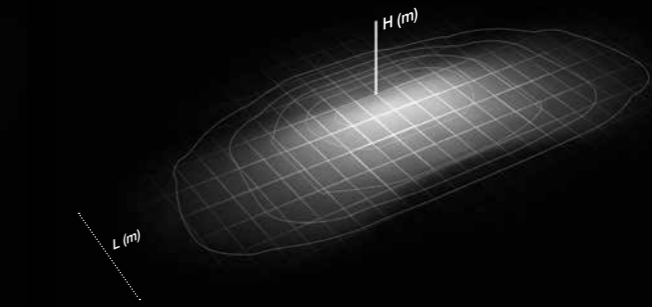
ST-02 Narrow Street  
L / H = 0,75



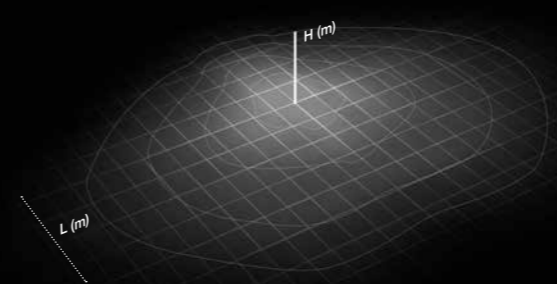
ME-06 Medium Street with sidewalk  
L / H = 1



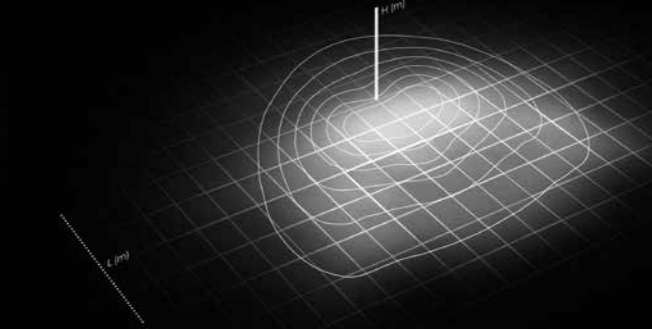
LA-03 Wide Street  
L / H = 1,25



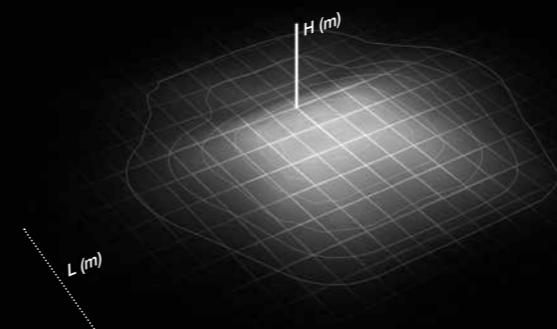
PB-01 Low Pole  
L / H = 2



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



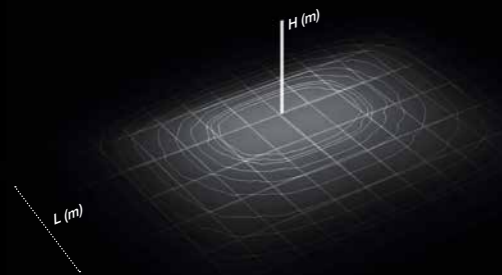
LT-63 Asymmetric beam  
L / H = 2



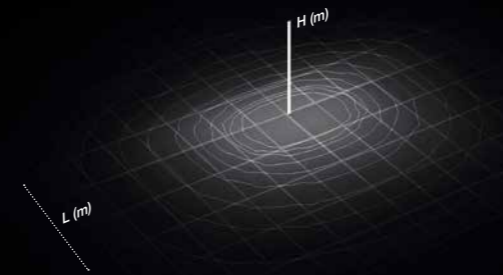
OTTICHE BLOS / BLOS OPTICS

SPOON X-LARGE

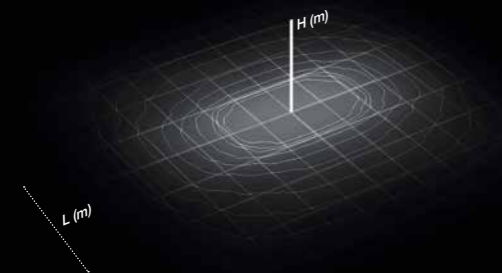
Asymmetric Black BLOS



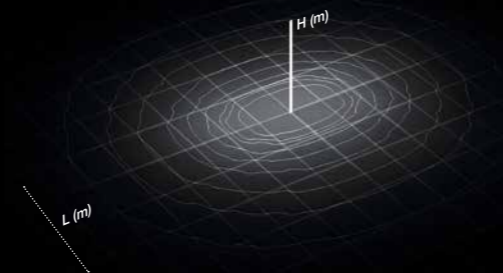
Asymmetric White BLOS



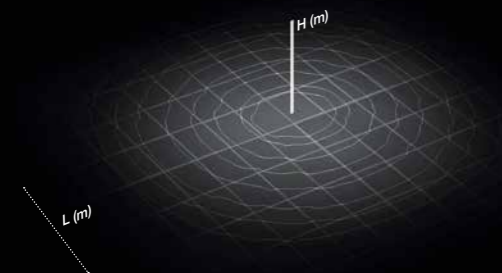
Elliptical Black BLOS



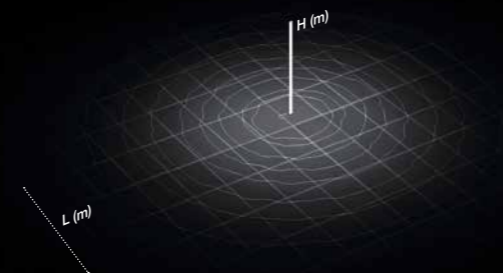
Elliptical White BLOS



Rotosymmetrical Black BLOS



Rotosymmetrical White BLOS

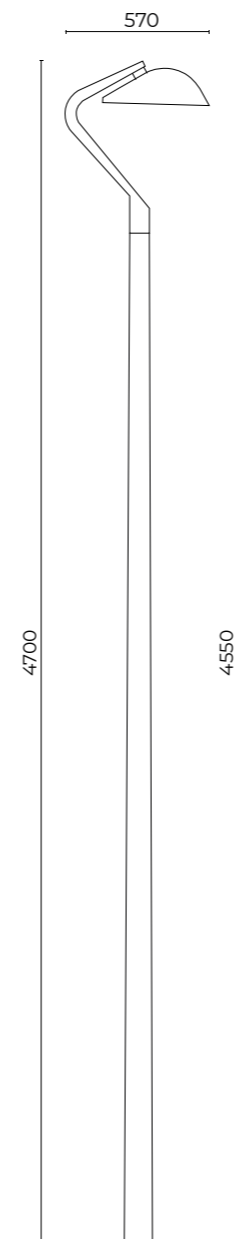


Spoon Pole Top

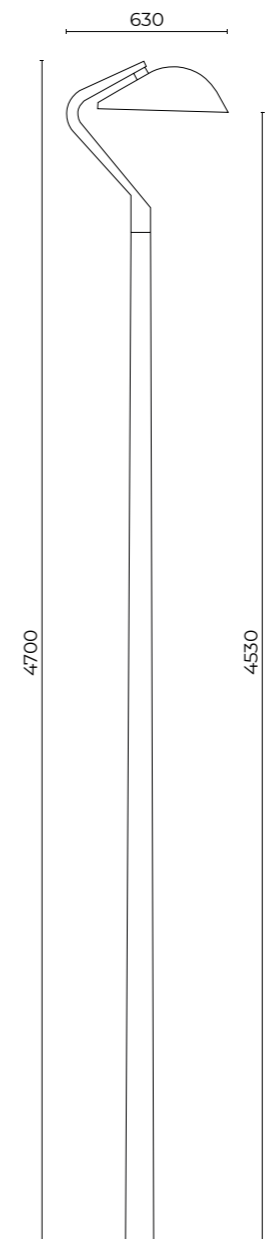
DATI TECNICI / TECHNICAL DATA

Installazione / Installation: palo conico / conical pole

LARGE



X-LARGE

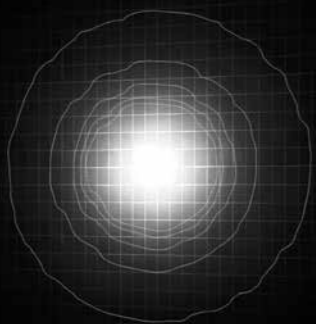


# Spoon

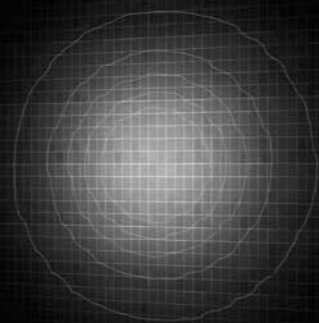
## OTTICHE / OPTICS

\* only for Spoon Wall

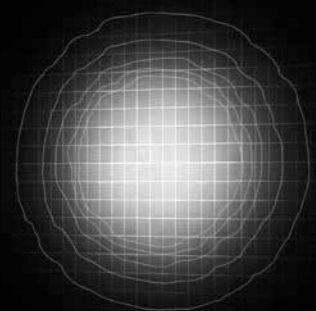
C 10° Narrow Beam \*



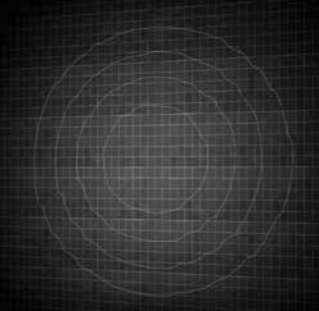
D 45° Wide Beam \*



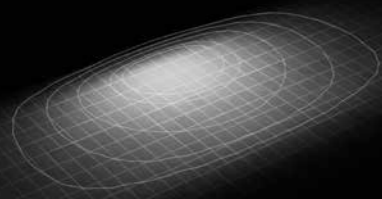
M 25° Medium Beam \*



U-D 90° Diffused Beam \*



AS-D Asymmetric Diffused Beam

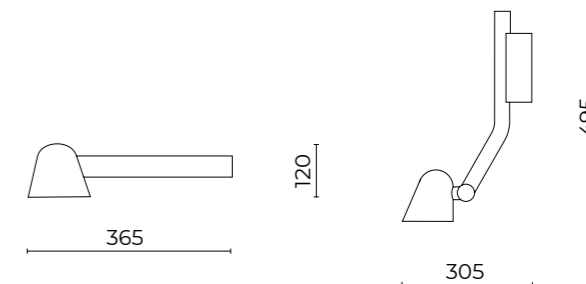


## Spoon Overdoor

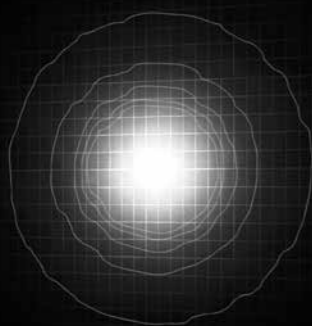
### DATI TECNICI / TECHNICAL DATA

**Installazione / Installation:**  
parete, sopraporta / wall, overdoor

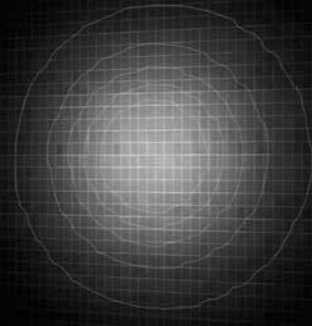
**Inclinazione / Inclination:**  
-120° + 30° (Spoon Wall)  
0° + 90° (Spoon Overdoor)



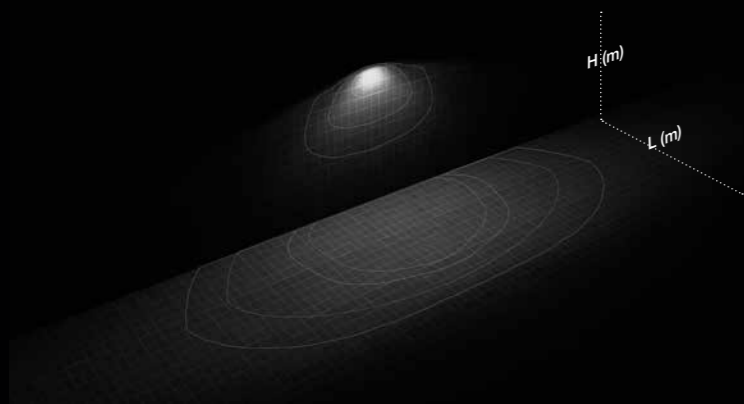
C 11° Narrow Beam



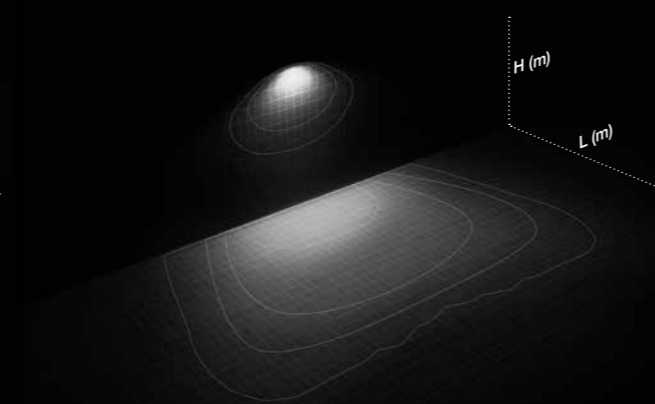
D 40° Wide Beam



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



LT-63 Asymmetric Beam  
L / H = 2



**Spoon**  
Wall, Applique

**DATI TECNICI / TECHNICAL DATA**

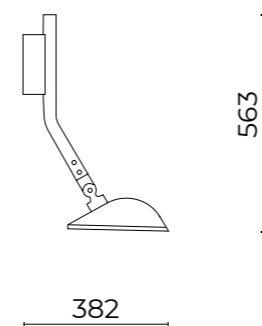
**Installazione / Installation:**  
parete / wall

**Inclinazione / Inclination:**  
0° ÷ 90°

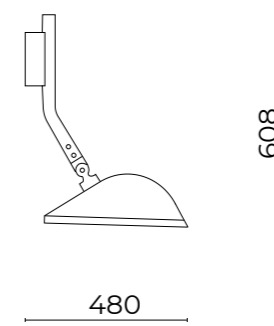


**Applique**

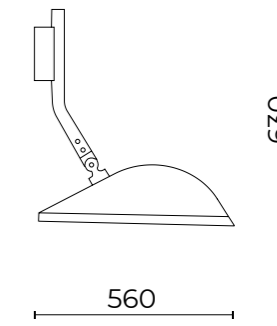
MEDIUM



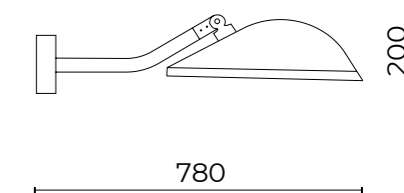
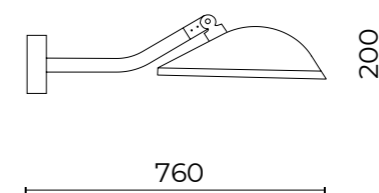
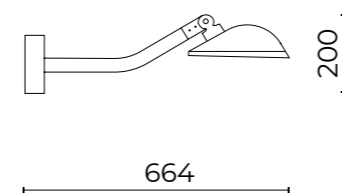
LARGE



X-LARGE



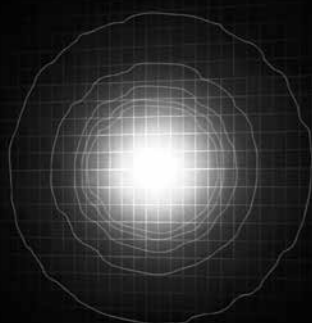
**Wall**



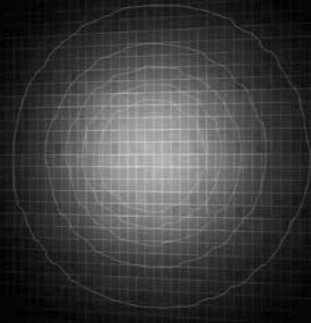
# Spoon

## OTTICHE / OPTICS

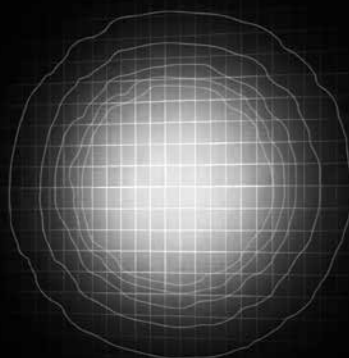
C 11° Narrow Beam



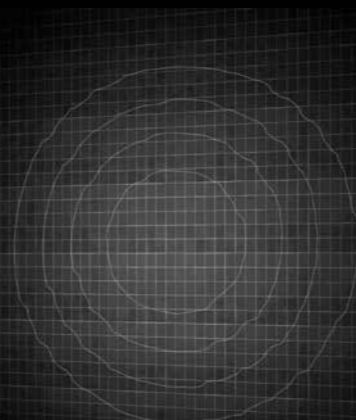
D 40° Wide Beam



M 25° Medium Beam



U-D 90° Diffused Beam



## Spoon Ceiling

### DATI TECNICI / TECHNICAL DATA

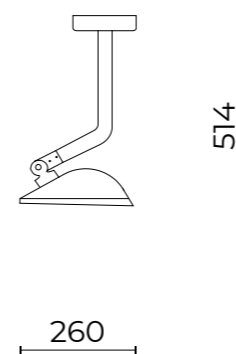
**Installazione** / Installation:  
soffitto / ceiling

**Inclinazione** / Inclination:  
0° + 90°

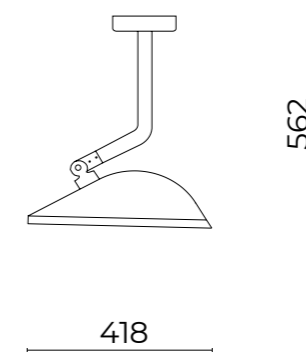
Cariboni Group



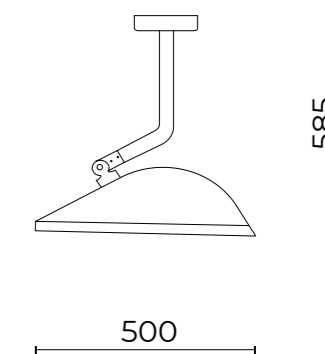
MEDIUM



LARGE



X-LARGE



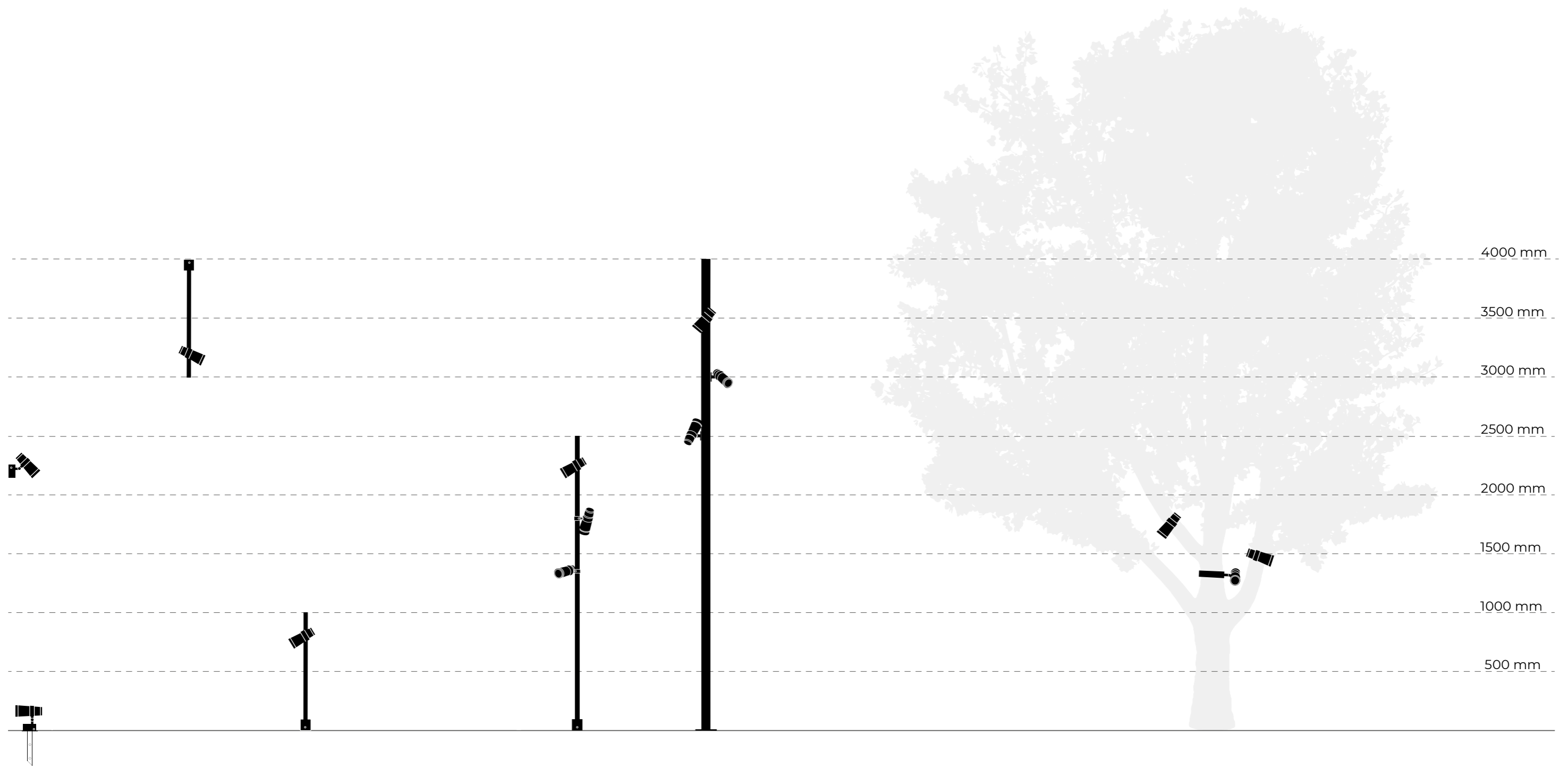
# KONO ZOOM

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.









#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio** / Fitting flux:  
65 - 310 lm

**Potenza apparecchio** / Fitting power:  
6 - 10W

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

**Illuminazione intelligente** / Smart lighting:  
DALI

#### 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

#### STATIC WHITE LIGHT

- 2700 K
- 3000 K
- 4000 K

#### COLOR CHANGING

- RGB+W 3000 K

#### DYNAMIC WHITE LIGHT

- 2200 K / 4000 K

#### COLORI / COLOURS

- SABLÉ 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



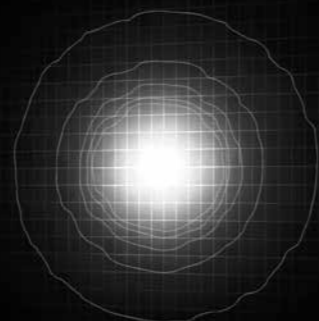
Kono zoom

OTTICHE / OPTICS

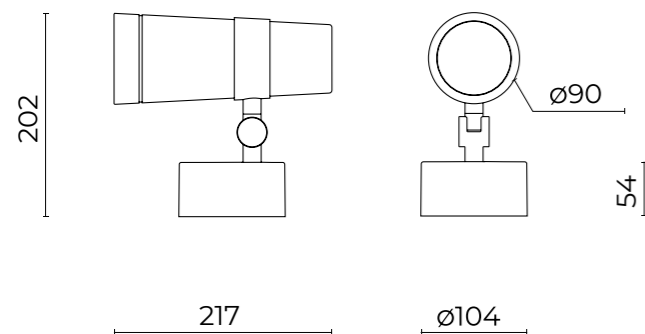
Round zoom

Min. 10°

Max. 45°



## Kono zoom Flood



### DATI TECNICI / TECHNICAL DATA

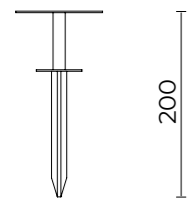
**Installazione / Installation:**  
parete, terra / wall, ground

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

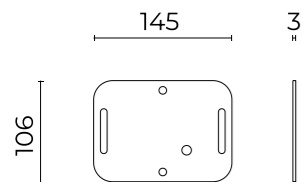
**Ottiche Zoom / Zoom optics:**  
possibilità di regolazione del fascio luminoso dall'esterno, ruotando la ghiera posteriore, con il prodotto installato e acceso per l'ottimizzazione del puntamento / the light beam can be adjusted from outside, by turning the rear ring, while product is installed and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

### COMPLEMENTI / ACCESSORIES

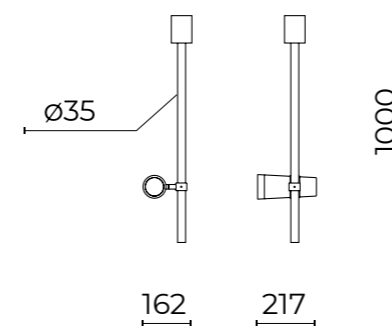
**06KN900CO**  
**B135 - Picchetto per interrimento**  
Picket for ground installation



**06KN901CO**  
**B233 Cinghia di ancoraggio per alberi**  
Ø150-600 mm / Tree lashing strap  
Ø150-600 mm



## Kono zoom Ceiling



### DATI TECNICI / TECHNICAL DATA

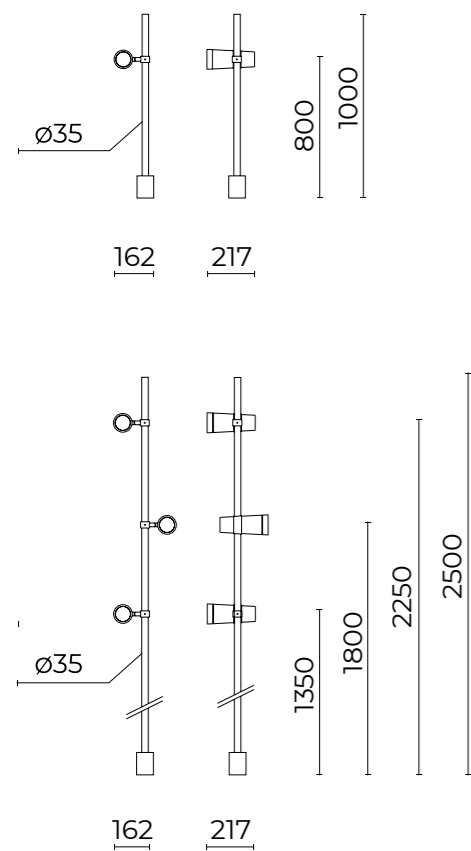
**Installazione / Installation:**  
parete, soffitto / wall, ceiling

**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.



**Kono zoom**  
Bollard



**DATI TECNICI / TECHNICAL DATA**

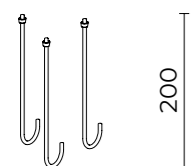
**Installazione / Installation:**  
terra / ground

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

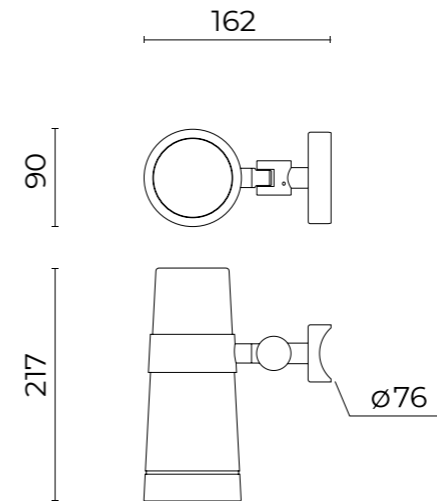
**Ottiche Zoom / Zoom optics:**  
**possibilità di regolazione del fascio luminoso dall'esterno, ruotando la ghiera posteriore, con il prodotto installato e acceso per l'ottimizzazione del puntamento**  
/ the light beam can be adjusted from outside, by turning the rear ring, while product is installed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

**COMPLEMENTI / ACCESSORIES**

**06PY999X0**  
**B168 Kit Tirafondi M6x200**  
B168 Anchoring bolts kit M6x200



**Kono zoom**  
Pole



**DATI TECNICI / TECHNICAL DATA**

**Installazione / Installation:**  
terra / ground

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

**COMPLEMENTI / ACCESSORIES**

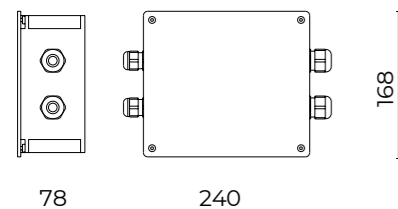
**06KN905C0**  
**Palo H = 4000 mm Ø 76 mm per installazione di max N. 3 Kono / Pole H = 4000 mm Ø 76 mm for the installation of maximum N. 3 Kono**



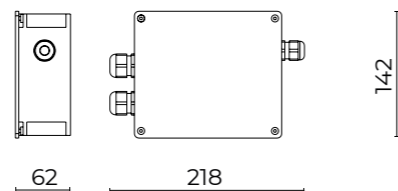
## Kono zoom

### COMPLEMENTI / ACCESSORIES

**06KN906X0**  
D14 Kit driver 20W-24V IP66 N.2 Kono zoom



**06KI905X0**  
D9 Kit dimmer RGBW - TW DALI 1 modulo  
D9 Kit dimmer RGBW - TW DALI 1 modul



**06KN902X0**  
Kit cavo 3m Kono Zoom driver DALI remoto  
Kit cable 3m Kono zoom driver DALI external

**06KN903X0**  
Kit cavo 5m Kono Zoom driver DALI remoto  
Kit cable 5m Kono zoom driver DALI external

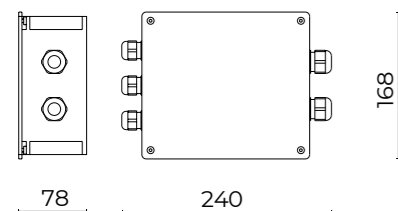
**06KN904X0**  
Kit cavo 9m Kono Zoon driver DALI remoto  
Kit cable 9m Kono zoom driver DALI external

**06KI912X0**  
Kit cavo 3m RGBW-TW  
Kit cable 3m RGBW-TW

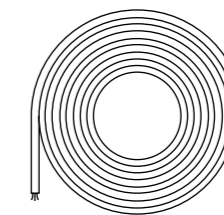
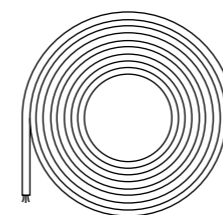
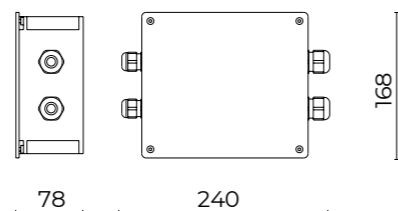
**06KI913X0**  
Kit cavo 5m RGBW-TW  
Kit cable 5m RGBW-TW

**06KI914X0**  
Kit cavo 9m RGBW-TW  
Kit cable 9m RGBW-TW

**06KN907X0**  
D15 Kit driver 40W-24V IP66 max N.3 Kono zoom



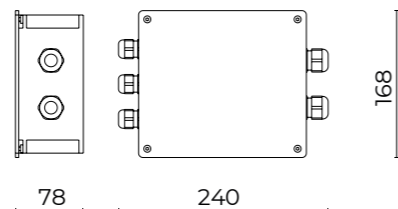
**06KI906X0**  
D10 Kit dimmer RGBW - TW DALI 2 moduli  
D10 Kit dimmer RGBW - TW DALI 2 modules



**06KN908X0**  
D16 Kit driver DALI 75W-24V IP66 max N.6 Kono zoom



**06KI907X0**  
D11 Kit dimmer RGBW - TW DALI 3 moduli  
D11 Kit dimmer RGBW - TW DALI 3 modules



**06KN909X0**  
Kit morsetto 5 poli connessione N.1 Kono zoom RGBW-TW  
Kit 5-pole terminal block N.1 Kono zoom RGBW-TW

# 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.





220 240V	50 60Hz	CL II	IP66 *	IP65 **	IK10	ta -30°C +50°C
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\* 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

## STATIC WHITE LIGHT

-  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** / Stem pole:  
alluminio estruso  
extruded aluminium alloy

**Gruppo ottico** / Optical unit:  
PMMA opale diffondente  
wide opal PMMA

**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 895 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

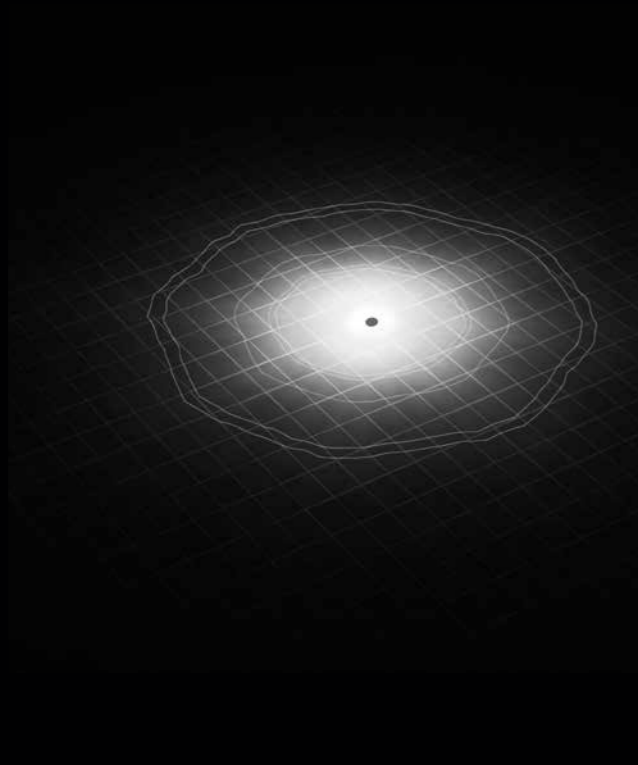
**Installazione** / Installation:  
terra, parete / ground, wall

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

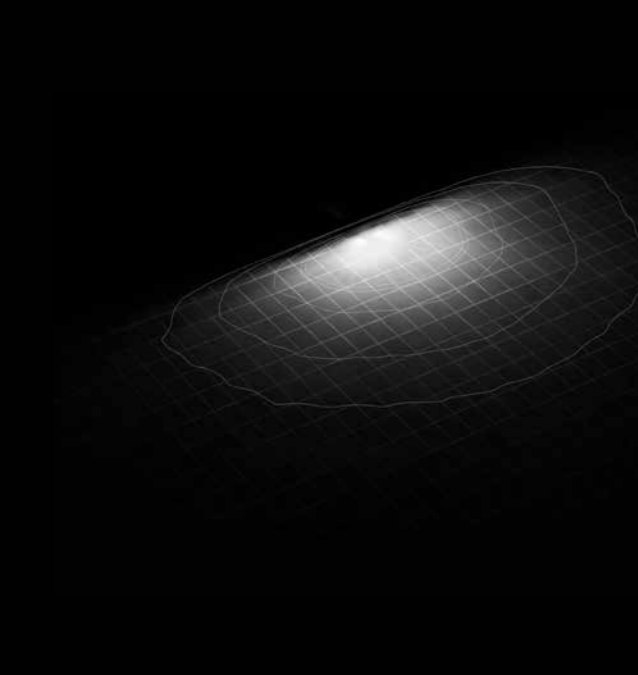


OTTICHE / OPTICS

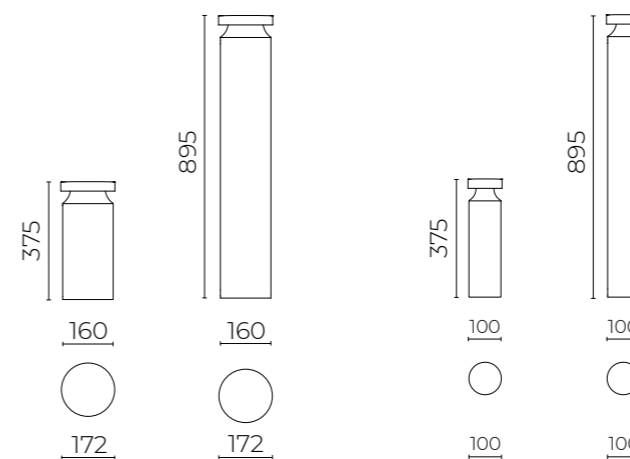
RS-D 360° Rotosymmetric Diffused Beam



AD 180° Asymmetric Diffused Beam (only Bamboo)

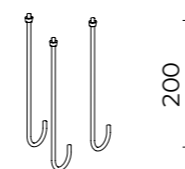


Bamboo & Bamboo mini  
Bollard

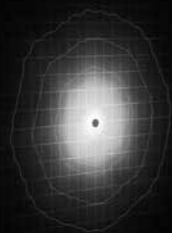


COMPLEMENTI / ACCESSORIES

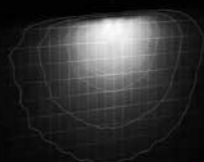
**06PY999X0**  
**Kit tirafondi**  
Anchoring bolts kit 30



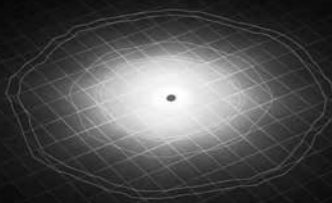
RS-D 360° Rotosymmetric Diffused Beam



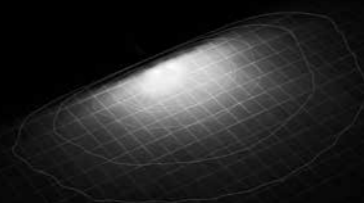
AD 180° Asymmetric Diffused Beam (only Bamboo)



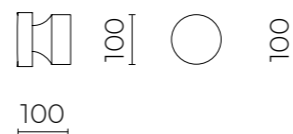
RS-D 360° Rotosymmetric Diffused Beam



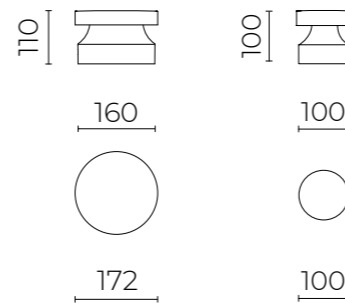
AD 180° Asymmetric Diffused Beam (only Bamboo)



**Bamboo & Bamboo mini**  
Wall

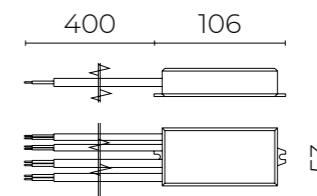


Grazer



**COMPLEMENTI / ACCESSORIES**

**06BM902X0**  
**D8 - Driver DALI 30W 350mA IP68**  
 D8 - DALI driver 30W 350mA IP68



# 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
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#### 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

#### STATIC WHITE LIGHT

- 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

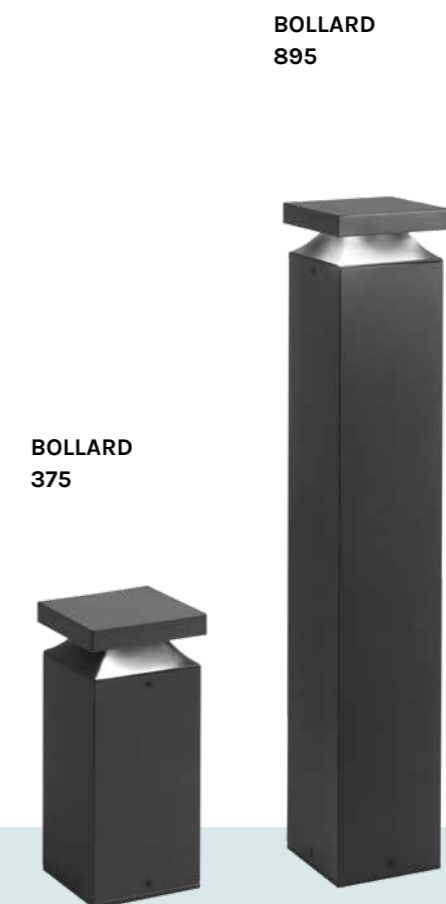
**Peso massimo** / Max weight:  
3,5 kg (375 mm), 6 kg (895 mm)

**Alimentazione elettronica** / Electronic power supply:  
inclusa / included

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

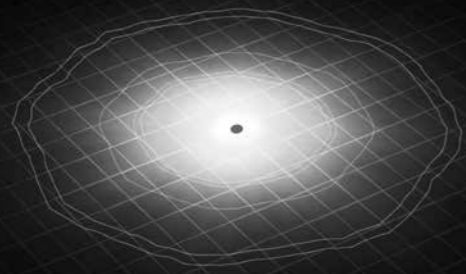
**Installazione** / Installation:  
terra / ground

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

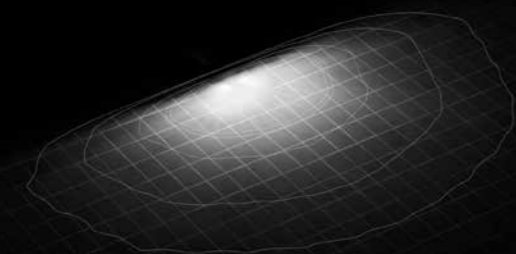


OTTICHE / OPTICS

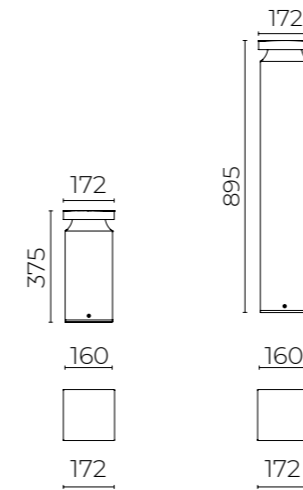
RS-D 360° Rotosymmetric Diffused Beam



AD 180° Asymmetric Diffused Beam

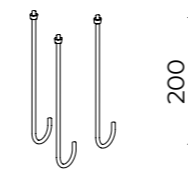


Iota  
Bollard



COMPLEMENTI / ACCESSORIES

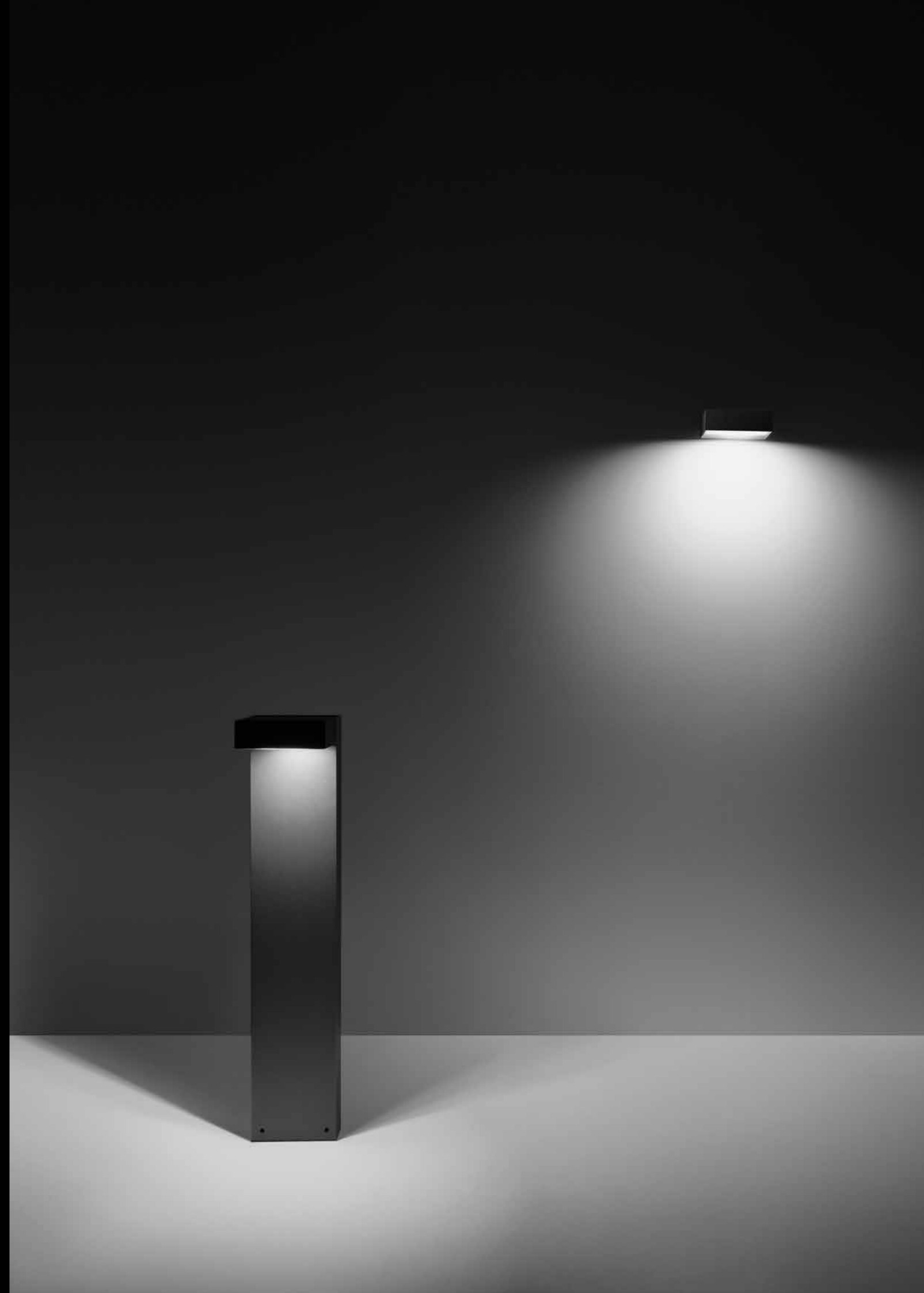
**06PY999X0**  
**Kit tirafondi**  
Anchoring bolts kit



# 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.





220 240V	50 60Hz	CL II	IP66	IK08	ta -30°C +50°C
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#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio** / Fitting flux:  
500 - 550 lm (wall), 460 - 500 lm (single bollard)

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

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

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

#### STATIC WHITE LIGHT

- 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:  
Wall ON-OFF inclusa, Wall DALI esclusa  
Bollard ON-OFF e DALI inclusa / ON-OFF Wall included,  
DALI Wall external, ON-OFF and DALI Bollard included

**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

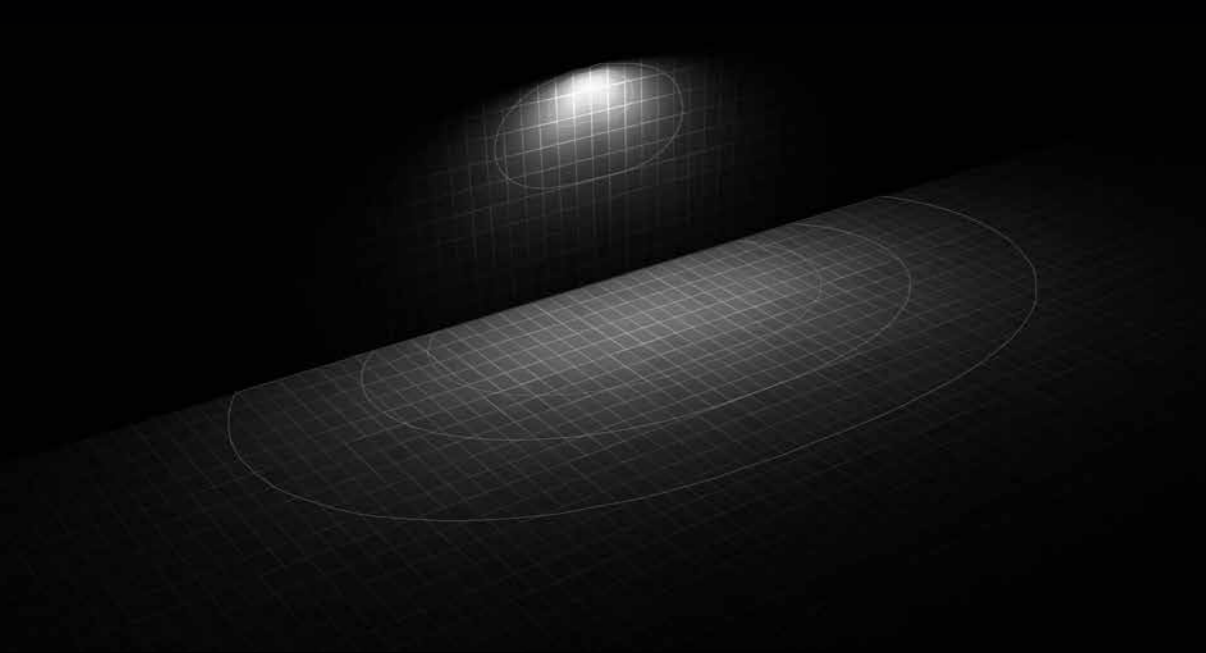
BOLLARD  
1000 DOUBLE

BOLLARD  
500

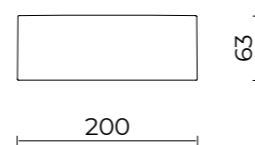
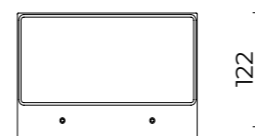


OTTICHE / OPTICS

AS-D Asymmetric Diffused Beam

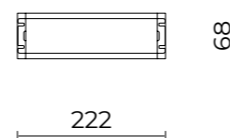


Lit xs  
Wall

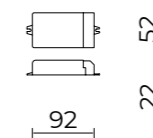


COMPLEMENTI / ACCESSORIES

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

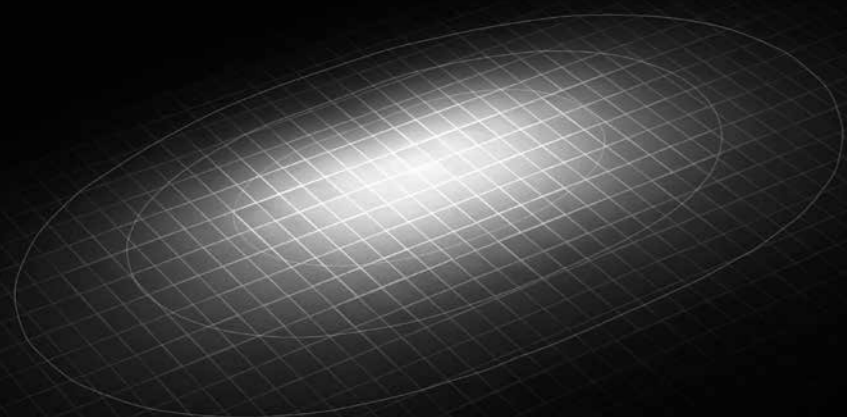


**06LX900X0**  
**B176 - Driver DALI 16W IP20**  
DALI driver 16W IP20

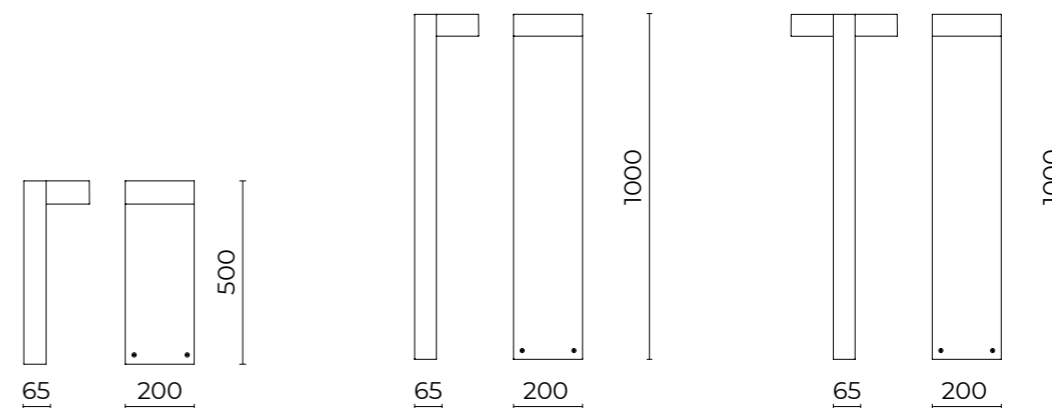


OTTICHE / OPTICS

AS-D Asymmetric Diffused Beam

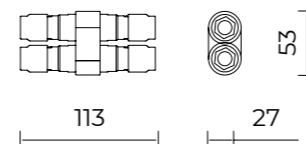


**Lit xs**  
Bollard

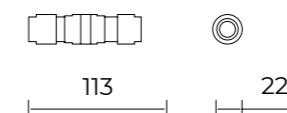


COMPLEMENTI / ACCESSORIES

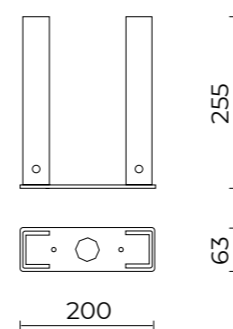
**06KS909C0**  
**B89 - Connettore 4 vie 4 poli IP68**  
4-way connector IP68



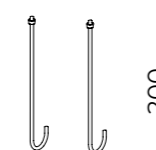
**06KS918C0**  
**B137 - Connettore 2 vie 4 poli IP68**  
2-way connector IP68



**06AP904X0**  
**Kit supporto estruso**  
Extruded support kit



**06LT931J0**  
**Kit tirafondi**  
Metal anchors kit



# 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.







#### 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:**  
Wall ON-OFF inclusa, DALI esclusa  
Bollard ON-OFF e DALI inclusa / ON-OFF Wall included, DALI Wall external, ON-OFF and DALI Bollard 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-esce / bollard version is supplied with cable and connector. Wall-recessed version with rear cable entry and pre-wired 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

#### STATIC WHITE LIGHT

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



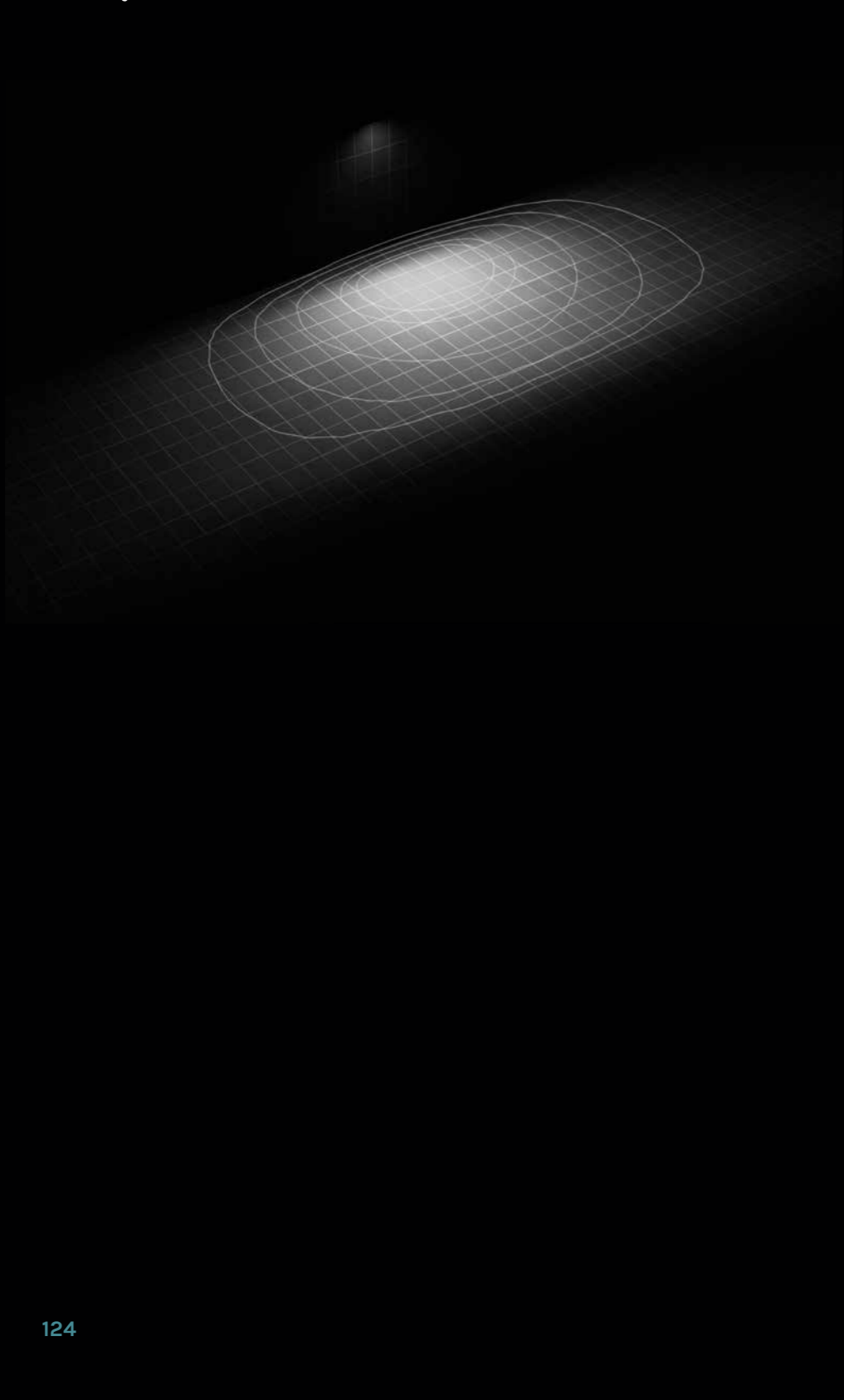
**INCASSO PARETE**  
WALL RECESSED



**BOLLARD**

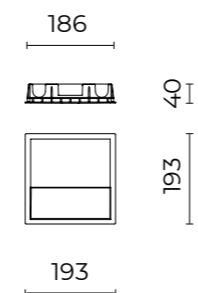
OTTICHE / OPTICS

AS-D Asymmetric Diffused Beam





Aplos

Incasso parete / Wall recessed



COLORI / COLOURS

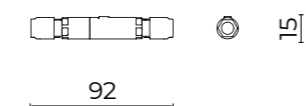
-  SABLÉ 100 NOIR
-  RAL9006
-  CORTEN
-  RAL9003

COMPLEMENTI / ACCESSORIES

06AP902X0

M2 - Connettore IP68 3P CL I

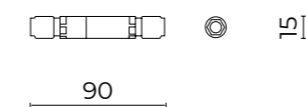
Connector IP68 3P CL I



06AP901X0

M1 - Connettore IP68 2P CL III DALI

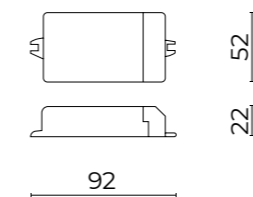
Connector IP68 2P CL III DALI



06LX900X0

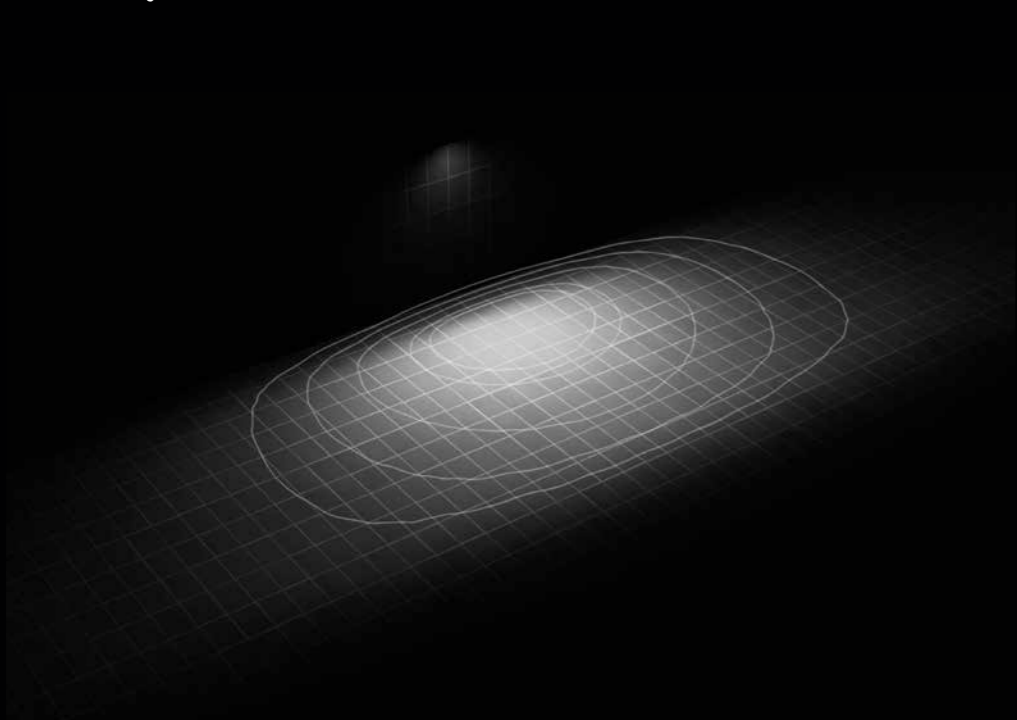
B176 Driver 16W IP20 DALI

Driver 16W IP20 DALI



OTTICHE / OPTICS

AS-D Asymmetric Diffused Beam



**Aplos**  
Bollard

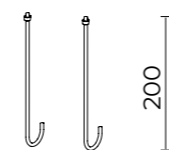


**COLORI / COLOURS**

- SABLÉ 100 NOIR
- RAL9006
- CORTEN

**COMPLEMENTI / ACCESSORIES**

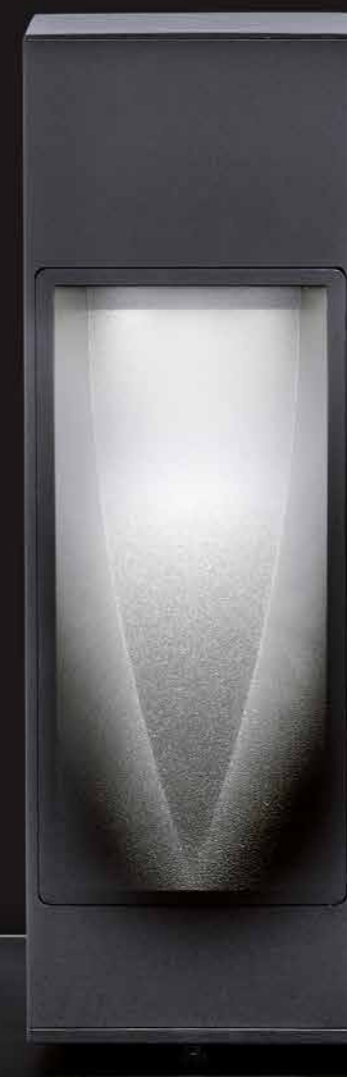
**06LT931J0**  
**B168 - Kit tirafondi**  
Kit metal anchors



# 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.



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

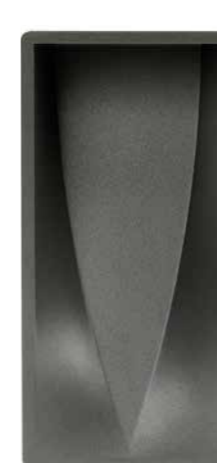
**Corpo** / Body:  
pressofusione di lega d'alluminio UNI EN AB 47100  
(contenuto rame < 1%), palo in alluminio estruso  
die-cast aluminum alloy UNI EN AB 47100 (copper  
content < 1%), extruded aluminium pole

**Schermo** / Screen:  
vetro piano sabbaiato / 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

#### STATIC WHITE LIGHT

- 3000 K
- 4000 K



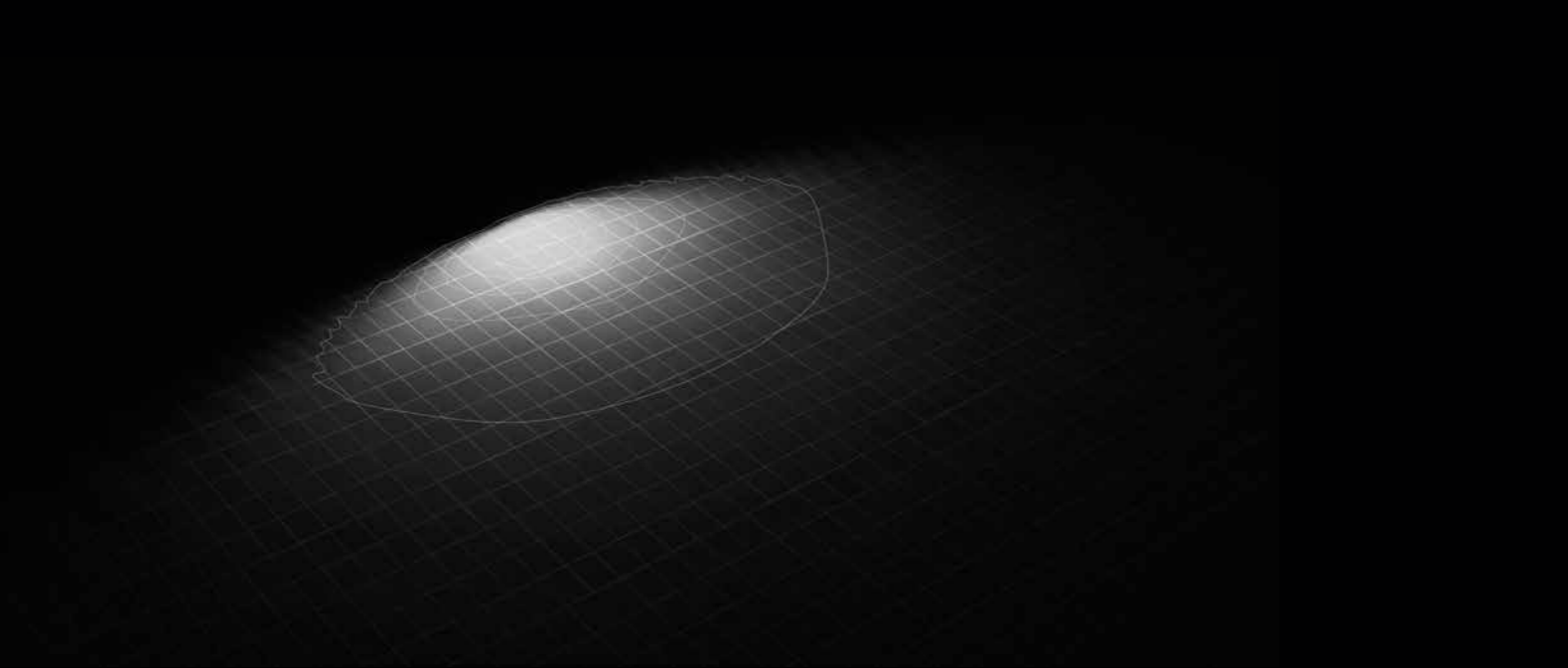
**INCASSO PARETE**  
WALL RECESSED



**BOLLARD**

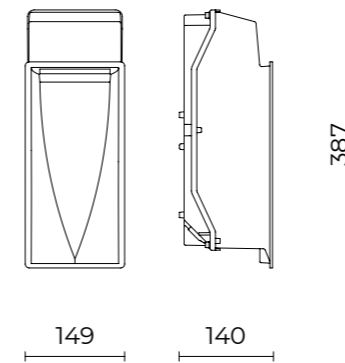
OTTICHE / OPTICS

AS-D Asymmetric Diffused Beam



Fin

Incasso parete / Wall recessed



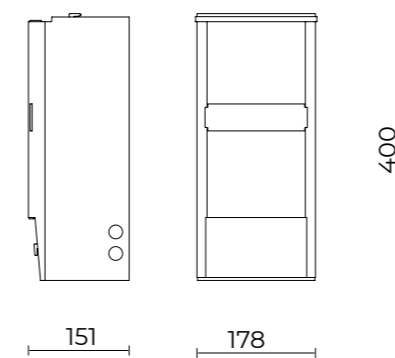
COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- RAL9003

COMPLEMENTI / ACCESSORIES

06FI990JO

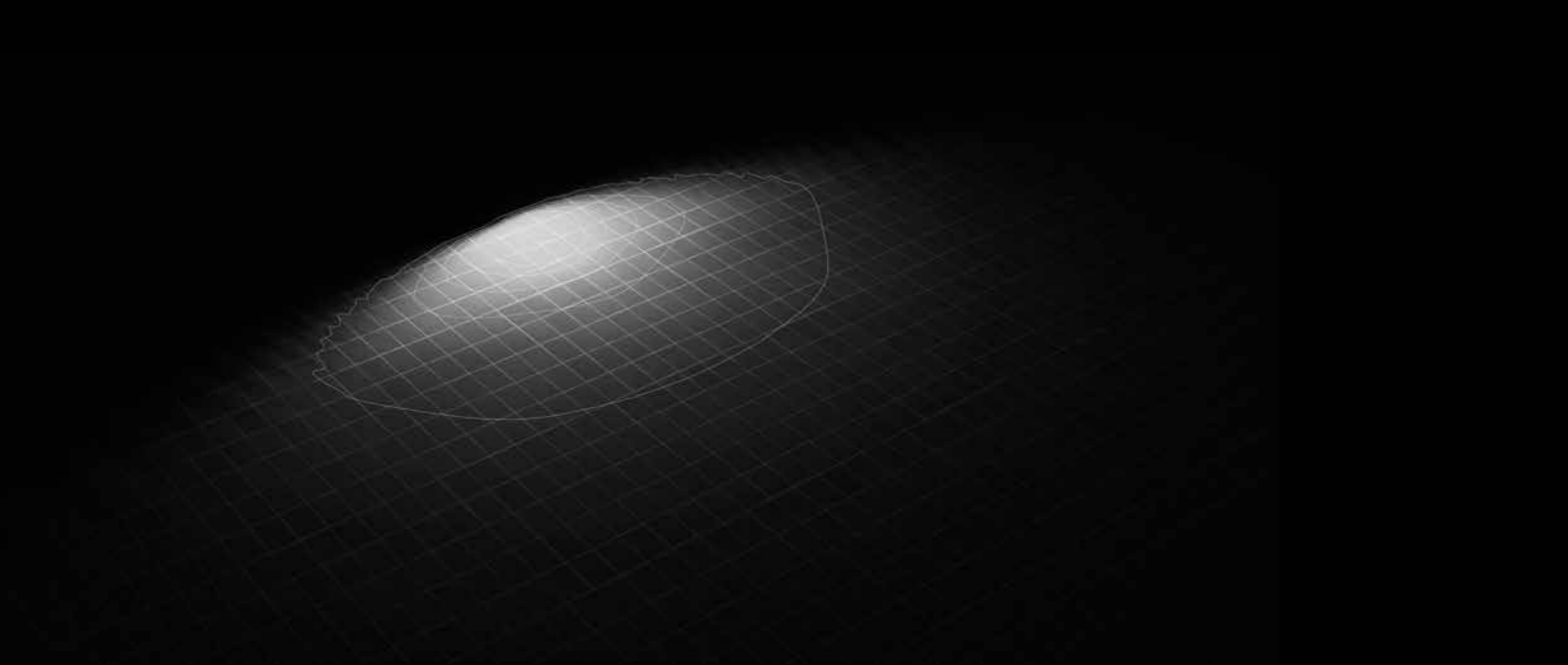
Controcassa per installazione a parete  
Recessed housing for wall-mounting



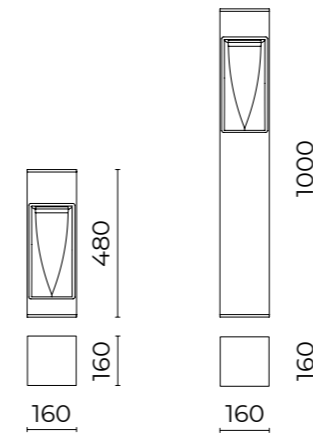


OTTICHE / OPTICS

AS-D Asymmetric Diffused Beam



**Fin**  
Bollard



**COLORI / COLOURS**

- SABLÉ 100 NOIR
- RAL9006

**COMPLEMENTI / 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.





220 240V	50 60Hz	CL II	IP65	IK06	ta -30°C +50°C
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#### 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 sabbato / 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

#### STATIC WHITE LIGHT

- 3000 K
- 4000 K

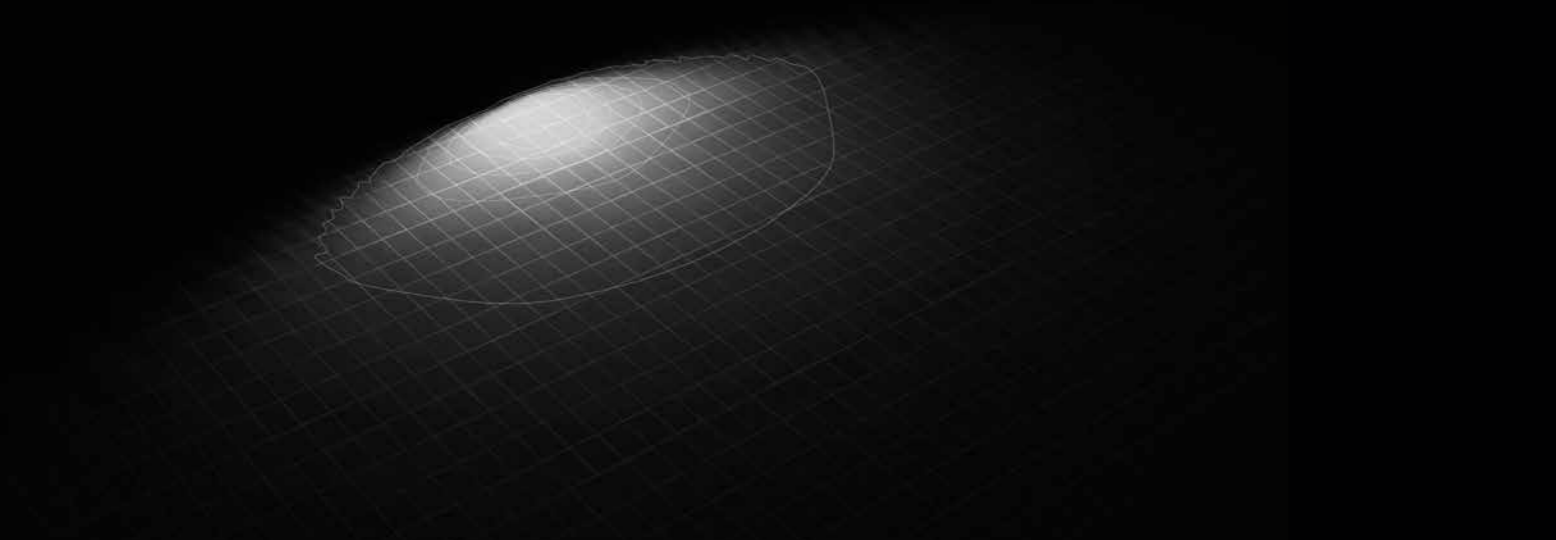


**INCASSO PARETE**  
WALL RECESSED

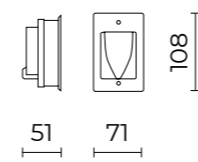
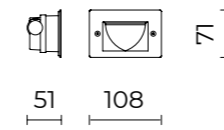


**BOLLARD**



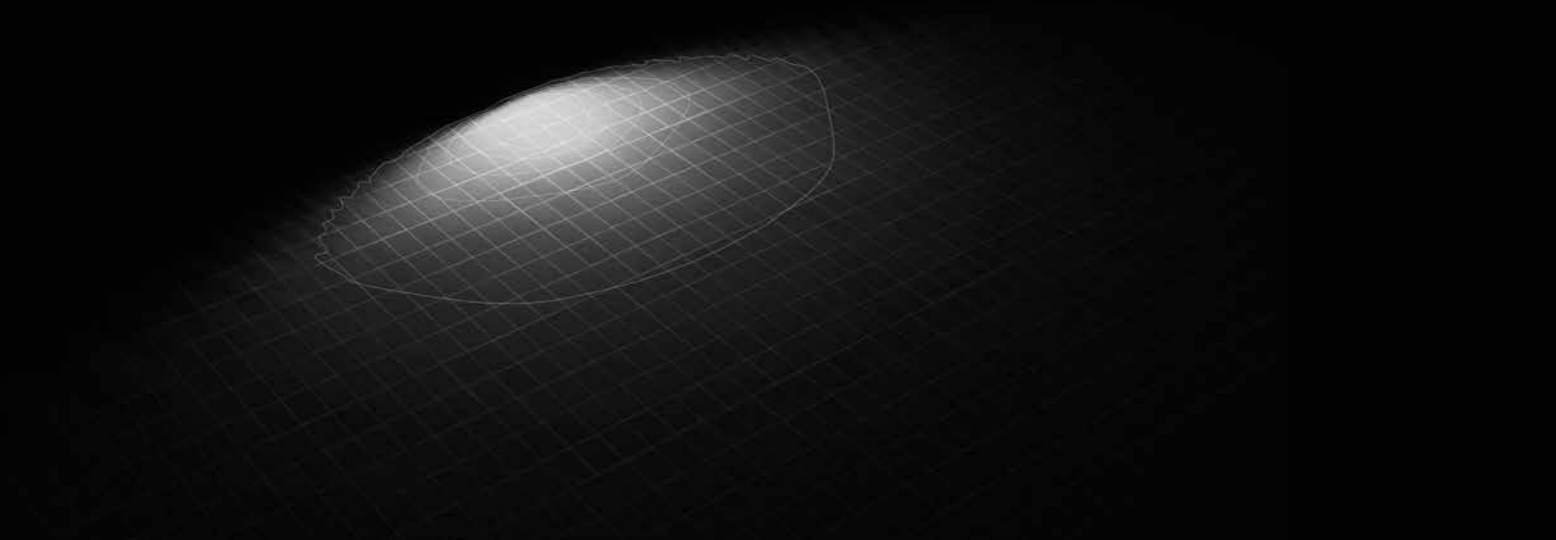


**Fin xs**  
Incasso Parete / Wall recessed

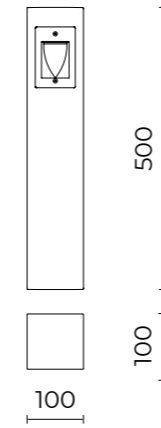


OTTICHE / OPTICS

AS-D Asymmetric Diffused Beam

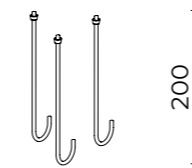


**Fin xs**  
Bollard



COMPLEMENTI / ACCESSORIES

**06PY999X0**  
**Kit tirafondi**  
Anchoring bolts kit



CELLE LIGURE  
Italy



# 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.







\* 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)**STATIC WHITE LIGHT**

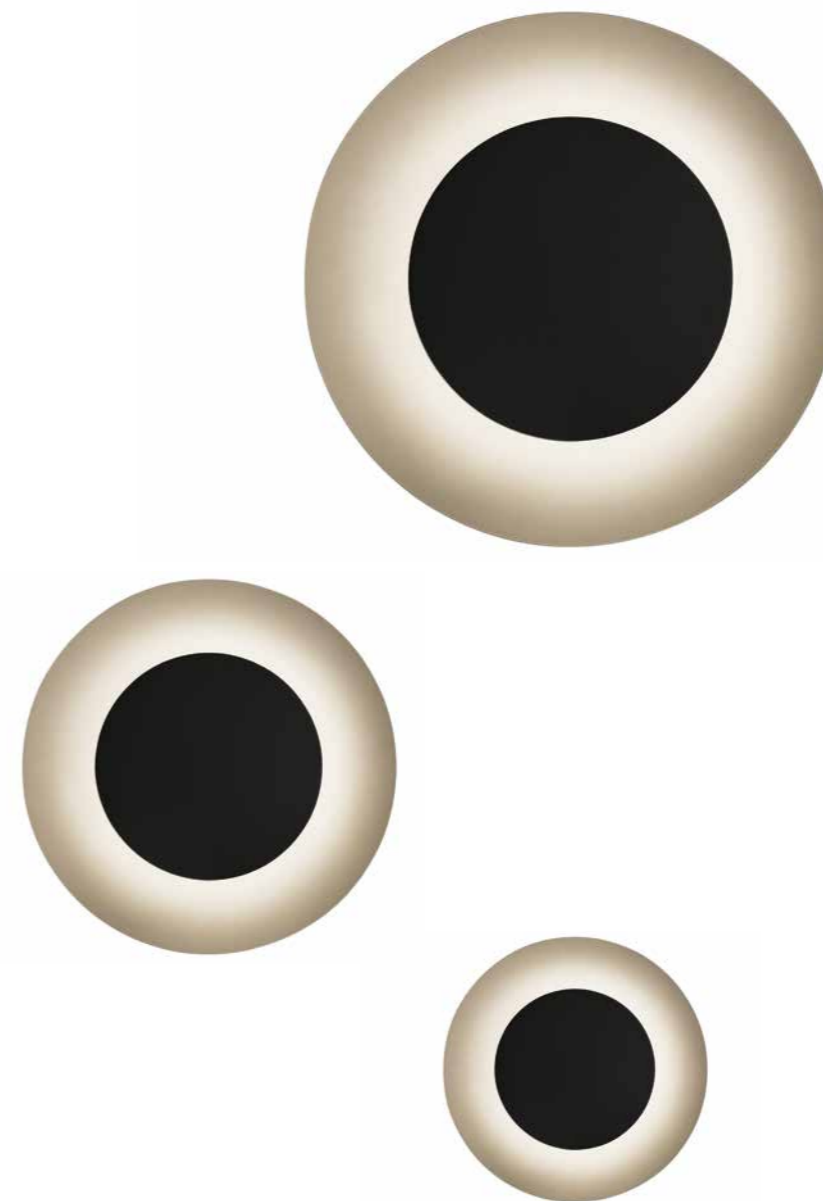
2700 K

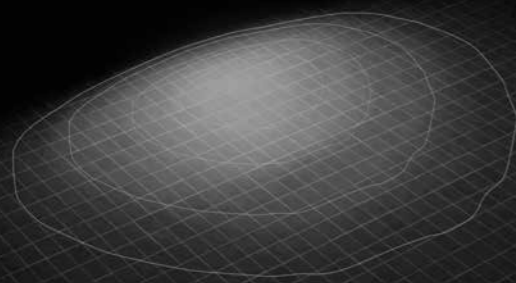
3000 K

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:**ON-OFF inclusa, DALI (su richiesta), inclusa versioni  
medium e large / ON-OFF included, DALI (on request)  
included medium and large version**Installazione / Installation:**parete, soffitto, bollard, palo / wall, ceiling,  
bollard, pole

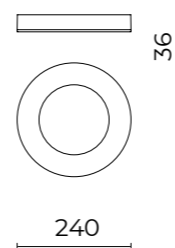


## Ekleipsis

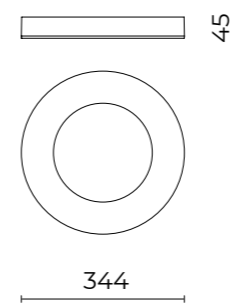
Parete / Wall



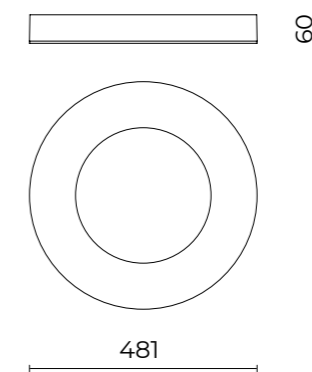
SMALL



MEDIUM



LARGE



### DATI TECNICI / TECHNICAL DATA

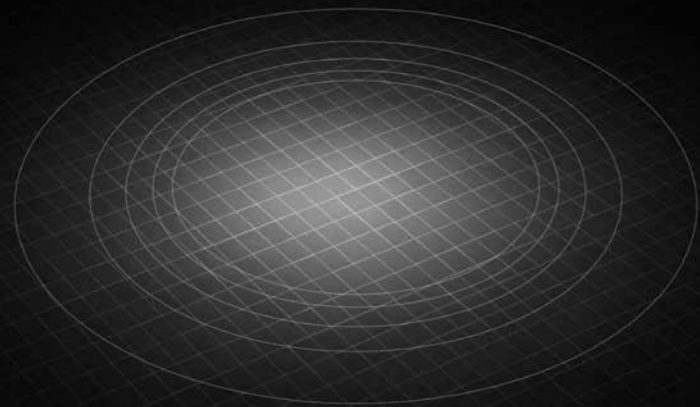
**Peso massimo / Max weight:**  
1,3 kg (small), 2,4 kg (medium), 5 kg (large)

**Installazione / Installation:**  
parete / wall-mounted

### COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- RAL9003

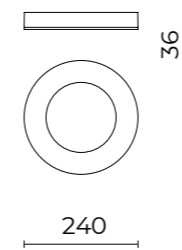




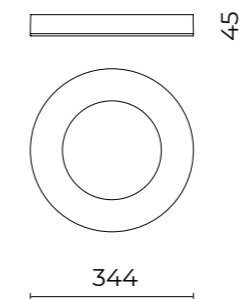
**Ekleipsis**  
Soffitto / Ceiling



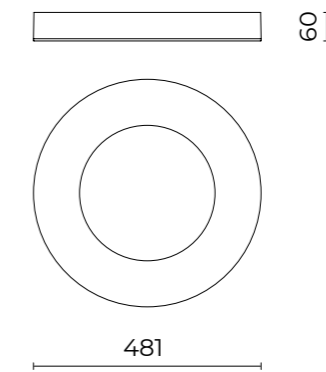
SMALL



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

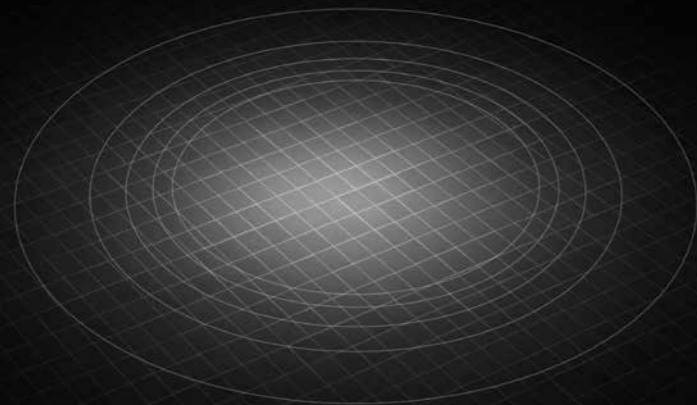
**COLORI / COLOURS**

-  SABLÉ 100 NOIR
-  RAL9006
-  RAL9003



OTTICHE / OPTICS

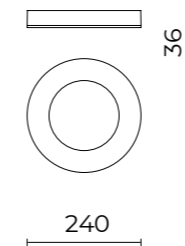
R-D Rotosymmetric Diffused Beam



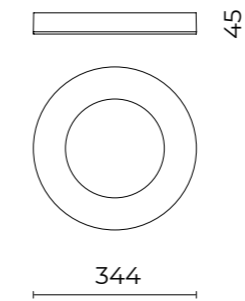
Ekleipsis

Incasso soffitto / Ceiling recessed

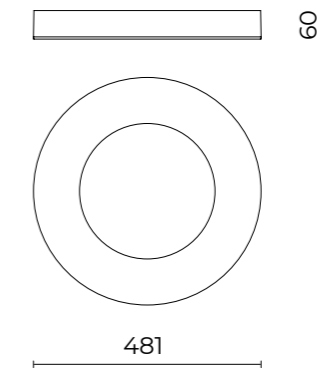
SMALL



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

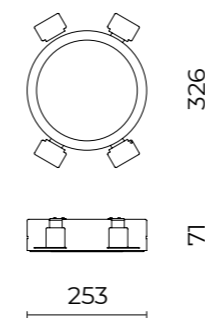
COLORI / COLOURS

-  SABLÉ 100 NOIR
-  RAL9006
-  RAL9003

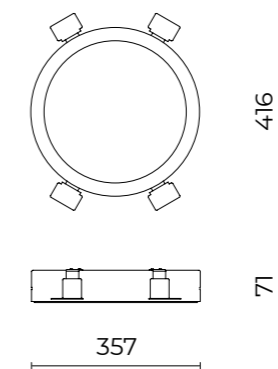
COMPLEMENTI / ACCESSORIES

**Kit incasso per soffitti in cartongesso**  
Recessed kit for plasterboard ceilings

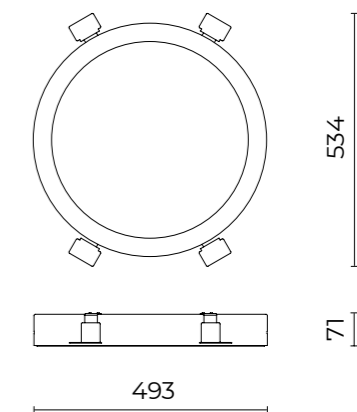
**06EK900J**  
Small



**06EK901J**  
Medium

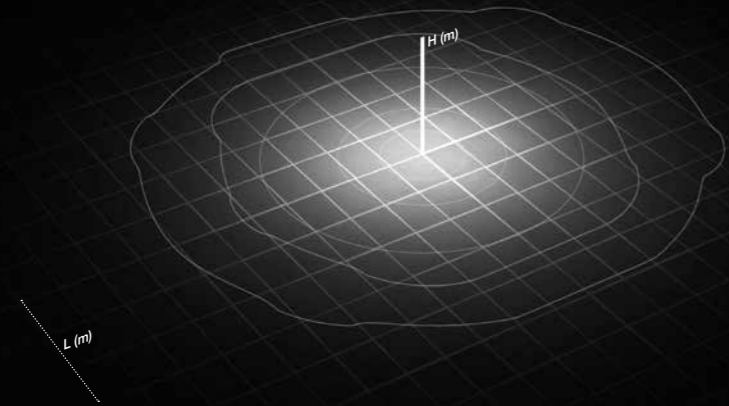


**06EK902J**  
Large



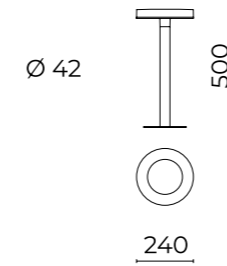


R-D Rotosymmetric Diffused Beam

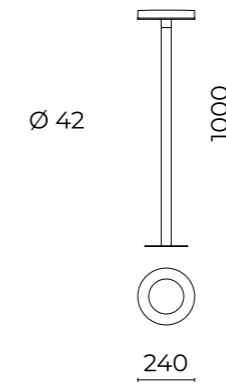


## Ekleipsis Bollard

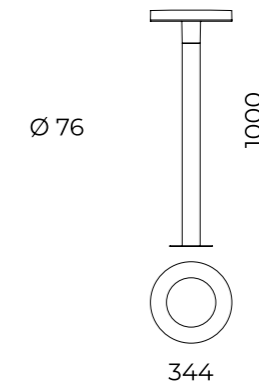
SMALL 500



SMALL 1000



MEDIUM 1000



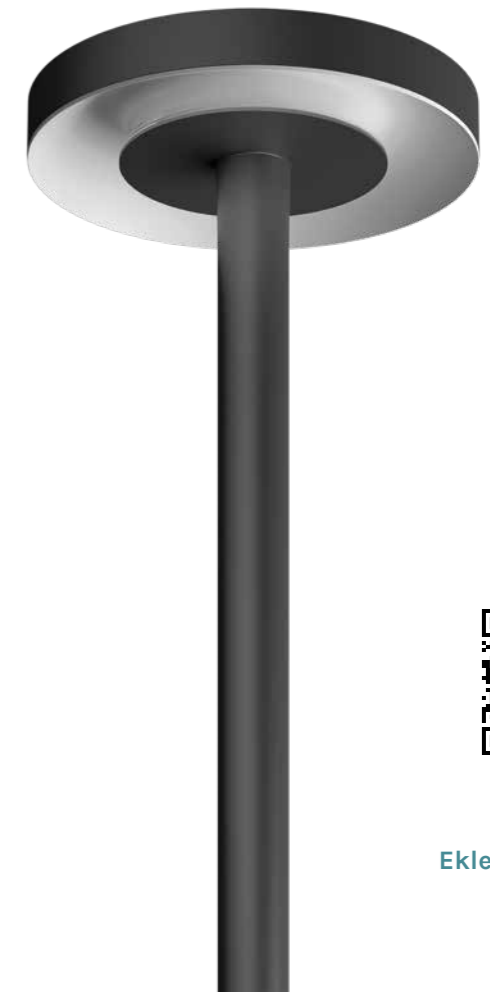
### DATI TECNICI / TECHNICAL DATA

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

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

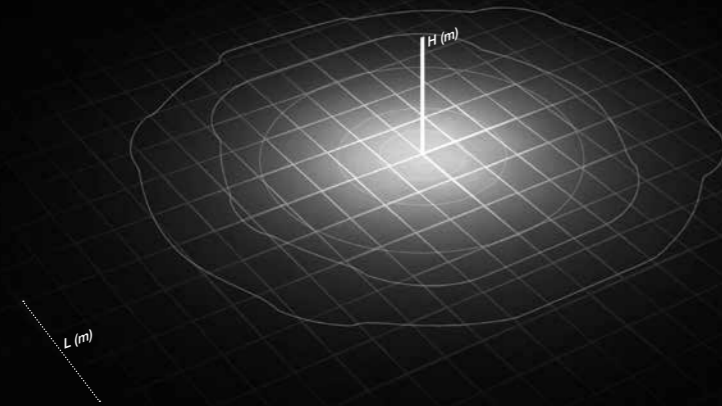
### COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006



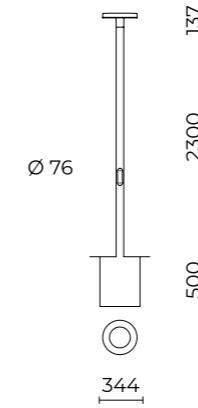
OTTICHE / OPTICS

R-D Rotosymmetric Diffused Beam

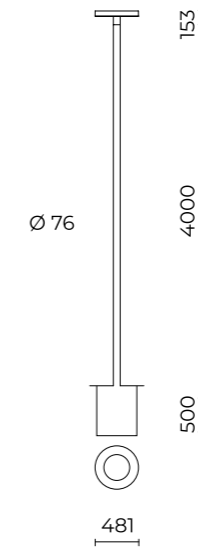


**Ekleipsis**  
Palo / Pole

MEDIUM



LARGE



**DATI TECNICI / TECHNICAL DATA**

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

**Installazione / Installation:**  
terra, mediante interrimento  
ground, with burried pole

**COLORI / COLOURS**

- SABLÉ 100 NOIR
- RAL9006



# OMIKRON MINI

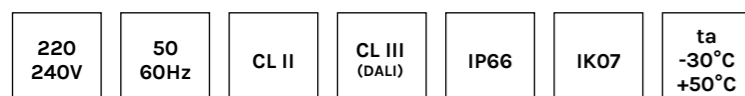
Il proiettore della linea OMIKRON per  
installazione a terra, parete e su palo pensato  
per valorizzare elementi architettonici e naturali,  
enfaticamente facciate e camminamenti.

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.



CELLE LIGURE  
Italy





#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio** / Fitting flux:  
75 - 470 lm

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

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

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

#### STATIC WHITE LIGHT

- 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, vetro acidato (versione con  
ottica U-D 90°) / flat tempered glass; acid-etched glass  
(version with U-D 90° optics)

**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:  
1 kg, 1,5 kg (bollard)

**Alimentazione elettronica** / Electronic power supply:  
ON-OFF inclusa, DALI esterna / ON-OFF included, DALI  
external

**Precablaggio** / pre-wiring:  
incluso, fornito con cavo 1,5 m (flood, bollard) e 5 m  
(pole) / included, provided with 1,5 m cable (flood,  
bollard) and 5 m (pole)

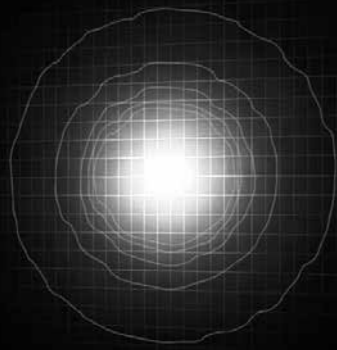
**Installazione** / Installation:  
terra, parete, palo / ground, wall, pole

**Inclinazione** / Inclination:  
+90° -45° sistema di puntamento e blocco in regolazione  
continua / +90° -45° infinitely-adjustable pointing and  
fixing system

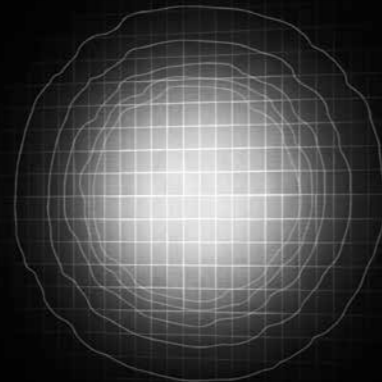


OTTICHE / OPTICS

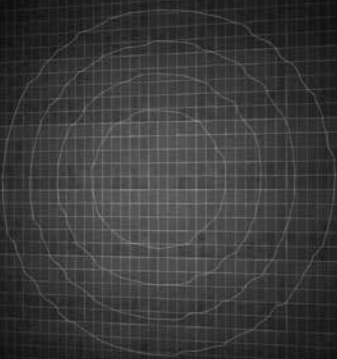
C 10° Narrow Beam



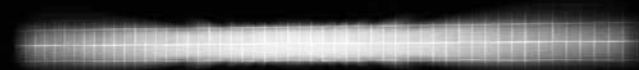
M 25° Medium Beam



U-D 90° Diffused Beam

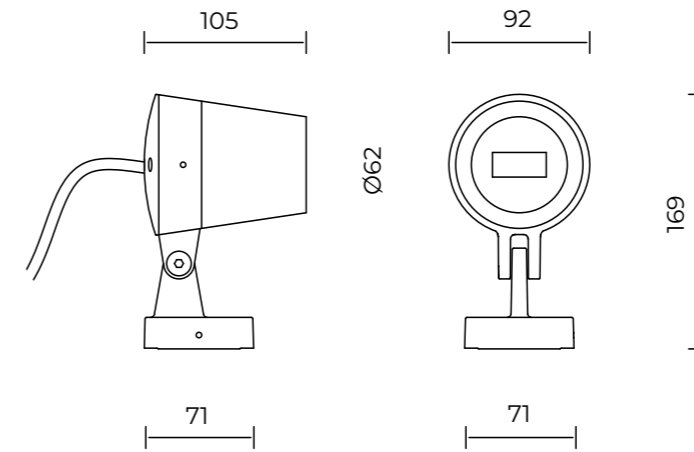


Blade 6°x90° \*



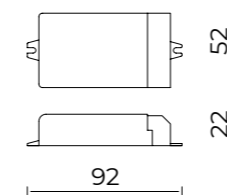
\* optic available only in 3000 K and 4000 K.

Omikron mini  
Flood

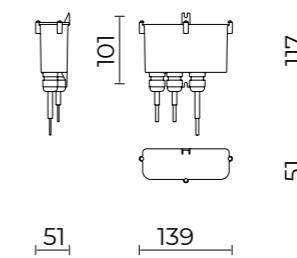


COMPLEMENTI / ACCESSORIES

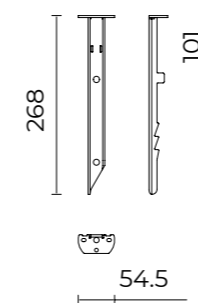
**06OM902X0**  
**D6 - Driver DALI 20W 24V**  
**IP20 max 2 Omikron mini**  
DALI driver 20W 24V IP20  
max 2 Omikron mini



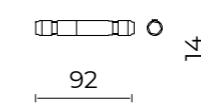
**06OM903X0**  
**D7 - Kit driver DALI 20W 24V**  
**IP67 max 2 mini**  
Driver kit DALI 20W 24V IP67  
max 2 Omikron mini



**06AK957B0**  
**I2 - Picchetto per interramento**  
Spike for ground



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



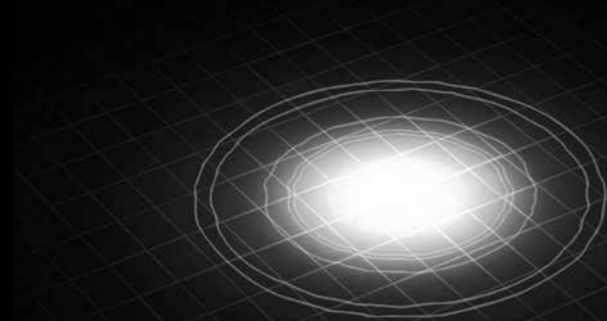
COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- CORTEN
- RAL9003

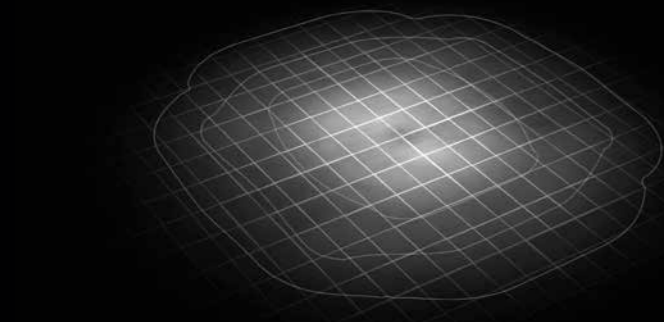


OTTICHE / OPTICS

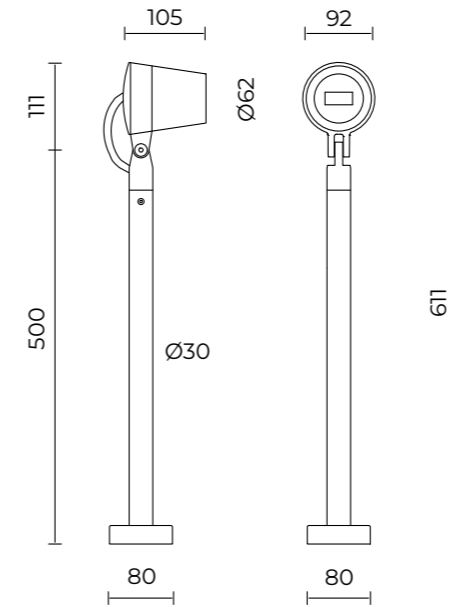
M 25° Medium Beam



U-D 90° Diffused Beam



Omikron mini  
Bollard

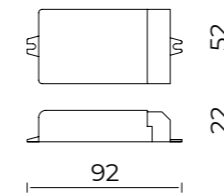


COLORI / COLOURS

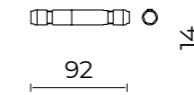
- SABLÉ 100 NOIR
- RAL9006

COMPLEMENTI / ACCESSORIES

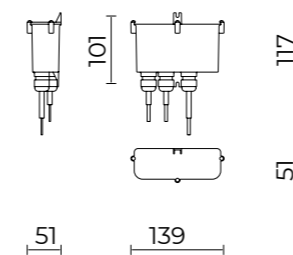
**060M902X0**  
D6 - Driver DALI 20W 24V  
IP20 max 2 Omikron mini  
DALI driver 20W 24V IP20  
max 2 Omikron mini



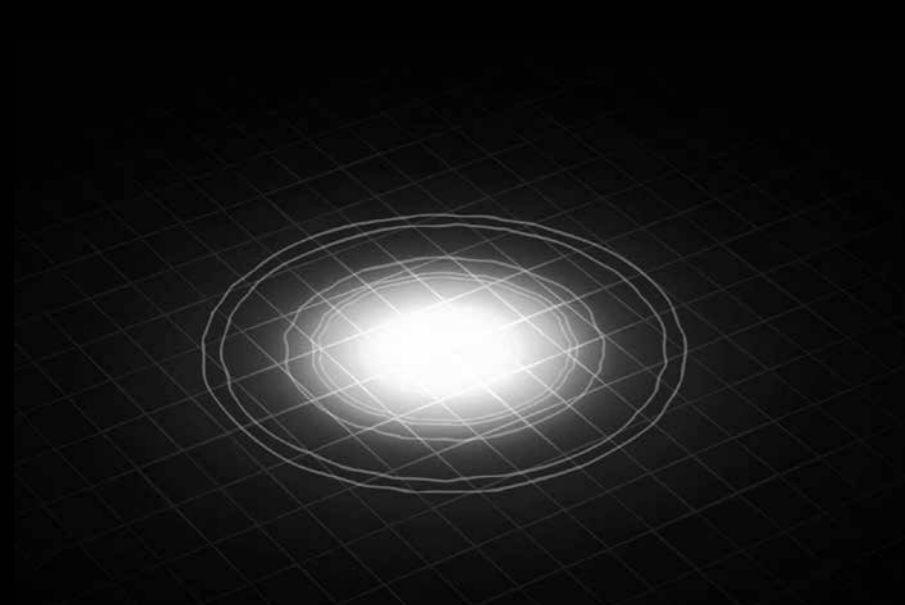
**06GC902X0**  
B165 - Connettore 2 poli  
2 pole connector



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

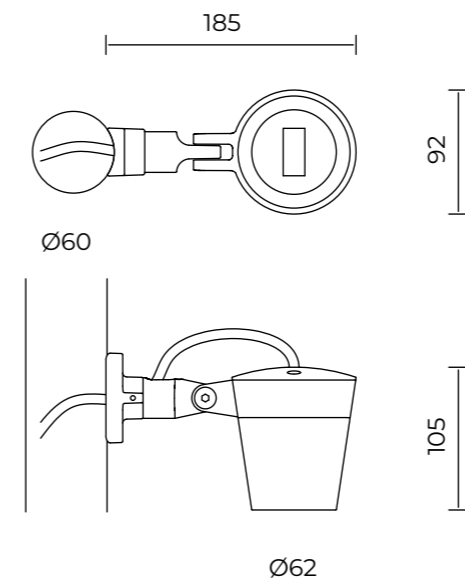


M 25° Medium Beam



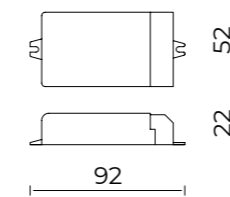
**Omikron mini**

Pole

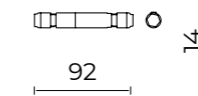


**COMPLEMENTI / ACCESSORIES**

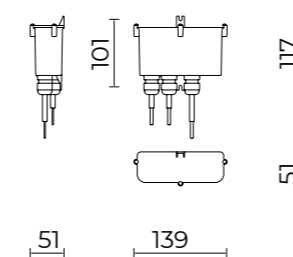
**060M902X0**  
**D6 - Driver DALI 20W 24V**  
**IP20 max 2 Omikron mini**  
 DALI driver 20W 24V IP20  
 max 2 Omikron mini



**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.



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

**STATIC WHITE LIGHT**

- 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, vetro acidato (versione con ottica U-D 90°) / flat tempered glass; acid-etched glass (version with U-D 90° optics)

**Gruppo ottico / Optical unit:**  
lente in tecnopolimero ad alta trasparenza, le versioni con ottica 25° e 45° sono disponibili con honeycomb / highly transparent technopolymer lens, 25° and 45° versions are available with honeycomb

**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 / included

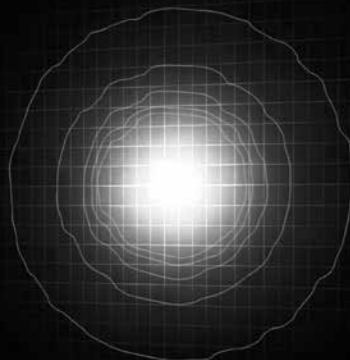
**Precablaggio / pre-wiring:**  
prodotto pre-cablato con cavo / pre-wired product with cable

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

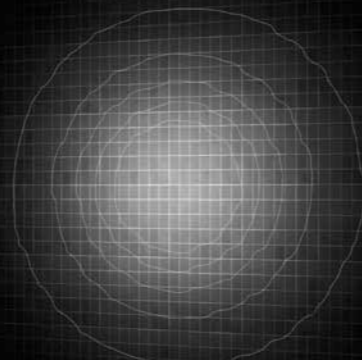


OTTICHE / OPTICS

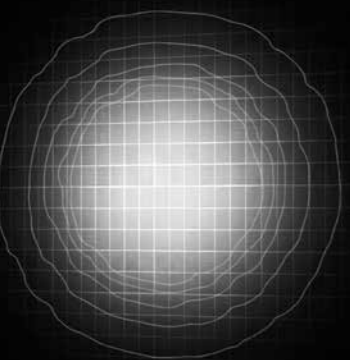
C 10° Narrow Beam



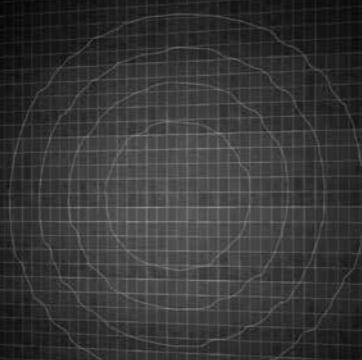
D 45° Wide Beam



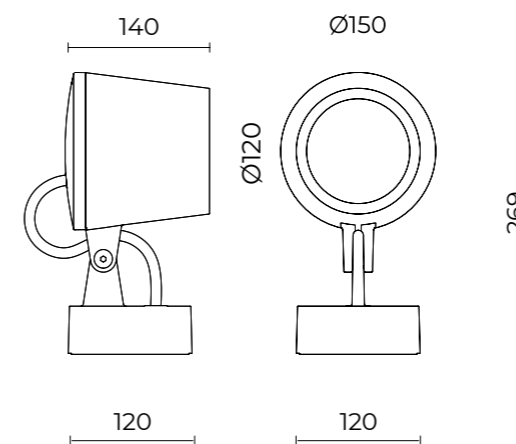
M 25° Medium Beam



U-D 90° Diffused Beam



**Omikron**  
Flood



**DATI TECNICI / TECHNICAL DATA**

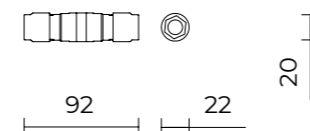
**Installazione / Installation:**  
terra, parete / ground, wall-mounted

Disponibili versioni con honeycomb / versions with honeycomb available

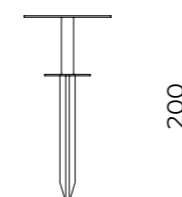
**Inclinazione / Inclination:**  
+90° ÷ -45°, rotazione ±30°  
+90° ÷ -45°, rotation ±30°

**COMPLEMENTI / ACCESSORIES**

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



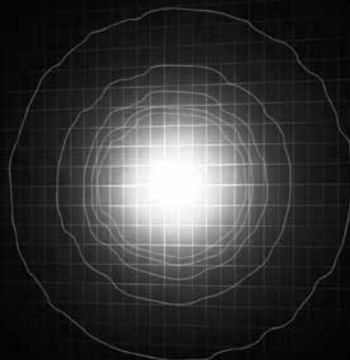
**060M901C0**  
**B135 - Picchetto per interrimento**  
Spike for ground installation



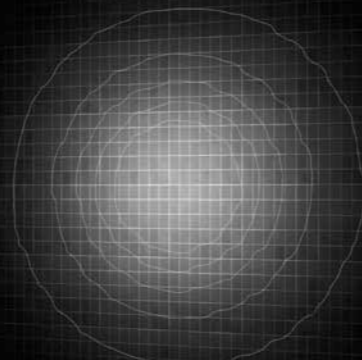


OTTICHE / OPTICS

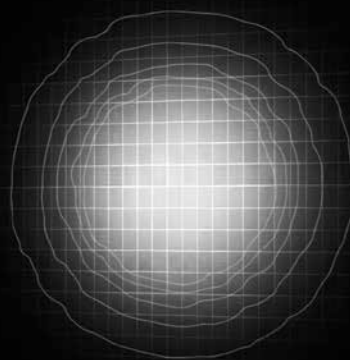
C 10° Narrow Beam



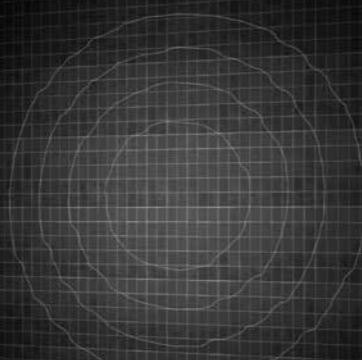
D 45° Wide Beam



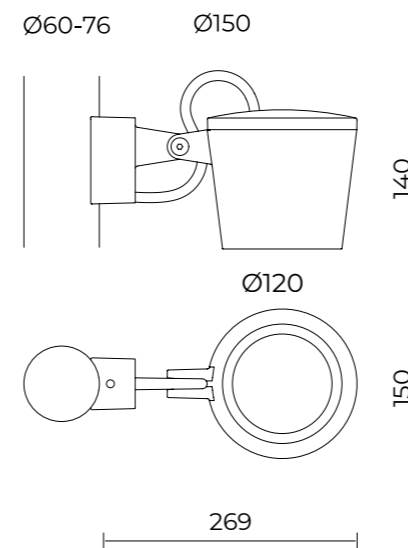
M 25° Medium Beam



U-D 90° Diffused Beam



Omikron  
Pole



DATI TECNICI / TECHNICAL DATA

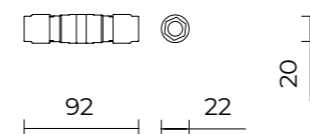
**Installazione / Installation:**  
palo Ø 60 - 76 mm / pole Ø 60-76 mm

Disponibili versioni con honeycomb / versions with honeycomb available

**Inclinazione / Inclination:**  
+90° ÷ -45°

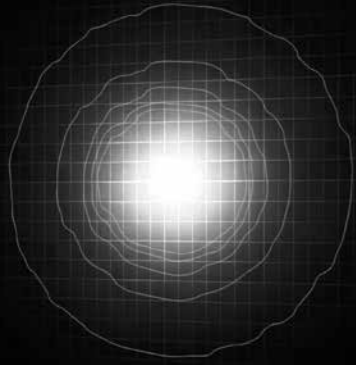
COMPLEMENTI / ACCESSORIES

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

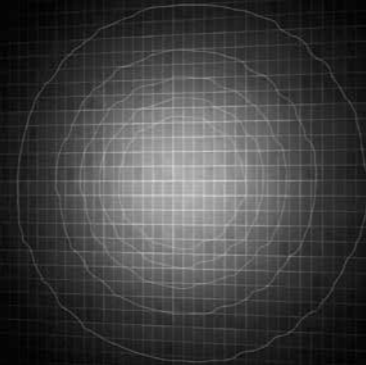


OTTICHE / OPTICS

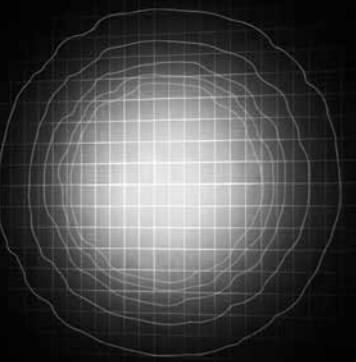
C 10° Narrow Beam



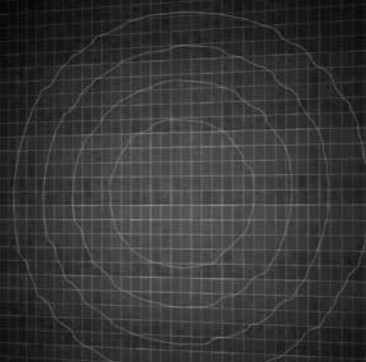
D 45° Wide Beam



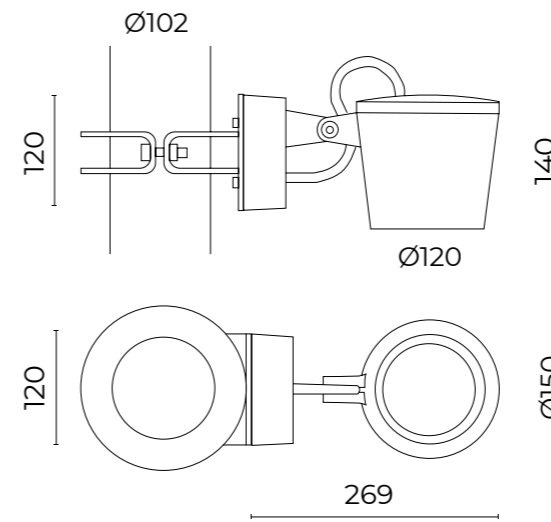
M 25° Medium Beam



U-D 90° Diffused Beam



**Omikron**  
Pole



**DATI TECNICI / TECHNICAL DATA**

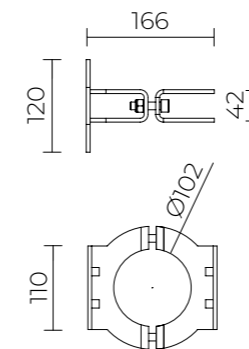
**Installazione / Installation:**  
palo Ø 102 mm / pole Ø 102 mm

Disponibili versioni con honeycomb / versions with honeycomb available

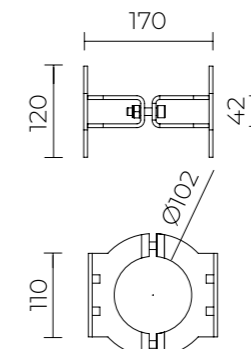
**Inclinazione / Inclination:**  
-90° + 45°, rotazione +15° + -15°  
+90° + -45°, rotation +15° + -15°

**COMPLEMENTI / ACCESSORIES**

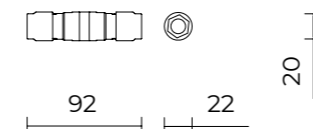
**060M904C0**  
**B136 Anello per palo Ø 102 mm**  
Single pole ring for pole Ø 102 mm



**060M905C0**  
**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



# 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.





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

#### STATIC WHITE LIGHT

- 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

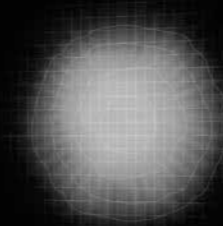


OTTICHE / OPTICS

U-C 6° Ultra-Narrow Beam



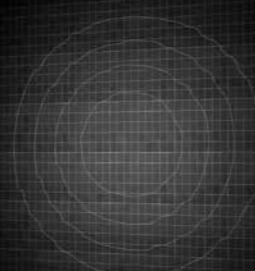
D 40° Wide Beam



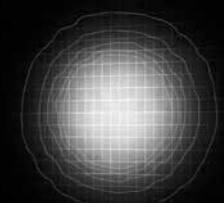
C 11° Narrow Beam



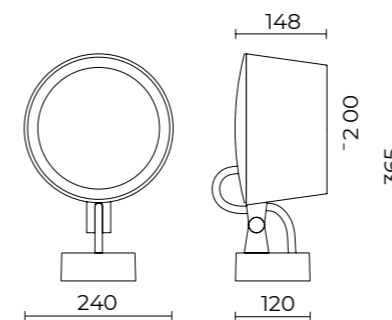
U-D 90° Diffused Beam



M 25° Medium Beam



Omikron pro  
Flood



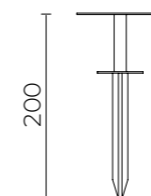
DATI TECNICI / TECHNICAL DATA

**Installazione / Installation:**  
terra, parete / ground

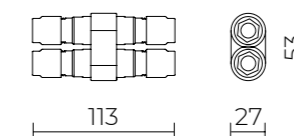
**Inclinazione / Inclination:**  
-90° ÷ +45°, rotazione +15° ÷ -15°  
+90° ÷ -45°, rotation +15° ÷ -15°

COMPLEMENTI / ACCESSORIES

**060M901C0**  
**B135 - Picchetto per interrimento**  
Spike for ground installation



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

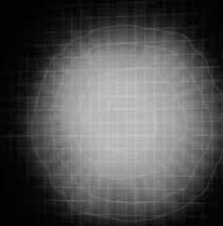


OTTICHE / OPTICS

U-C 6° Ultra-Narrow Beam



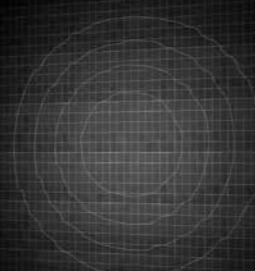
D 40° Wide Beam



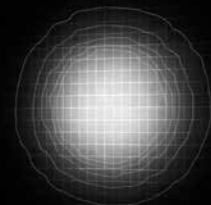
C 11° Narrow Beam



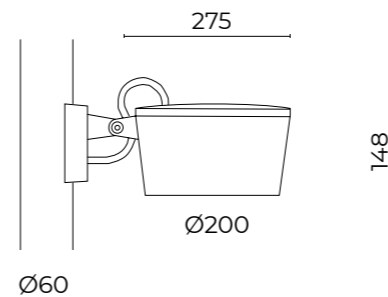
U-D 90° Diffused Beam



M 25° Medium Beam



Omikron pro Pole



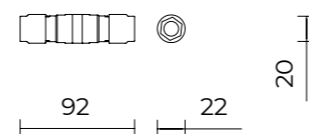
DATI TECNICI / TECHNICAL DATA

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

Inclinazione / Inclination: +90° ÷ -45°

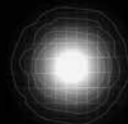
COMPLEMENTI / ACCESSORIES

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

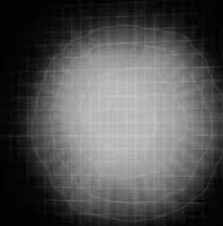


OTTICHE / OPTICS

U-C 6° Ultra-Narrow Beam



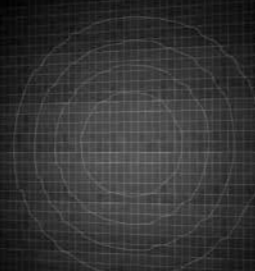
D 40° Wide Beam



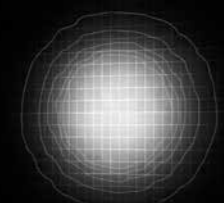
C 11° Narrow Beam



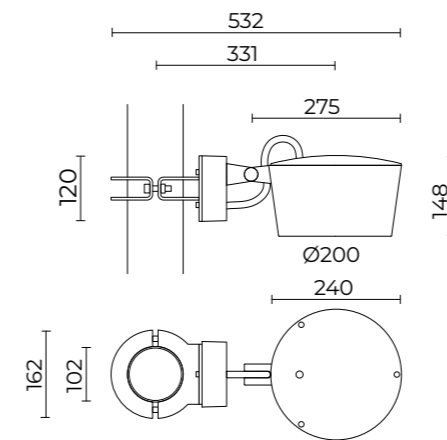
U-D 90° Diffused Beam



M 25° Medium Beam



Omikron pro  
Pole



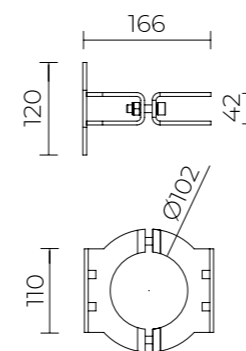
DATI TECNICI / TECHNICAL DATA

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

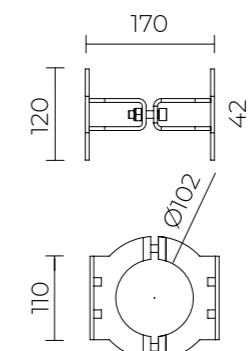
**Inclinazione / Inclination:**  
+90° ÷ -45°, rotazione +15° ÷ -15°  
+90° ÷ -45°, rotation +15° ÷ -15°

COMPLEMENTI / ACCESSORIES

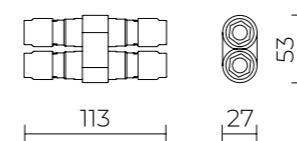
**06OM904C0**  
**B136 - Anello per palo**  
Ring for pole



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



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

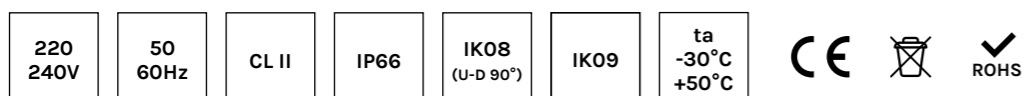


# SIGMA

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.



**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

**STATIC WHITE LIGHT**

- 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:**  
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

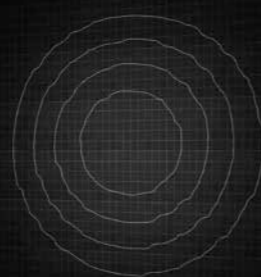


## OTTICHE / OPTICS

U-C 6° Ultra-Narrow Beam



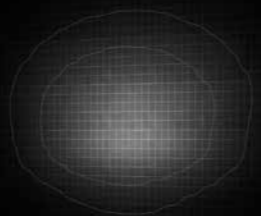
U-D 90° Diffused Beam



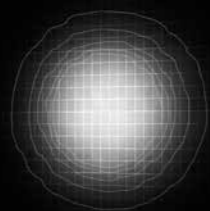
C 11° Narrow Beam



W-W Wall Washer



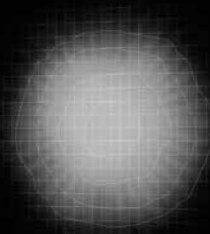
M 25° Medium Beam



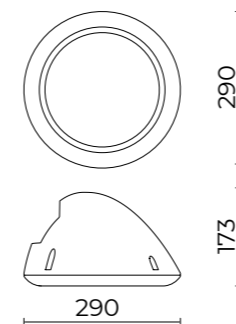
E 12°x 50° Ellipsoidal Beam



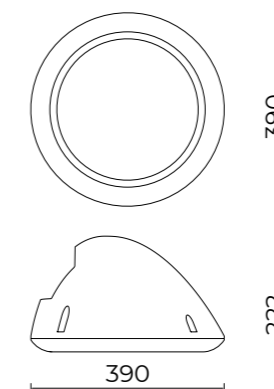
D 40° Wide Beam

Sigma  
Flood

SMALL



MEDIUM

**Inclination:**

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

**Rotazione ottica ellissoidale / Ellipsoidal optics rotation:**

possibilità di rotazione di 360° dell'ottica ellissoidale 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

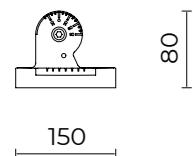


# Sigma

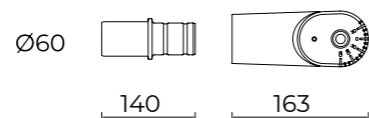
Flood

## COMPLEMENTI / ACCESSORIES

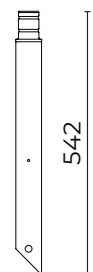
**06SG903CO**  
**B127 - Base di fissaggio ruotabile ±30°**  
Fixing base which can be rotated ±30°



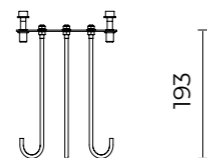
**06SG904CO**  
**B128 - Giunto per picchetto**  
Joint for spike



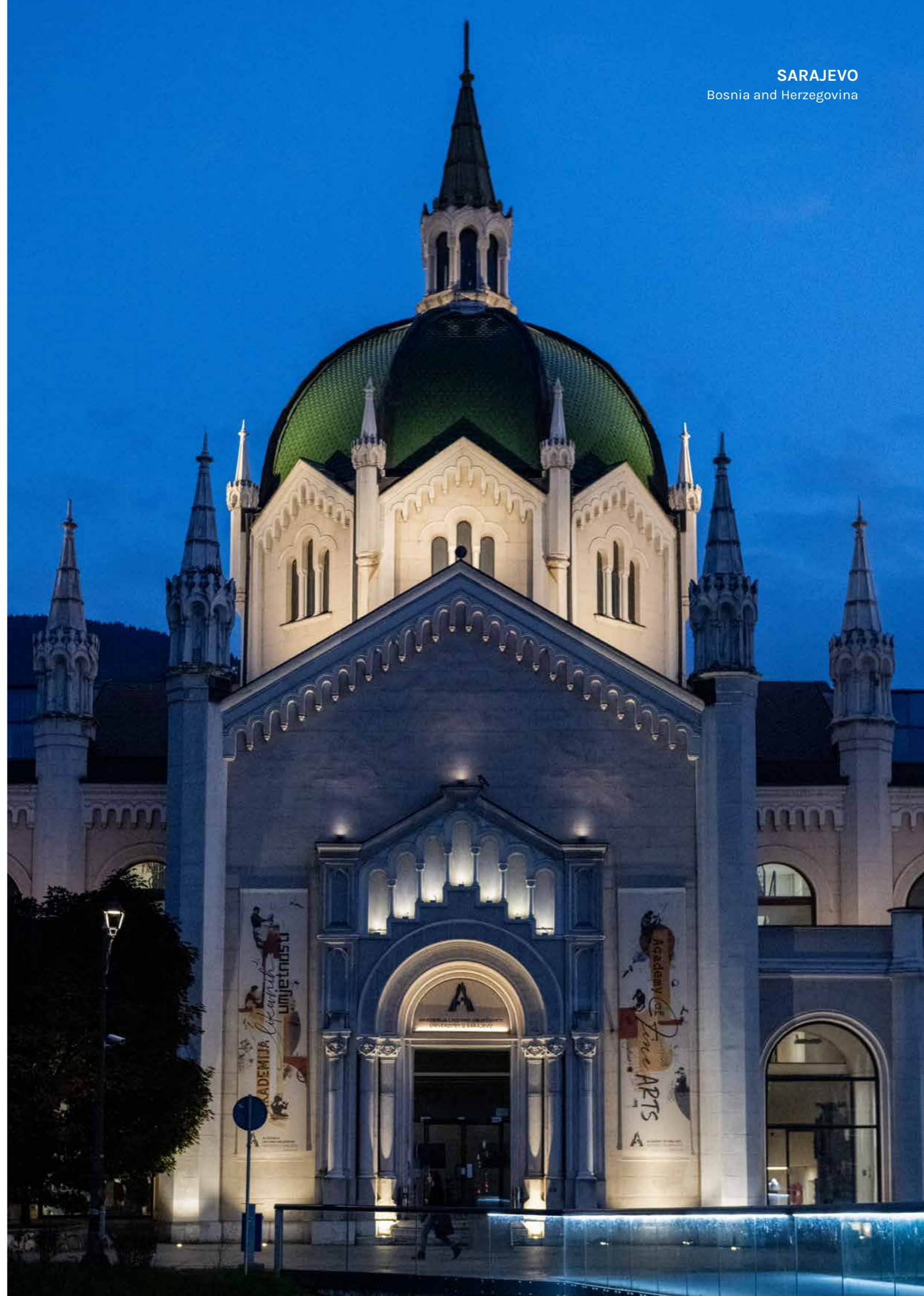
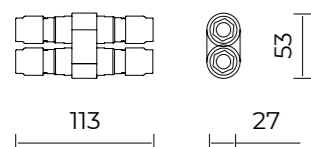
**06LT908CO**  
**B117 - Picchetto per interrimento**  
Spike for ground installation



**06LT909JO**  
**B118 - Ancore per calcestruzzo**  
Anchor for concrete



**06KS909CO**  
**B89 - Connettore 4 vie IP68**  
4-way connector IP68



## OTTICHE / OPTICS

U-C 6° Ultra-Narrow Beam



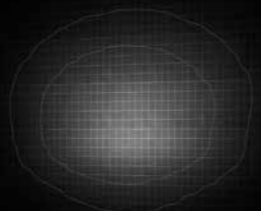
U-D 90° Diffused Beam



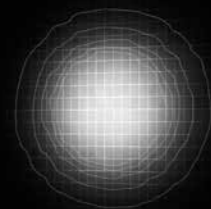
C 11° Narrow Beam



W-W Wall Washer



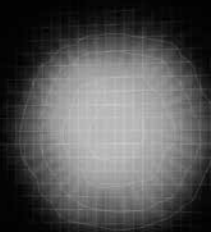
M 25° Medium Beam



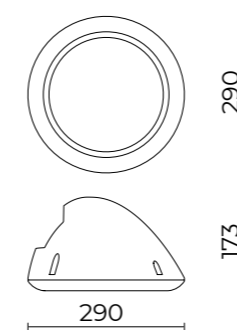
E 12°x 50° Ellipsoidal Beam



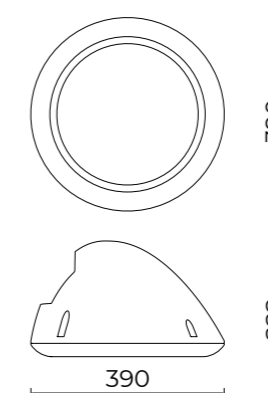
D 40° Wide Beam

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

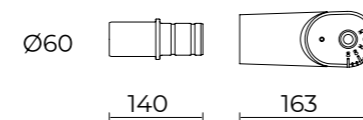
**Rotazione ottica ellissoidale / Ellipsoidal optics rotation:**

possibilità di rotazione di 360° dell'ottica ellissoidale 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

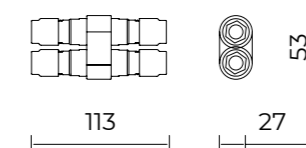
## COMPLEMENTI / ACCESSORIES

**06SG904C0****B128 - Giunto orientabile**

Adjustable joint

**06KS909C0****B89 - Connettore 4 vie IP68**

4-way connector IP68

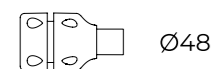


Sigma  
Pole

## COMPLEMENTI E BRACCI / ACCESSORIES AND ARMS

**01AK903CO**  
**L3 - Kit giunto per palo**  
 Joint kit for pole

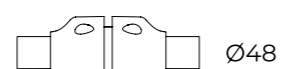
Ø60÷76



142

**01AK904CO**  
**L4 - Kit giunto doppio per palo**  
 Double joint kit for pole

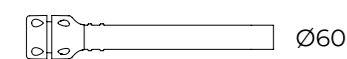
Ø60÷76



170

**01AK921CO**  
**B1 - Braccio per pali**  
 Arm for poles

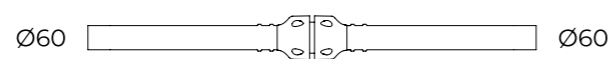
Ø60÷76



550

**01AK922CO**  
**B2 - Braccio doppio per pali**  
 Double arm for poles

Ø60÷76

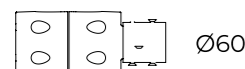


550

550

**06AK916CO**  
**B139 - Anello per pali**  
 Ring for poles

Ø102



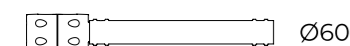
**06AK917CO**  
**B140 - Anello doppio per pali**  
 Double ring for poles

Ø102



**06AK907CO**  
**B155 - Braccio per pali**  
 Arm for poles

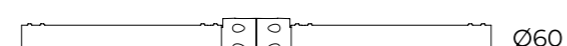
Ø102



550

**06AK909CO**  
**B157 - Braccio doppio per pali**  
 Double arm for poles

Ø102



550

550



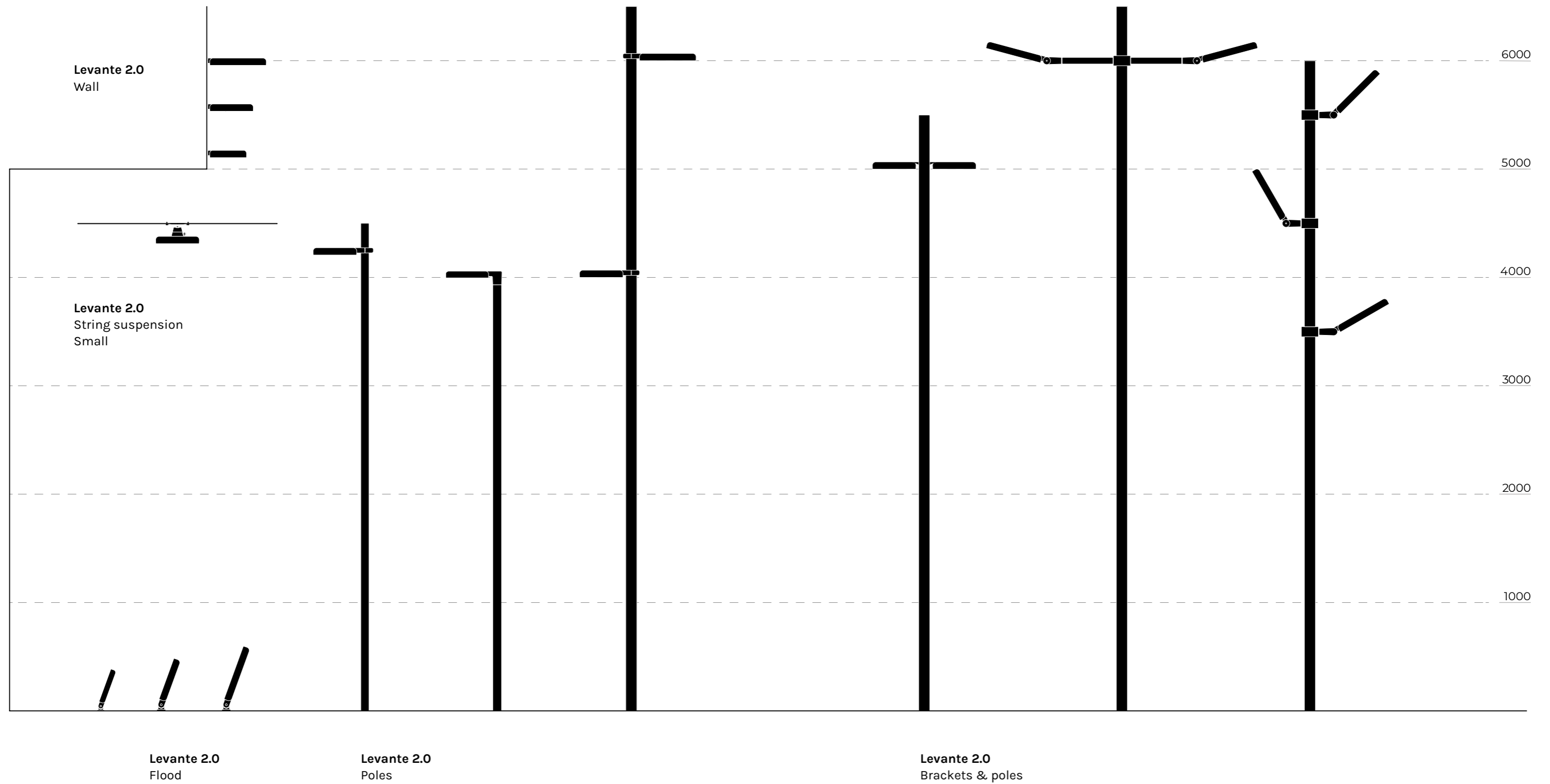
# LEVANTE 2.0

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.







220 240V	50 60Hz	CL II	CL I (RGBW)	IP66/69	IK09	ta -30°C +50°C
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**DATI PRESTAZIONALI / PERFORMANCE DATA**

**Flusso apparecchio / Fitting flux:**  
1075 (1800 K) - 23805 lm

**Potenza apparecchio / Fitting power:**  
9,5 - 153 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, NEMA (Levante small), CLO, PLC, telegestione wireless, sensori / virtual midnight, DALI. On request ZHAGA, NEMA (Levante small), 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

**STATIC WHITE LIGHT**

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

**COLOR CHANGING**

- RGB+W 3000 K

**BLUE FREE LIGHT**

- 1800 K
- PC-AMBER (su richiesta / on request)

**DYNAMIC WHITE LIGHT**

- 1800 K / 4000 K



**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 RGBW / included, remote for RGBW versions

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

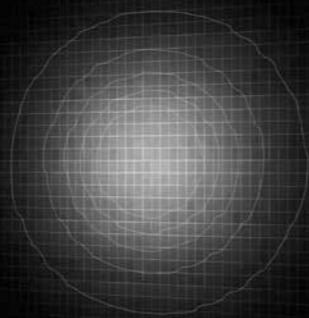
Levante 2.0

OTTICHE / OPTICS

U-C 6° Ultra-narrow Beam



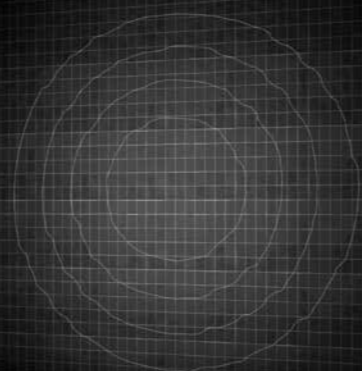
D 40° Wide Beam



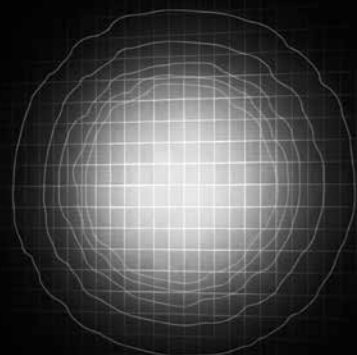
C 11° Narrow Beam



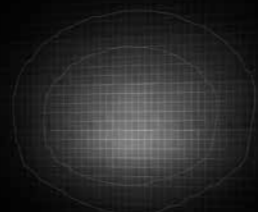
U-D 90° Diffused Beam



M 25° Medium Beam

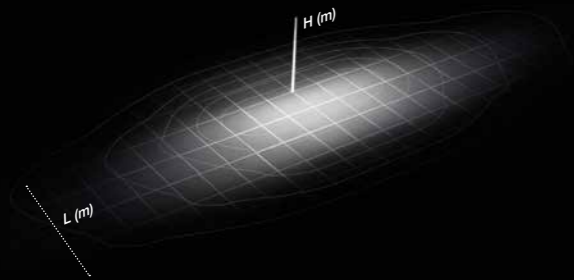


W-W Wall Washer

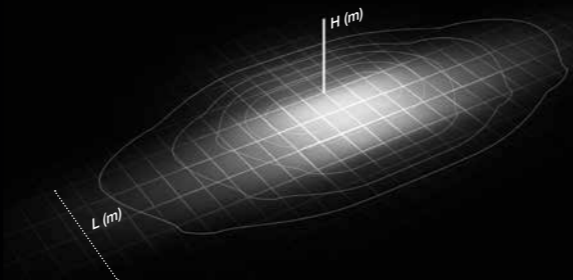


OTTICHE / OPTICS

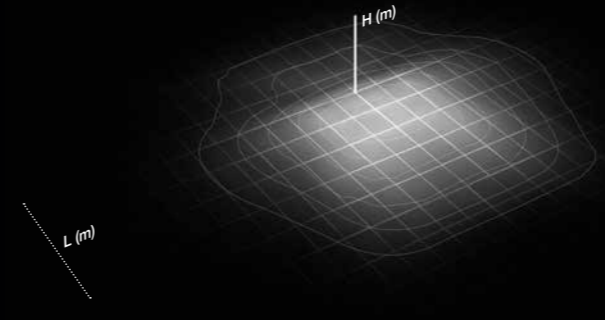
LT-C1 Cycle Path  
L / H = 0,5



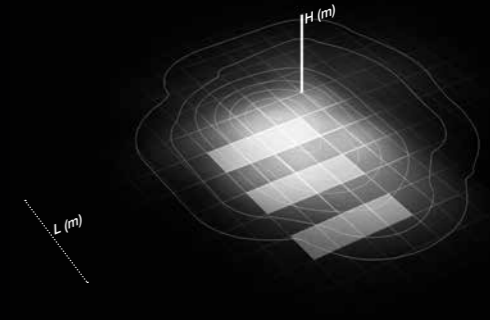
ST-02 Narrow Street  
L / H = 0,75



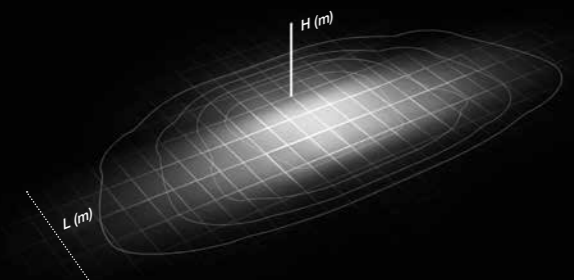
LT-63 Asymmetric Beam  
L / H = 2



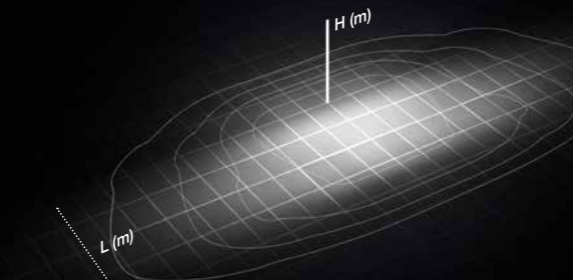
AP-D2 Pedestrian Crossing



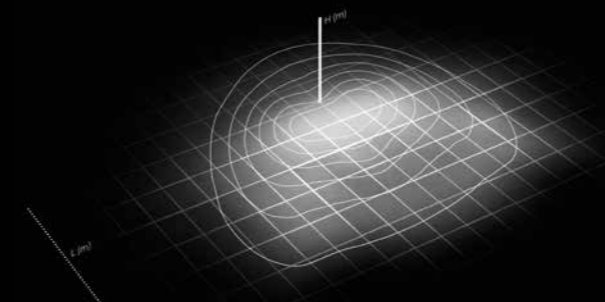
ME-05 Medium Street  
L / H = 1



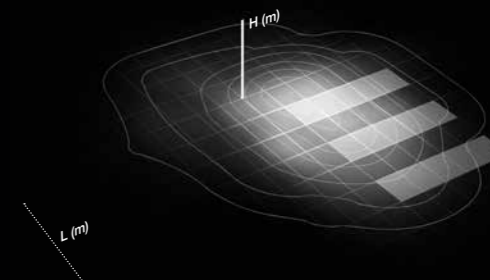
ME-06 Medium Street with sidewalk  
L / H = 1



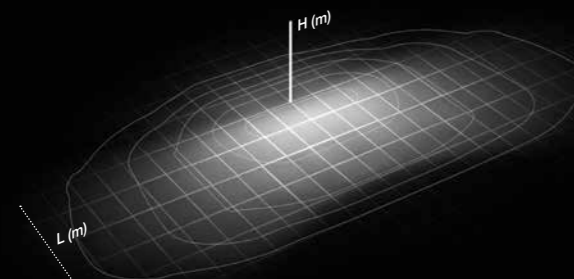
LT-64 Asymmetric beam with backlight  
L / H = 2



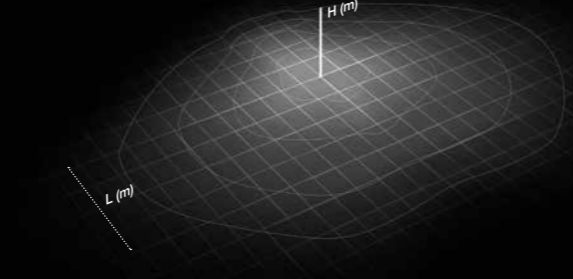
AP-S2 Pedestrian Crossing



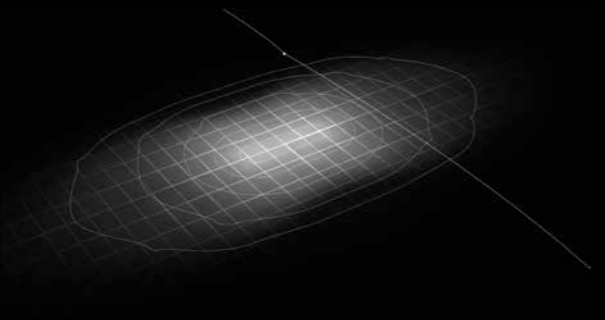
LA-03 Wide Street  
L / H = 1,25



PB-01 Low Pole  
L / H = 2



SO-02 Street Centered



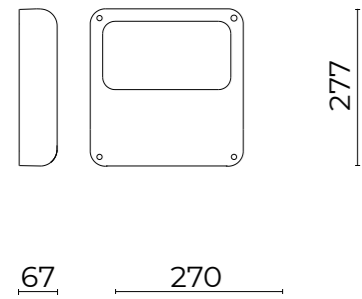
\*Levante 2.0 è un sistema modulare e componibile. Il progettista può combinare qualsiasi distribuzione luminosa con ognuno dei sistemi di fissaggio per realizzare configurazioni originali e flessibili ad ogni contesto.

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

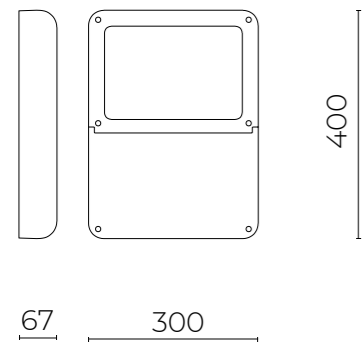
**Levante 2.0**  
Wall



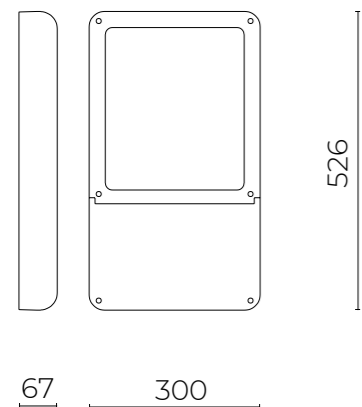
**X-SMALL**



**SMALL**



**MEDIUM**



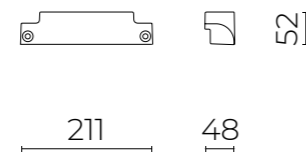
**DATI TECNICI / TECHNICAL DATA**

**Installazione / Installation:**  
parete / wall

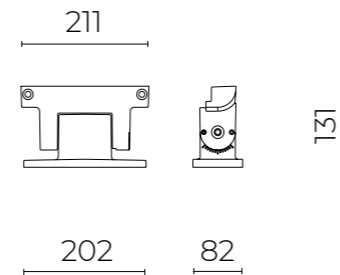
**Orientabilità / Orientability:**  
con giunto inclinazione  $\pm 90^\circ$ , rotazione  $\pm 15^\circ$   
with joint tilt  $\pm 90^\circ$ , rotation  $\pm 15^\circ$

**COMPLEMENTI / ACCESSORIES**

**06LN900CO**  
**B224 - Staffa fissa**  
Fixed bracket

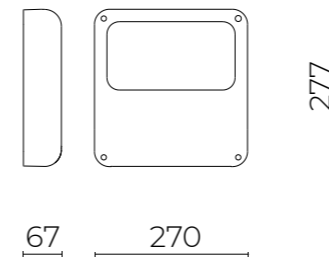


**06LN901CO**  
**B225 - Giunto orientabile**  
Adjustable joint

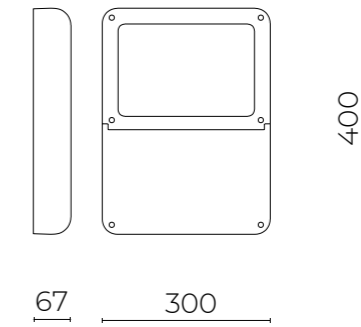


**Levante 2.0**  
Flood

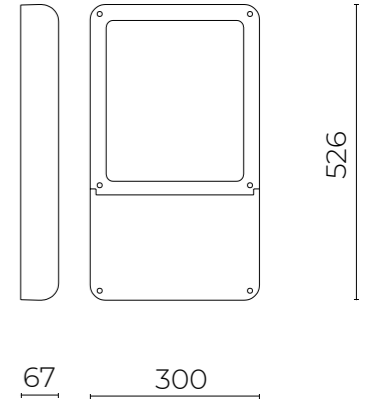
**X-SMALL**



**SMALL**



**MEDIUM**



**DATI TECNICI / TECHNICAL DATA**

**Installazione / Installation:**  
soffitto, terra / ceiling, ground

**Orientabilità / Orientability:**  
con giunto inclinazione  $\pm 90^\circ$ , rotazione  $\pm 15^\circ$   
with joint tilt  $\pm 90^\circ$ , rotation  $\pm 15^\circ$

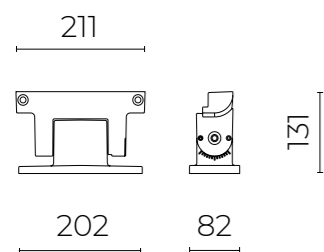


## Levante 2.0

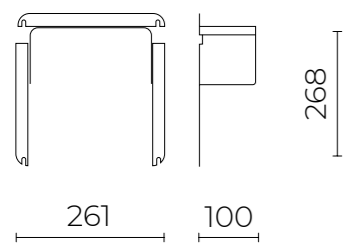
### Levante 2.0 Flood

#### COMPLEMENTI / ACCESSORIES

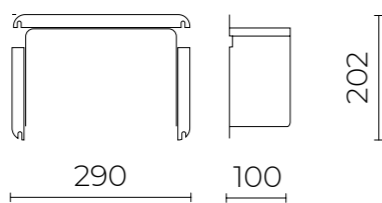
**06LN901CO**  
**B225 - Giunto orientabile**  
Adjustable joint



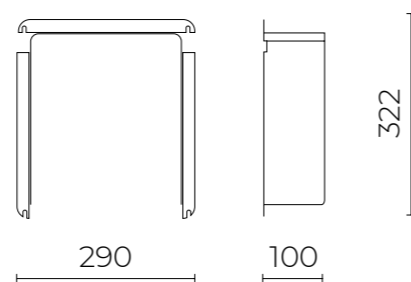
**06LN911BO**  
**B239 - Kit visiera paraluce**  
Lightshade visor kit



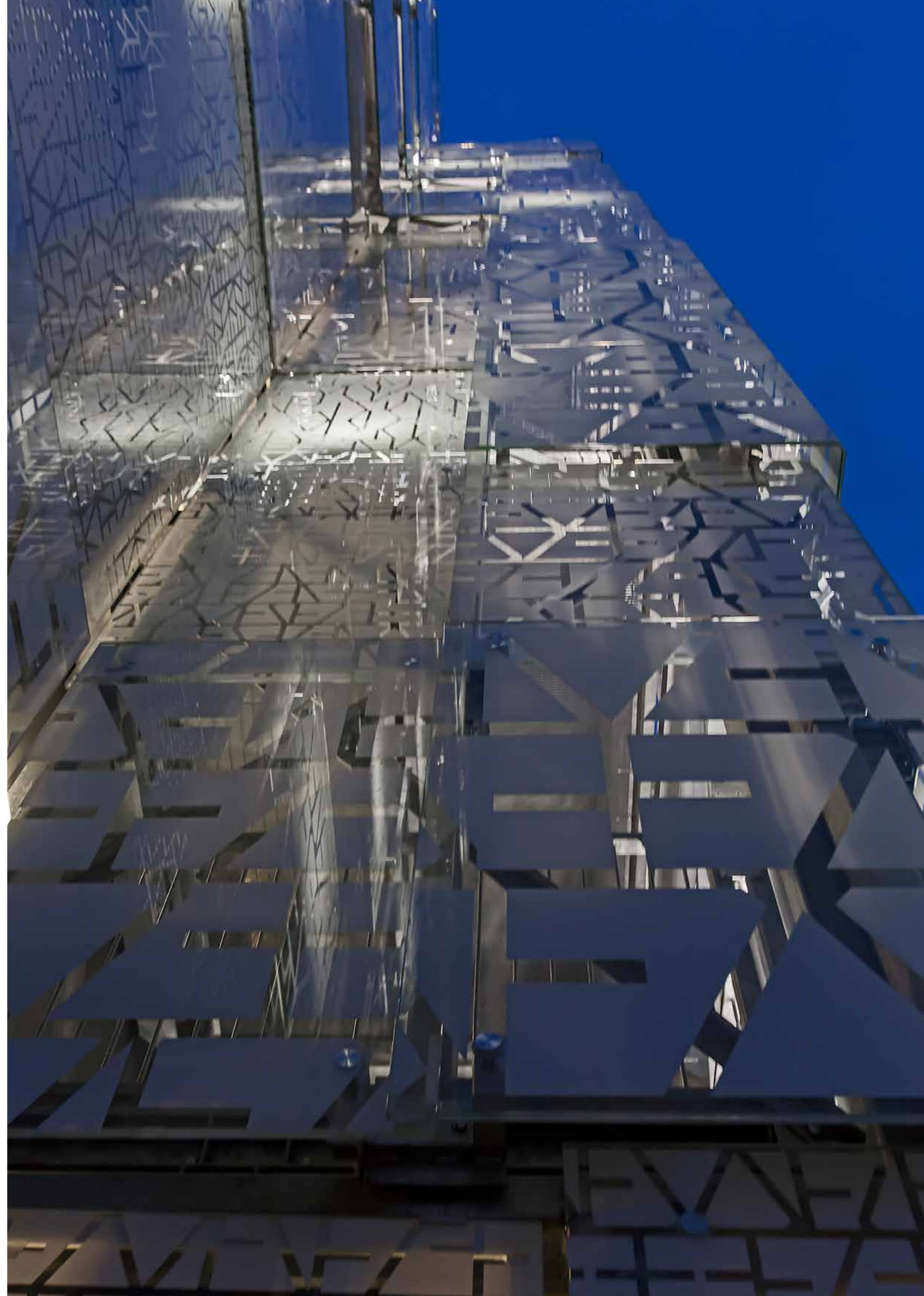
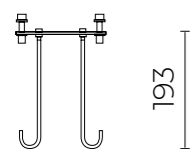
**06LN912BO**  
**B240 - Kit visiera paraluce**  
Lightshade visor kit



**06LN913BO**  
**B241 - Kit visiera paraluce**  
Lightshade visor kit



**06LN914JO**  
**B246 - Kit tirafondi**  
Kit metal anchors



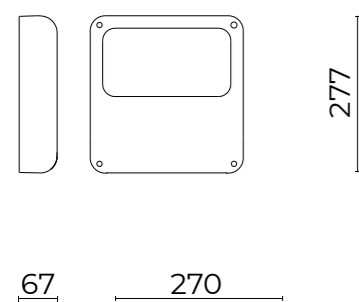
**Levante 2.0**  
Poles

**Levante 2.0**  
Poles

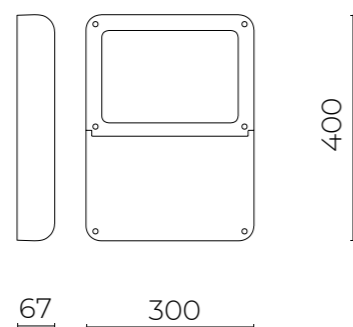
**DATI TECNICI / TECHNICAL DATA**

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

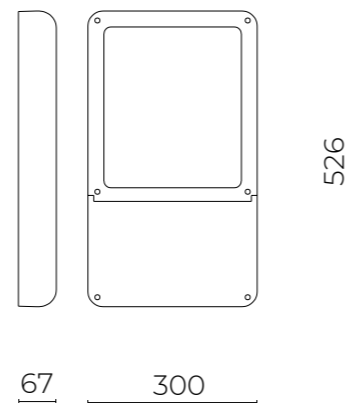
**X-SMALL**



**SMALL**

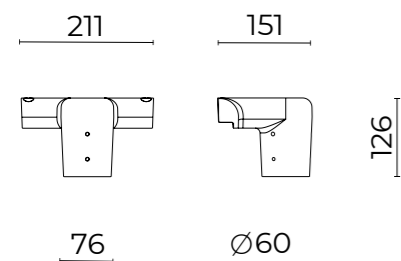


**MEDIUM**



**COMPLEMENTI / ACCESSORIES**

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



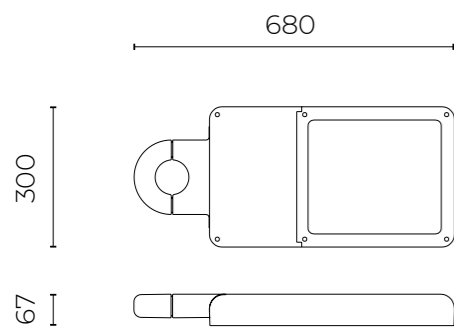
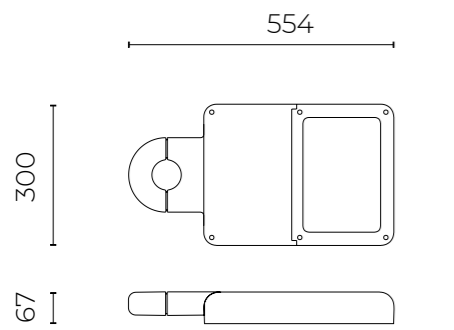
## Levante 2.0

### Poles

#### COMPLEMENTI / ACCESSORIES

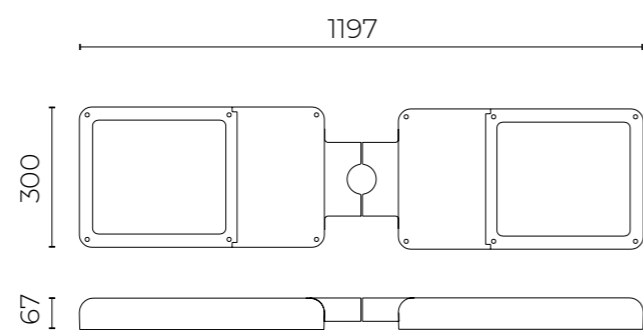
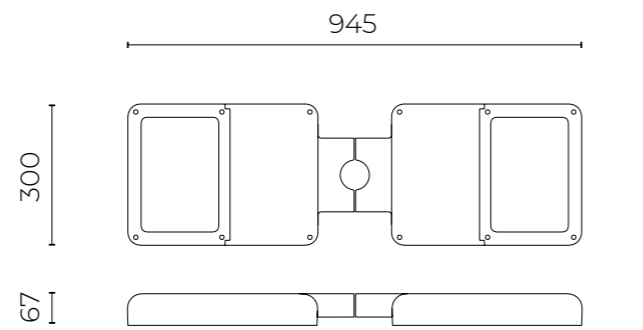
##### 06LN902C0 - Sablè 100 Noir

B226 - Collare singolo per pali Ø 60 mm  
Single collar for poles Ø 60 mm



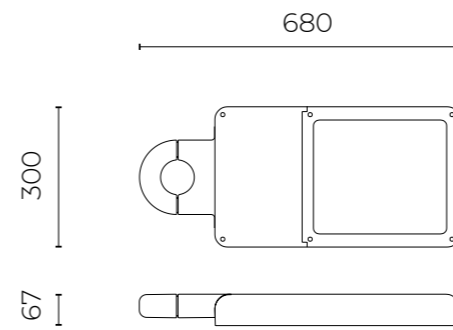
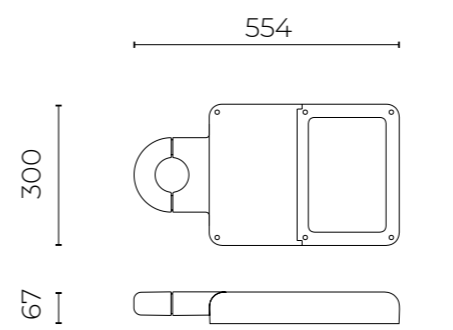
##### 06LN905C0 - Sablè 100 Noir

B229 - Collare doppio per pali Ø 60 mm  
Double collar for poles Ø 60 mm



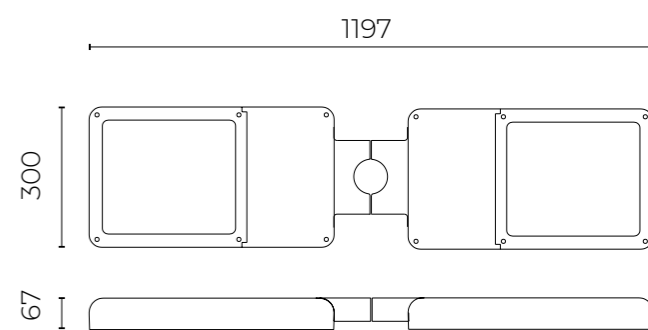
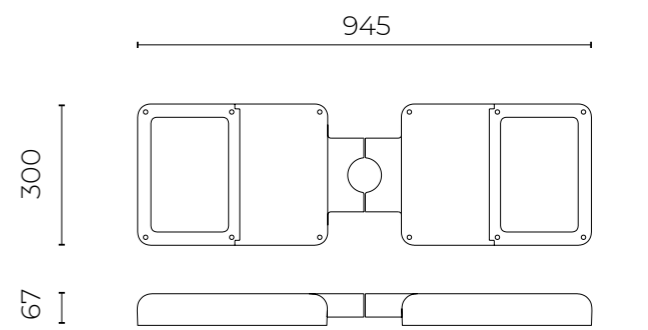
##### 06LN903C0 - Sablè 100 Noir

B227 - Collare singolo per pali Ø 76 mm  
Single collar for poles Ø 76 mm



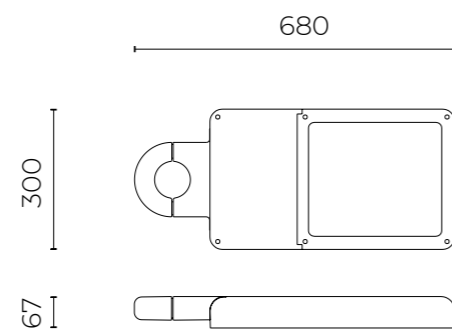
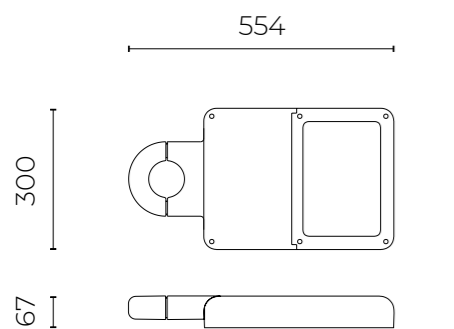
##### 06LN906C0 - Sablè 100 Noir

B230 - Collare doppio per pali Ø 76 mm  
Double collar for poles Ø 76 mm



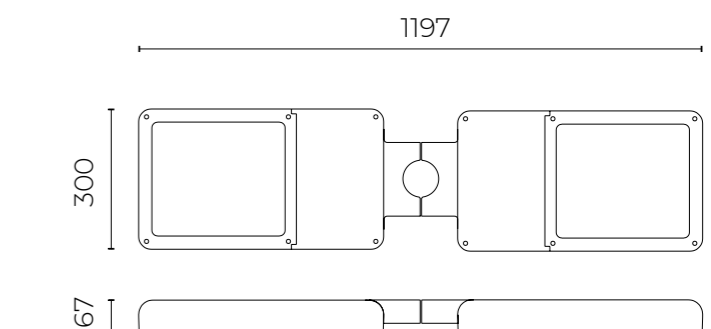
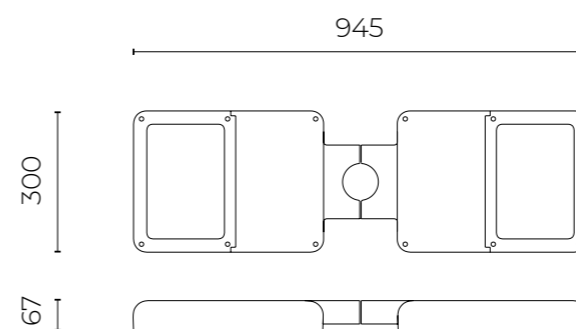
##### 06LN904C0 - Sablè 100 Noir

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

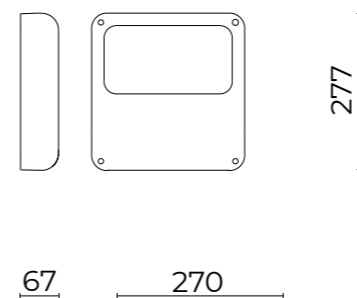
### DATI TECNICI / TECHNICAL DATA

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

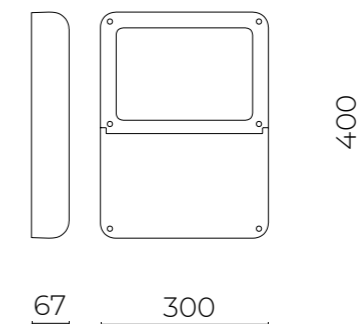
**Orientabilità / Orientability:**  
 con giunto inclinazione -70° + 90°, rotazione 0° / 180°  
 with joint tilt -70° + 90°; rotation 0° / 180°



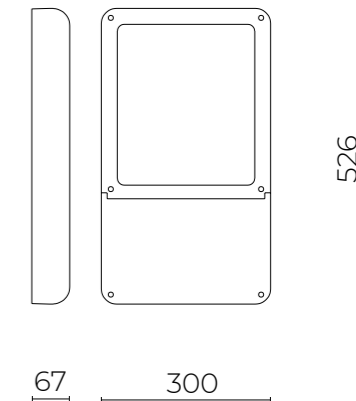
#### X-SMALL



#### SMALL



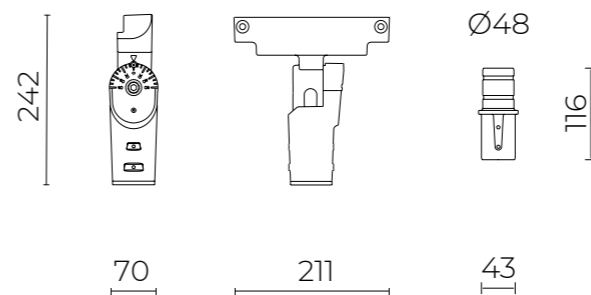
#### MEDIUM



### COMPLEMENTI / ACCESSORIES

#### 06LN908C0 - Sablè 100 Noir

B232 - Giunto orientabile per bracci e pali Ø 60 mm  
 Adjustable joint for arms and poles Ø 60 mm



#### AK9001CC

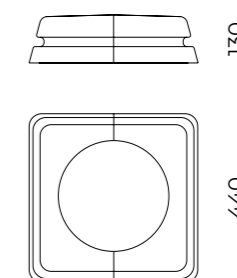
Copertura base palo Ø60 Sablè 100 /  
 Cover pole Ø60 Sablè 100

#### AK9002CC

Copertura base palo Ø76 Sablè 100 /  
 Cover pole Ø76 Sablè 100

#### AK9004CC

Copertura base palo Ø102 Sablè 100 /  
 Cover pole Ø102 Sablè 100

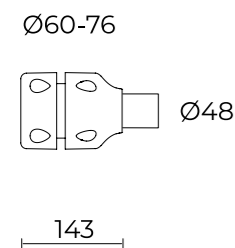


## Levante 2.0

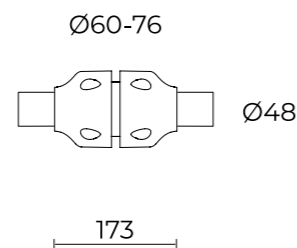
Brackets & poles

### COMPLEMENTI E BRACCI / ACCESSORIES AND ARMS:

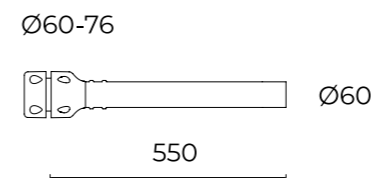
**06AK903C0 - Sablè 100 Noir**  
**L3 - Kit giunto per pali**  
 Joint kit for poles



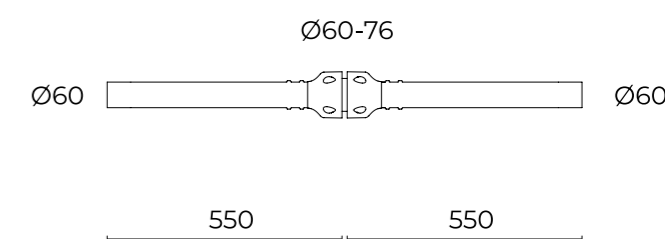
**06AK904C0 - Sablè 100 Noir**  
**L4 - Kit giunto doppio per pali**  
 Double joint kit for poles



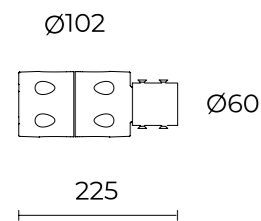
**06AK921C0 - Sablè 100 Noir**  
**B1 - Braccio per pali**  
 Arm for poles



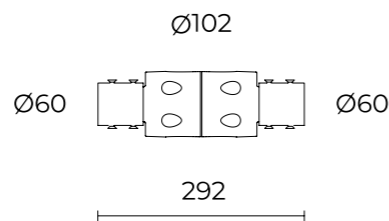
**06AK922C0 - Sablè 100 Noir**  
**B2 - Braccio doppio per pali**  
 Double arm for poles



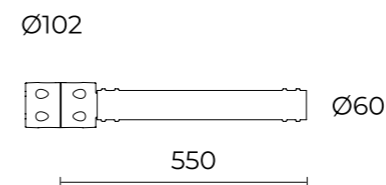
**06AK916C0 - Sablè 100 Noir**  
**B139 - Anello per pali**  
 Ring for poles



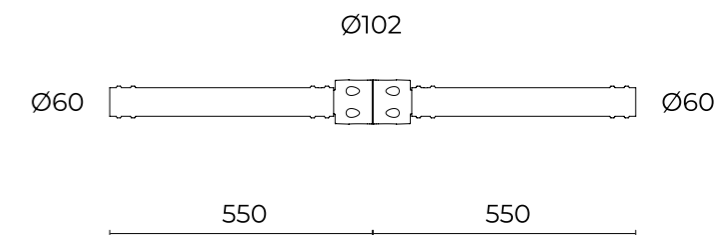
**06AK917C0 - Sablè 100 Noir**  
**B140 - Anello doppio per pali**  
 Double ring for poles



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



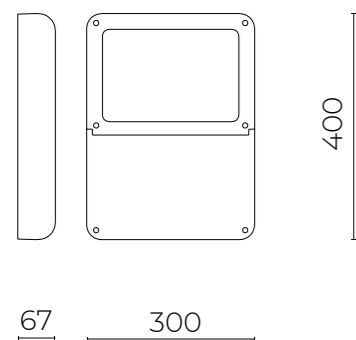
**06AK909C0 - Sablè 100 Noir**  
**B157 - Braccio doppio per pali**  
 Double arm for poles



## Levante 2.0

String suspension

### SMALL



### DATI TECNICI / TECHNICAL DATA

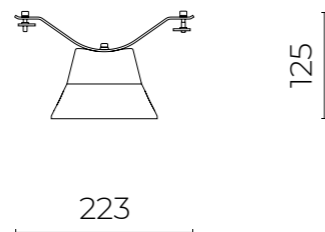
**Installazione** / Installation:  
sospensione tesata / string suspension

**Inclinazione** / Inclination:  
orizzontale  $\pm 15^\circ$  / horizontal  $\pm 15^\circ$

**Orientabilità** / Adjustability:  
 $0^\circ \div 360^\circ$

### COMPLEMENTI / ACCESSORIES

**06LN909C0**  
**B233 - Kit sospensione su fune tesata  $\varnothing$  6-12 mm**  
Suspension kit for string  $\varnothing$  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.





220-240V  
24VDC (RGBW / TW)50  
60Hz

CL II

IP66

IK07

ta  
-30°C  
+40°C

## 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


## STATIC WHITE LIGHT

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




## COLOR CHANGING

-  RGB+W 3000 K

## DYNAMIC WHITE LIGHT

-  2200 K / 4000 K

## COLORI / COLOURS

-  SABLÉ 100 NOIR
-  CORTEN
-  RAL9003

## 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



## 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, DALI, esclusa (versioni RGBW, TW) / internal, DALI,  
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

Medium Beam  
M 18°



Medium Wall Grazer  
G 30°x 18°  $\alpha=-6^\circ$



Elliptical Beam  
ELL 50°x 18°  $\alpha=0^\circ$



Wide Beam  
W 40°



Wide Wall Grazer  
G 60°x 18°  $\alpha=-6^\circ$



Ellipsoidal Beam  
AS-D 90°  $\alpha=-45^\circ$



Diffused Beam  
D 70°



\* 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 Ceiling



#### DATI TECNICI / TECHNICAL DATA

**Installazione** / Installation:  
soffitto / ceiling

**Inclinazione** / Inclination:  
-5° ÷ +165°

### Kinetic Flood

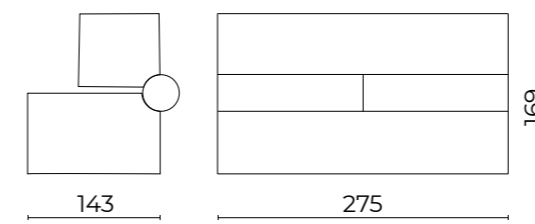
#### DATI TECNICI / TECHNICAL DATA

**Installazione** / Installation:  
terra / ground

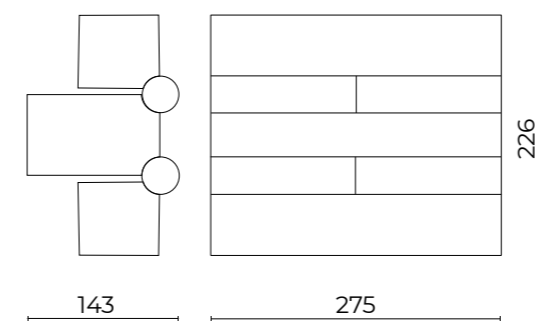
**Inclinazione** / Inclination:  
-5° ÷ +165°



KINETIC 1



KINETIC 2

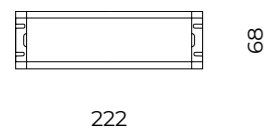


## Kinetic

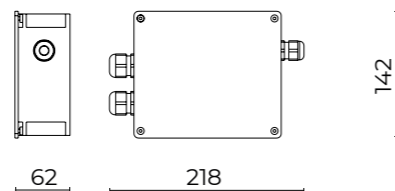
## Kinetic

### COMPLEMENTI / ACCESSORIES

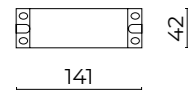
**06KI909X0**  
D13 Kit driver 150W 24V IP67 Kinetic-  
4xM / 2xB RGBW-TW



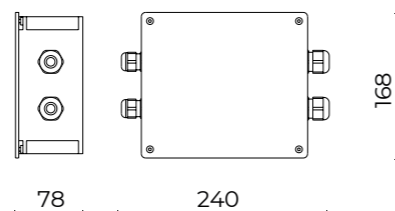
**06KI905X0**  
D9 Kit dimmer RGBW - TW DALI 1 modulo  
D9 Kit dimmer RGBW - TW DALI 1 modul



**06KI908X0**  
D12 Kit driver 60W 24V IP67 Kinetic N.4-  
Monoemission / N.2 Biemission RGBW-  
TW



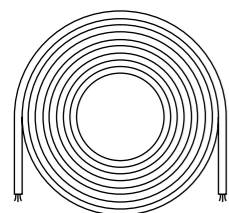
**06KI906X0**  
D10 Kit dimmer RGBW - TW DALI 2 moduli  
D10 Kit dimmer RGBW - TW DALI 2 modules



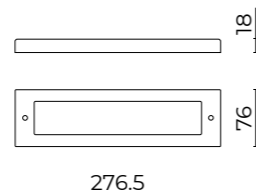
**06KI912X0**  
Kit cavo 3m RGBW-TW  
Kit cable 3m RGBW-TW

**06KI913X0**  
Kit cavo 5m RGBW-TW  
Kit cable 5m RGBW-TW

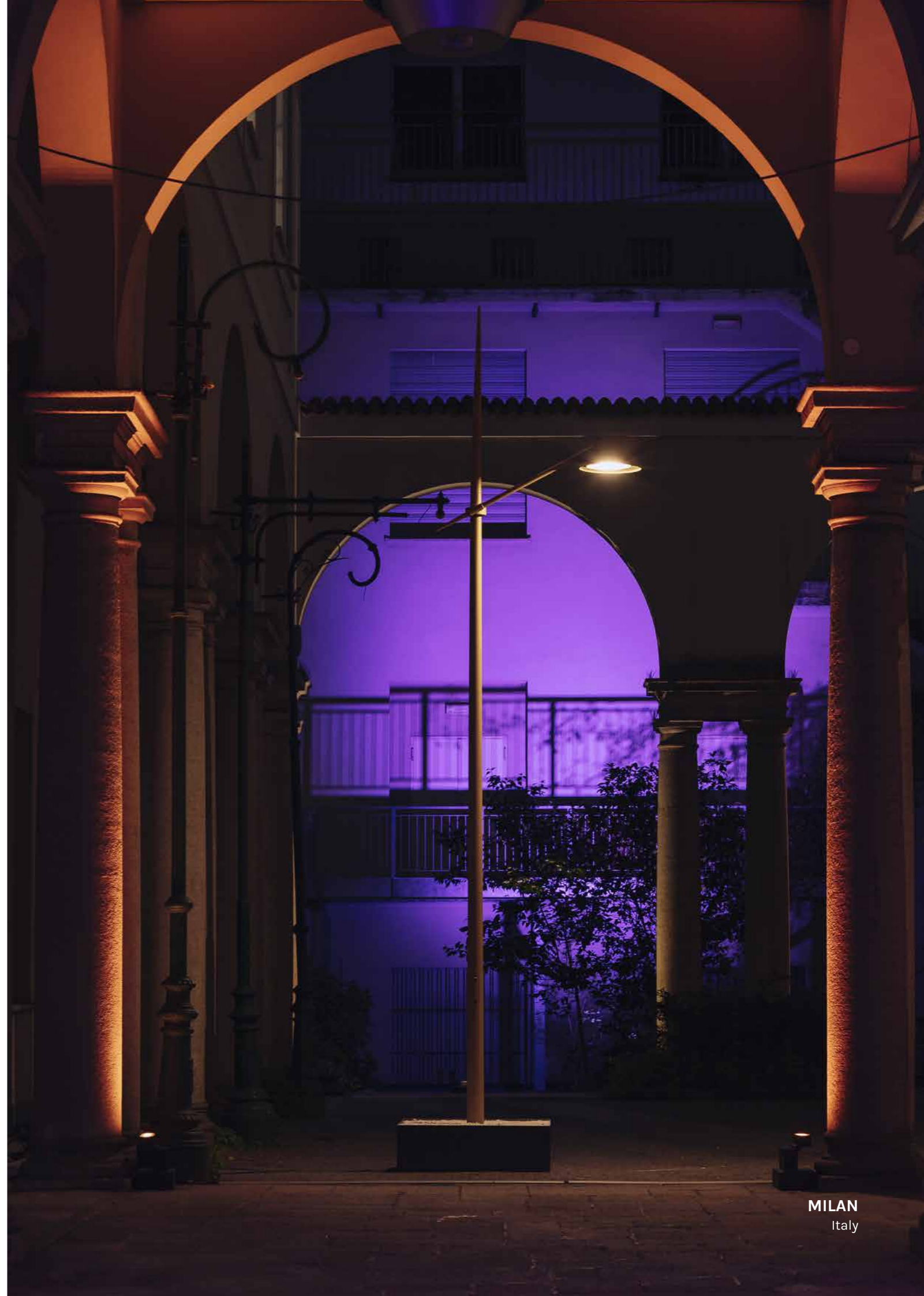
**06KI914X0**  
Kit cavo 9m RGBW-TW  
Kit cable 9m RGBW-TW



**06KI911X0**  
Distanziale parete  
Wall spacer



**06KN909X0**  
Kit morsetto 5 poli connessione N.1 Kono  
zoom RGBW-TW  
Kit 5-pole terminal block N.1 Kono zoom  
RGBW-TW



# ANESI

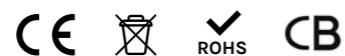


ÁNESI è la luce per il benessere visivo negli spazi di passaggio tra interno ed esterno urbano. Il design essenziale e la geometria rigorosa si uniscono alla versatilità ottenuta dalla declinazione in differenti dimensioni e fissaggi per creare un dialogo armonico con ogni luogo illuminato

ÁNESI is a light designed to enhance visual well-being in transitional spaces between indoor environments and the urban outdoors. Its essential design and rigorous geometry come together with a versatility expressed through different sizes and mounting options, creating a harmonious dialogue with every illuminated place.



220 240V	50 60Hz	CL II CL I*	IP66	IK07 / IK08	ta -30°C +50°C
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\* Su richiesta / on request

#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio** / Fitting flux:  
420 - 3000 lm

**Potenza apparecchio** / Fitting power:  
6 - 23,5 W

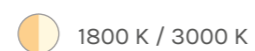
**Indice di resa cromatica** / Colour Rendering Index:  
CRI ≥ 80, SDCM ≤ 3

**Illuminazione intelligente** / Smart lighting:  
driver DALI-2 integrato  
DALI-2 driver integrated

#### STATIC WHITE LIGHT



#### DYNAMIC WHITE LIGHT



#### 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



#### CARATTERISTICHE / FEATURES

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

**Alimentazione elettronica** / Electronic power supply:  
inclusa / included

**Precablaggio** / Pre-wiring:  
la versione a parete è fornita con cavo e connettore IP68  
Wall version is provided with cable and connector IP68

**Installazione** / Installation:  
parete, soffitto / wall, ceiling

**Fissaggio** / Fixing system:  
con tasselli / with plugs



OTTICHE BLOS / BLOS OPTICS

ANESI MEDIUM/LARGE

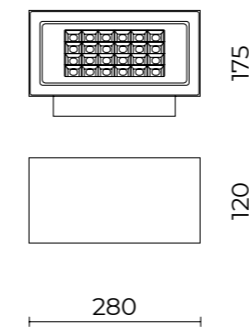
Asymmetric Black BLOS

Asymmetric White BLOS

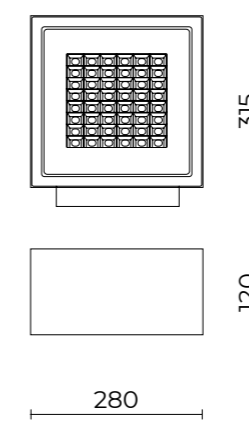
Anesi  
Parete / Wall



MEDIUM



LARGE



OTTICHE BLOS/ BLOS OPTICS

ANESI MEDIUM/LARGE

Asymmetric Black BLOS



Asymmetric White BLOS



Elliptical Black BLOS



Elliptical White BLOS



Rotosymmetric Black BLOS



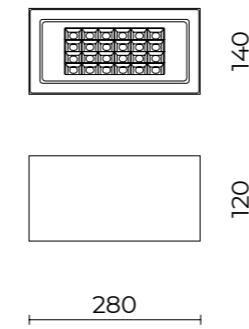
Rotosymmetric White BLOS



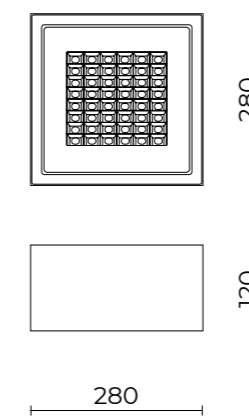
Anesi  
Soffitto / Ceiling



MEDIUM



LARGE



# 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



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

**STATIC WHITE LIGHT**

- 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%)

**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

**CARATTERISTICHE / FEATURES**

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

**Alimentazione elettronica / Electronic power supply:**  
inclusa / included

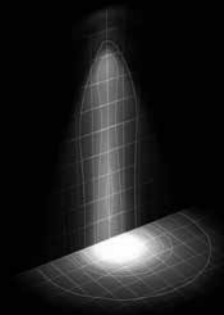
**Installazione / Installation:**  
parete, soffitto, terra  
wall, ceiling, ground

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

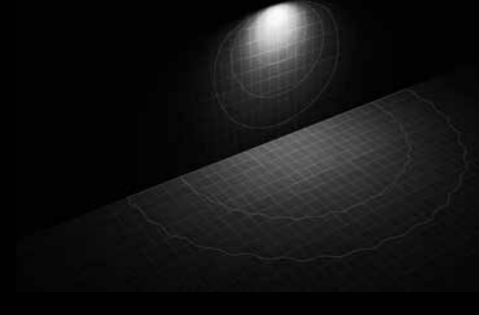


OTTICHE / OPTICS

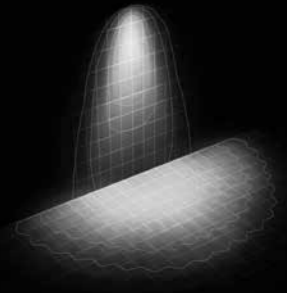
C 8° Narrow Beam



U-D 80° Diffused Beam

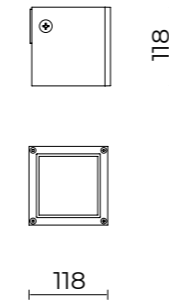


D 40° Wide Beam

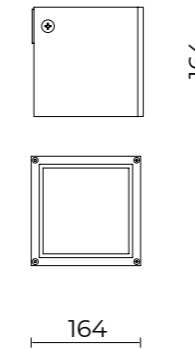


**Cube**  
Parete / Wall

SMALL

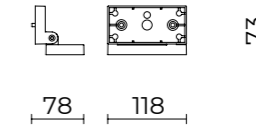


MEDIUM

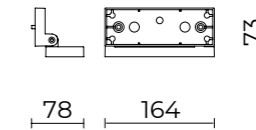


COMPLEMENTI / ACCESSORIES

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

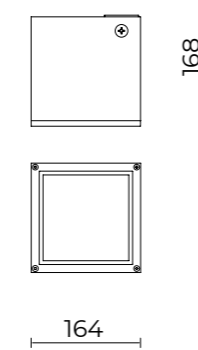
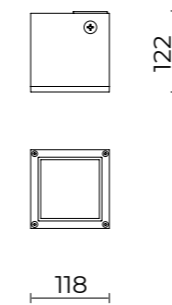


**Cube**  
Soffitto / Ceiling



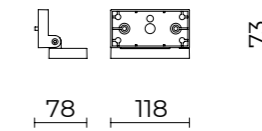
SMALL

MEDIUM

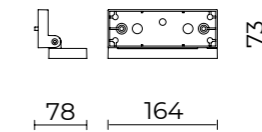


COMPLEMENTI / ACCESSORIES

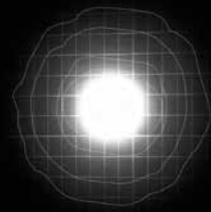
06LC1901A - RAL9006  
06LC1901C - Sablé 100  
06LC1901D - RAL9003  
**Snodo per fissaggio a parete Cube small**  
Joint for wall-mounting Cube small



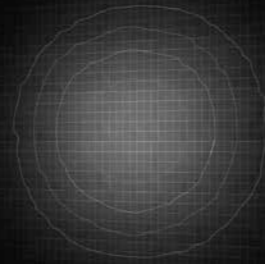
06LC2901A - RAL9006  
06LC2901C - Sablé 100  
06LC2901D - RAL9003  
**Snodo per fissaggio a parete Cube medium**  
Joint for wall-mounting Cube medium



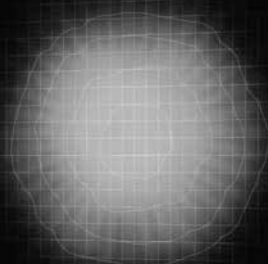
C 8° Narrow Beam



U-D 80° Diffused Beam

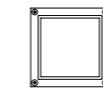
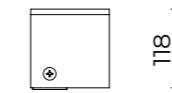


D 40° Wide Beam



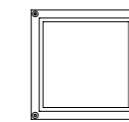
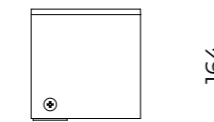
**Cube**  
Terra / Ground

SMALL



118

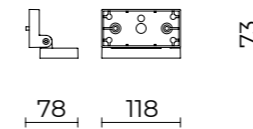
MEDIUM



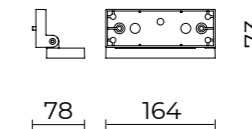
164

**COMPLEMENTI / ACCESSORIES**

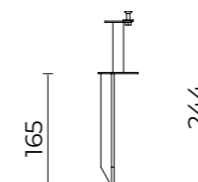
**06LC1901A - RAL9006**  
**06LC1901C - Sablé 100**  
**06LC1901D - RAL9003**  
**Snodo per fissaggio a parete Cube small**  
 Joint for wall-mounting Cube small



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



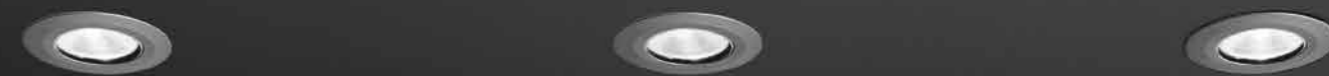
**06LC900C0 - Sablé 100 (Cube small)**  
**06LC901C0 - Sablé 100 (Cube medium)**  
**Picchetto per interrimento**  
 Spike for ground installation



# CHARA

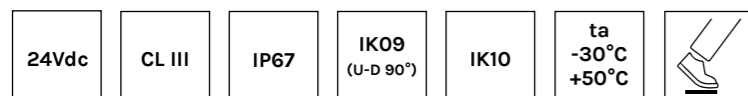
CHARA è un prodotto da incasso dalle dimensioni compatte, ideale per l'illuminazione d'accento di facciate e di ambienti interni particolarmente umidi.

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



FRANCAVILLA AL MARE  
Italy





#### 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

#### STATIC WHITE LIGHT

- 2700 K
- 3000 K
- 4000 K

#### MATERIALI / MATERIALS

**Corpo** / Body:  
acciaio INOX AISI 316L micropallinato con finitura  
sabbata / 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 sabbata  
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)



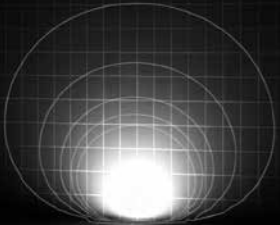
OTTICHE / OPTICS

C 8° Narrow Beam

M 25° Medium Beam

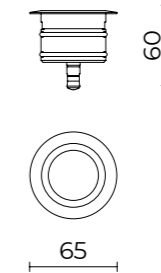


U-D 90° Diffused Beam



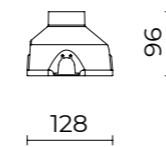
Chara

Incasso calpestabile  
Walk over recessed

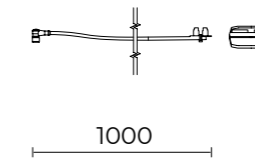


COMPLEMENTI / ACCESSORIES

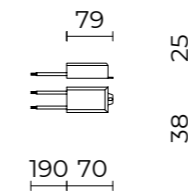
**06CH901B0**  
**B130 - Controcassa**  
**parete e calpestabile**  
Walk over and wall  
recessed housing



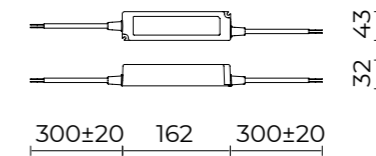
**06CH906X0**  
**B198 - Kit entra-esce cavo 1 m**  
**24V ~ con muffola / Kit in-out**  
cable 1 m 24V ~ with junction box



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



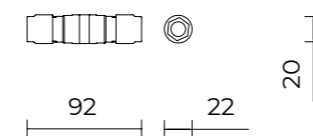
**06CH904X0**  
**B148 - Driver elettronico**  
**60W 24V IP67**  
Electronic driver  
60W 24V IP67



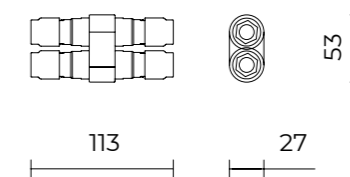
**06LL914AB0**  
**Driver elettronico DALI**  
**150W 24V IP67**  
DALI electronic driver  
150W 24V IP67



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



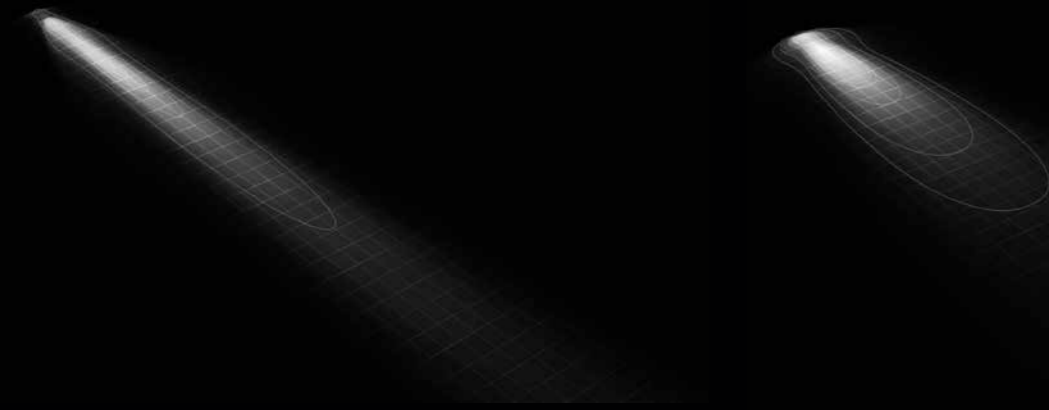
**06KS909C0**  
**B89 - Connettore 4 vie IP68**  
4-way connector IP68



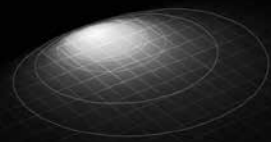
OTTICHE / OPTICS

C 8° Narrow Beam

M 25° Medium Beam

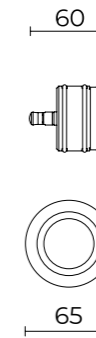


U-D 90° Diffused Beam



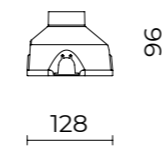
Chara

Incasso parete  
Wall recessed

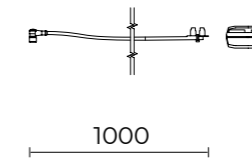


COMPLEMENTI / ACCESSORIES

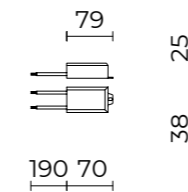
**06CH901B0**  
**B130 - Controcassa**  
**parete e calpestabile**  
Walk over and wall  
recessed housing



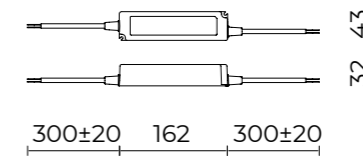
**06CH906X0**  
**B198 - Kit entra-esce cavo 1 m**  
**24V ~ con muffola / Kit in-out**  
cable 1 m 24V ~ with junction box



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



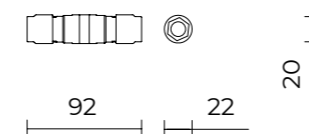
**06CH904X0**  
**B148 - Driver elettronico**  
**60W 24V IP67**  
Electronic driver  
60W 24V IP67



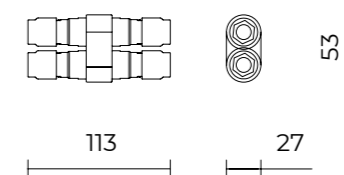
**06LL914AB0**  
**Driver elettronico**  
**DALI 150W 24V IP67**  
DALI electronic driver  
150W 24V IP67



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



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



OTTICHE / OPTICS

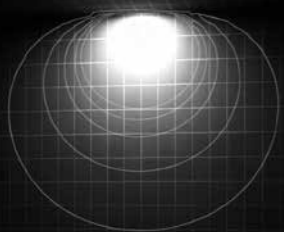
C 8° Narrow Beam



M 25° Medium Beam

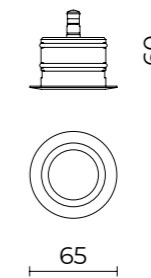


U-D 90° Diffused Beam



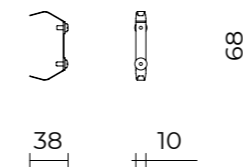
Chara

Incasso soffitto  
Ceiling recessed

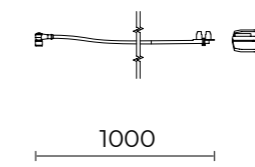


COMPLEMENTI / ACCESSORIES

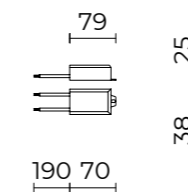
**06CH902XX0**  
**B131 - Molle**  
Springs



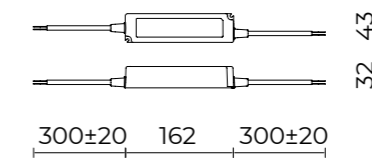
**06CH906X0**  
**B198 - Kit entra-esce cavo 1 m**  
**24V ~ con muffola / Kit in-out**  
cable 1 m 24V ~ with junction box



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



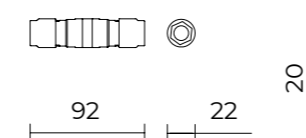
**06CH904X0**  
**B148 - Driver elettronico**  
**60W 24V IP67**  
Electronic driver  
60W 24V IP67



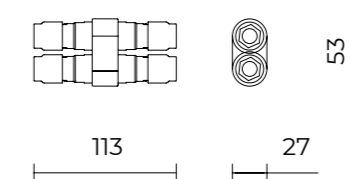
**06LL914AB0**  
**Driver elettronico DALI**  
**150W 24V IP67**  
DALI electronic driver  
150W 24V IP67



**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.





#### 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

#### STATIC WHITE LIGHT



#### MATERIALI / MATERIALS

**Corpo** / Body:  
acciaio AISI 316L micropallinato con finitura sabbata  
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 sabbata e micropallinata con sfere di vetro / AISI 316L stainless steel with sandblasted and micro-shot glass-sphere peened finish

#### COLORI / COLOURS



#### 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

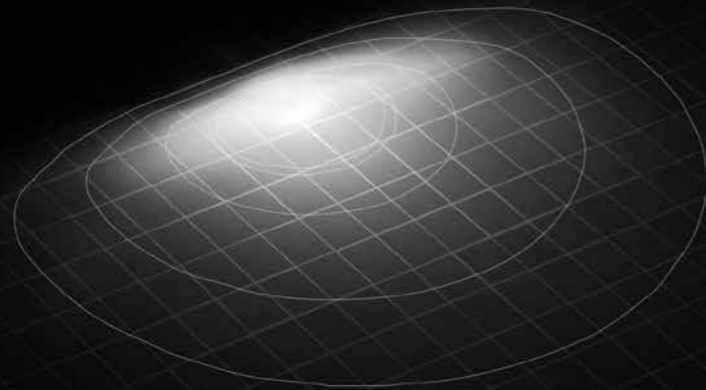




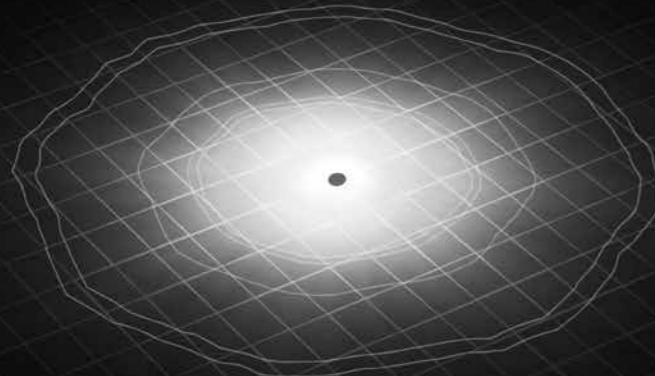
GENOA  
Italy

OTTICHE / OPTICS

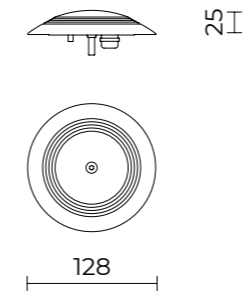
AS-D 180° Asymmetric Diffused Beam



RS-D 360° Rotosymmetric Diffused Beam

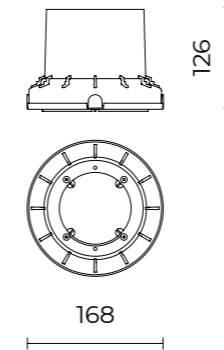


Grace

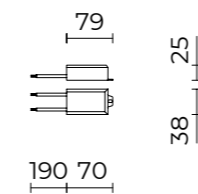


COMPLEMENTI / ACCESSORIES

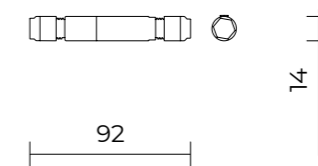
**06GC901B0**  
**B129 - Controcassa carrabile**  
 Drive over recessed housing



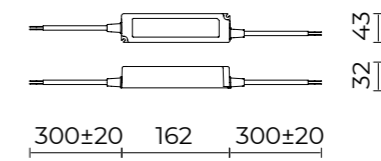
**06CH903X0**  
**B147 - Driver elettronico**  
**10W 24V IP67**  
 Electronic driver  
 10W 24V IP67



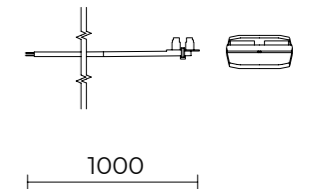
**06GC902X0**  
**B165 - Connettore 2 IP68 2-pole**  
 connector IP68



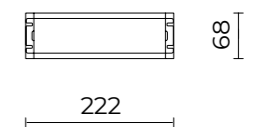
**06CH904X0**  
**B148 - Driver elettronico**  
**60W 24V IP67**  
 Electronic driver  
 60W 24V IP67



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



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



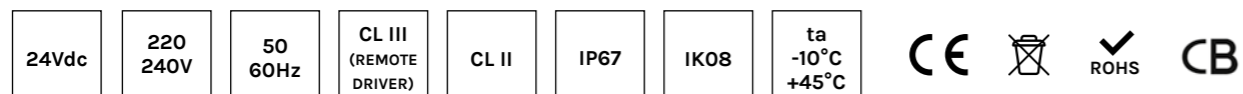
# TRAIL

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.





**DATI PRESTAZIONALI / PERFORMANCE DATA**

**Flusso apparecchio / Fitting flux:**  
795 - 6170 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

**STATIC WHITE LIGHT**

3000 K

4000 K

**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

**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

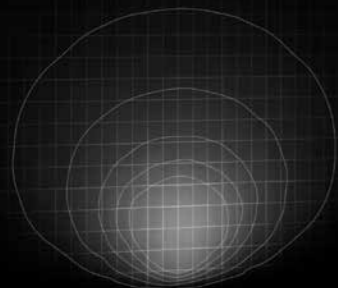
**Precablaggio / Pre-wiring:**  
prodotto pre-cablato con cavo e connettore  
pre-wired product with cable and connector

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

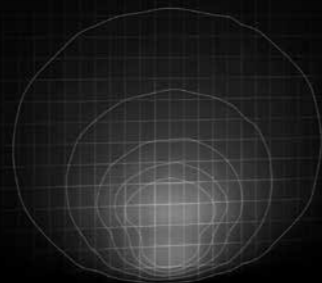


OTTICHE / OPTICS

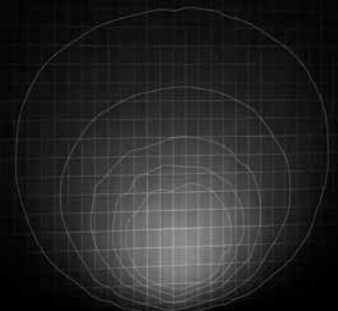
U-D 80° / 100° Diffused Beam



S 75° / 95° Ultra-Wide Beam

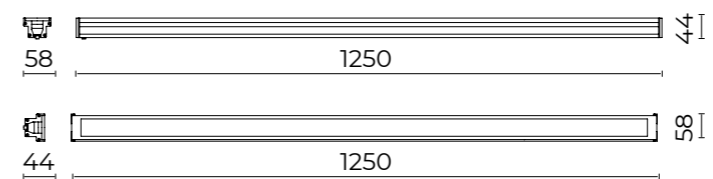
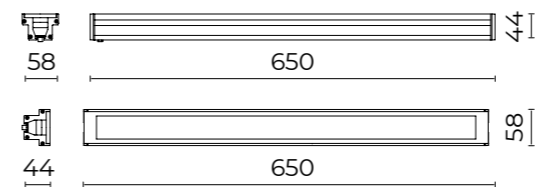


AS  $\alpha=13^\circ$  30° / 75° Asymmetric Beam



Trail

Incasso calpestabile / Walk over recessed



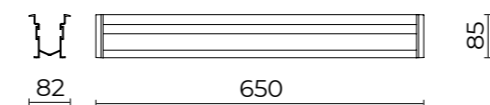


## Trail

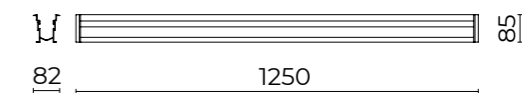
Incasso calpestabile / Walk over recessed

### COMPLEMENTI / ACCESSORIES

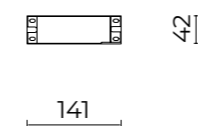
**06TR998J0**  
**Controcassa Trail 650**  
Recessed housing Trail 650



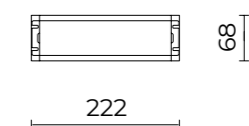
**06TR999J0**  
**Controcassa Trail 1250**  
Recessed housing Trail 1250



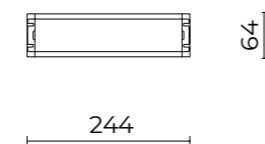
**06TA902X0**  
**Driver elettronico 60W 24V IP66**  
Electronic driver 60W 24V IP66



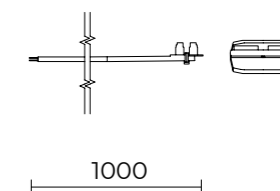
**06LL914AB0**  
**Driver elettronico DALI 150W 24V IP67**  
DALI electronic driver 150W 24V IP67



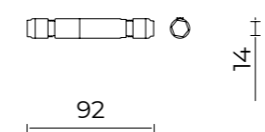
**06LL915AB0**  
**Driver elettronico 240W 24V IP67**  
Electronic driver 240W 24V IP67



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



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



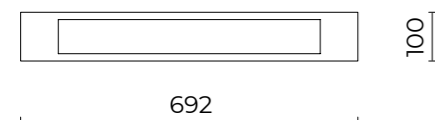
**Trail**

Incasso soffitto / Ceiling-recessed

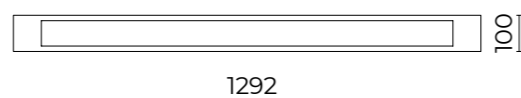


**COMPLEMENTI / ACCESSORIES**

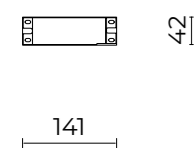
**06TR988A0**  
Kit incasso a plafone Trail 650  
Recessed ceiling kit Trail 650



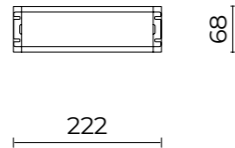
**06TR989A0**  
Kit incasso a plafone Trail 1250  
Recessed ceiling kit Trail 1250



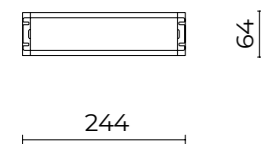
**06TA902X0**  
Driver elettronico 60W 24V IP66  
Electronic driver 60W 24V IP66



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

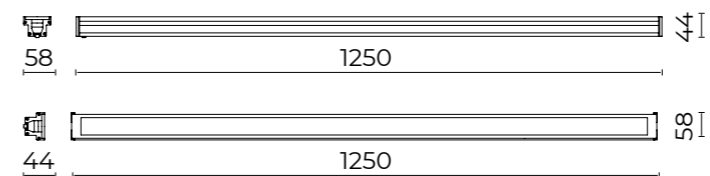
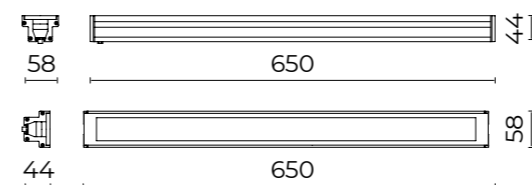


**06LL915AB0**  
Driver elettronico 240W 24V IP67  
Electronic driver 240W 24V IP67



**Trail**

Soffitto / Ceiling-mounted



## Trail

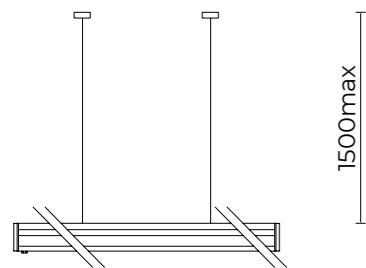
Soffitto / Ceiling-mounted

## COMPLEMENTI / ACCESSORIES

## 06TR986A0

## Sistema sospensione Trail a soffitto driver remoto

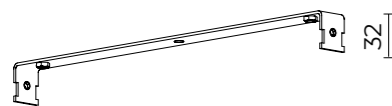
Trail ceiling suspension system remote driver



## 06TR987A0 - RAL9006

## Staffe fissaggio Trail plafone driver remoto

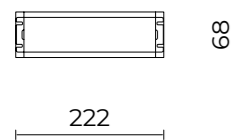
Trail ceiling mounting brackets remote driver



## 06LL914A0

## Driver elettronico 150W 24V IP67

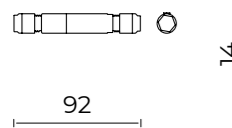
Electronic driver 150W 24V IP67



## 06GC902X0

## B165 - Connettore 2 poli IP68

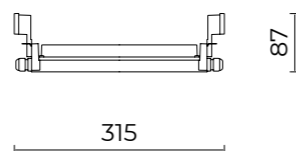
2-pole connector IP68



## 06OT988A0

## Box cablato Trail per attacco a parete o a soffitto

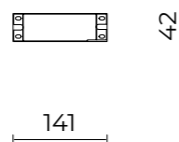
IP65 CL II / Wired box Trail for wall or ceiling attachment IP65 CL II



## 06TA902X0

## Driver elettronico 60W 24V IP66

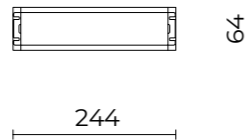
Electronic driver 60W 24V IP66



## 06LL915A0

## Driver elettronico DALI 150W 24V IP67

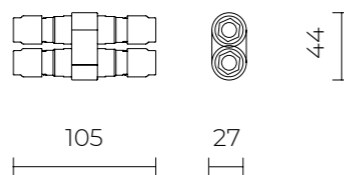
DALI electronic driver 150W 24V IP67



## 06TR977X0

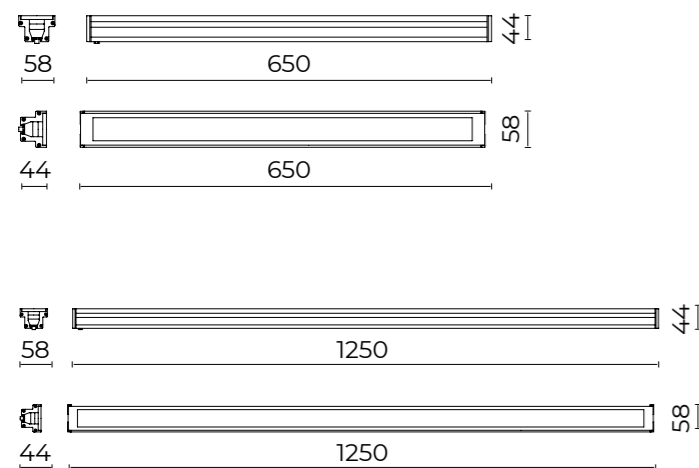
## B220 - Connettore 4 vie IP68

4-way connector IP68



### Trail

Incasso parete / Wall-recessed

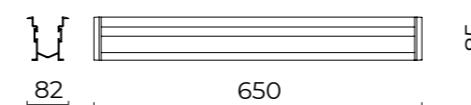


### Trail

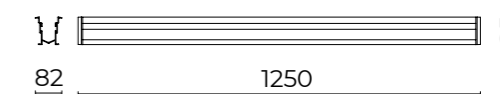
Incasso parete / Wall-recessed

#### COMPLEMENTI / ACCESSORIES

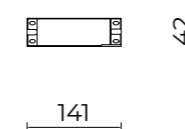
**06TR998JO**  
**Controcassa Trail 650**  
 Recessed housing Trail 650



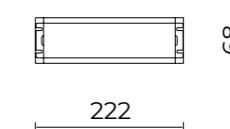
**06TR999JO**  
**Controcassa Trail 1250**  
 Recessed housing Trail 1250



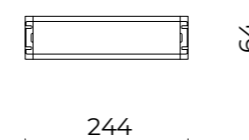
**06TA902X0**  
**Driver elettronico 60W 24V IP66**  
 Electronic driver 60W 24V IP66



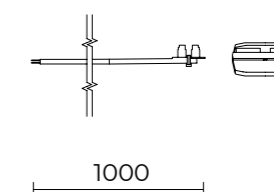
**06LL914AB0**  
**Driver elettronico DALI 150W 24V IP67**  
 DALI electronic driver 150W 24V IP67



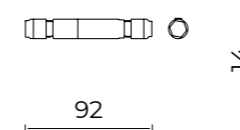
**06LL915AB0**  
**Driver elettronico 240W 24V IP67**  
 Electronic driver 240W 24V IP67



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

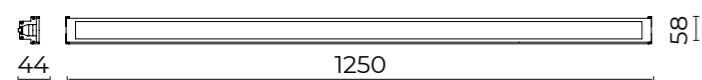
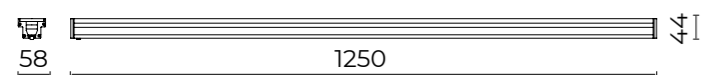
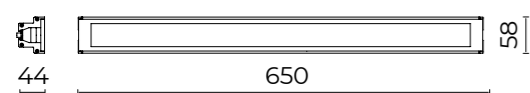
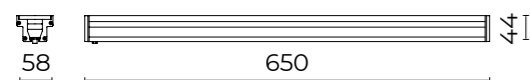


**06GC902X0**  
**B165 - Connettore 2 poli IP68**  
 2-pole connector IP68



**Trail**

Parete / Wall-mounted

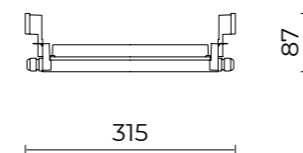


**Trail**

Parete / Wall-mounted

**COMPLEMENTI / ACCESSORIES**

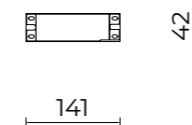
**06OT988A0**  
**Box cablato per attacco a parete o a soffitto IP65 CL II**  
 Wired box for wall or ceiling attachment IP65 CL II



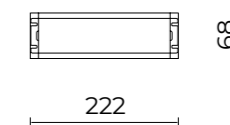
**06TR997A0**  
**Staffe fissaggio parete driver remoto**  
 Wall mounting brackets, remote driver



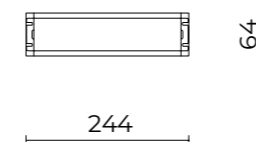
**06TA902X0**  
**Driver elettronico 60W 24V IP66**  
 Electronic driver 60W 24V IP66



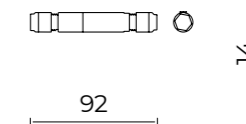
**06LL914AB0**  
**Driver elettronico DALI 150W 24V IP67**  
 DALI electronic driver 150W 24V IP67



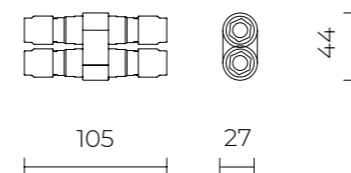
**06LL915AB0**  
**Driver elettronico 240W 24V IP67**  
 Electronic driver 240W 24V IP67



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

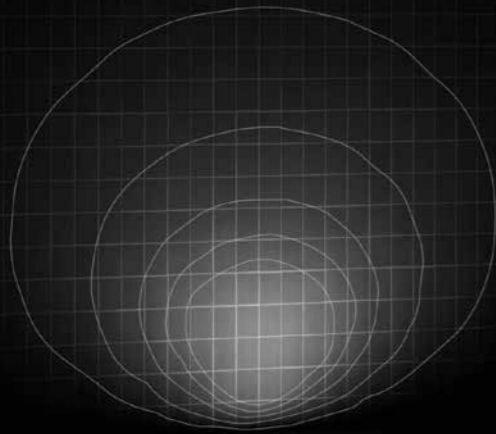


**06TR977X0**  
**B220 - Connettore 4 vie IP68**  
 4-way connector IP68

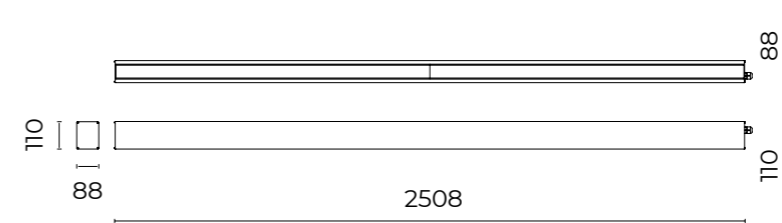


OTTICHE / OPTICS

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.





#### 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

#### STATIC WHITE LIGHT

- 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

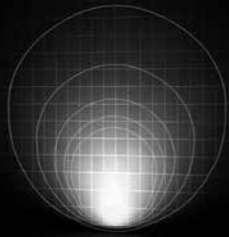
**Installazione** / Installation:  
terra (carrabile), pavimento flottante, controsoffitto  
ground (drive over), floating floor, false ceiling

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

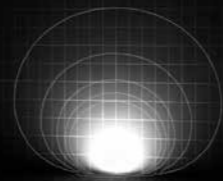


OTTICHE / OPTICS

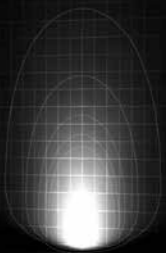
W-W Wall Washer



U-D 90° Diffused Beam



D 45° Wide Beam



M 25° Medium Beam

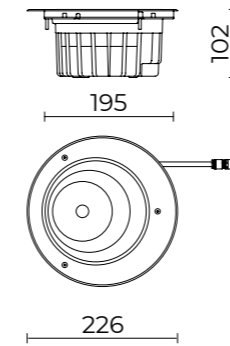


C 12° Narrow Beam



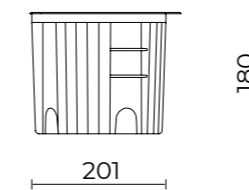
Kore

Incasso carrabile / Drive over recessed

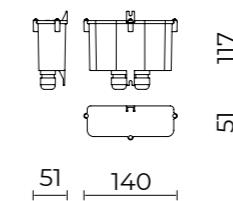


COMPLEMENTI / ACCESSORIES

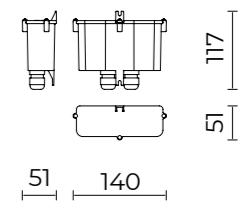
**06KR901B0**  
**B132 - Controcassa carrabile**  
 Drive over recessed housing



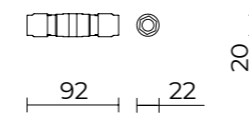
**06KR904X0**  
**B149 - Driver elettronico**  
**20W 240V IP67**  
 Electronic driver 20W 240V IP67



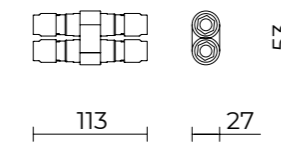
**06KR905X0**  
**B150 - Driver elettronico**  
**DALI 20W 240V IP67**  
 DALI electronic driver  
 20W 240V IP67



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

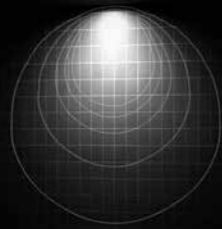


**06KS909C0**  
**B89 - Connettore 4 vie IP68**  
 4-way connector IP68



OTTICHE / OPTICS

W-W Wall Washer



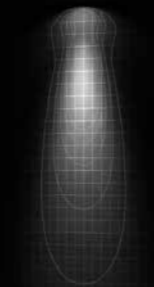
U-D 90° Diffused Beam



D 45° Wide Beam



M 25° Medium Beam

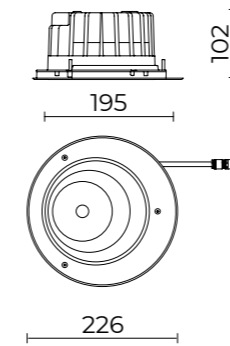


C 12° Narrow Beam



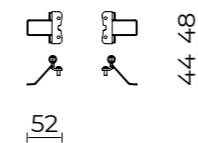
Kore

Incasso soffitto / Ceiling recessed

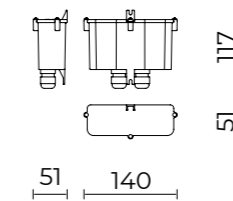


COMPLEMENTI / ACCESSORIES

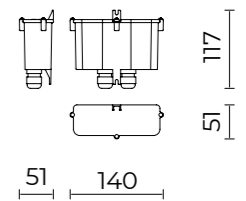
**06KR903XX0**  
**B134 - Molle per incasso a soffitto**  
 Springs for ceiling recessed installation



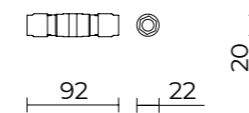
**06KR904X0**  
**B149 - Driver elettronico**  
**20W 240V IP67**  
 Electronic driver 20W 240V IP67



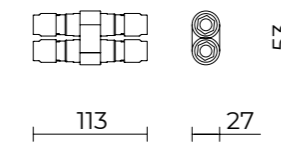
**06KR905X0**  
**B150 - Driver elettronico DALI**  
**20W 240V IP67**  
 DALI electronic driver  
 20W 240V IP67



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



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





# BANISTER

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

BANISTER is a lighting element, ideal for evenly lighting walkways, stairs, corridors and pedestrian bridges.







\* individual module \*\* continuous line

#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio** / Fitting flux:  
270 - 1100 lm

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

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

#### STATIC WHITE LIGHT

 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

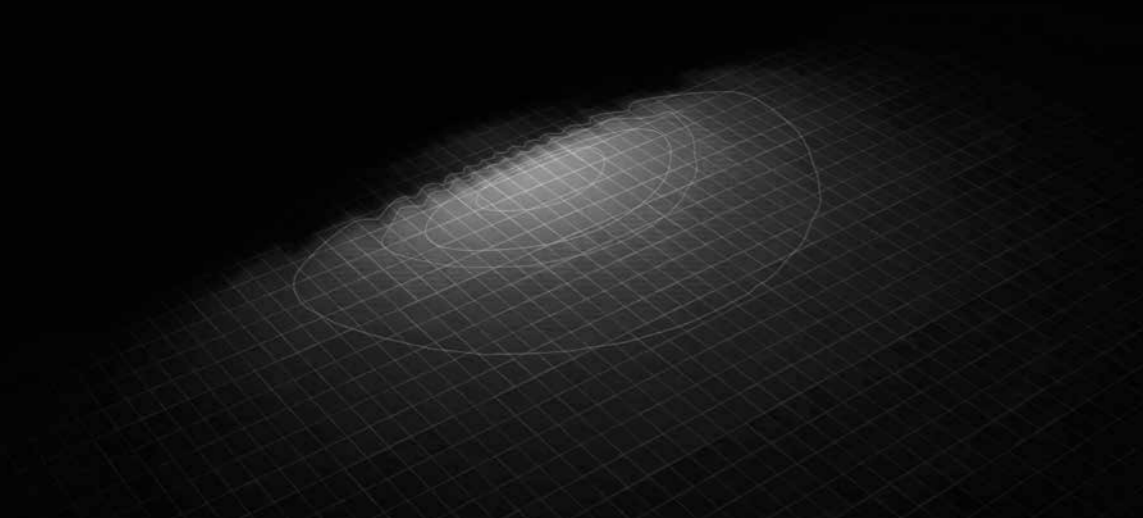
**Peso massimo** / Max weight:  
2 kg

**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  
versione linea continua / continuous line version

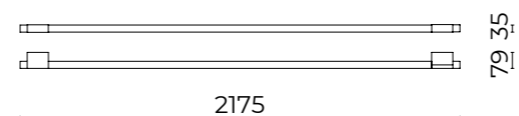
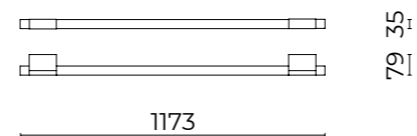
**Installazione** / Installation:  
parete / wall

**Fissaggio** / Fixing system:  
staffa fissa / fixed bracket

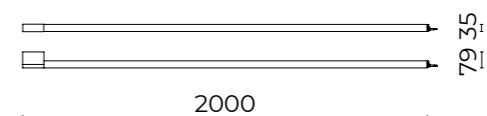
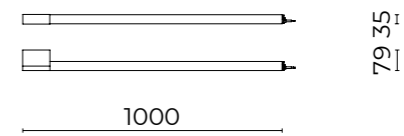
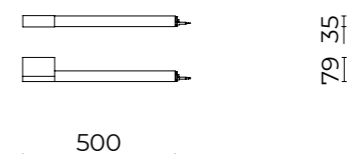


### Banister Parete / Wall

INDIVIDUAL MODULE  
driver included



CONTINUOUS LINE

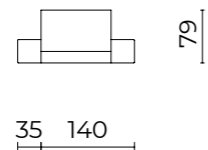


## Banister

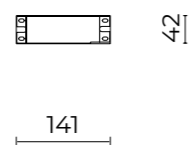
Parete / Wall

### COMPONENTI / ACCESSORIES

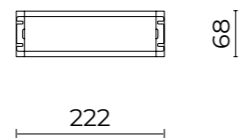
**06BA900CO**  
**Kit 2 terminali e staffa**  
Kit with 2 terminal parts and brackets



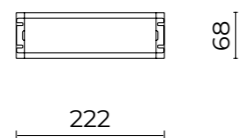
**06TA902XO**  
**Driver elettronico 60W 24V IP66**  
Electronic driver 60W 24V IP66



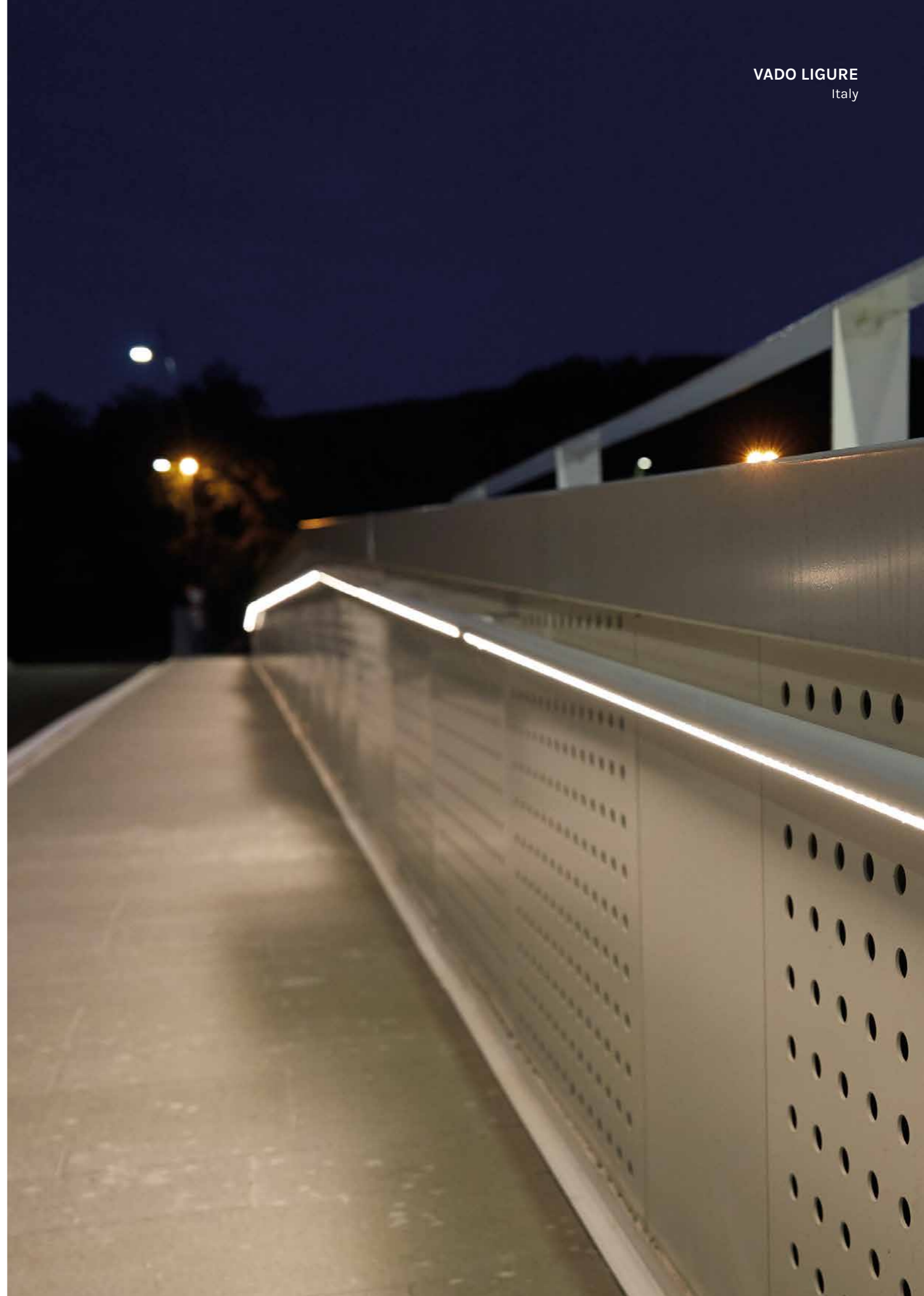
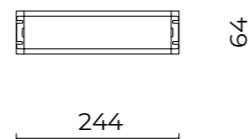
**06TA905XO**  
**Driver elettronico DALI 75W 24V IP67**  
Electronic driver DALI 75W 24V IP67



**06LL914ABO**  
**Driver elettronico DALI 150W 24V IP67**  
DALI electronic driver 150W 24V IP67



**06LL915ABO**  
**Driver elettronico 240W 24V IP67**  
Electronic driver 240W 24V IP67



# 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



220 240V	24Vdc DALI	50 60Hz	CL II CL III	IP66	BL IK08 AD IK07	ta -30°C +50°C
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#### 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

#### STATIC WHITE LIGHT

- 2700 K
- 3000 K
- 4000 K

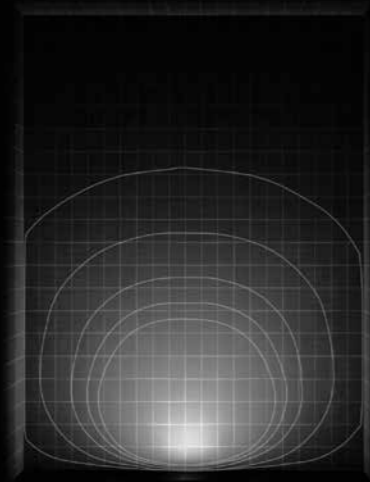


OTTICHE / OPTICS

Blade 5°x180°

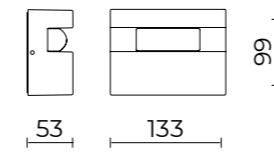


Asymmetric Diffused Beam

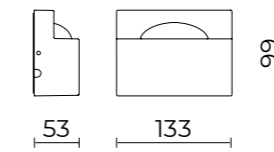


Emi

BL



AD

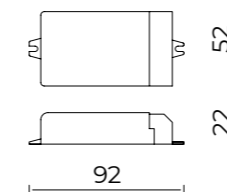


COLORI / COLOURS

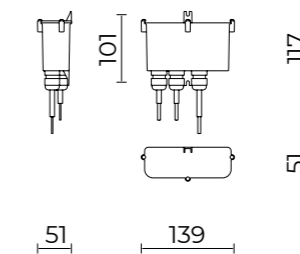
- SABLÉ 100 NOIR
- RAL9006
- CORTEN
- RAL9003

COMPLEMENTI / ACCESSORIES

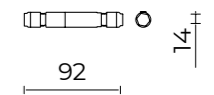
**06EM900X0**  
**D1 - Driver DALI 20W 24V IP20**  
**N. 1 - 4 EMI / DALI driver 20W 24V**  
 IP20 N. 1 - 4 EMI



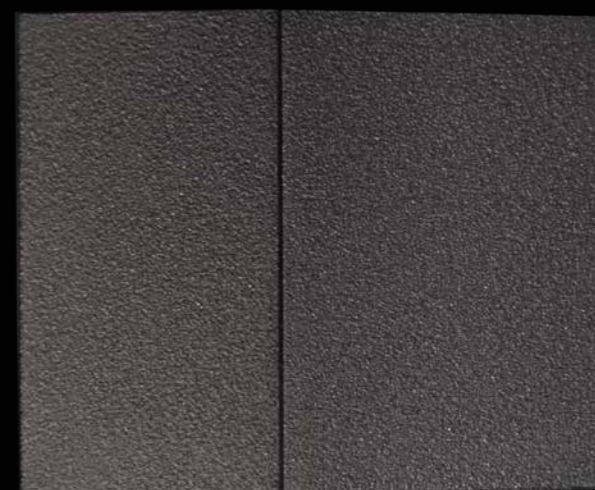
**06EM901X0**  
**D2 - Kit driver DALI 20W 24V IP67**  
**N. 1 - 4 EMI / Kit DALI driver 20W**  
 24V IP67 N. 1 - 4 EMI



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



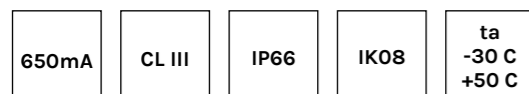
# MIKRO



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.





#### 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

#### STATIC WHITE LIGHT

- 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

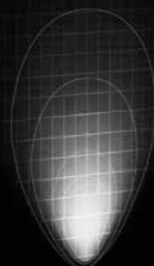
**Installazione / Installation:**  
terra, parete, soffitto / ground, wall-mounted, ceiling



OTTICHE / OPTICS

Blade 4°x17°

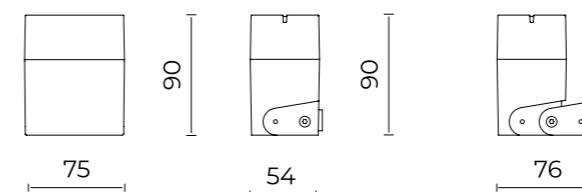
D 50°x20° Wide Beam



M 21°x19° Medium Beam

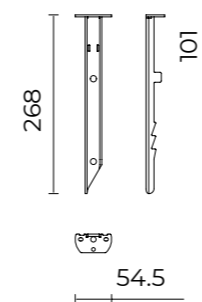


Mikro

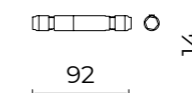


COMPLEMENTI / ACCESSORIES

**06AK957B0**  
**I2 - Picchetto per interramento**  
 Spike for ground



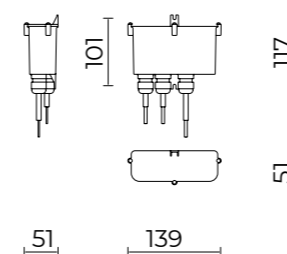
**06GC902X0**  
**B165 - Connettore 2 poli**  
 2 pole connector



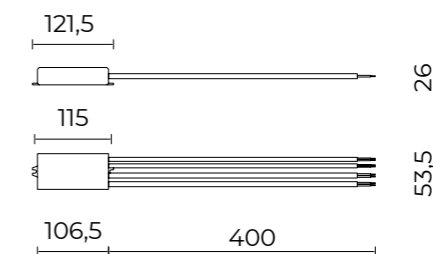
**06MK900X0**  
**D3 - Driver 30W 650mA IP20 1 - 6 Mikro**  
 Driver 30W 650 mA IP20 1 - 6 Mikro



**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



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

\*\* Grapho

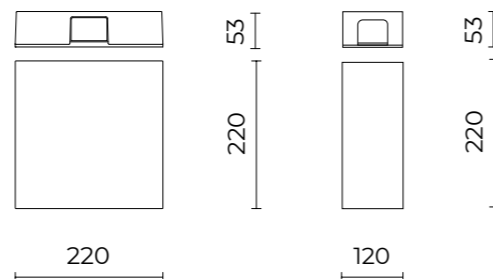
**DATI PRESTAZIONALI / PERFORMANCE DATA**

**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



**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

**STATIC WHITE LIGHT**

- 2700 K
- 3000 K
- 4000 K

**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)

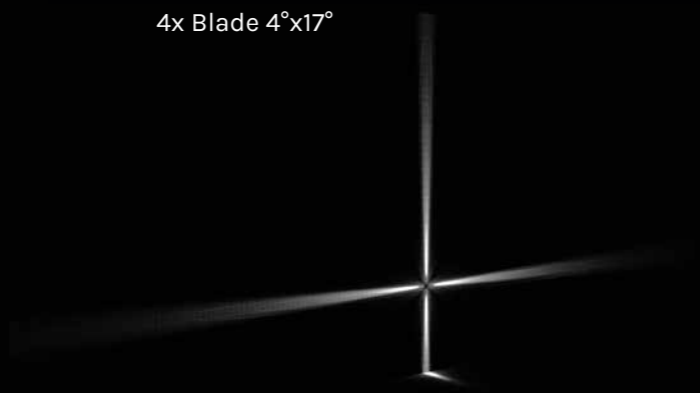
**Sistema antivandalismo / Vandal-proof system:**  
previsti grani antivandalici  
anti-vandalism grains provided



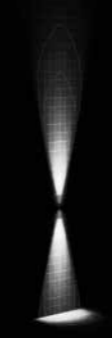
2x Blade 4°x17°



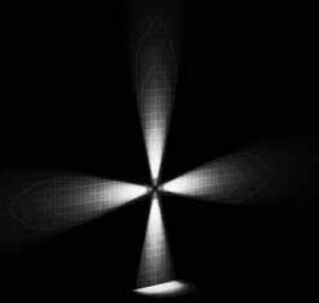
4x Blade 4°x17°



2x D 21°x19° Medium Beam



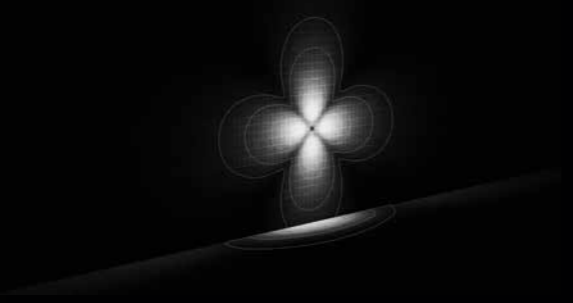
4x D 21°x19° Medium Beam



2x D 50°x20° Wide Beam



4x D 50°x20° Wide Beam



2x U-D 100°x60° Diffused Beam



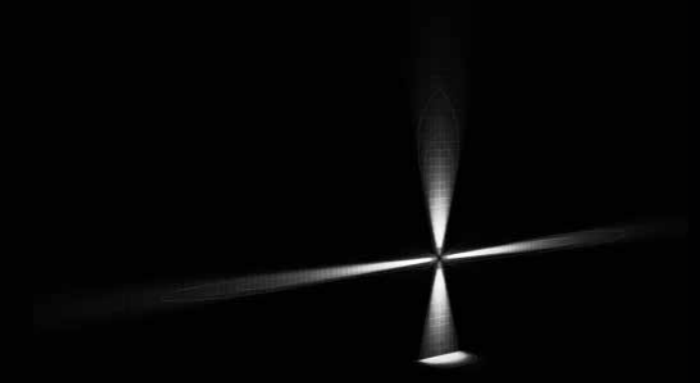
U-D 100°x60° Diffused Beam



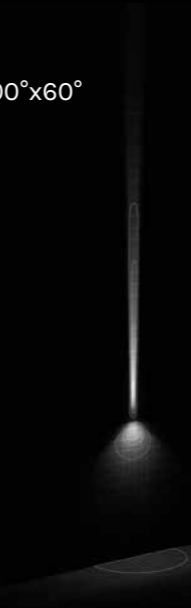
1x blade 4°x17° + 1x D 21°x19°  
Medium Beam



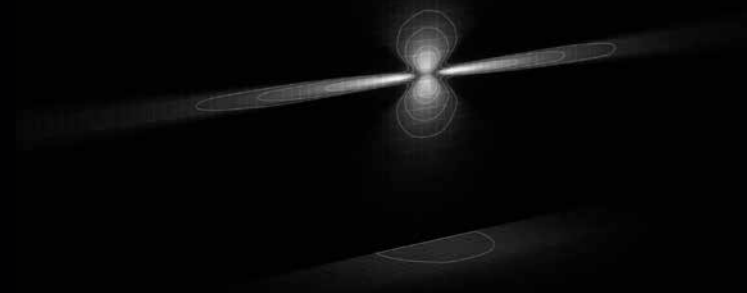
2x blade 4°x17° + 2x D 21°x19°  
Medium Beam



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°



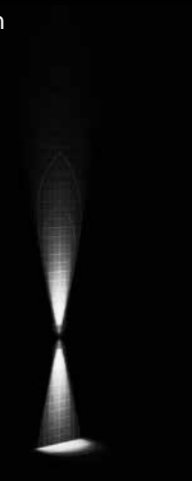
2x Blade 4°x17°



1x D 21°x19° Medium Beam



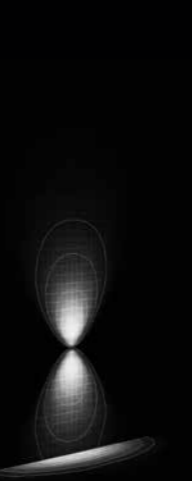
2x D 21°x19° Medium Beam



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

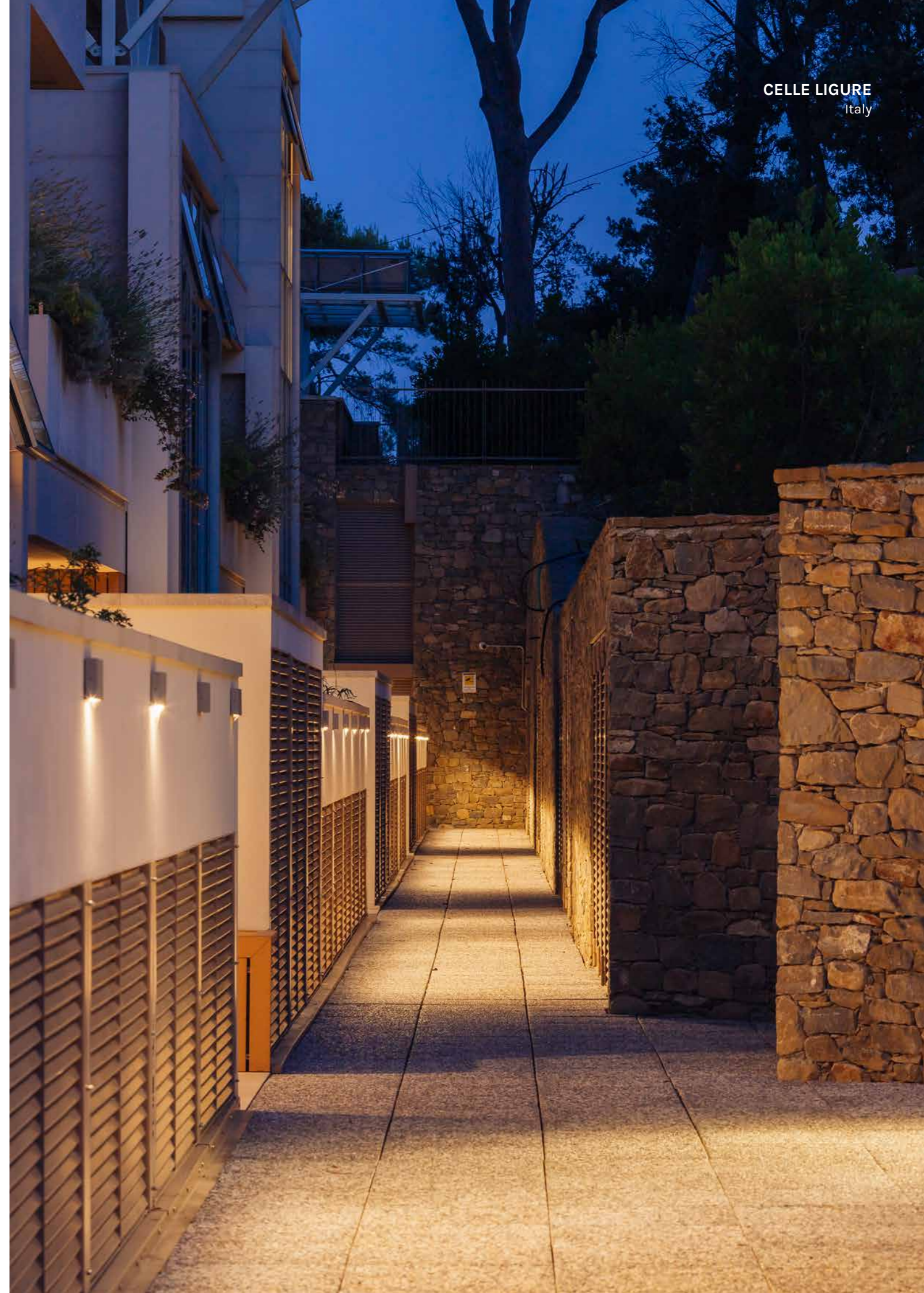


A dark, minimalist scene with a spotlight illuminating a square on a wall. The spotlight creates a bright, circular pool of light on the floor and a corresponding bright square on the wall above it. The rest of the scene is in deep shadow.

# 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.



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

**STATIC WHITE LIGHT**

-  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

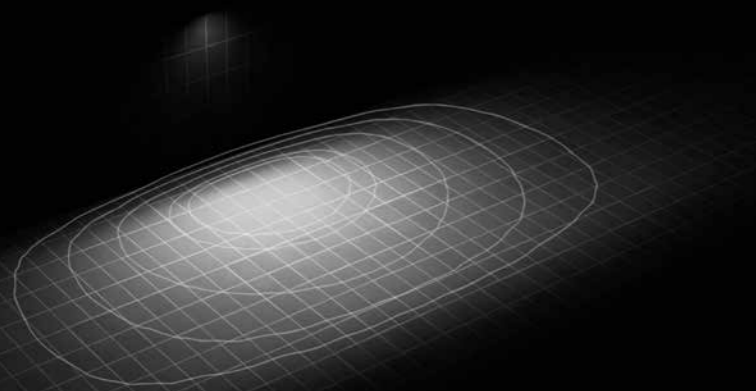
**COLORI / COLOURS**

-  SABLÉ 100 NOIR
-  RAL9006
-  CORTEN
-  RAL9003



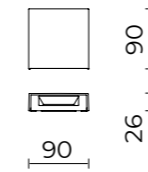
OTTICHE / OPTICS

AS-D Asymmetric Diffused Beam

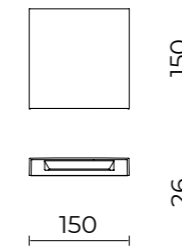


Sans Serif

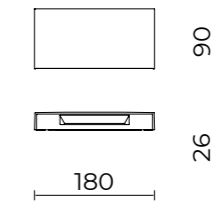
SMALL  
QUADRATO  
SQUARED



MEDIUM  
QUADRATO  
SQUARED



MEDIUM  
RETTANGOLARE  
RECTANGULAR



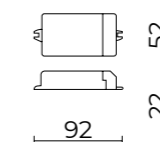
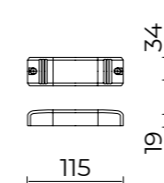
COMPLEMENTI / ACCESSORIES

**06SS900X0**  
**B184 - Driver IP20 350mA 15W, N.1-3 Sans Serif SQ**  
 Driver IP20 350 mA 15 W, N.1-3 Sans Serif SQ

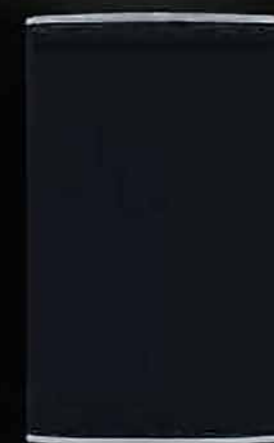
**06SS901X0**  
**B187 - Driver IP67 20W DALI, N.1-3 Sans Serif SQ**  
 Driver IP67 20W DALI, N.1-3 Sans Serif SQ

**06SS902X0**  
**B188 - Driver IP67 20W DALI, N.1-2 Sans Serif MQ / MR**  
 Driver IP67 20W DALI, N.1-2 Sans Serif MQ / MR

**06LX900X0**  
**B176 Driver DALI IP20 16W, N.1-3 SQ o N.1-2 MQ / MR**  
 DALI driver IP20 16W, N.1-3 SQ or N.1-2 MQ / MR



# 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.



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

#### STATIC WHITE LIGHT

- 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)

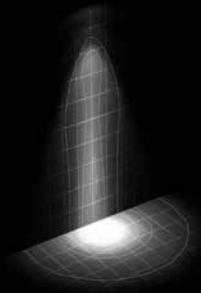
**Alimentazione elettronica** / Electronic power supply:  
inclusa / included

**Installazione** / Installation:  
parete / wall

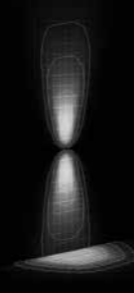


OTTICHE / OPTICS

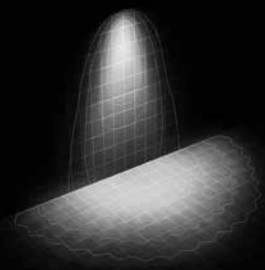
C 8° Narrow Beam



D 40° + D 40°



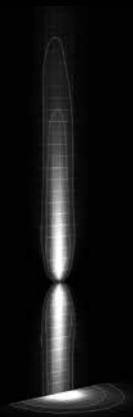
D 40° Wide Beam



C 8° + D 40°

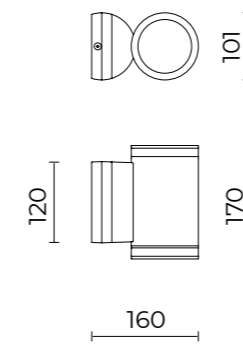


C 8° + C 8°

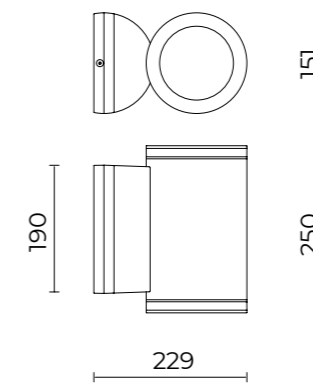


One4two  
Parete / Wall

SMALL



MEDIUM



# KALOS 2.0

Kalos 2.0 è la lampada urbana che illumina con discrezione gli spazi della città per trasformarli in luoghi più vivibili e rispettosi dell'ambiente.

FKalos 2.0 is the urban lamp that discreetly illuminates city spaces to transform them into more liveable and environmentally friendly places.





220 240V	50 60Hz	CL II	IP66/69	IK09	ta -30°C +50°C
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#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio / Fitting flux:**  
1040 (1800 K) - 11500 lm

**Potenza apparecchio / Fitting power:**  
9,5 - 78 W

**Indice di resa cromatica / Colour Rendering Index:**  
CRI ≥ 70/80, SDCM ≤ 3

**Illuminazione intelligente / Smart lighting:**  
mezzanotte virtuale. Su richiesta DALI, ZHAGA UP & DOWN, NEMA UP, CLO / virtual midnight. On request DALI, ZHAGA UP & DOWN, NEMA UP, CLO

#### 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

#### STATIC WHITE LIGHT

- 2200 K
- 2700 K
- 3000 K
- 4000 K
- ● 1800 + 4000 K (F&B)

#### BLUE FREE LIGHT

- 1800 K
- PC-AMBER

#### DYNAMIC WHITE LIGHT

- ◐ 1800 K / 4000 K

#### COLORI / COLOURS

- SABLÉ 100 NOIR

#### CARATTERISTICHE / FEATURES

**Peso massimo / Max weight:**  
7 kg

**Alimentazione elettronica / Electronic power supply:**  
inclusa / included

**Resistenza sovratensioni / Surge Protection Device**  
10 kV MC/MD. Su richiesta con SPD 10kV MC / 12 kV MD / 10 kV MC/MD. On request with SPD 10kV MC / 12 kV MD

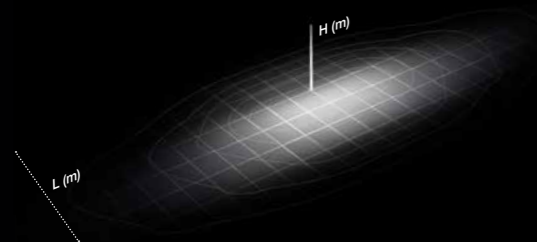
**Precablaggio / Pre-wiring:**  
prodotto fornito con cavo e connettore IP68 /  
pre-wired product with cable and IP68 connector

**Installazione / Installation:**  
palo / pole

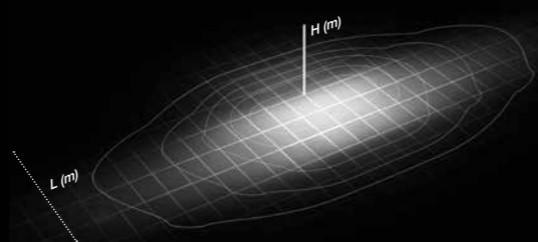


OTTICHE / OPTICS

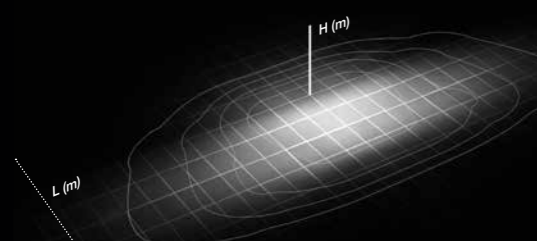
LT-C1 Cycle Path  
L / H = 0,5



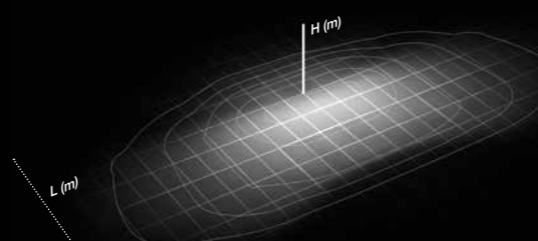
ST-02 Narrow Street  
L / H = 0,75



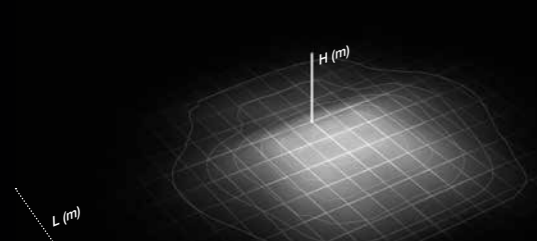
ME-05 Medium Street  
L / H = 1



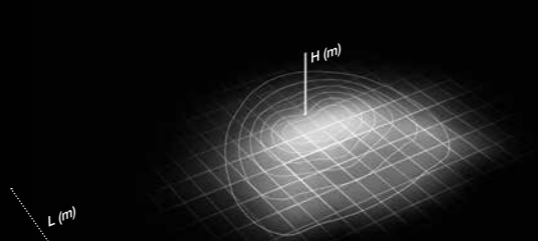
LA-03 Wide Street  
L / H = 1,25



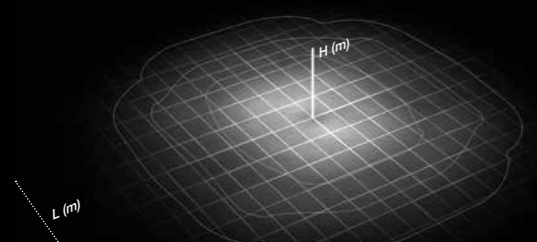
LT-63 Asymmetric beam  
L / H = 2



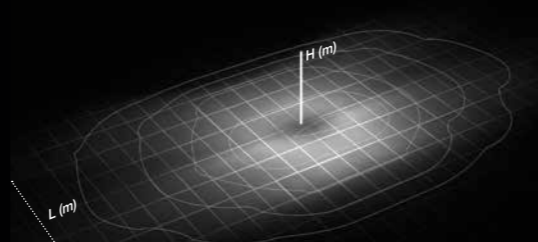
LT-64 Asymmetric beam  
L / H = 2



RS-02 Rotosymmetric beam  
L / H = 2



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

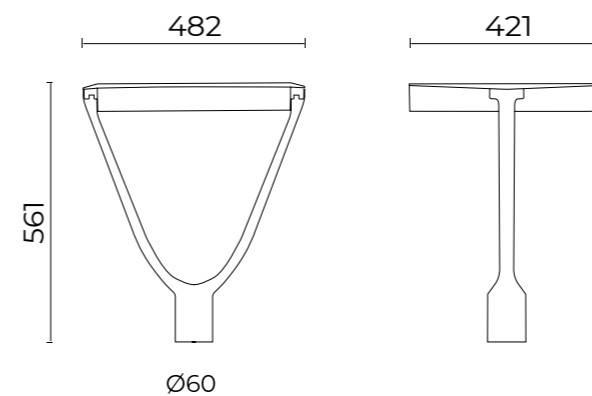


Kalos 2.0

Testa palo / Post top

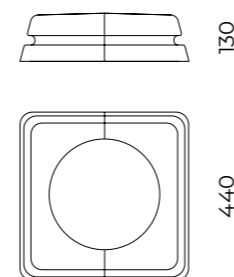
DATI TECNICI / TECHNICAL DATA

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



COMPLEMENTI / ACCESSORIES

**AK9002CC**  
Copertura base palo Ø76 Sablé 100 /  
Cover pole Ø76 Sablé 100



# 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.





220 240V	50 60Hz	CL II	IP66	IK09	ta -30°C +50°C
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#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio / Fitting flux:**  
1075 (2200 K) - 10905 lm

**Potenza apparecchio / Fitting power:**  
9,5 - 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

#### STATIC WHITE LIGHT

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

#### DYNAMIC WHITE LIGHT

- 1800 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:**  
8 kg

**Alimentazione elettronica / Electronic power supply:**  
inclusa / included

**Resistenza sovratensioni / Surge Protection Device:**  
10 kV MC / 12 kV MD

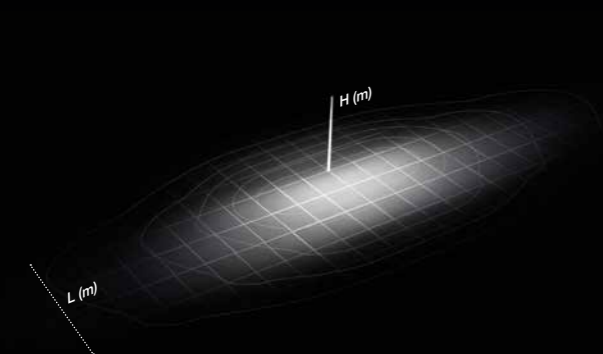
**Precablaggio / Pre-wiring:**  
**prodotto fornito con cavo e connettore**  
product provided with cable and connector

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

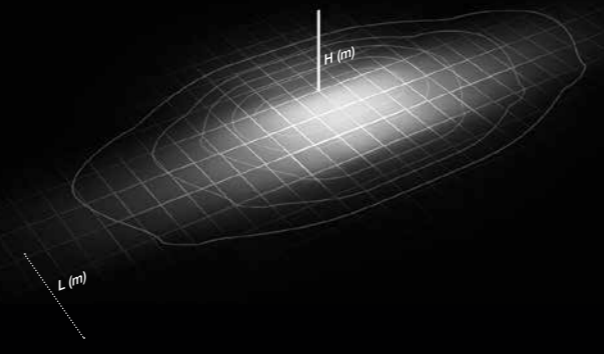


OTTICHE / OPTICS

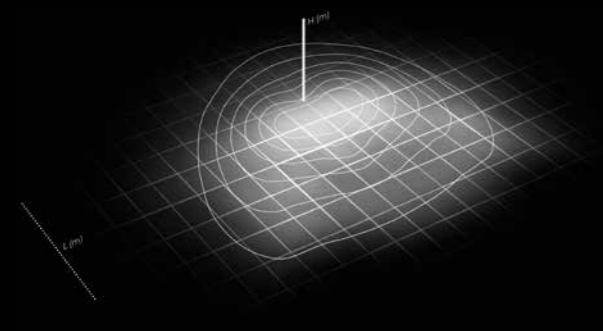
LT-C1 Cycle path  
L / H = 0,5



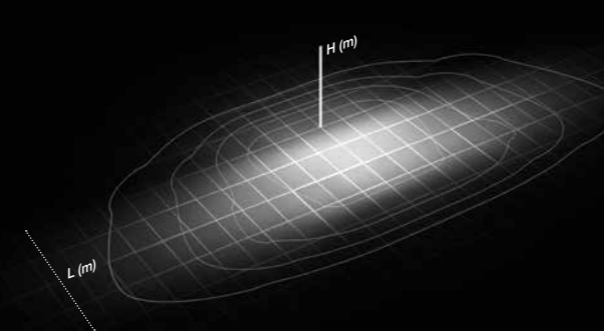
ST-02 Narrow Street  
L / H = 0,75



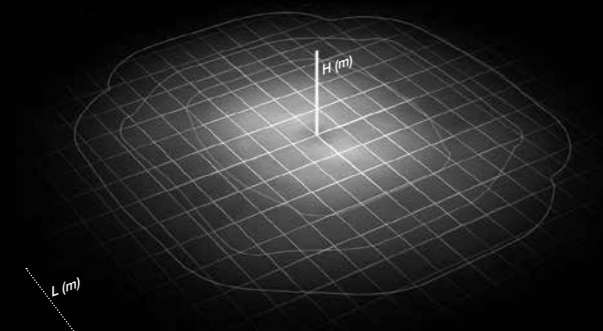
LT-64 Asymmetric Beam with backlight  
L / H = 2



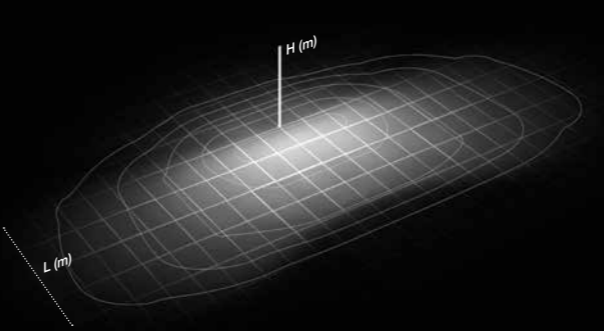
ME-05 Medium Street  
L / H = 1



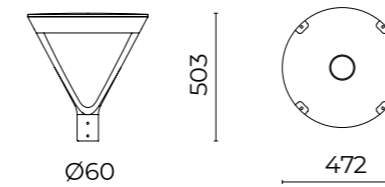
RS-02 Rotosymmetric Beam



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

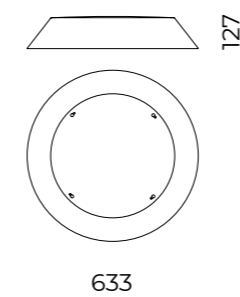


Poli

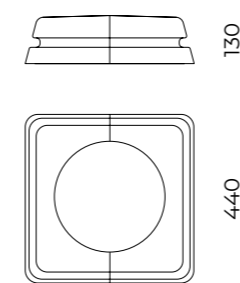


COMPLEMENTI / ACCESSORIES

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



- AK9002CC
- Copertura base palo Ø76 Sablé 100 /
- Cover pole Ø76 Sablé 100



# DUAL

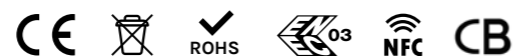


Una soluzione intelligente per l'illuminazione di spazi e percorsi urbani. Le linee morbide e le forme eleganti lo rendono adatto ad ogni contesto.

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



220 240V	50 60Hz	CL II	IP66	IK08	ta -30°C +50°C
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#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio / Fitting flux:**  
1255 (2700K) - 10905 lm

**Potenza apparecchio / Fitting power:**  
9,5 - 77 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

#### STATIC WHITE LIGHT

- 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

#### CARATTERISTICHE / FEATURES

**Peso massimo / Max weight:**  
6 kg

**Alimentazione elettronica / Electronic power supply:**  
inclusa / included

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

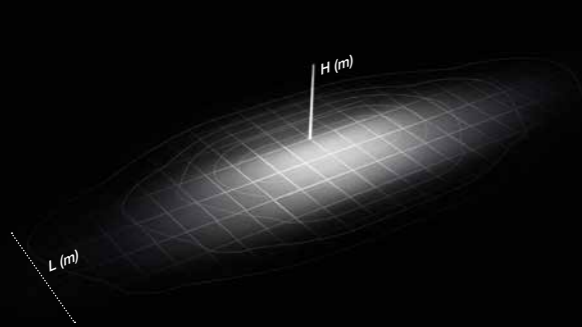
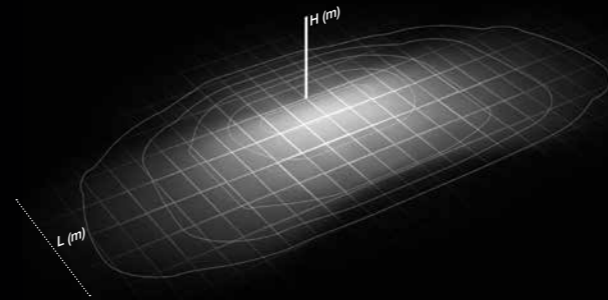
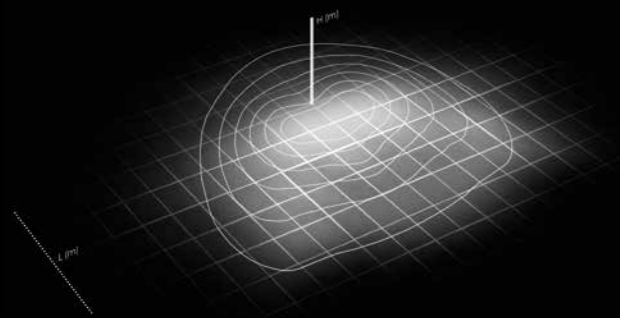
**Precablaggio / Pre-wiring:**  
incluso, fornito con cavo e connettore  
included, provided with cable and connector

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

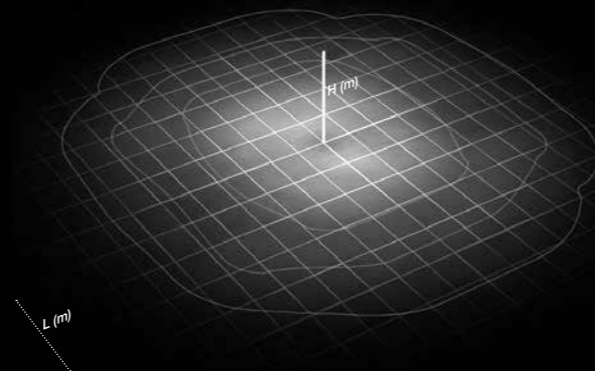
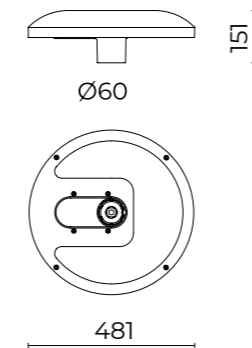
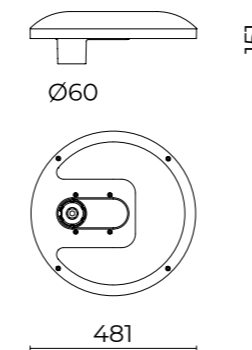
**ASIMMETRICO**  
ASYMMETRICAL

**RTOSIMMETRICO**  
ROTOSYMMETRICAL

## OTTICHE / OPTICS

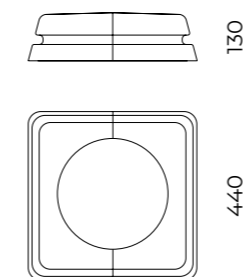
LT-C1 Cycle path  
L / H = 0,5LA-03 Wide Street  
L / H = 1,25LT-64 Asymmetric Beam with backlight  
L / H = 2

RS-02 Rotosymmetric Beam

Rotosimmetrico  
RotosymmetricalAsimmetrico  
Asymmetrical

## COMPLEMENTI / ACCESSORIES

**AK9002CC**  
Copertura base palo Ø76 Sablé 100 /  
Cover pole Ø76 Sablé 100



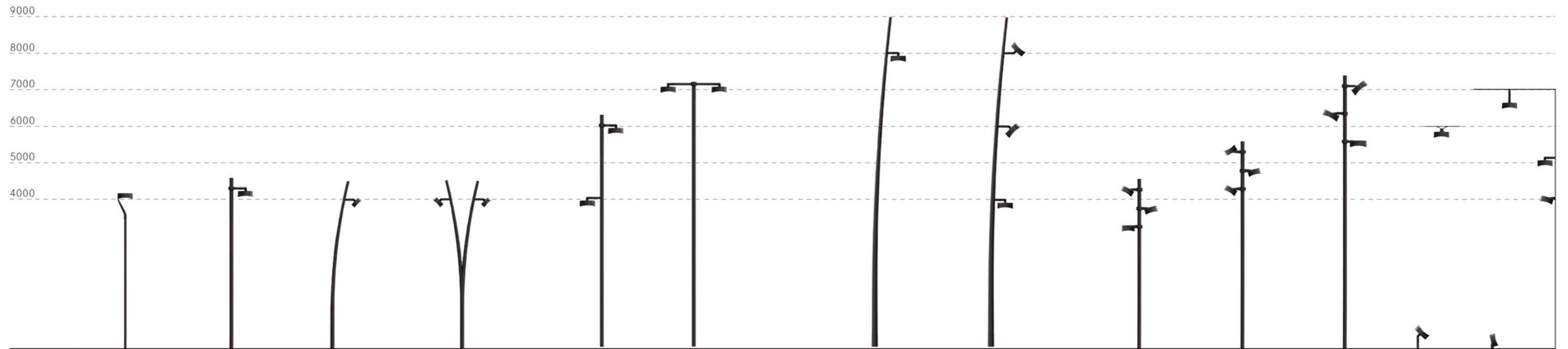
# KOSMOS

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

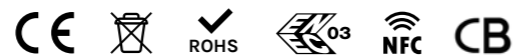
KOSMOS is a complete flexible system for lighting empty and full urban locations: pathways, spaces and architecture.







220 240V	50 60Hz	CL II	IP66	IK09	ta -30°C +50°C
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#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio / Fitting flux:**  
1235 (2200 K) - 11670 lm

**Potenza apparecchio / Fitting power:**  
9,5 - 77 W

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

**Illuminazione intelligente / Smart Lighting:**  
mezzanotte virtuale. Su richiesta DALI, ZHAGA UP (Kosmos medium), CLO, PLC, telegestione wireless virtual midnight. On request DALI, ZHAGA UP (Kosmos medium), 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

#### STATIC WHITE LIGHT

● 2200 K

● 2700 K

● 3000 K

○ 4000 K

#### DYNAMIC WHITE LIGHT

● 1800 K / 4000 K

#### 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 / 12 kV MD

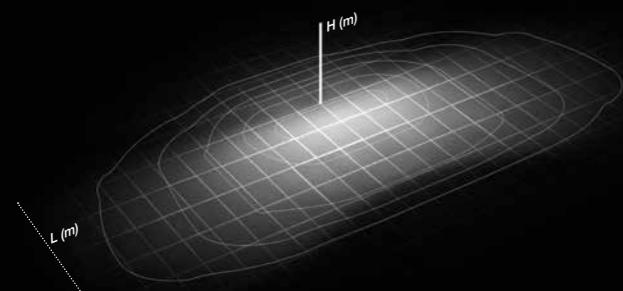
**Precablaggio / Pre-wiring:**  
prodotto pre-cablato con cavo e connettore  
pre-wired product with cable and connector

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

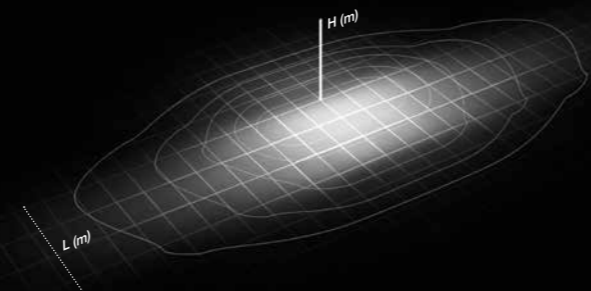


OTTICHE / OPTICS

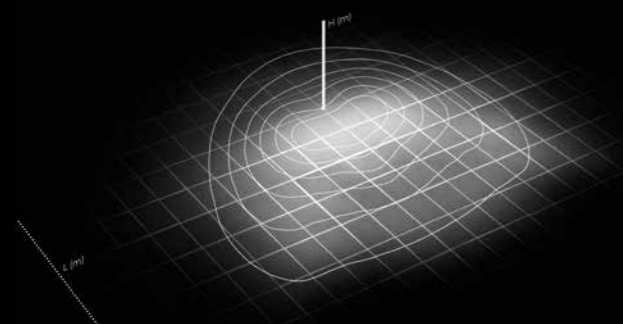
LA-03 Wide Street  
L / H = 1,25



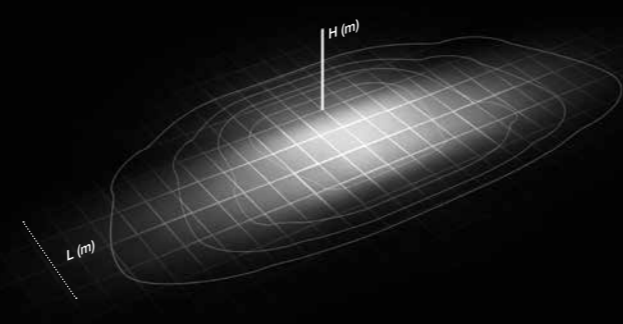
ST-02 Narrow Street  
L / H = 0,75



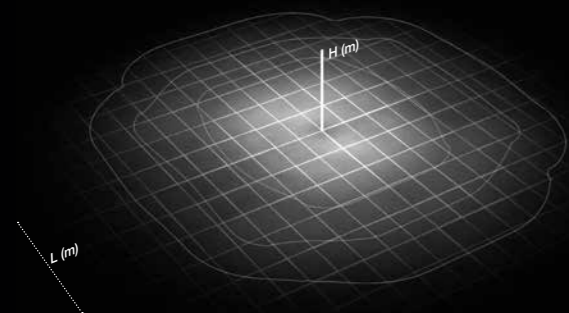
LT-64 Asymmetric Beam with backlight  
L / H = 2



ME-05 Medium Street  
L / H = 1



RS-02 Rotosymmetric Beam  
L / H = 2

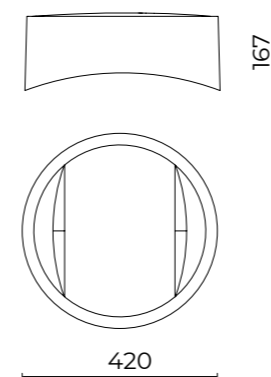


**Kosmos**  
Testa palo / Post top

**DATI TECNICI / TECHNICAL DATA**

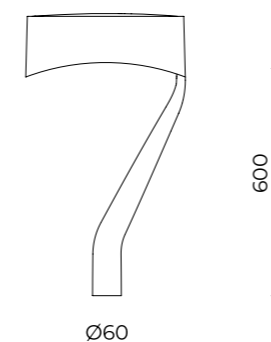
**Installazione / Installations:**  
con accessorio 06KS901C0 su pali Ø 76 mm, con riduzione Ø 60 mm, H 90 mm / with accessory 06KS901C0 on poles Ø 76 mm, with reduction Ø 60 mm, H 90 mm

**MEDIUM**

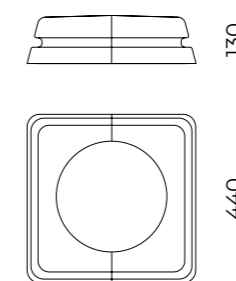


**COMPLEMENTI / ACCESSORIES**

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

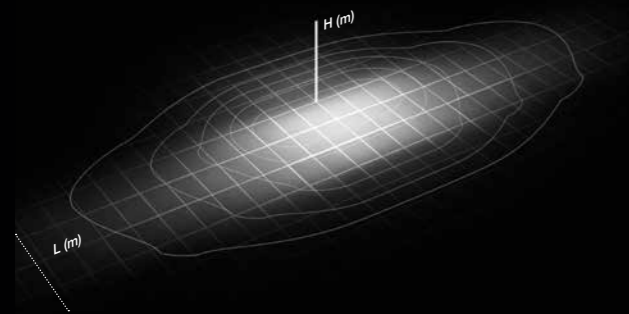


**AK9002CC**  
**Copertura base palo Ø76 Sablé**  
**100 / Cover pole Ø76 Sablé 100**

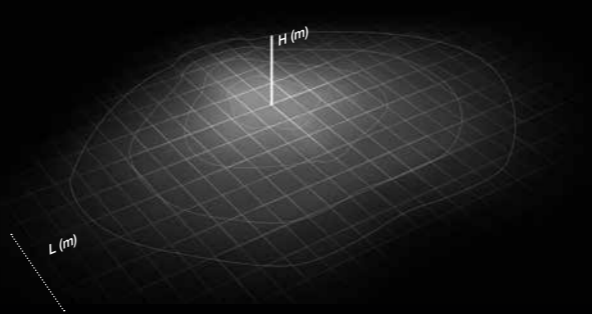


OTTICHE / OPTICS

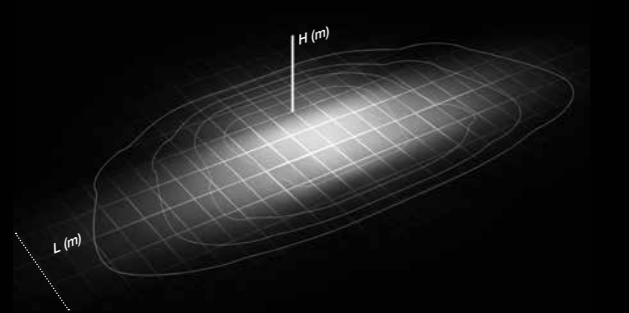
ST-02 Narrow Street  
L / H = 0,75



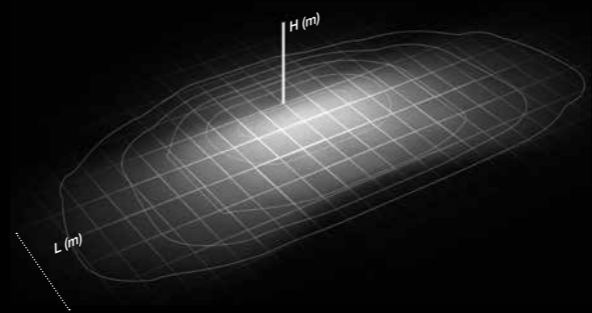
PB-01 Low Pole  
L / H = 2



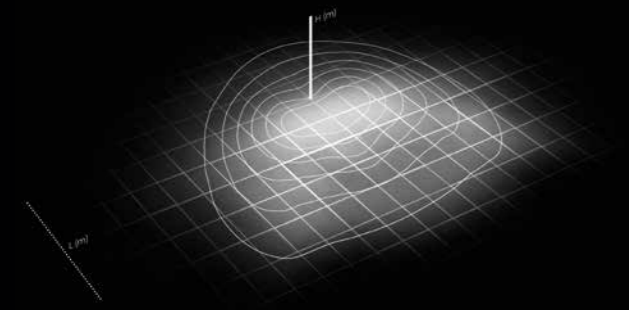
ME-05 Medium Street  
L / H = 1



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



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



**Kosmos**  
Lato palo / Pole side

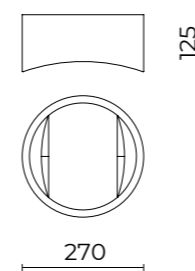


**DATI TECNICI / TECHNICAL DATA**

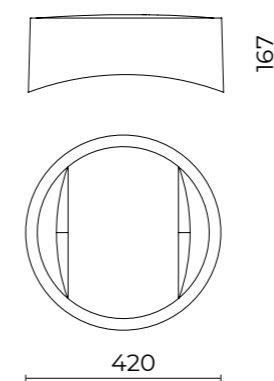
**Installazione / Installation:**  
con accessori, su pali Ø 60 - 76 - 102 mm  
with accessories, on poles Ø 60 - 76 - 102 mm

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

SMALL



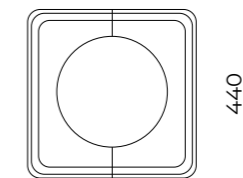
MEDIUM



**AK9001CC**  
Copertura base palo Ø60 Sablé 100 /  
Cover pole Ø60 Sablé 100



**AK9002CC**  
Copertura base palo Ø76 Sablé 100 /  
Cover pole Ø76 Sablé 100



**AK9004CC**  
Copertura base palo Ø102 Sablé 100 /  
Cover pole Ø102 Sablé 100

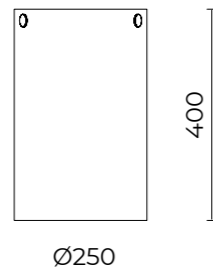


**Kosmos**  
Lato palo / Pole side

COMPLEMENTI / ACCESSORIES

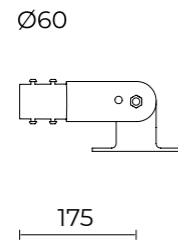
KOSMOS SMALL

**06ND901Y0**  
**Diffusore policarbonato trasparente**  
Transparent polycarbonate diffuser

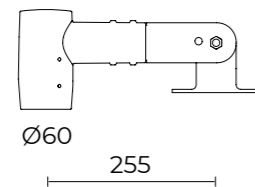


KOSMOS SMALL - MEDIUM

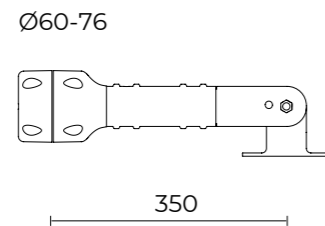
**06KS904C0**  
**B84 - Snodo per bracci**  
Joint for arms



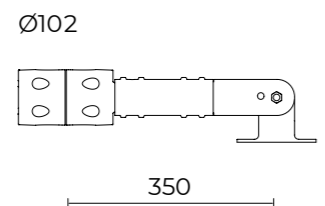
**06KS906C0**  
**B86 - Giunto testa palo, codolo H 90 mm**  
Joint for post top, fastening part H 90 mm



**06KS907C0**  
**B87 - Braccio per pali**  
Arm for poles

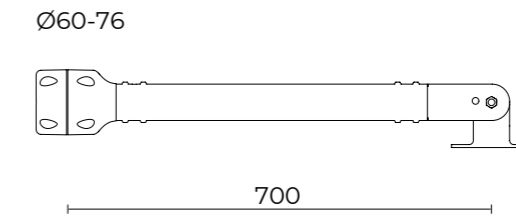


**06KS912C0**  
**B92 - Braccio per pali**  
Arm for poles

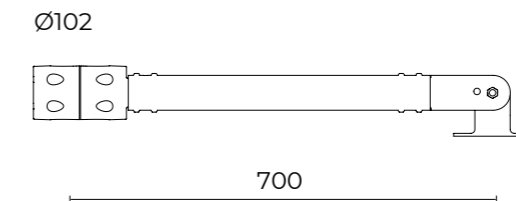


KOSMOS SMALL - MEDIUM

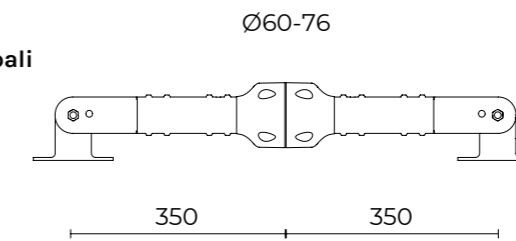
**06KS908C0**  
**B88 - Braccio per pali**  
Arm for poles



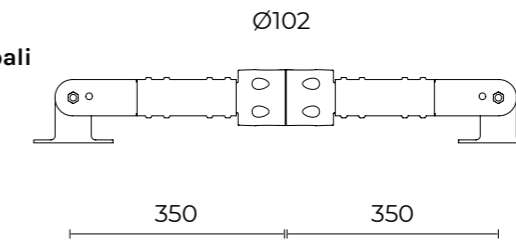
**06KS913C0**  
**B93 - Braccio per pali**  
Arm for poles



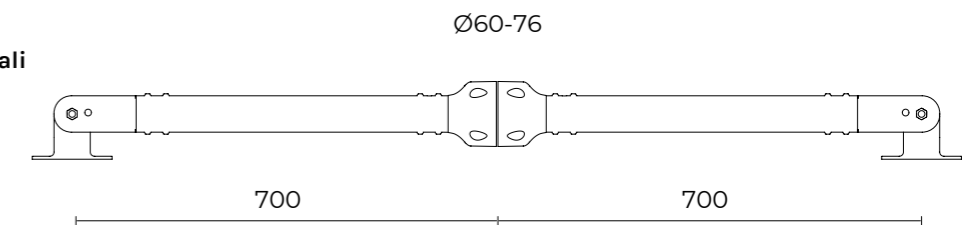
**06KS910C0**  
**B90 - Braccio doppio per pali**  
Double arm for poles



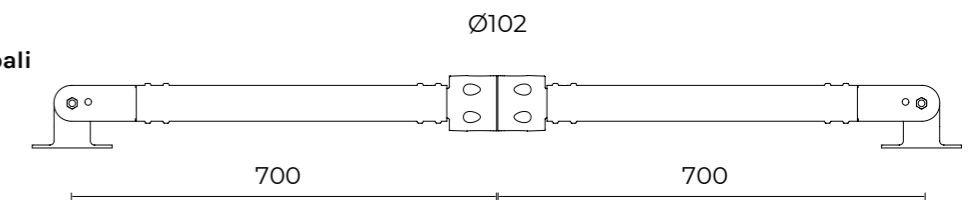
**06KS914C0**  
**B94 - Braccio doppio per pali**  
Double arm for poles



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

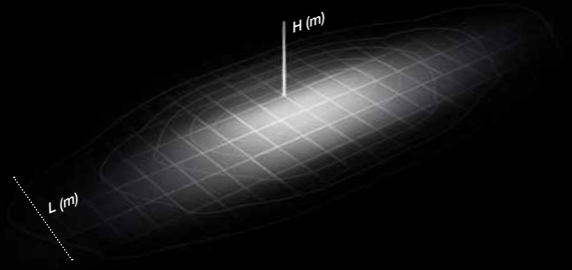


**06KS915C0**  
**B95 - Braccio doppio per pali**  
Double arm for poles

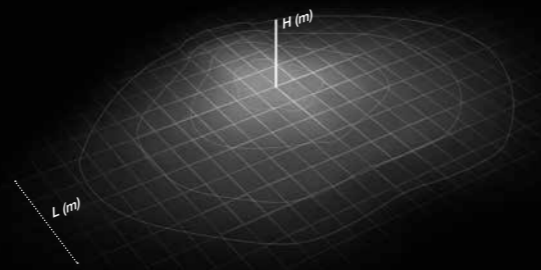


OTTICHE / OPTICS

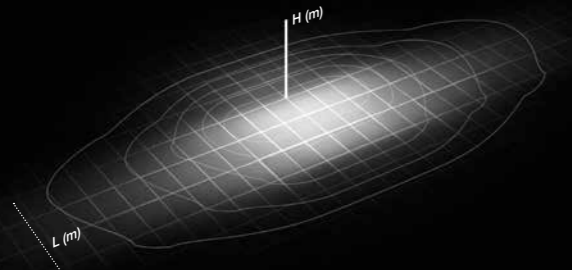
LT-C1 Cycle Path  
L / H = 0,5



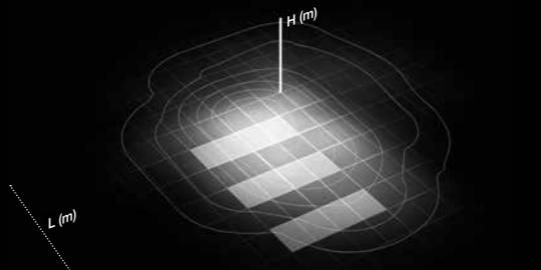
PB-01 Low Pole  
L / H = 2



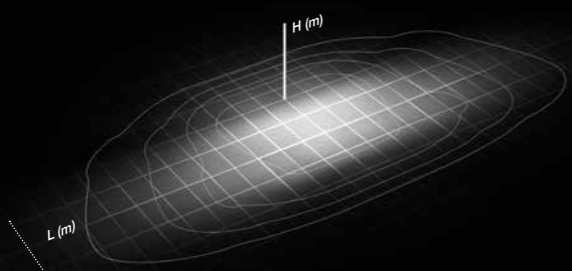
ST-02 Narrow Street  
L / H = 0,75



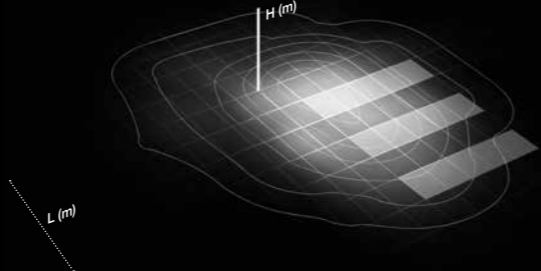
AP-D2 Pedestrian Crossing



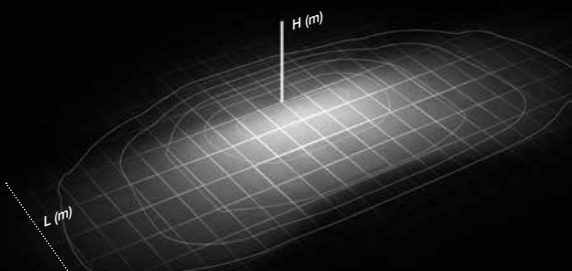
ME-05 Medium Street  
L / H = 1



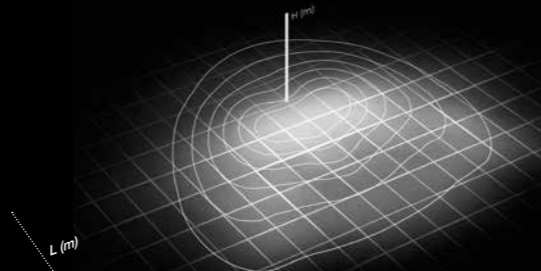
AP-S2 Pedestrian Crossing



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



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



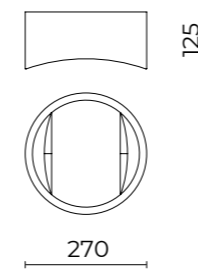
Sospensione braccio / Arm suspension

DATI TECNICI / TECHNICAL DATA

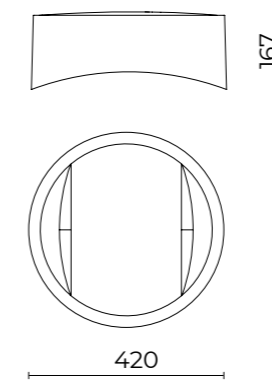
**Installazione / Installation:**  
con accessorio 06KS903C0 su bracci  
per pali Ø 102 mm  
with accessory 06KS903C0 on arms  
for poles Ø 102 mm



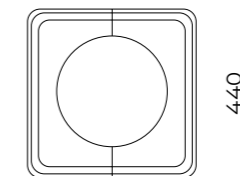
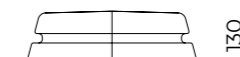
SMALL



MEDIUM



**AK9004CC**  
Copertura base palo Ø102 Sablé 100 /  
Cover pole Ø102 Sablé 100

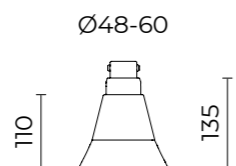


## Kosmos

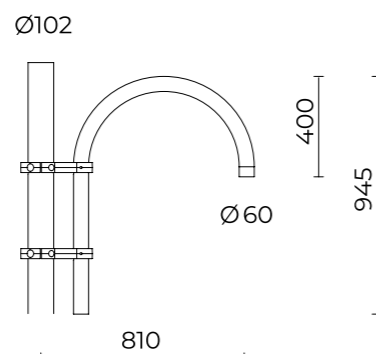
Sospensione braccio / Arm suspension

### COMPLEMENTI / ACCESSORIES

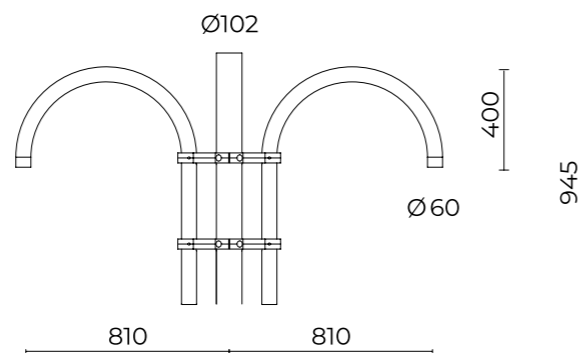
**06KS903C0**  
**B79 - Kit fissaggio su bracci pastorali**  
Fastening kit on curved arms



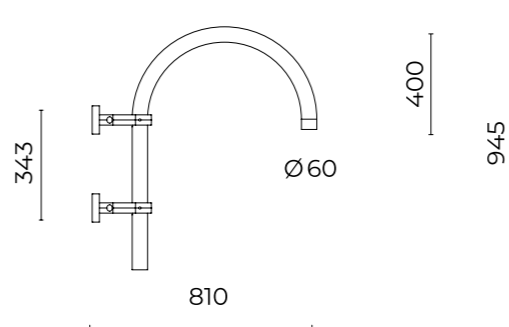
**01AK935C0**  
**B15 - Braccio pastorale per pali**  
Curved arm for poles



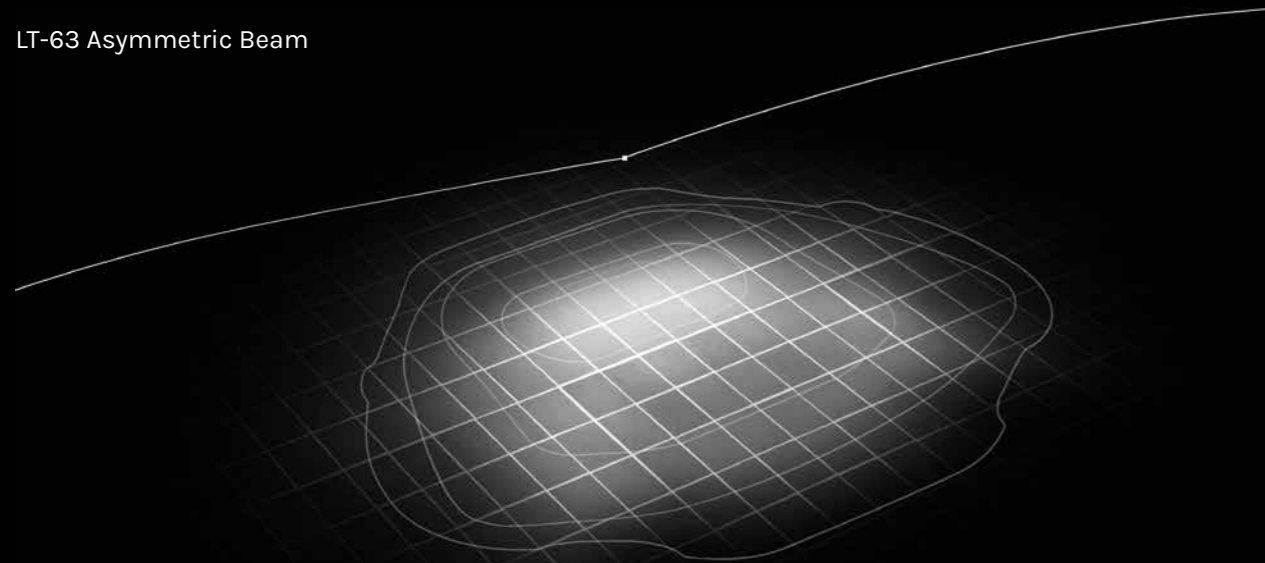
**01AK936C0**  
**B16 - Braccio pastorale doppio per pali**  
Double curved arm for poles



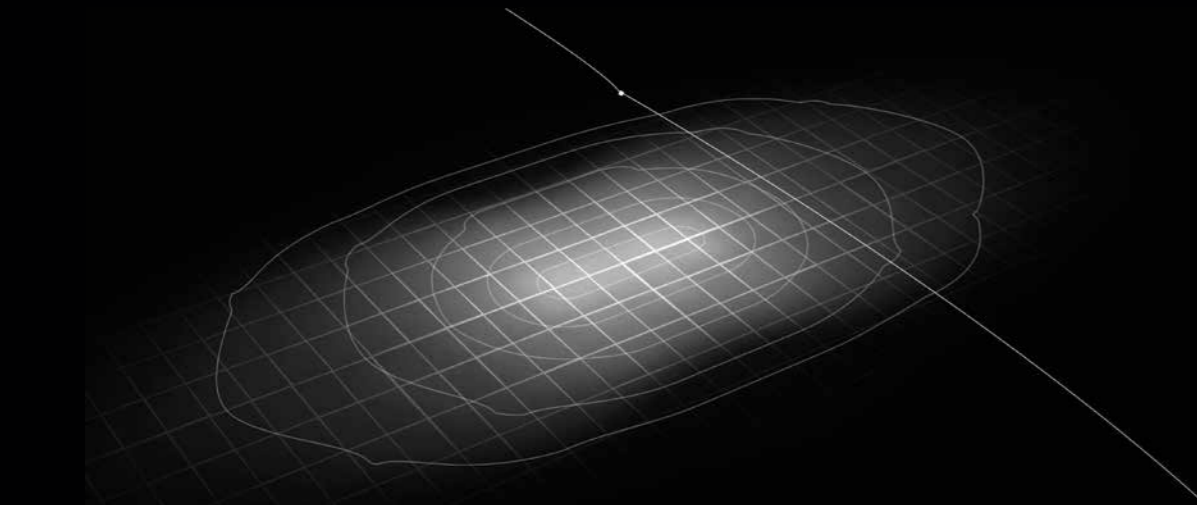
**01AK950C0**  
**B1-P - Braccio pastorale parete**  
Curved arm for wall



LT-63 Asymmetric Beam



SO-02 Street Centered



**Kosmos**  
Sospensione tesata  
String suspension

**DATI TECNICI / TECHNICAL DATA**

**Installazione / Installation:**  
sospensione tesata / string suspension

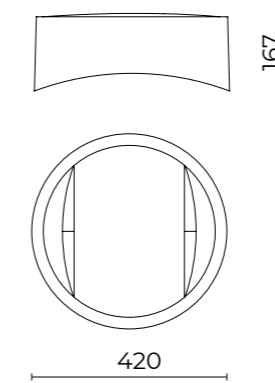
**Inclinazione / Inclination:**  
orizzontale  $\pm 15^\circ$  / horizontal  $\pm 15^\circ$

**Orientabilità / Adjustability:**  
 $0^\circ + 360^\circ$

SMALL

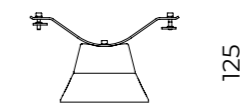


MEDIUM

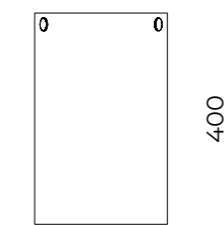


**COMPLEMENTI / ACCESSORIES**

**06KS902C0**  
B80 - Kit sospensione su  
fune tesata  $\varnothing 6 \div 12$  mm  
Suspension kit for string  $\varnothing 6 \div 12$  mm

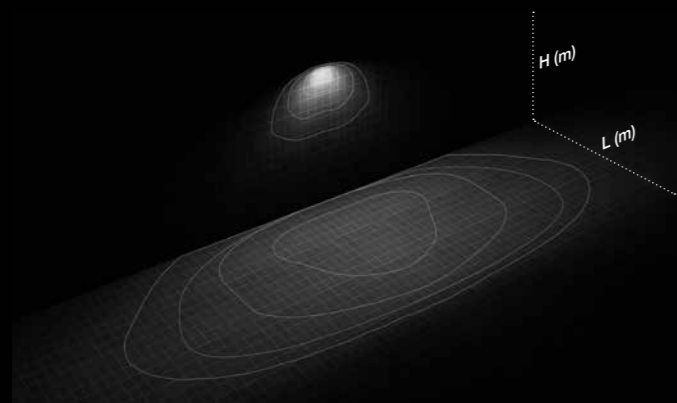


**06ND901Y0**  
Diffusore policarbonato trasparente  
Kosmos small  
Transparent polycarbonate diffuser  
Kosmos small

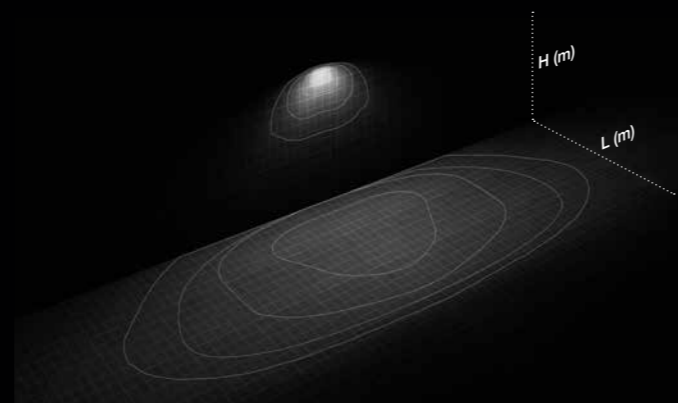


OTTICHE / OPTICS

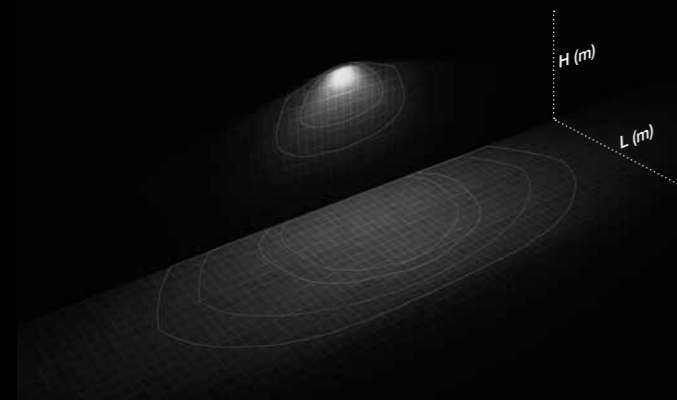
LA-03 Wide Street  
L / H = 1,25



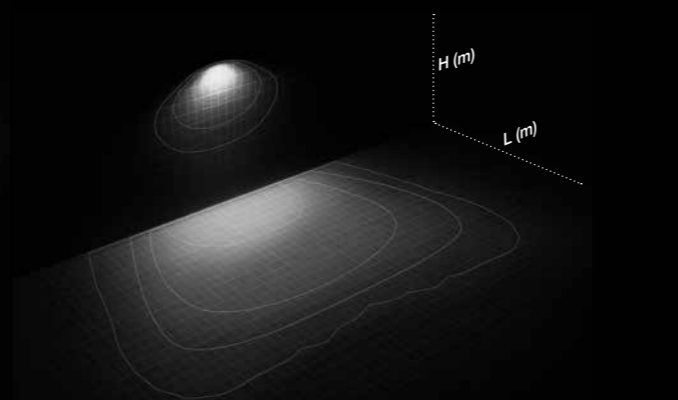
PB-01 Low Pole  
L / H = 2



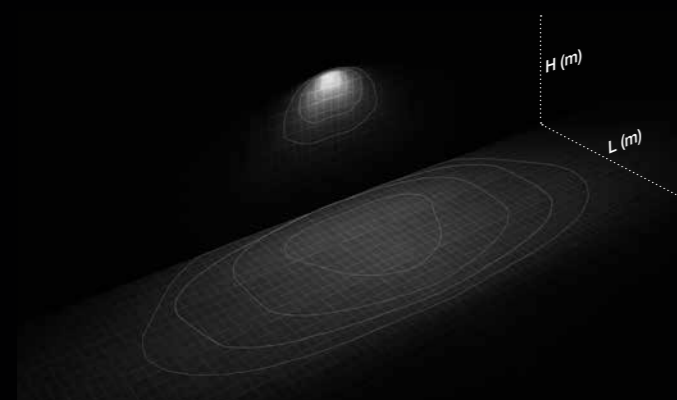
ST-02 Narrow Street  
L / H = 0,75



LT-63 Asymmetric Beam  
L / H = 2



ME-05 Medium Street  
L / H = 1



Kosmos  
Parete / Wall

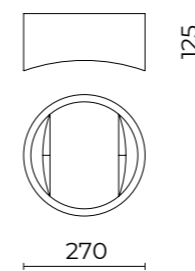
DATI TECNICI / TECHNICAL DATA

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

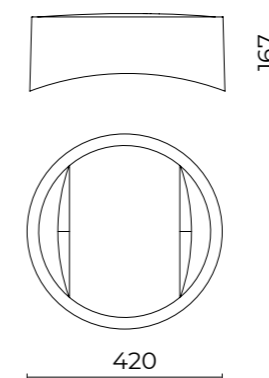
**Inclinazione / Inclination:**  
regolazione -10° ÷ +190° (in step da 5°)  
adjustment -10° ÷ +190° (step 5°)



SMALL

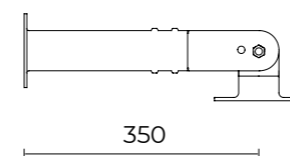


MEDIUM

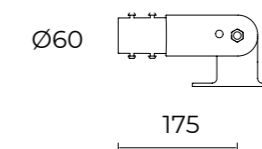


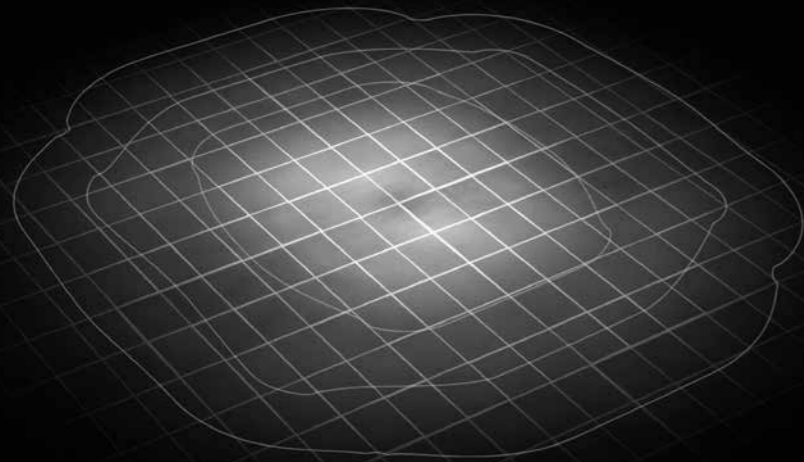
COMPLEMENTI / ACCESSORIES

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



**06KS904C0**  
**B84 - Snodo per bracci**  
Joint for arms





**Kosmos**  
Soffitto / Ceiling

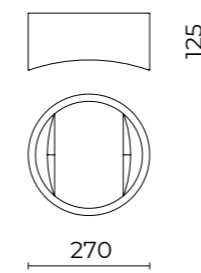
**DATI TECNICI / TECHNICAL DATA**

**Installazione / Installation:**  
soffitto, sottoportico  
ceiling, arcade

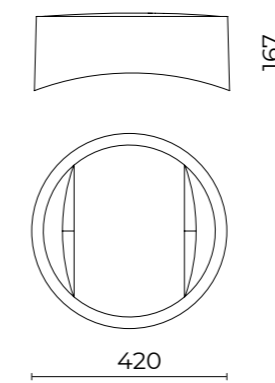
**Inclinazione / Inclination:**  
regolazione -10° ÷ +190° (in step da 5°)  
adjustment -10° ÷ +190° (step 5°)



**SMALL**

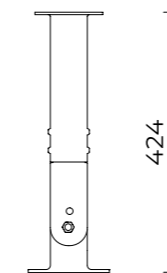


**MEDIUM**

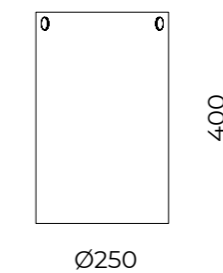


**COMPLEMENTI / ACCESSORIES**

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

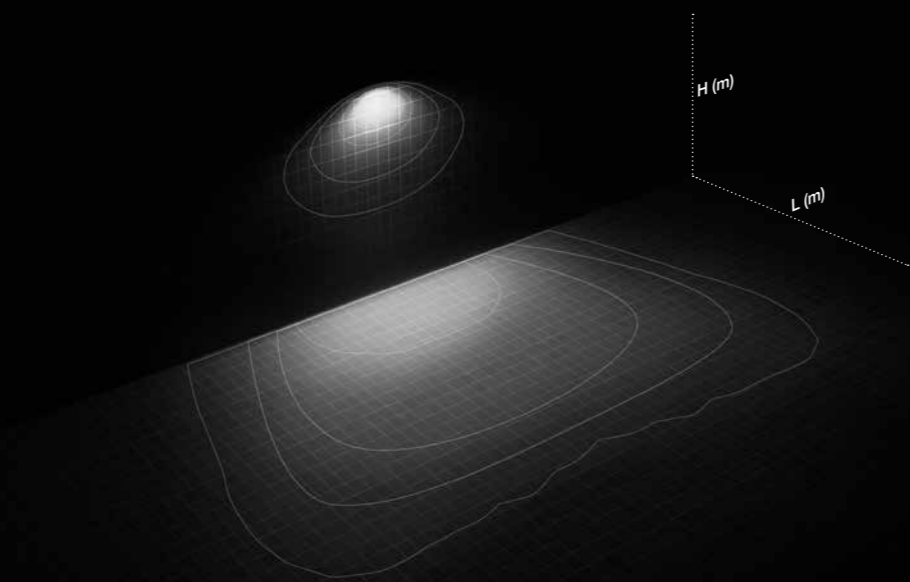


**06ND901Y0**  
**Diffusore policarbonato trasparente Kosmos small**  
Transparent polycarbonate diffuser Kosmos small

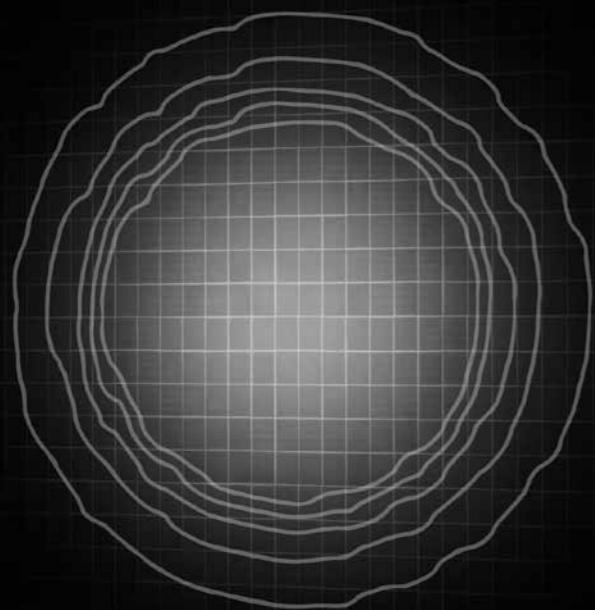


OTTICHE / OPTICS

LT-63 Asymmetric Beam  
L / H = 2



LR-20 Medium Beam



**Kosmos**  
Flood

**DATI TECNICI / TECHNICAL DATA**

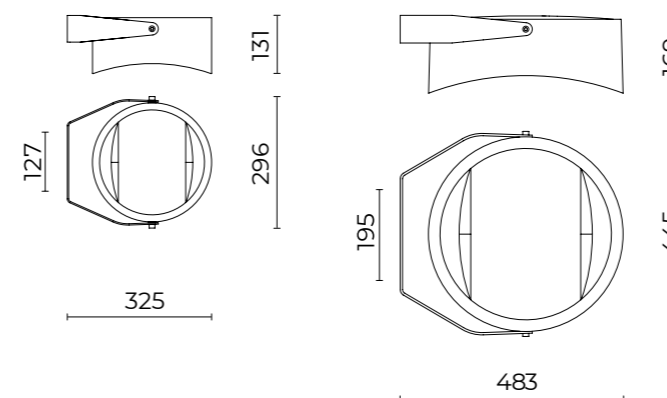
**Peso massimo / Max weight:**  
4,2 kg (small), 9,2 kg (medium)

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

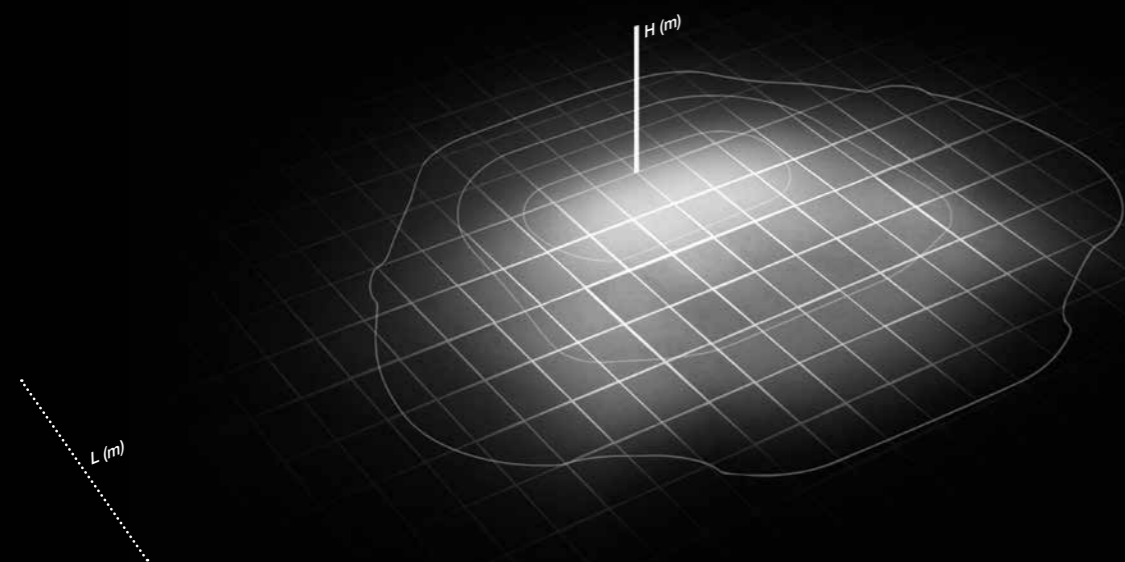
**Inclinazione / Inclination:**  
regolazione continua -25° + +205°  
continuous adjustment -25° + +205°

SMALL

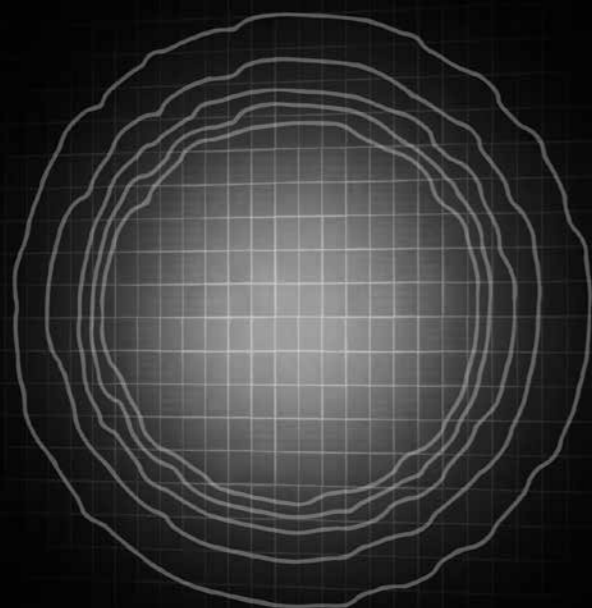
MEDIUM



LT-63 Asymmetric Beam  
L / H = 2



LR-20 Medium Beam



## 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

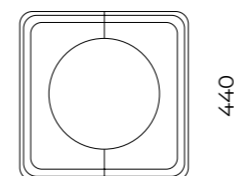
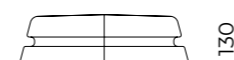
**Inclinazione / Inclination:**  
regolazione continua -25° ÷ +205°  
continuous adjustment -25° ÷ +205°

### COMPLEMENTI / ACCESSORIES

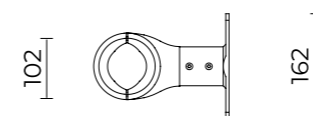
**AK9001CC**  
Copertura base palo Ø60 Sablé 100 /  
Cover pole Ø60 Sablé 100

**AK9002CC**  
Copertura base palo Ø76 Sablé 100 /  
Cover pole Ø76 Sablé 100

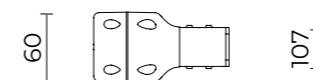
**AK9004CC**  
Copertura base palo Ø102 Sablé 100 /  
Cover pole Ø102 Sablé 100



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

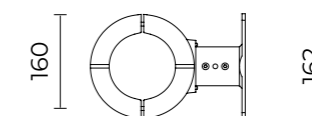


Ø60-76

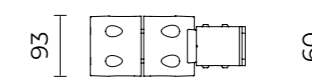


157

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



Ø102



158



# AGATHOS

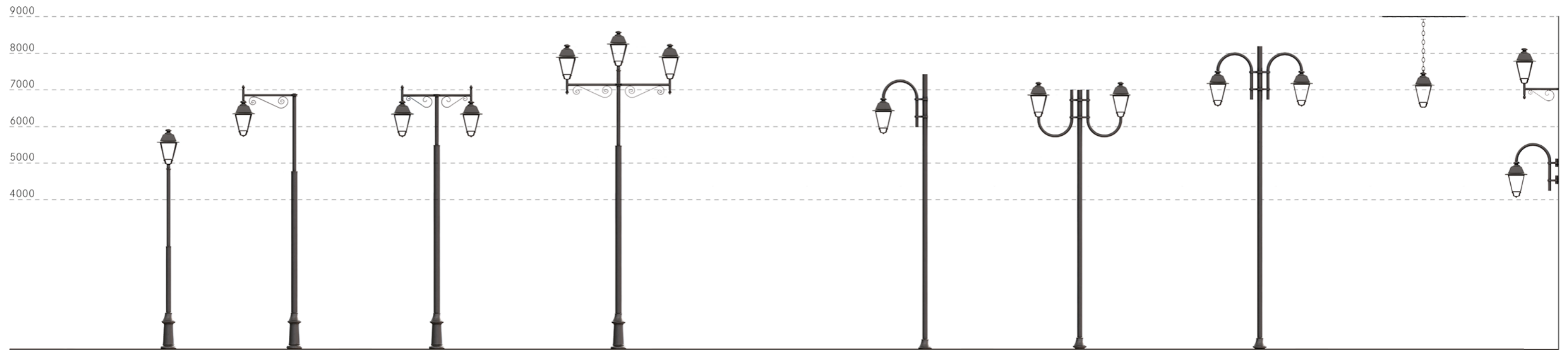


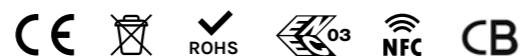
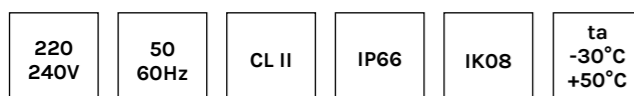
AGATHOS è una lanterna dalle forme tradizionali ma progettata specificatamente per alloggiare la più innovativa tecnologia LED.

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

ORTA LAKE  
Italy







#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio** / Fitting flux:  
1035 (2200 K) - 10080 lm

**Potenza apparecchio** / Fitting power:  
9,5 - 72 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

#### STATIC WHITE LIGHT

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

#### DYNAMIC WHITE LIGHT

- ◐ 1800 K / 3000 K

#### COLORI / COLOURS

- SABLÉ 100 NOIR

#### CARATTERISTICHE / FEATURES

**Peso massimo** / Max weight:  
8 kg

**Alimentazione elettronica** / Electronic power supply:  
inclusa / included

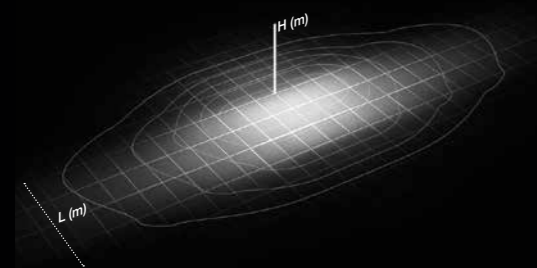
**Resistenza sovratensioni** / Surge Protection Device:  
10 kV MC / 12 kV MD

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

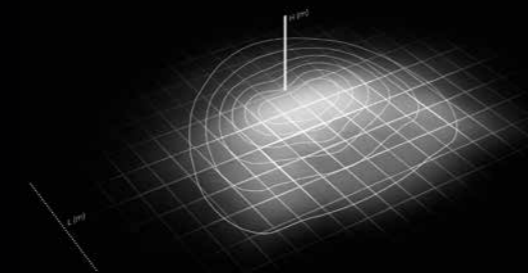


OTTICHE / OPTICS

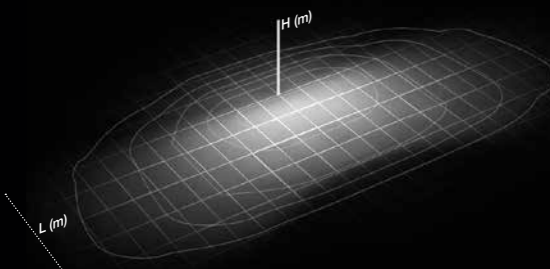
ST-02 Narrow Street  
L / H = 0,75



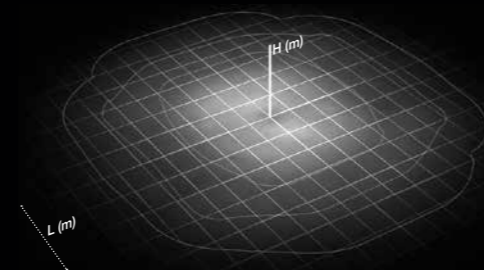
LT-64 Asymmetric Beam with backlight  
L / H = 2



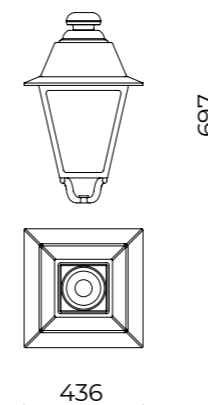
LA-03 Wide Street  
L / H = 1,25



RS-02 Rotosymmetric Beam  
L / H = 2



Agathos  
Testa palo / Post top



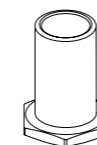
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:

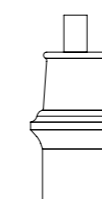
pali con attacco 3/4" GAS maschio, pali cima Ø 60 mm  
innesto H 90 mm con accessorio 01AG901CO / poles with  
male 3/4" GAS connection, poles with post top Ø 60 mm and  
fastening part H 90 mm with accessory 01AG901CO

COMPLEMENTI / ACCESSORIES

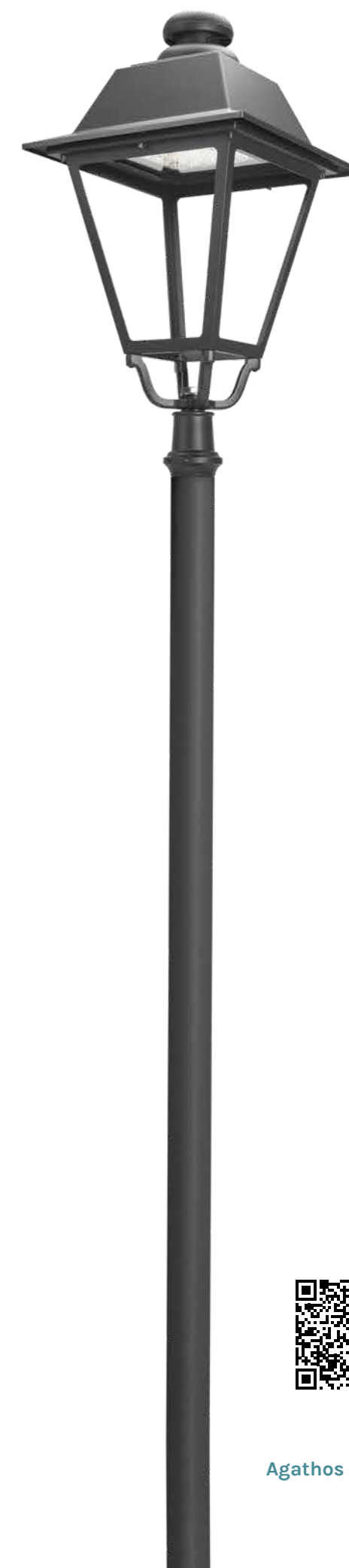
**01AG900CO**  
Kit fissaggio per pali con  
attacco 3/4" GAS femmina  
Fastening kit on poles with  
female 3/4" GAS



**01AG901CO**  
Kit testa palo codolo H 90 mm  
Fastening kit post top H 90 mm

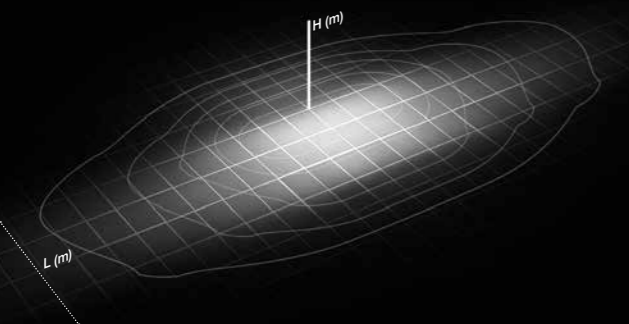


Ø60

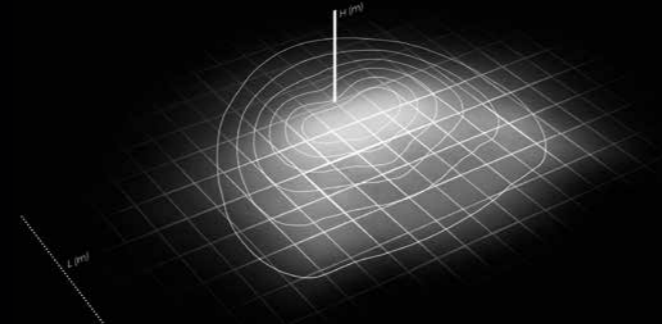


OTTICHE / OPTICS

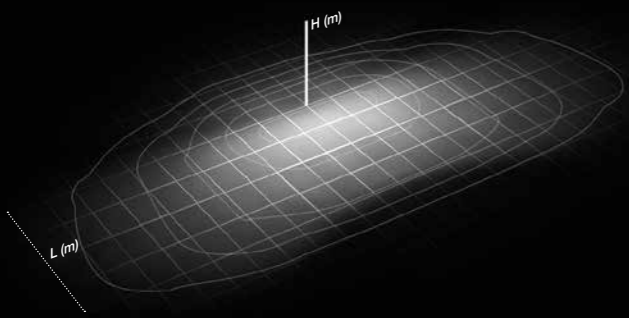
ST-02 Narrow Street  
L / H = 0,75



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

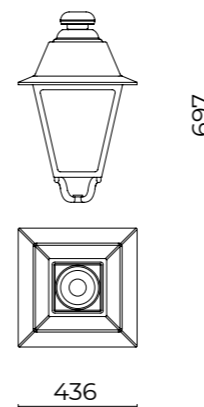


LA-03 Wide Street  
L / H = 1,25



Agathos

Lato palo / Pole side

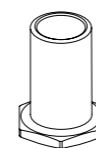


DATI TECNICI / TECHNICAL DATA

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

COMPLEMENTI / ACCESSORIES

**01AG900CO**  
Kit fissaggio per bracci UP con attacco 3/4" GAS femmina  
Fastening kit on UP arms with female 3/4" GAS

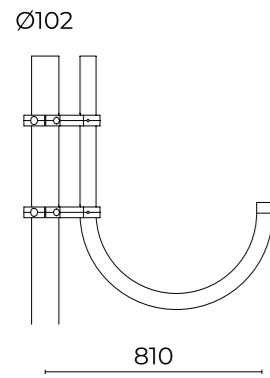


# Agathos

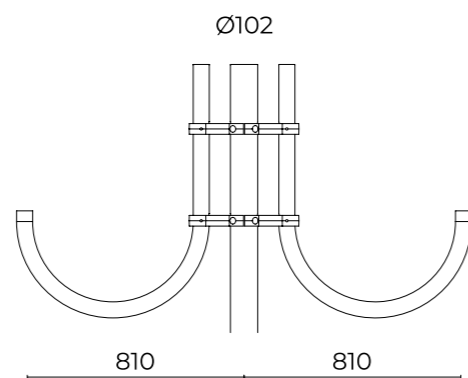
Lato palo / Pole side

## BRACCI / ARMS

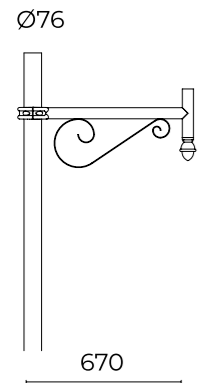
**01AG910CO**  
**B60 - Braccio pastorale UP**  
Curved arm UP



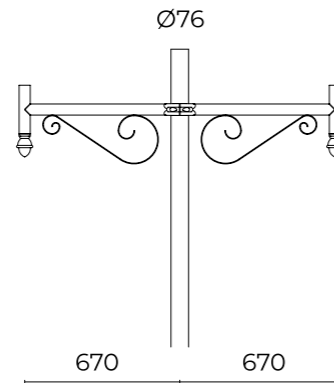
**01AG911CO**  
**B61 - Braccio pastorale doppio UP**  
Double curved arm UP



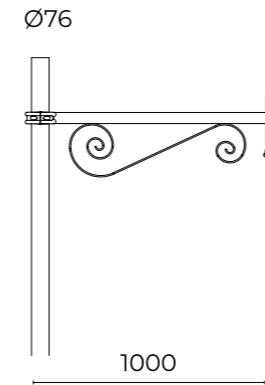
**01AG914CO**  
**B64 - Braccio UP**  
Arm UP



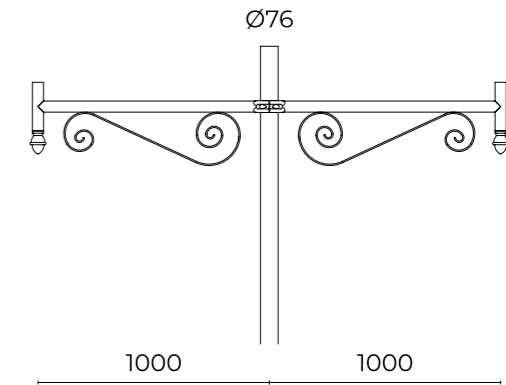
**01AG918CO**  
**B68 - Braccio doppio UP**  
Double arm UP



**01AG915CO**  
**B65 - Braccio UP**  
Arm UP



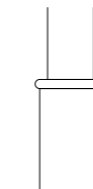
**01AG919CO**  
**B69 - Braccio doppio UP**  
Double arm UP



## COMPLEMENTI / ACCESSORIES

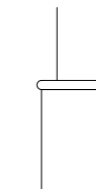
**01AK970CO**  
**Collarino per palo**  
Collar for pole

Ø102-76



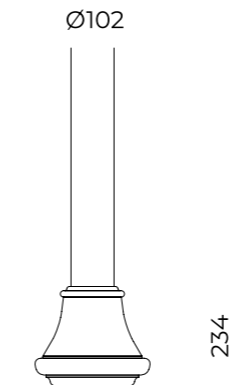
**01AK971CO**  
**Collarino per palo**  
Collar for pole

Ø127-76



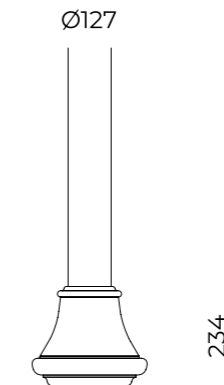
**01AK993CO**  
**Basamento basso**  
Low base

Ø102



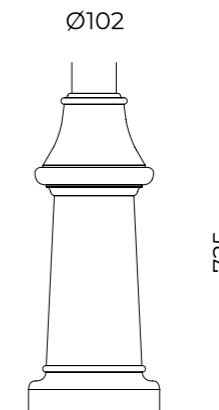
**01AK972CO**  
**Basamento basso**  
Low base

Ø127



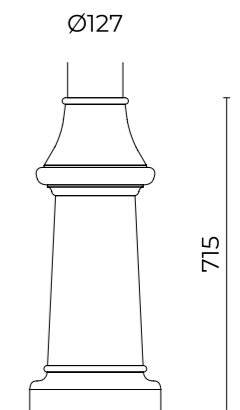
**01AK973CO**  
**Basamento alto**  
High base

Ø102



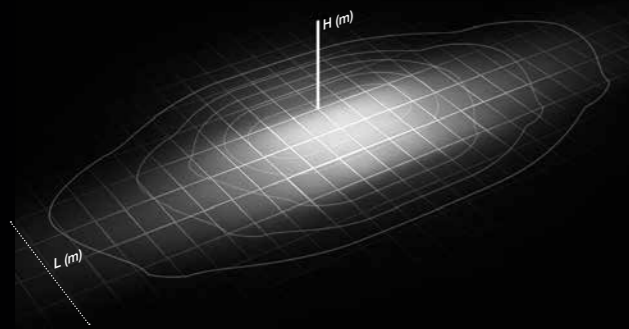
**01AK974CO**  
**Basamento alto**  
High base

Ø127

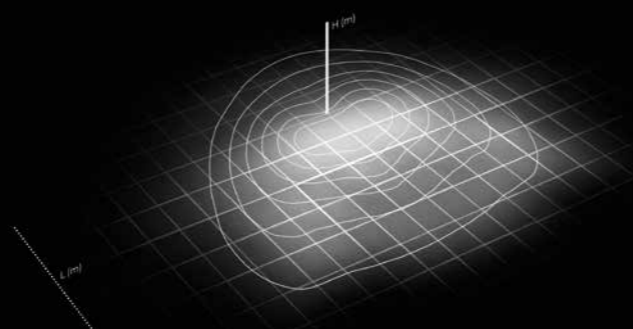


OTTICHE / OPTICS

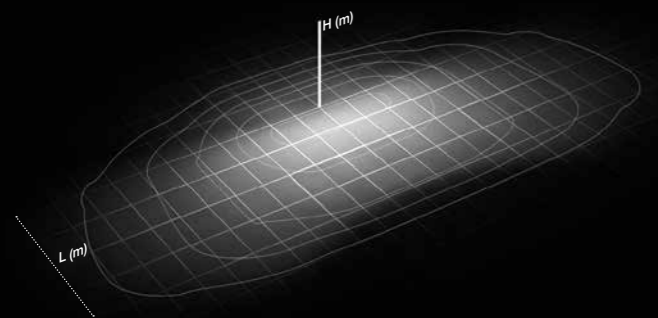
ST-02 Narrow Street  
L / H = 0,75



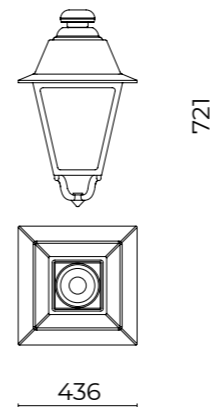
LT-64 Asymmetric Beam with backlight  
L / H = 2



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



**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

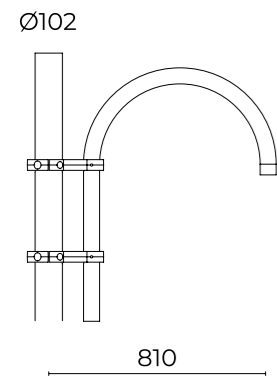


# Agathos

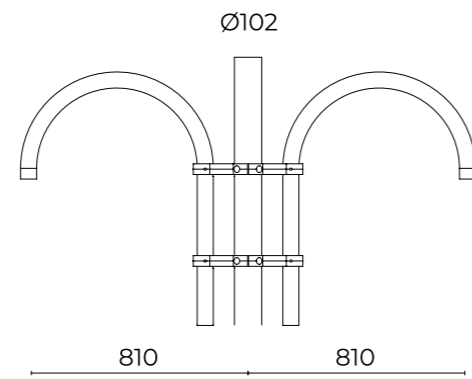
Sospensione braccio / Arm suspension

## BRACCI / ARMS

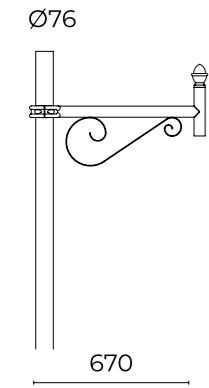
**01AG910CO**  
**B62 - Braccio pastorale DOWN**  
Curved arm DOWN



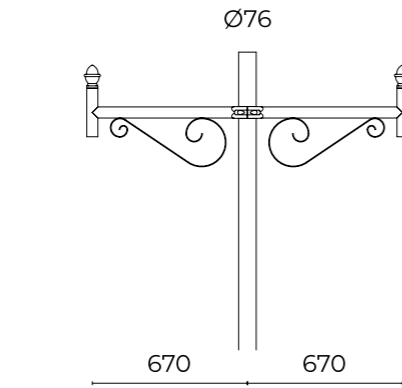
**01AG911CO**  
**B63 - Braccio pastorale doppio DOWN**  
Double curved arm DOWN



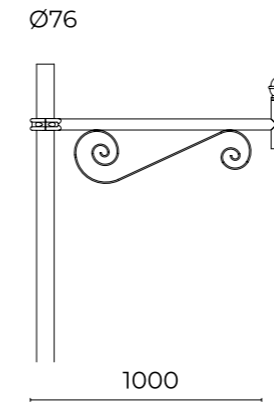
**01AG914CO**  
**B66 - Braccio DOWN**  
Arm DOWN



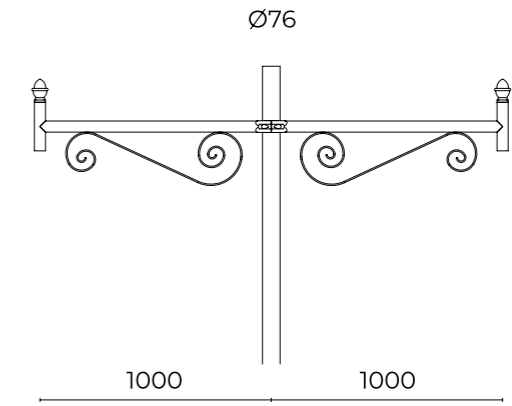
**01AG918CO**  
**B70 - Braccio doppio DOWN**  
Double arm DOWN



**01AG915CO**  
**B67 - Braccio DOWN**  
Arm DOWN



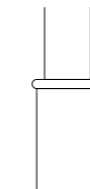
**01AG919CO**  
**B71 - Braccio doppio DOWN**  
Double arm DOWN



## COMPLEMENTI / ACCESSORIES

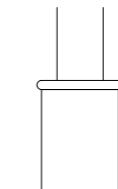
**01AK970CO**  
**Collarino per palo**  
Collar for pole

Ø102-76



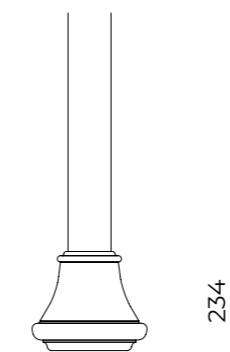
**01AK971CO**  
**Collarino per palo**  
Collar for pole

Ø127-76



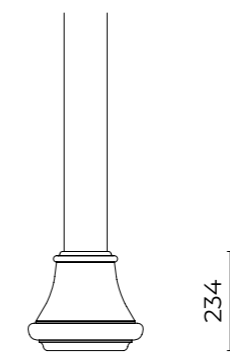
**01AK993CO**  
**Basamento basso**  
Low base

Ø102



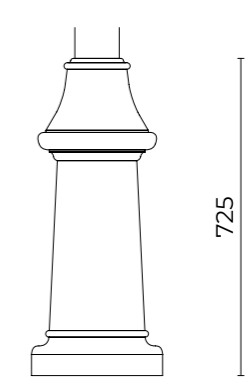
**01AK972CO**  
**Basamento basso**  
Low base

Ø127



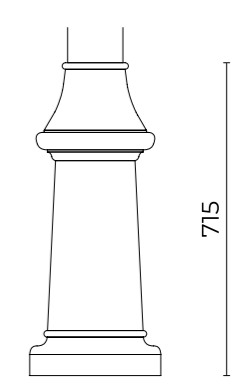
**01AK973CO**  
**Basamento alto**  
High base

Ø102



**01AK974CO**  
**Basamento alto**  
High base

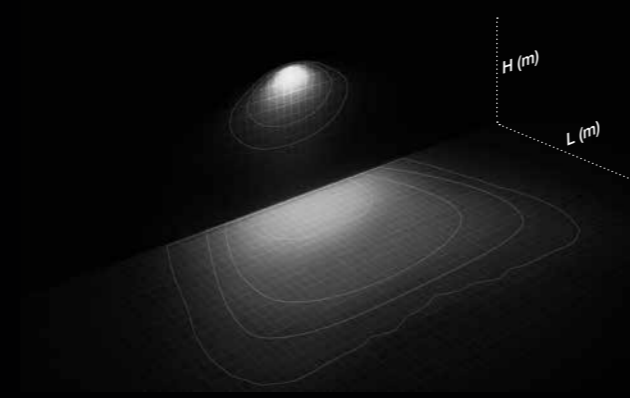
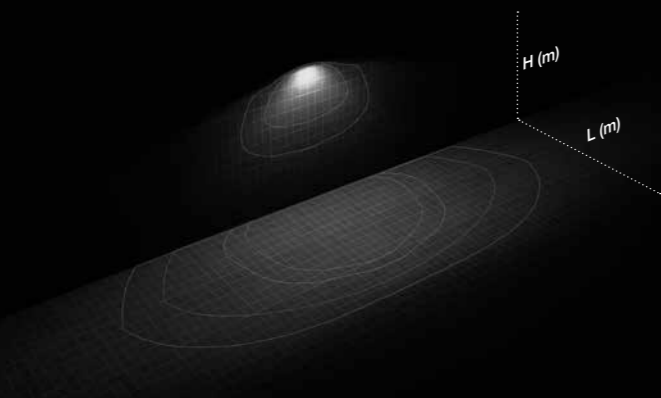
Ø127



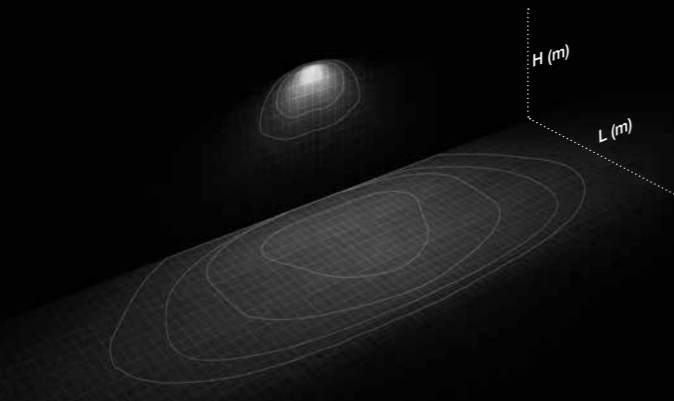
OTTICHE / OPTICS

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

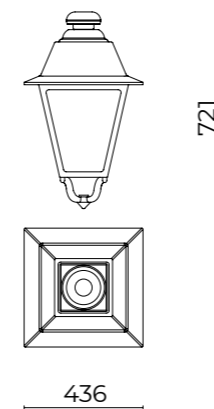
LT-63 Asymmetric Beam  
L / H = 2



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



**Agathos**  
Parete / Wall

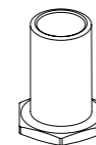


**DATI TECNICI / TECHNICAL DATA**

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

**COMPLEMENTI / ACCESSORIES**

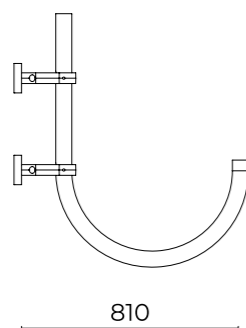
**01AG900CO**  
Kit fissaggio per bracci UP con attacco 3/4" GAS femmina  
Fastening kit on UP arms with female 3/4" GAS



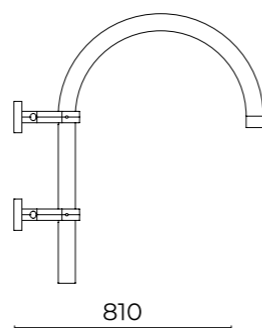
**Agathos**  
Parete / Wall

BRACCI / ARMS

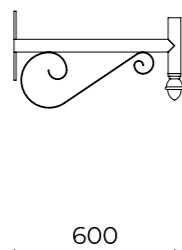
**01AG922C0**  
**B60-P - Braccio**  
**pastorale UP**  
Bracket UP



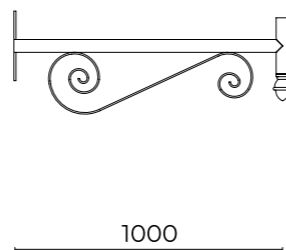
**01AG923C0**  
**B62-P - Braccio**  
**pastorale DOWN**  
Bracket DOWN



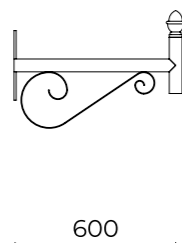
**01AG924C0**  
**B64-P - Braccio UP**  
Bracket UP



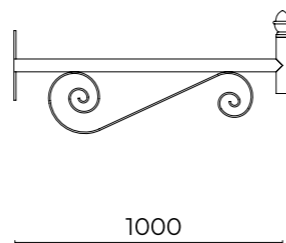
**01AG925C0**  
**B65-P - Braccio UP**  
Bracket UP

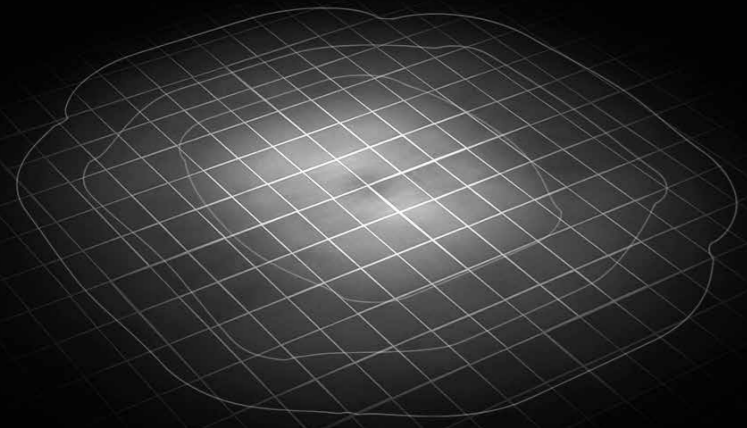


**01AG926C0**  
**B66-P - Braccio DOWN**  
Bracket DOWN

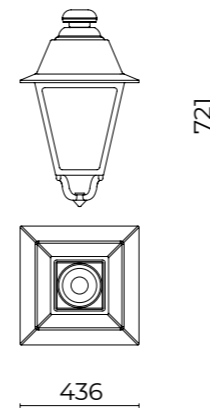


**01AG927C0**  
**B67-P - Braccio DOWN**  
Bracket DOWN



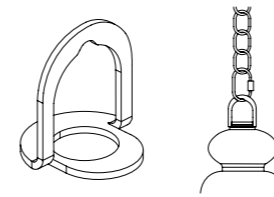


**Agathos**  
Sottoportico / Arcade



**COMPLEMENTI / ACCESSORIES**

**01AG903CO**  
**Gancio per sospensione su catena (non compresa)**  
Suspension hook on chain (not included)



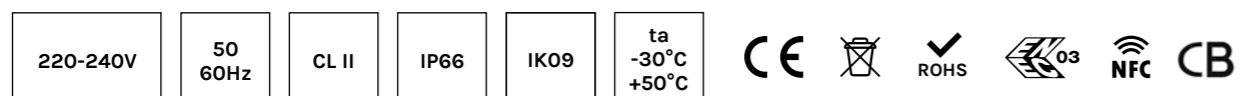
# DASOS



DASOS, l'illuminazione responsabile del paesaggio urbano notturno che offre benessere alle persone e protegge la natura.

DASOS, nocturnal urban landscape lighting that offers people well-being while protecting nature.





#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio** / Fitting flux:  
1075 (1800 K) - 29665 lm

**Potenza apparecchio** / Fitting power:  
9,5 - 191 W

**Indice di resa cromatica** / Colour Rendering Index:  
CRI ≥ 70/80, SDCM ≤ 3

**Illuminazione intelligente** / Smart lighting:  
mezzanotte virtuale, DALI. Su richiesta ZHAGA UP & DOWN,  
NEMA UP, CLO / virtual midnight, DALI. On request ZHAGA  
UP & DOWN, NEMA UP, CLO

#### 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:  
lenti in 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



#### STATIC WHITE LIGHT

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

#### BLUE FREE LIGHT

-  1800 K
-  PC-AMBER (su richiesta / on request)

#### DYNAMIC WHITE LIGHT

-  1800 K / 4000 K
-  1800 K / 3000 K (BLOS OPTICS)



#### CARATTERISTICHE / FEATURES

**Peso massimo** / Max weight:  
6,7 kg (small); 8,5 kg (medium)

**Alimentazione elettronica** / Electronic power supply:  
inclusa / included

**Apertura vano cablaggio** / Wiring compartment opening:  
mediante clip / by clip

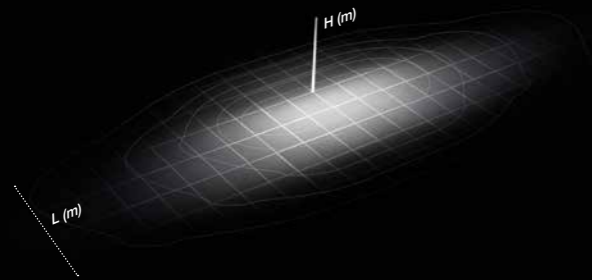
**Resistenza sovratensioni** / Surge Protection Device:  
10kV MC / 12 kV MD

**Installazione** / Installation:  
palo, parete / pole, wall

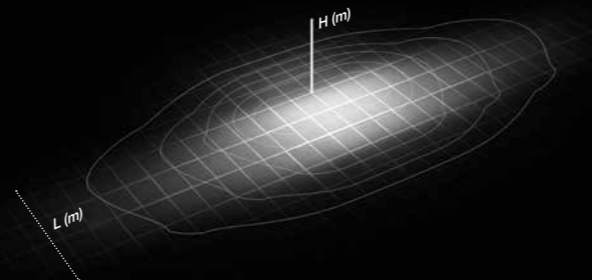
**Valvola GORE** / GORE valve:  
su richiesta, per regolare la pressione interna in ambienti  
ostili / on request, to regulate internal pressure in hostile  
environments

OTTICHE / OPTICS

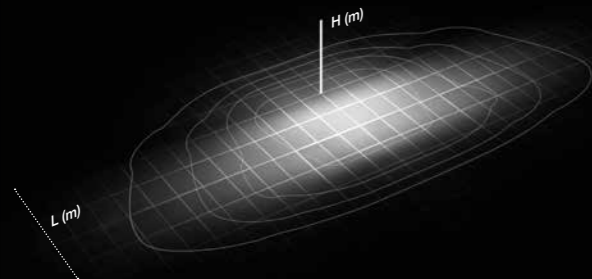
LT-C1 Cycle Path  
L / H = 0,5



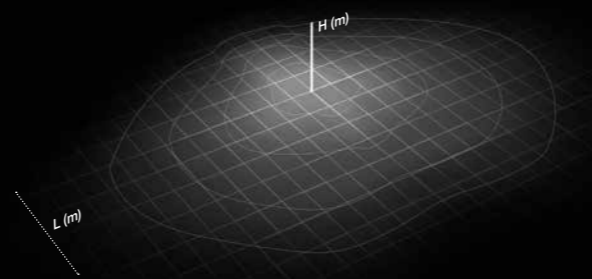
ST-02 Narrow Street  
L / H = 0,75



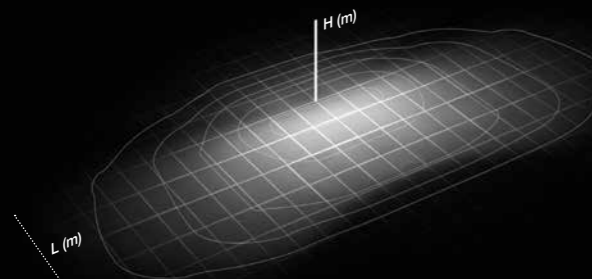
ME-05 Medium Street  
L / H = 1



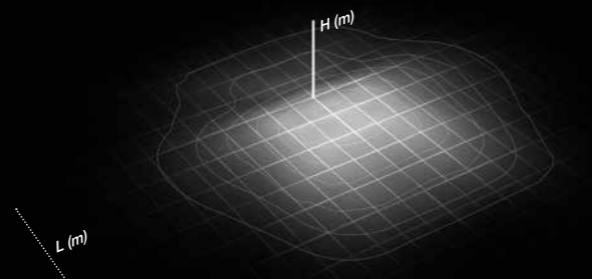
PB-01 Low Pole  
L / H = 2



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

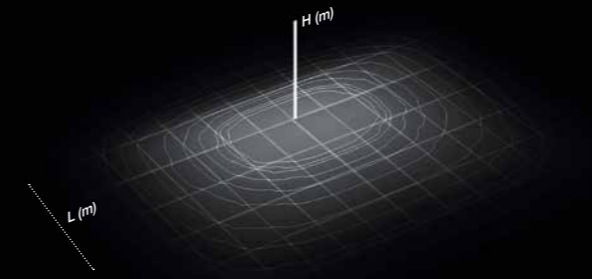


LT-63 Asymmetric Beam  
L / H = 2

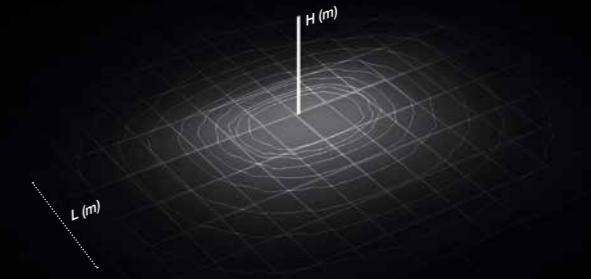


OTTICHE BLOS / BLOS OPTICS

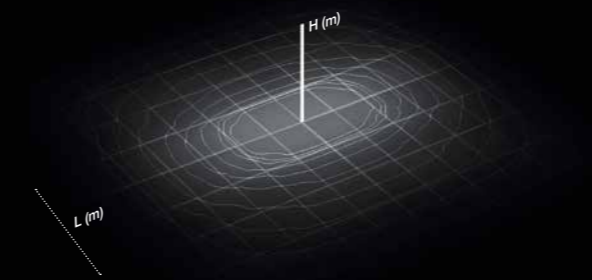
Asymmetric Black BLOS



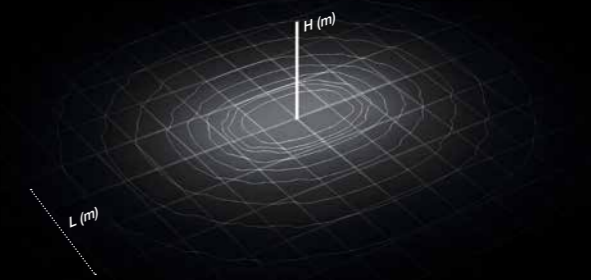
Asymmetric White BLOS



Elliptical Black BLOS



Elliptical White BLOS



## Dasos System

### DATI TECNICI / TECHNICAL DATA

**Installazione / Installation:**






Il sistema Dasos è composto da due lampade di dimensioni differenti, Dasos Small e Dasos Medium, e da sostegni verticali inclinati di varie altezze, singoli o doppi.

I pali, con piastra di base, sono forniti completi di carter di copertura /

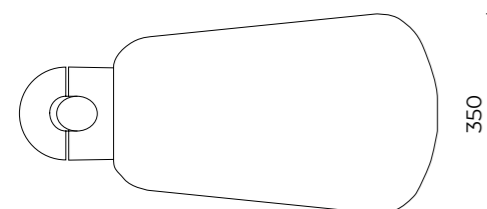
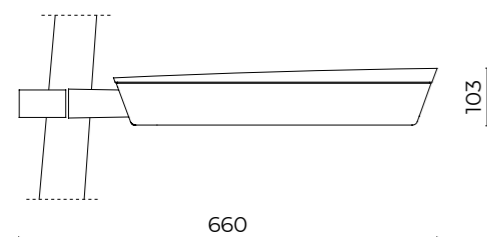
The Dasos system consists of two different-sized luminaires, Dasos Small and Dasos Medium, and single or double, vertical, inclined poles of various heights.

The poles include a base plate and are supplied with a cover.

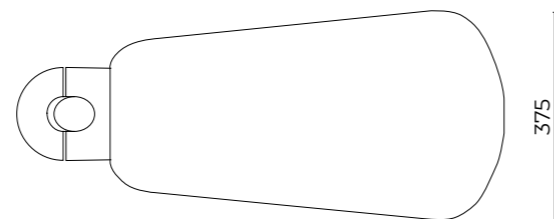
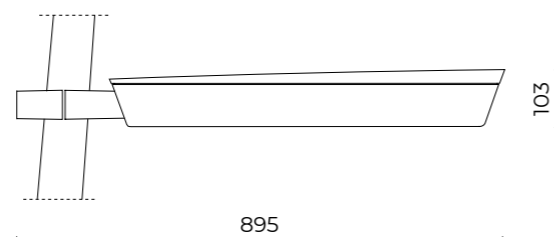
### COLORI / COLOURS

-  SABLÉ 100 NOIR
-  RAL6021
-  RAL9003
-  CORTEN
-  RAL5024

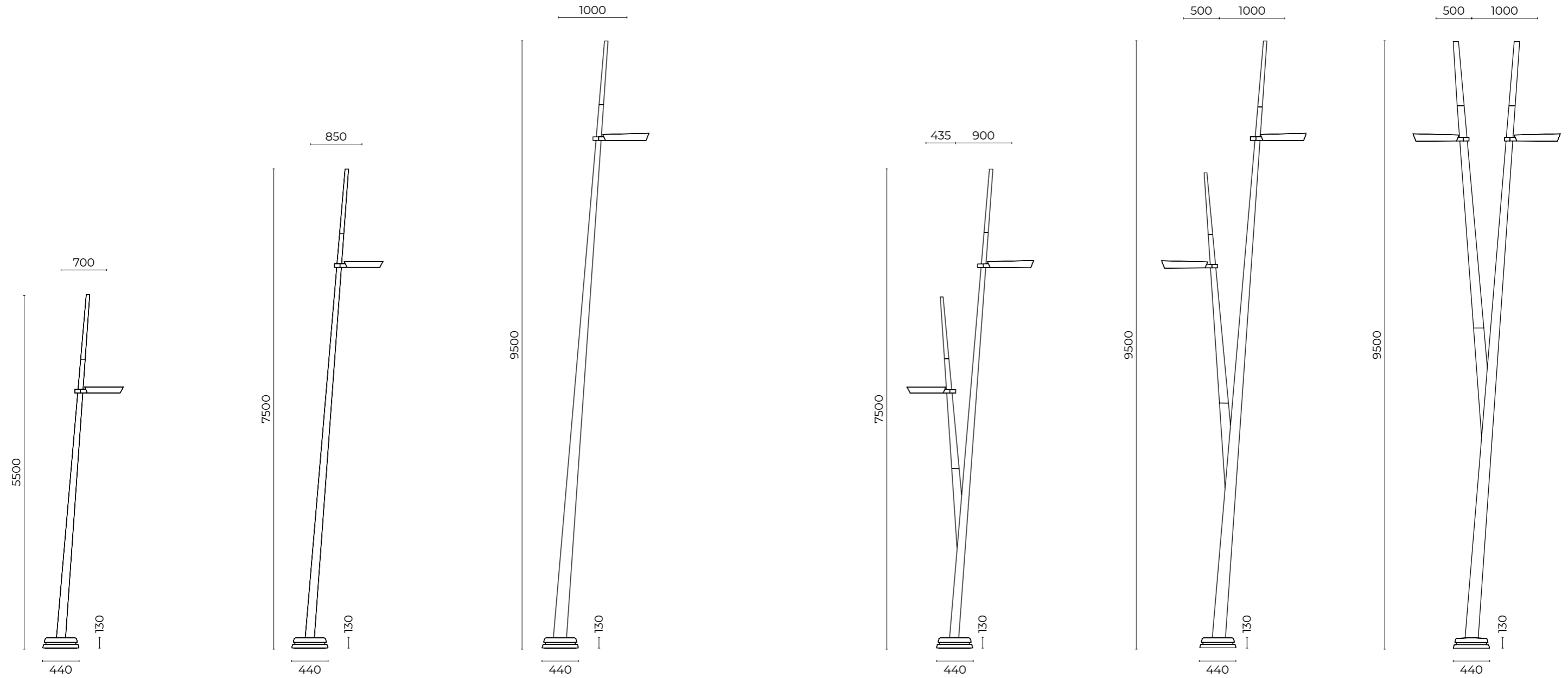
SMALL



MEDIUM



CONFIGURAZIONI / CONFIGURATIONS:



**Dasos System 1**  
 Palo con puntale h. tot. 5500 mm,  
 1 Dasos Small  
 Pole with rod h. tot. 5500 mm,  
 1 Dasos Small

**Dasos System 2**  
 Palo con puntale h. tot. 7500 mm,  
 1 Dasos Small  
 Pole with rod h. tot. 7500 mm,  
 1 Dasos Small

**Dasos System 3**  
 Palo con puntale h. tot. 9500 mm,  
 1 Dasos Medium  
 Pole with rod h. tot. 9500 mm,  
 1 Dasos Medium

**Dasos System 4**  
 Palo con puntale h. tot. 7500 mm,  
 1 Dasos Small, 1 Dasos Medium  
 Pole with rod h. tot. 7500 mm,  
 1 Dasos Small, 1 Dasos Medium

**Dasos System 5**  
 Palo con puntale h. tot. 9500 mm,  
 2 Dasos Medium  
 Pole with rod h. tot. 9500 mm,  
 2 Dasos Medium

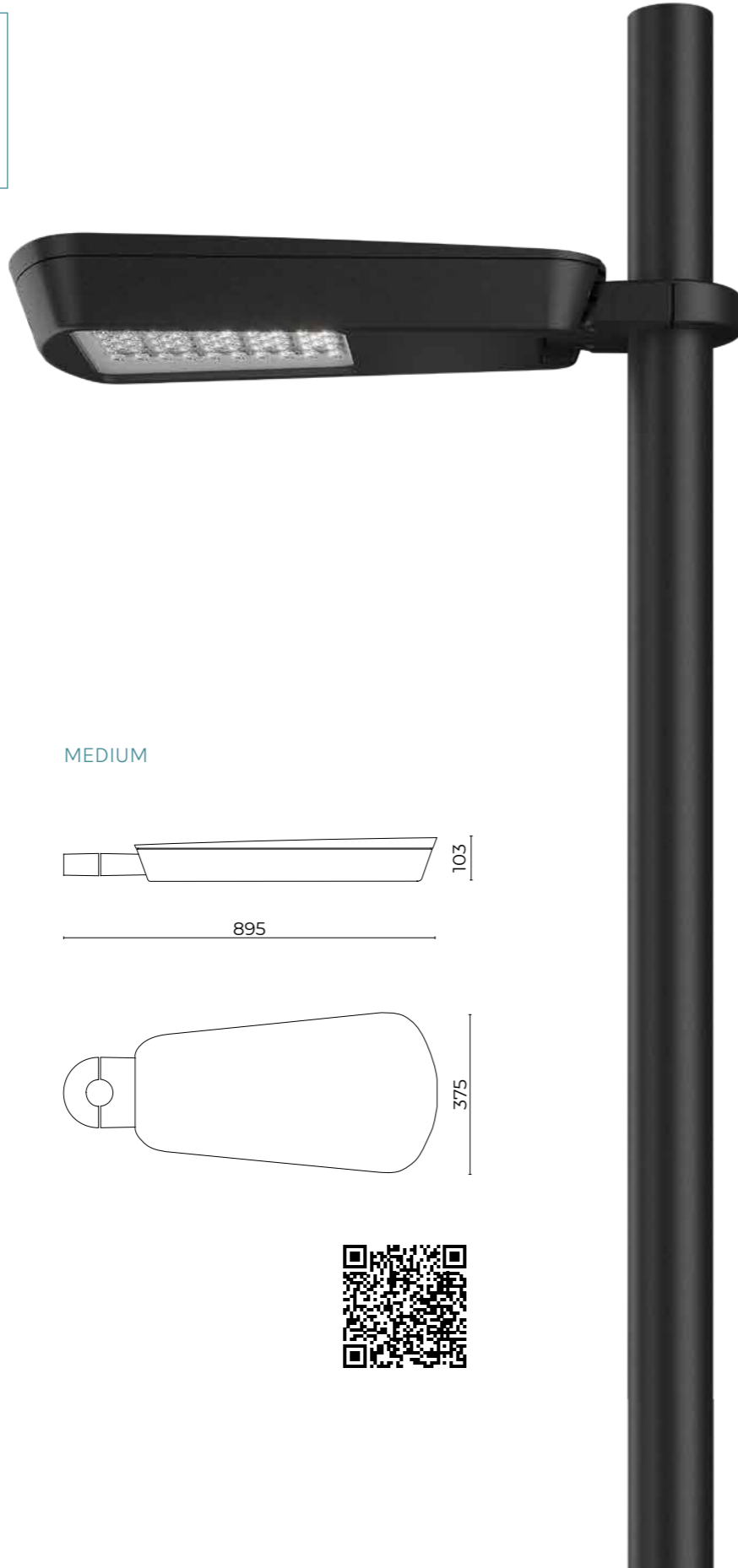
**Dasos System 6**  
 Palo con puntale h. tot. 9500 mm,  
 2 Dasos Medium  
 Pole with rod h. tot. 9500 mm,  
 2 Dasos Medium



**Dasos**  
Pole

**COLORI / COLOURS**

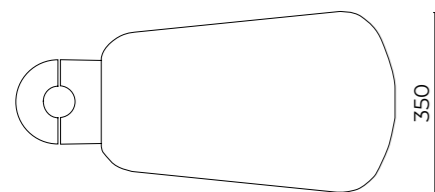
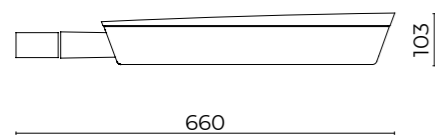
● SABLÉ 100 NOIR



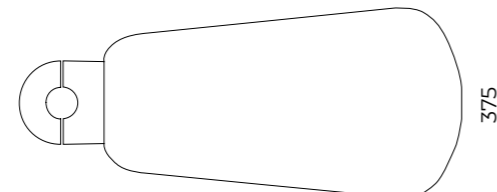
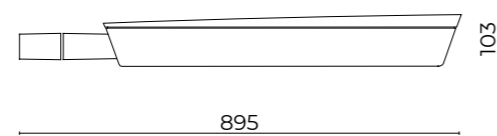
**DATI TECNICI / TECHNICAL DATA**

**Installazione / Installation:**  
palo cilindrico / pole  
Ø60, Ø76, Ø89, Ø102, Ø114, Ø120

**SMALL**



**MEDIUM**



**COMPLEMENTI / ACCESSORIES**

**DA9001CC**  
**B257 - Collare singolo per pali Ø60 Sablé 100 /**  
Single collar for pole Ø60 Sablé 100

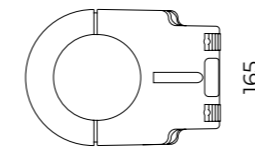
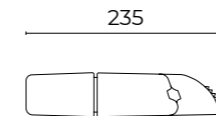
**DA9002CC**  
**B258 - Collare singolo per pali Ø76 Sablé 100 /**  
Single collar for pole Ø76 Sablé 100

**DA9003CC**  
**B259 - Collare singolo per pali Ø89 Sablé 100 /**  
Single collar for pole Ø89 Sablé 100

**DA9004CC**  
**B260 - Collare singolo per pali Ø102 Sablé 100 /**  
Single collar for pole Ø102 Sablé 100

**DA9005CC**  
**B261 - Collare singolo per pali Ø114 Sablé 100 /**  
Single collar for pole Ø114 Sablé 100

**DA9006CC**  
**B262 - Collare singolo per pali Ø120 Sablé 100 /**  
Single collar for pole Ø120 Sablé 100



**AK9001CC**  
**Copertura base palo Ø60 Sablé 100 /** Cover pole Ø60 Sablé 100

**AK9002CC**  
**Copertura base palo Ø76 Sablé 100 /** Cover pole Ø76 Sablé 100

**AK9003CC**  
**Copertura base palo Ø89 Sablé 100 /** Cover pole Ø89 Sablé 100

**AK9004CC**  
**Copertura base palo Ø102 Sablé 100 /** Cover pole Ø102 Sablé 100

**DA9007CC**  
**B263 - Collare doppio per pali Ø60 Sablé 100 /**  
Double collar for pole Ø60 Sablé 100

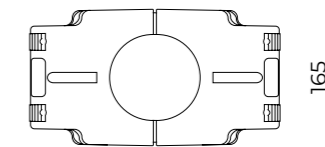
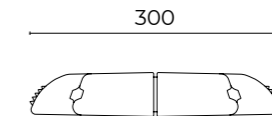
**DA9008CC**  
**B264 - Collare doppio per pali Ø76 Sablé 100 /**  
Double collar for pole Ø76 Sablé 100

**DA9009CC**  
**B265 - Collare doppio per pali Ø89 Sablé 100 /**  
Double collar for pole Ø89 Sablé 100

**DA9010CC**  
**B266 - Collare doppio per pali Ø102 Sablé 100 /**  
Double collar for pole Ø102 Sablé 100

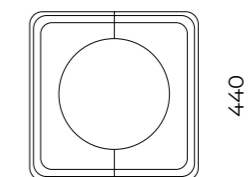
**DA9011CC**  
**B267 - Collare doppio per pali Ø114 Sablé 100 /**  
Double collar for pole Ø114 Sablé 100

**DA9012CC**  
**B268 - Collare doppio per pali Ø120 Sablé 100 /**  
Double collar for pole Ø120 Sablé 100



**AK9005CC**  
**Copertura base palo Ø114 Sablé 100 /** Cover pole Ø114 Sablé 100

**AK9006CC**  
**Copertura base palo Ø120 Sablé 100 /** Cover pole Ø120 Sablé 100



### Dasos Wall

**COLORI / COLOURS**

● SABLÉ 100 NOIR

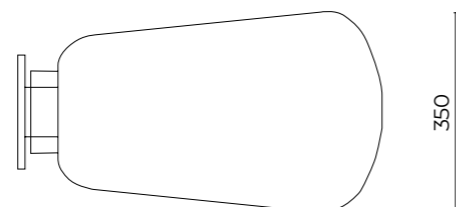
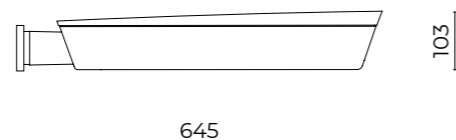


**DATI TECNICI / TECHNICAL DATA**

**Installazione / Installation:**  
parete / wall

**Orientabilità / Orientability**  
con giunto inclinazione  $\pm 15^\circ$  in continuo / with  
joint tilt  $\pm 15^\circ$  continuously

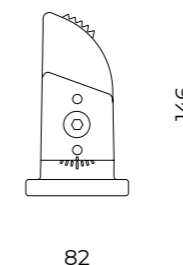
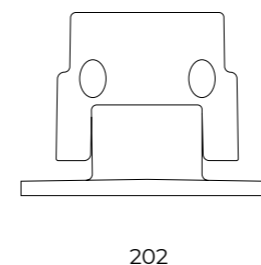
SMALL



**COMPLEMENTI/ ACCESSORIES**

**DA9013CC**  
**B269 - Giunto orientabile Sablé 100 /**  
Adjustable joint Sablé 100

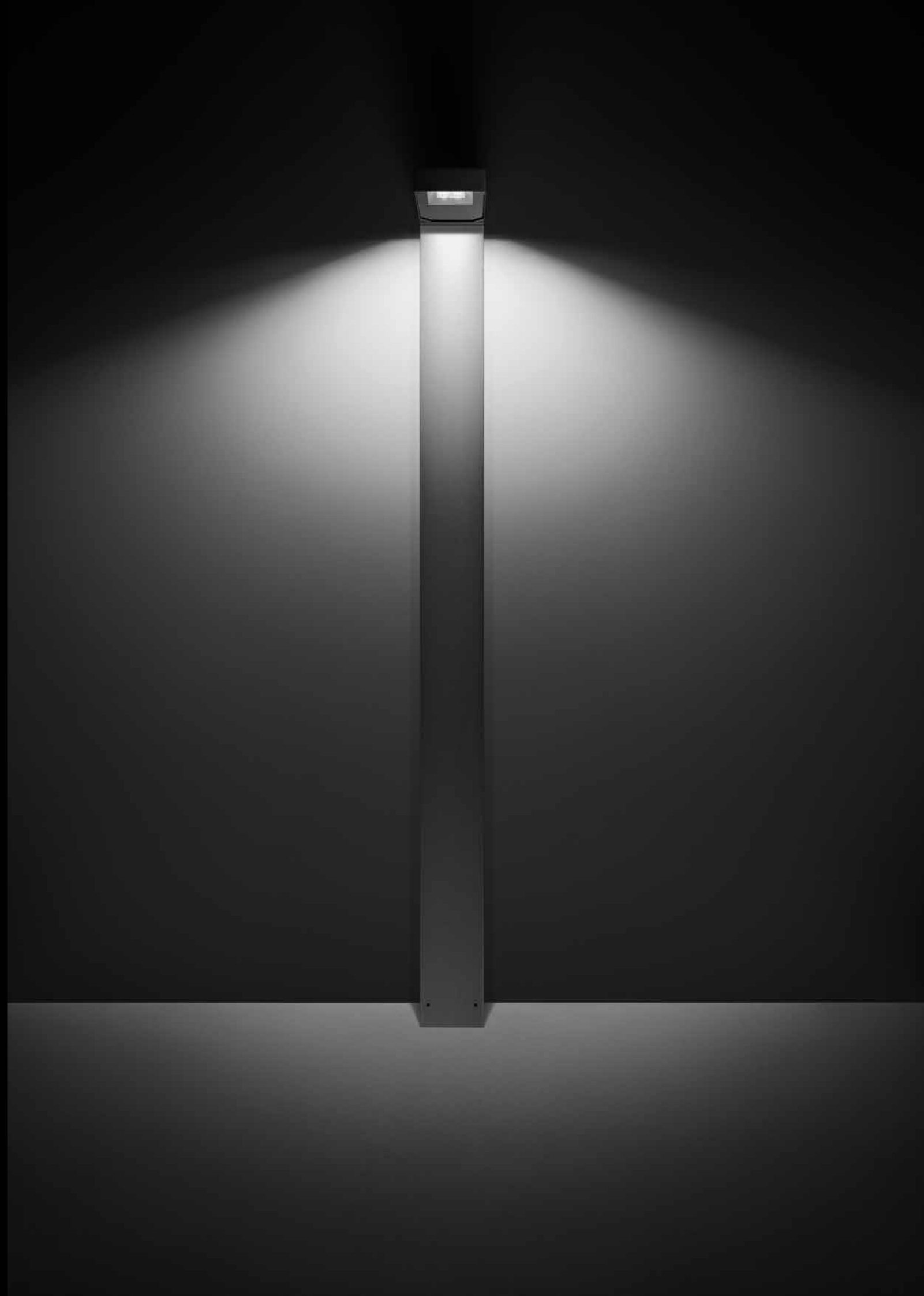
SMALL



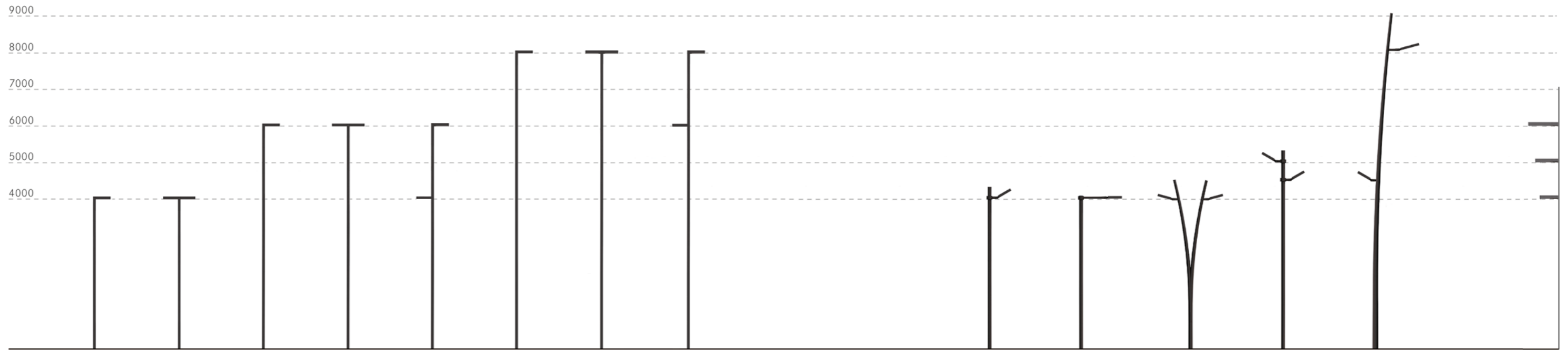
LIT

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

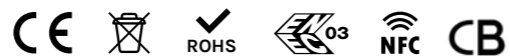
LIT is a complete flexible system with a clean, modern and elegant shape for lighting empty and full urban locations.







220 240V	50 60Hz	CL II	IP66	IK10	ta -30°C +50°C
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#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio** / Fitting flux:  
1515 (2200 K) - 16420 lm

**Potenza apparecchio** / Fitting power:  
13,5 - 118W

**Indice di resa cromatica** / Colour Rendering Index:  
CRI 70/80, SDCM ≤ 3

**Illuminazione intelligente** / Smart lighting:  
mezzanotte virtuale. Su richiesta DALI, ZHAGA UP &  
DOWN, NEMA UP, CLO / virtual midnight. On request  
DALI, ZHAGA UP & DOWN, NEMA UP, CLO

#### 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

#### STATIC WHITE LIGHT

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

#### DYNAMIC WHITE LIGHT

-  1800 K / 3000 K
-  1800 K / 4000 K

#### 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

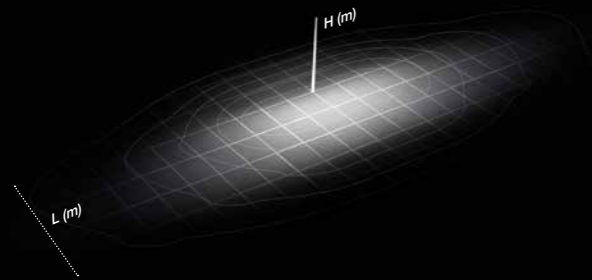
**Resistenza sovratensioni** / Surge Protection Device:  
10 kV MC / 12 kV MD

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

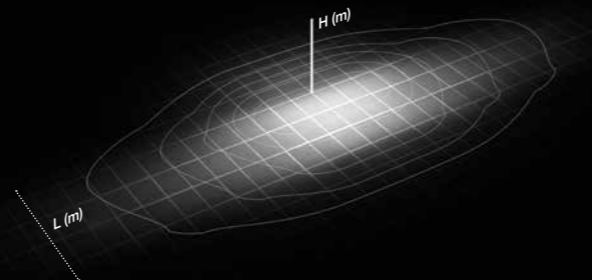
**Installazione** / Installation:  
parete, soffitto, terra, palo  
wall, ceiling, ground, pole

OTTICHE / OPTICS

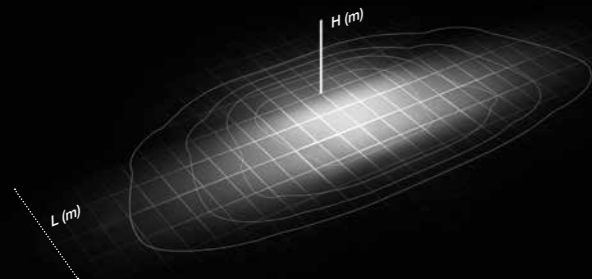
LT-C1 Cycle Path  
L / H = 0,5



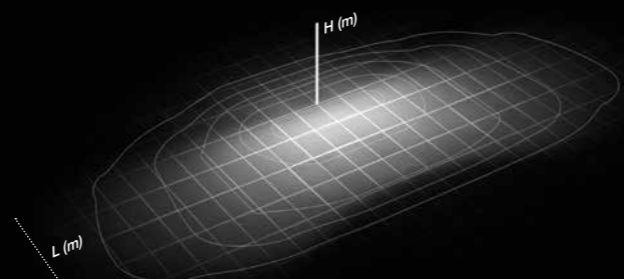
ST-02 Narrow Street  
L / H = 0,75



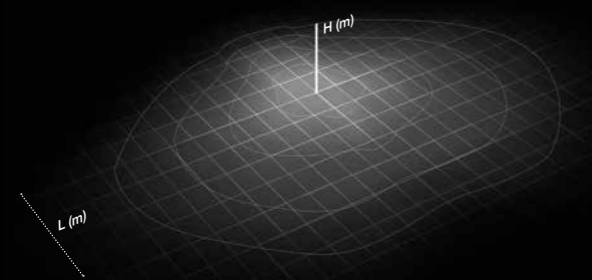
ME-05 Medium Street  
L / H = 1



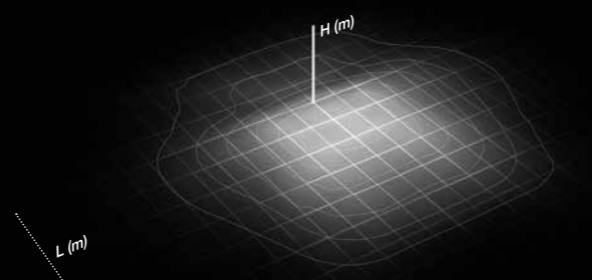
LA-03 Wide Street  
L / H = 1,25



PB-01 Low Pole  
L / H = 2

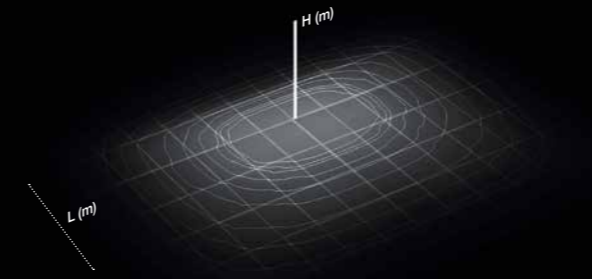


LT-63 Asymmetric Beam  
L / H = 2

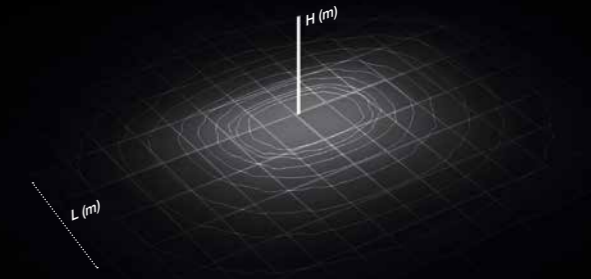


OTTICHE BLOS / BLOS OPTICS

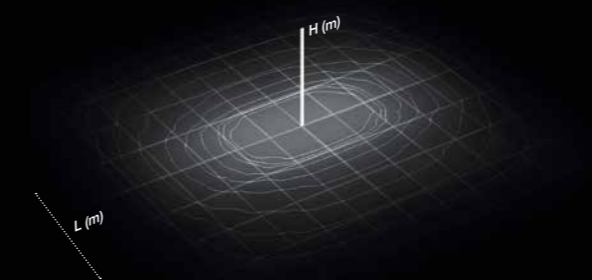
Asymmetric Black BLOS



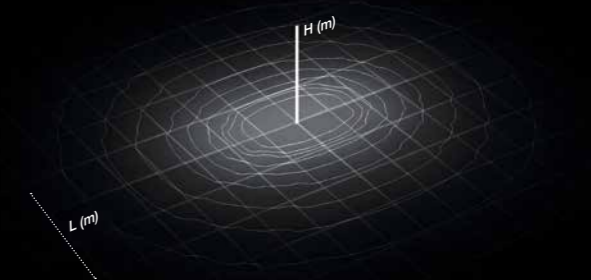
Asymmetric White BLOS



Elliptical Black BLOS



Elliptical White BLOS



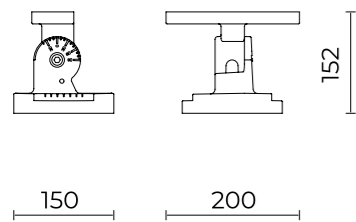
## Lit

### Flood 1

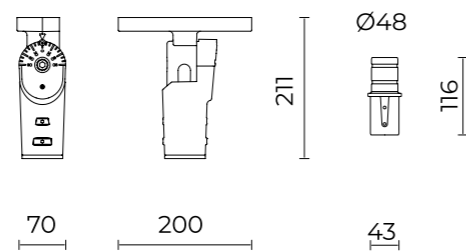
#### COMPLEMENTI / ACCESSORIES

##### LIT SMALL

**06LT901CO**  
**B110 - Giunto orientabile**  
 Adjustable joint

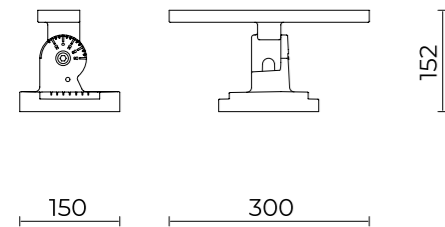


**06LT903CO**  
**B112 - Giunto orientabile per braccio e picchetto**  
 Adjustable joint for bracket and spike

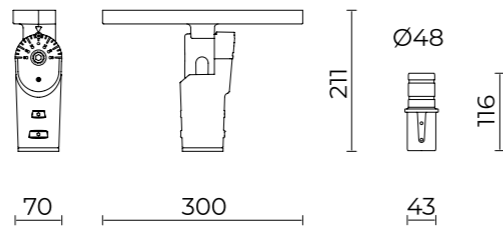


##### LIT MEDIUM - LARGE

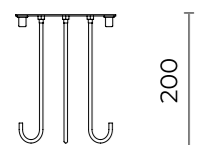
**06LT902CO**  
**B111 - Giunto orientabile**  
 Adjustable joint



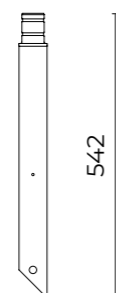
**06LT904CO**  
**B114 - Giunto orientabile per braccio e picchetto**  
 Adjustable joint for bracket and spike



**06LT909JO**  
**B118 - Ancore per calcestruzzo**  
 Anchor for concrete



**06LT908CO**  
**B117 - Picchetto per interrimento**  
 Spike for ground installation



## Lit

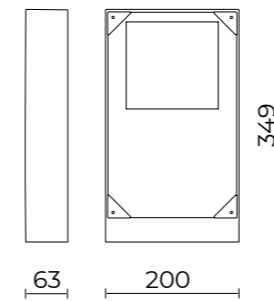
### Flood 1

#### DATI TECNICI / TECHNICAL DATA

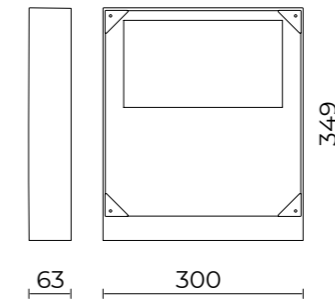
**Installazione / Installation:**  
 parete, soffitto, terra  
 wall-mounted, ceiling, ground

**Orientabilità / Orientability:**  
 con giunto inclinazione  $+35^\circ + -90^\circ$ , rotazione  $\pm 30^\circ$   
 with joint tilt  $+35^\circ + -90^\circ$ , rotation  $\pm 30^\circ$

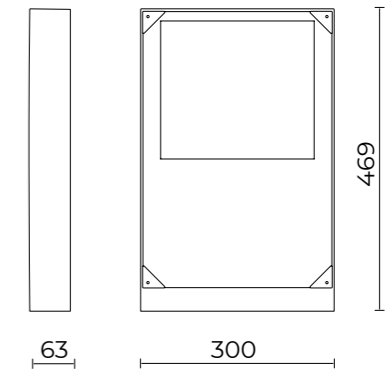
##### SMALL



##### MEDIUM



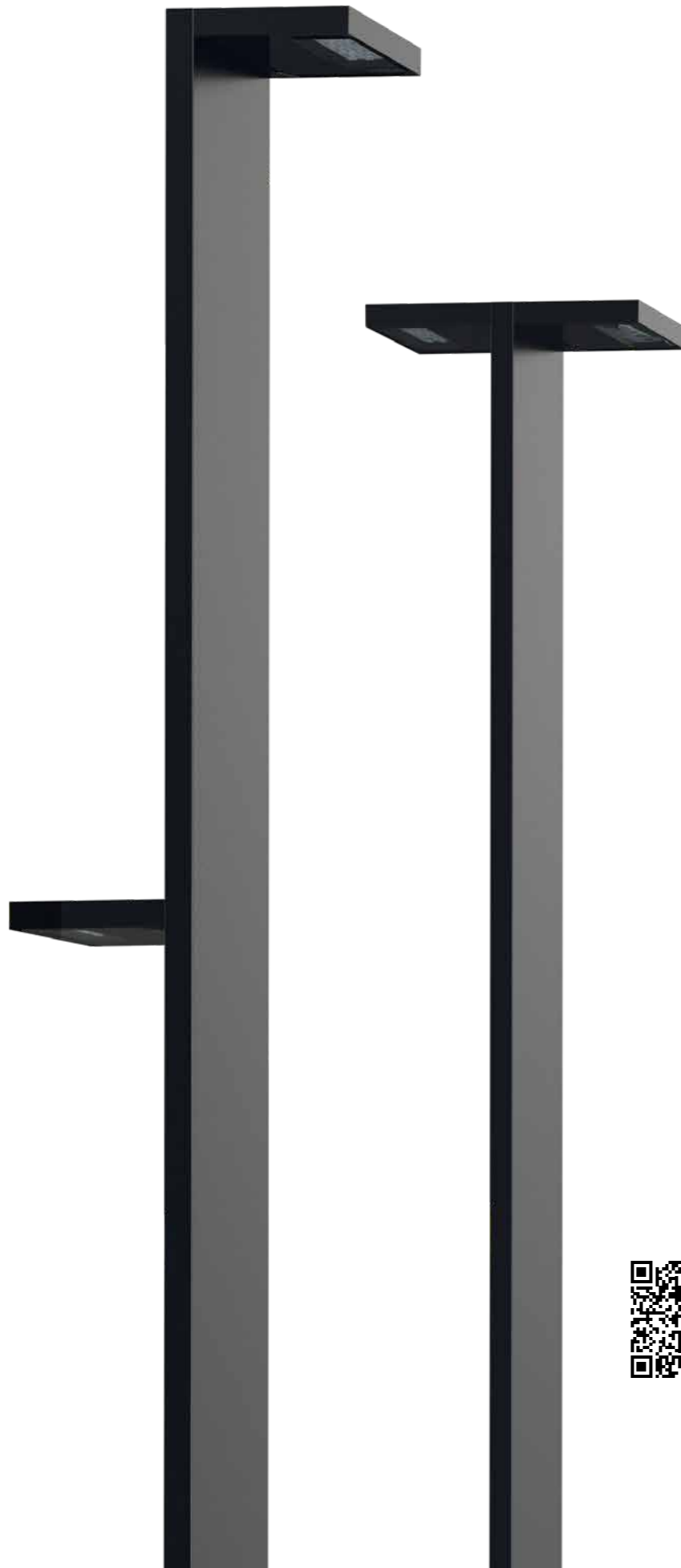
##### LARGE



**Lit**  
System

**DATI TECNICI / TECHNICAL DATA**

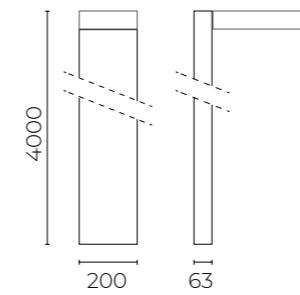
**Installazione / Installation:**  
palo rettangolare H 4 m, 6 m, 8m  
rectangular pole H 4 m, 6 m, 8m



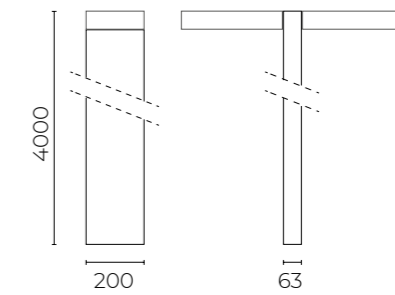
**PALI / POLES**

**LIT SMALL**

**06LT914C0**  
**B123 - Palo in alluminio estruso H4 m (Lit small)**  
Aluminium extruded pole H 4m (Lit small)

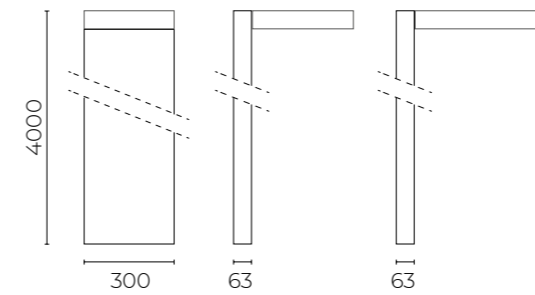


**06LT926C0**  
**B160 - Palo in alluminio estruso H 4m (2 Lit small)**  
Aluminium extruded pole H 4m (2 Lit small)

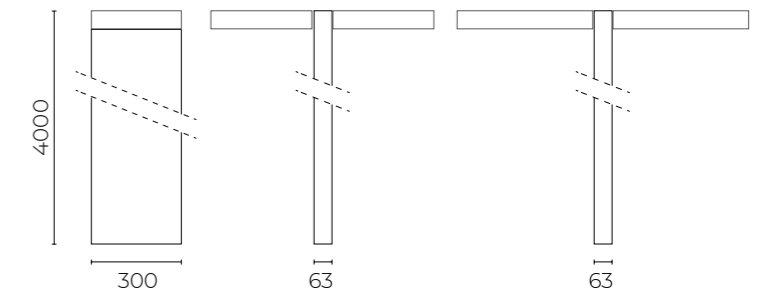


**LIT MEDIUM - LARGE**

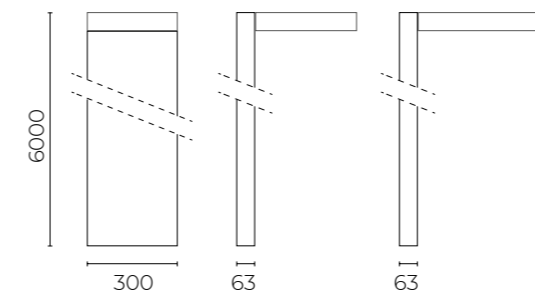
**06LT952C0**  
**B270 - Palo in alluminio estruso H 4m (Lit medium/large)**  
Aluminium extruded pole H 4m (Lit medium/large)



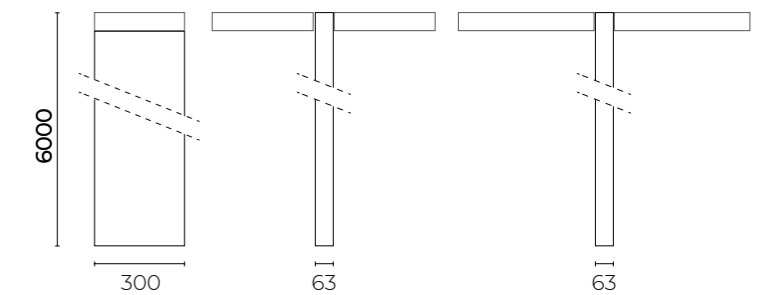
**06LT953C0**  
**B271 - Palo in alluminio estruso H 4m (2 Lit medium/large)**  
Aluminium extruded pole H 4m (2 Lit medium/large)



**06LT915C0**  
**B124 - Palo in alluminio estruso H 6m (Lit medium/large)**  
Aluminium extruded pole H 6m (Lit medium/large)



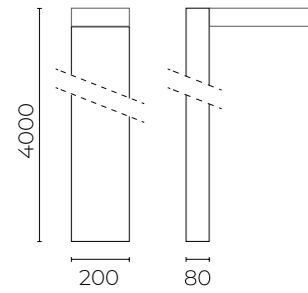
**06LT927C0**  
**B161 - Palo in alluminio estruso H 6m (2 Lit medium/large)**  
Aluminium extruded pole H 6m (2 Lit medium/large)



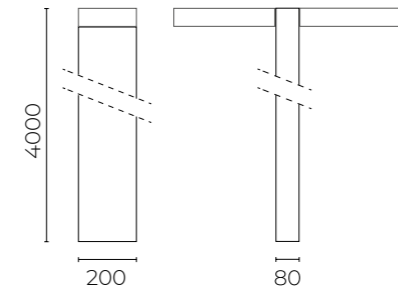
## Lit System

### PALI / POLES

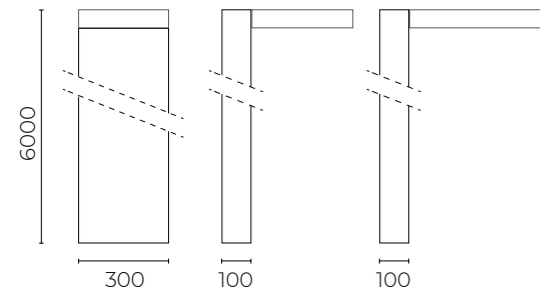
**06LT954C0**  
**B272 - Palo in acciaio con portella H 4m (Lit small)**  
 Steel pole with hole H 4 m (Lit small)



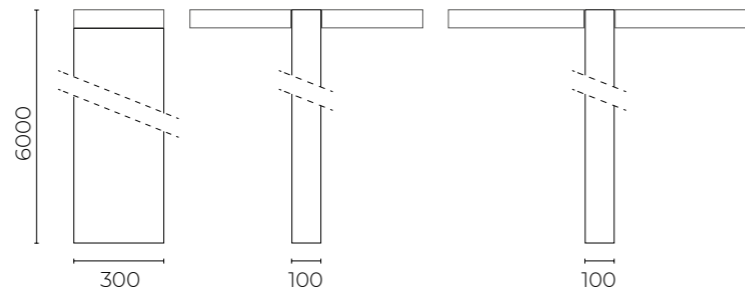
**06LT955C0**  
**B273 - Palo in acciaio con portella H 4m (2 Lit small)**  
 Steel pole with hole H 4 m (2 Lit small)



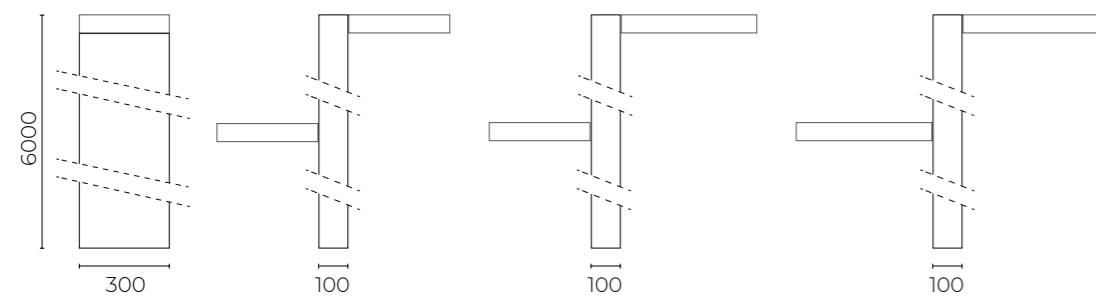
**06LT956C0**  
**B274 - Palo in acciaio con portella H 6m (Lit medium/large)**  
 Steel pole with hole H 6m (Lit medium/large)



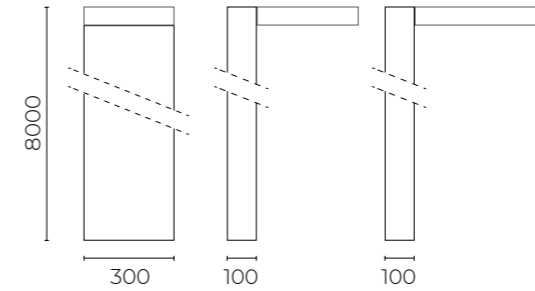
**06LT957C0**  
**B275 - Palo in acciaio con portella H 6m (2 Lit medium/large)**  
 Steel pole with hole H 6m (2 Lit medium/large)



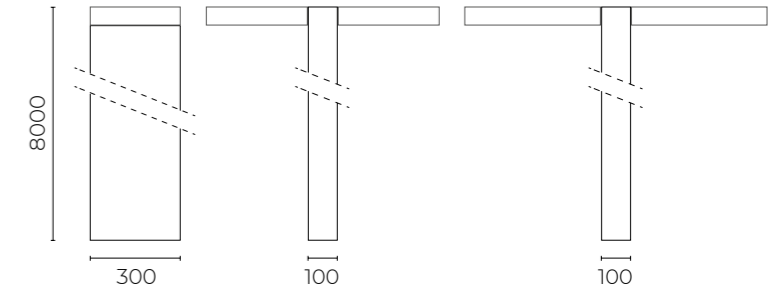
**06LT958C0**  
**B276 - Palo in acciaio con portella H 6m (2 Lit medium/large H 4m e H 6m)**  
 Steel pole with hole H 6m (2 Lit medium/large H 4m e H 6m)



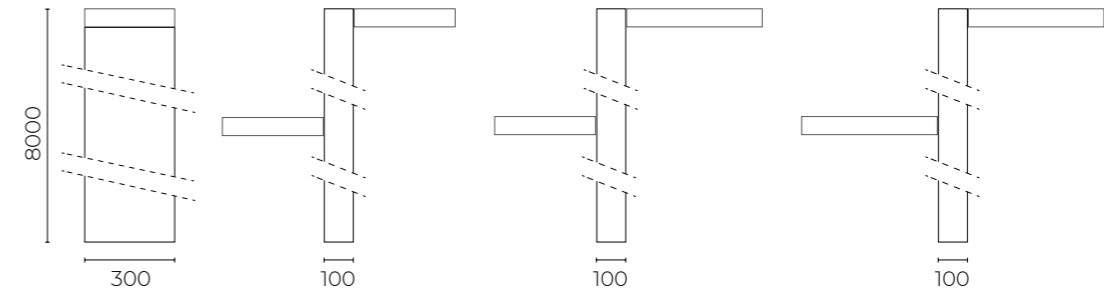
**06LT959C0**  
**B277 - Palo in acciaio con portella H 8m (Lit medium/large)**  
 Steel pole with hole H 8m (Lit medium/large)



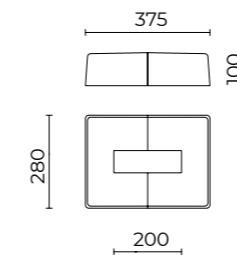
**06LT960C0**  
**B278 - Palo in acciaio con portella H 8m (2 Lit medium/large)**  
 Steel pole with hole H 8m (2 Lit medium/large)



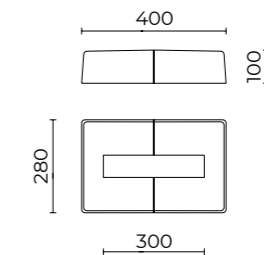
**06LT961C0**  
**B279 - Palo in acciaio con portella H 8m (2 Lit medium/large H 6m e H 8m)**  
 Steel pole with hole H 8m (2 Lit medium/large H 6m e H 8m)



**06LT962C0**  
**B280 - Copertura base palo estruso Lit small**  
 Cover extruded pole Lit small

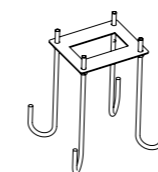


**06LT963C0**  
**B281 - Copertura base palo estruso Lit medium/large**  
 Cover extruded pole Lit medium/large



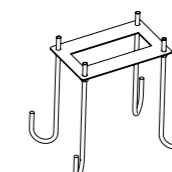
**06LT964C0**  
**B282 - Copertura base palo acciaio Lit small**  
 Cover steel pole Lit small

**06LT966X0**  
**B284 - Kit dima e tirafondi palo acciaio Lit small**  
 Template and anchoring bolts kit for steel pole Lit small



**06LT965C0**  
**B283 - Copertura base palo acciaio Lit medium/large**  
 Cover steel pole Lit medium/large

**06LT967X0**  
**B285 - Kit dima e tirafondi palo acciaio Lit medium/large**  
 Template and anchoring bolts kit for steel pole Lit medium/large





## 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

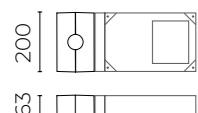


Lit  
Poles

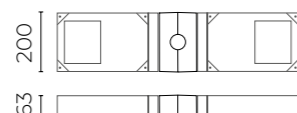
## COMPLEMENTI / ACCESSORIES

## LIT SMALL

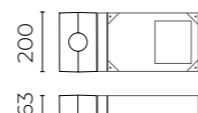
**06LT929C0**  
**B166 - Collare singolo per pali**  
**Ø 60 mm / Single collar for**  
**poles Ø 60 mm**



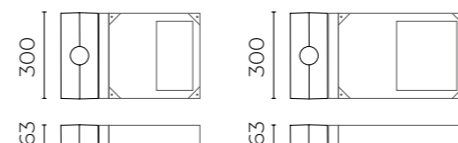
**06LT930C0**  
**B167 - Collare doppio per pali**  
**Ø 60 mm / Double collar for**  
**poles Ø 60 mm**



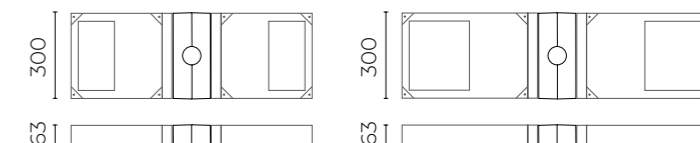
**06LT910C0**  
**B119 - Collare singolo**  
**per pali Ø 76 mm / Single**  
**collar for poles Ø 76 mm**



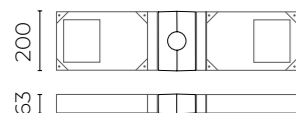
**06LT937C0**  
**B174 - Collare singolo per pali**  
**Ø 76 mm / Single collar for**  
**poles Ø 76 mm**



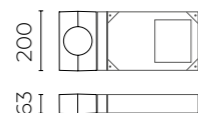
**06LT938C0**  
**B175 - Collare doppio per pali Ø 76 mm**  
**Double collar for poles Ø 76 mm**



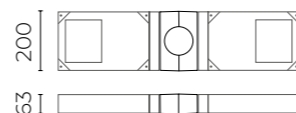
**06LT911C**  
**B120 - Collare doppio per pali**  
**Ø 76 mm / Double collar for**  
**poles Ø 76 mm**



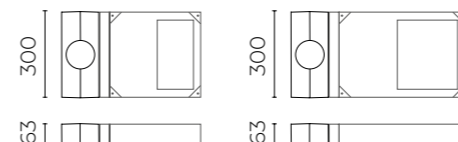
**06LT933C0**  
**B170 - Collare singolo per pali**  
**Ø 102 mm / Single collar for**  
**poles Ø102 mm**



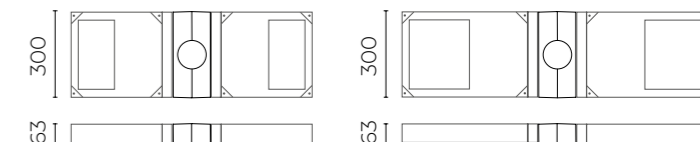
**06LT934C0**  
**B171 - Collare doppio per**  
**pali Ø 102 mm / Double**  
**collar for poles Ø102 mm**



**06LT912C0**  
**B121 - Collare singolo per pali**  
**Ø 102 mm / Single collar for**  
**poles Ø 102 mm**

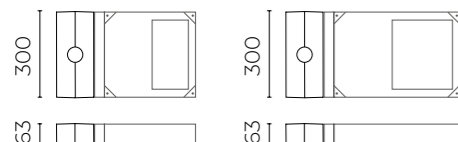


**06LT913C0**  
**B122 - Collare doppio per pali Ø 102 mm**  
**Double collar for poles Ø 102 mm**

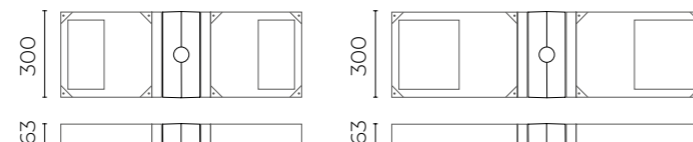


## LIT MEDIUM - LARGE

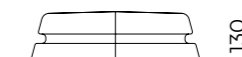
**06LT935C0**  
**B172 - Collare singolo per pali Ø 60 mm**  
**Single collar for poles Ø 60 mm**



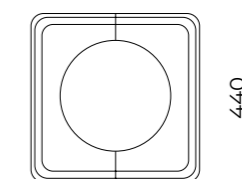
**06LT936C0**  
**B173 - Collare doppio per pali Ø 60 mm**  
**Double collar for poles Ø 60 mm**



**AK9001CC**  
**Copertura base palo Ø60 Sablé 100 /**  
**Cover pole Ø60 Sablé 100**



**AK9002CC**  
**Copertura base palo Ø76 Sablé 100 /**  
**Cover pole Ø76 Sablé 100**



**AK9004CC**  
**Copertura base palo Ø102 Sablé 100 /**  
**Cover pole Ø102 Sablé 100**



## 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°



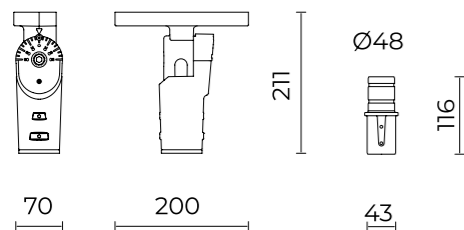
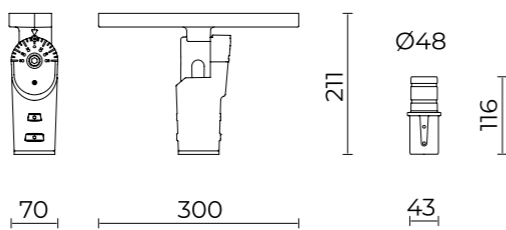
## Lit

## Brackets and poles

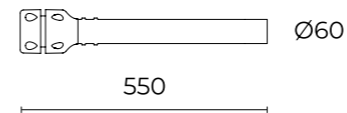
## COMPLEMENTI E BRACCI / ACCESSORIES AND ARMS:

**06LT903CO****B112 - Giunto orientabile per braccio**  
**Ø 60 mm Lit small**

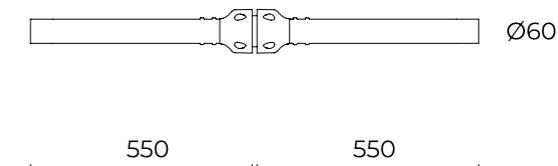
Adjustable joint for bracket Ø 60 mm Lit small

**06LT904CO****B114 - Giunto orientabile per braccio**  
**Ø 60 mm Lit medium, large / Adjustable joint**  
for bracket Ø 60 mm Lit medium, large**01AK921CO****B1 - Braccio per pali**  
Arm for poles

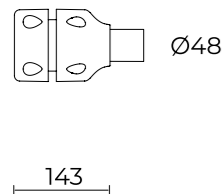
Ø60-76

**01AK922CO****B2 - Braccio doppio per pali**  
Double arm for poles

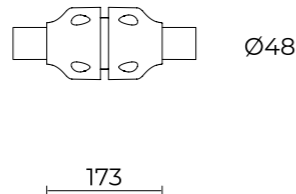
Ø60-76

**01AK903CO****L3 - Kit giunto per palo o braccio**  
Joint kit for pole or arm

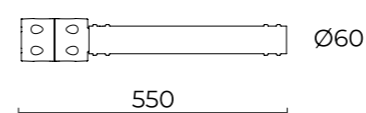
Ø60-76

**01AK904CO****L4 - Kit giunto doppio per palo o braccio**  
Double joint kit for pole or arm

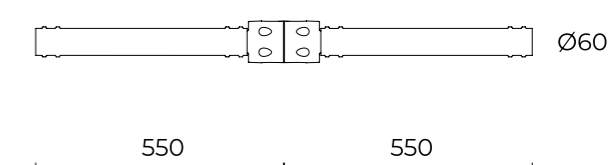
Ø60-76

**06AK907CO****B155 - Braccio per pali**  
Arm for poles

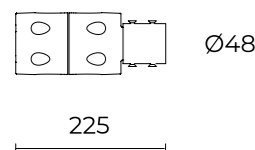
Ø102

**06AK909CO****B157 - Braccio doppio per pali**  
Double arm for poles

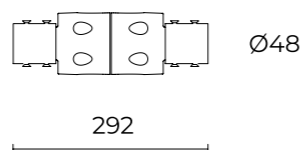
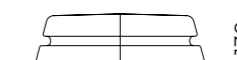
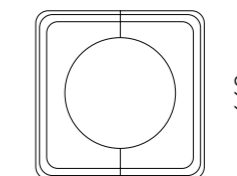
Ø102

**06AK916CO****B139 - Anello per pali**  
Ring for poles

Ø102

**06AK917CO****B140 - Anello doppio per pali**  
Double ring for poles

Ø102

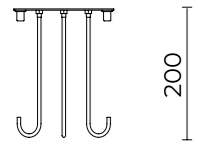
**AK9001CC****Copertura base palo Ø60 Sablé 100 /**  
Cover pole Ø60 Sablé 100**AK9002CC****Copertura base palo Ø76 Sablé 100 /**  
Cover pole Ø76 Sablé 100**AK9004CC****Copertura base palo Ø102 Sablé 100 /**  
Cover pole Ø102 Sablé 100

## Lit

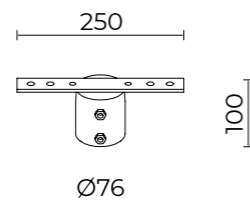
## Flood 2

## COMPLEMENTI E BRACCI / ACCESSORIES AND ARMS:

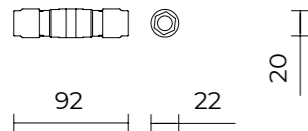
**06LT909J0**  
**B118 - Ancore per calcestruzzo**  
 Anchor for concrete



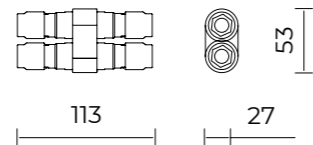
**06NW902C0**  
**L14 - Kit testa palo**  
 Post top kit



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



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



## Lit

## Flood 2

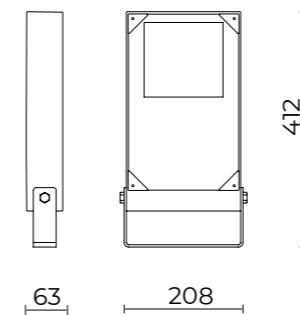


## DATI TECNICI / TECHNICAL DATA

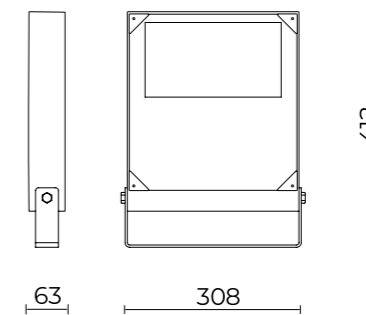
**Installazione / Installation:**  
 terra, parete, palo / ground, wall, pole

**Inclinazione / Inclination:**  
 -90°

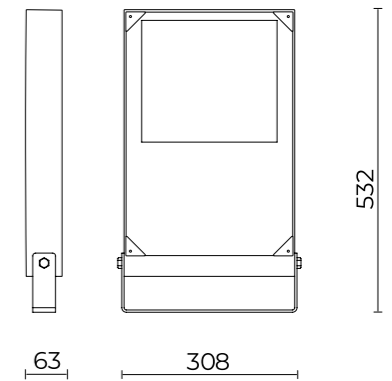
## SMALL



## MEDIUM



## LARGE



# 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.





SPORTS CENTER

SUPERMARKET

leisure supermarket

built shop

clothing shop



220 240V	50 60Hz	CL II	IP66	IK09	IK10 (POST TOP)	ta -30°C +50°C
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#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio / Fitting flux:**  
1300 (2700 K) - 17230 lm

**Potenza apparecchio / Fitting power:**  
9,5 - 109 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

#### STATIC WHITE LIGHT

- 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

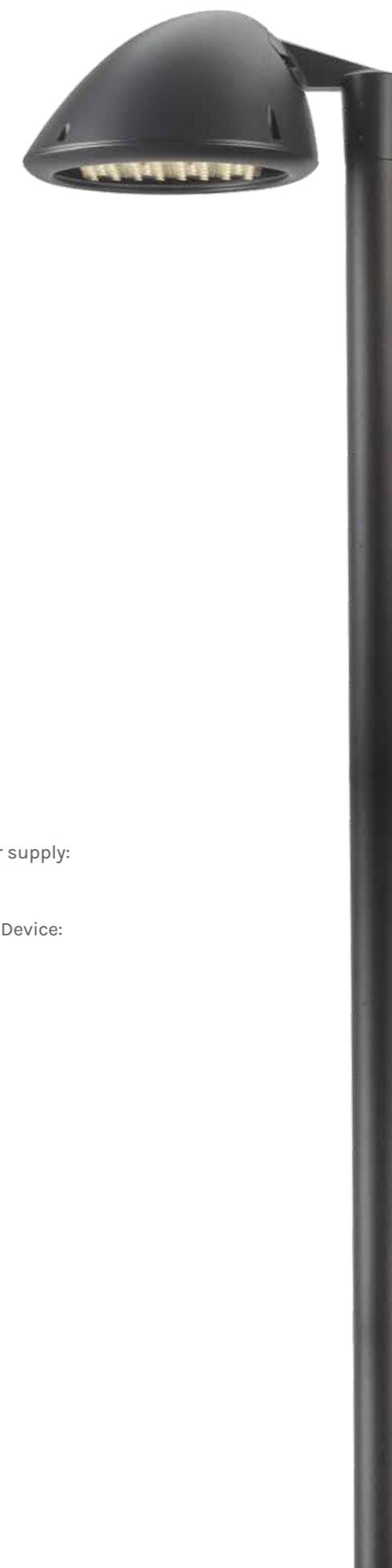
**Peso massimo / Max weight:**  
4 kg (small), 8 kg (medium)

**Alimentazione elettronica / Electronic power supply:**  
inclusa / included

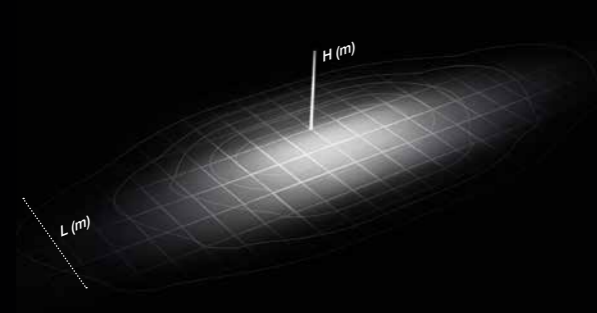
**Resistenza sovratensioni / Surge Protection Device:**  
10 kV MC / 12 kV MD

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

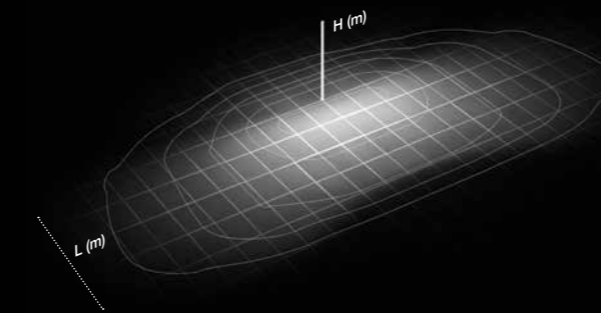
**Installazione / Installation:**  
testa palo, lato palo / post top, pole side



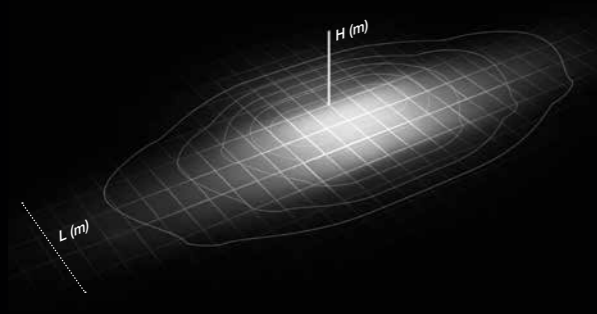
LT-C1 Cycle Path  
L / H = 0,5



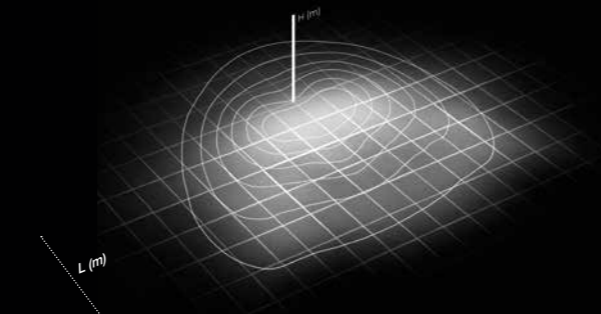
LA-03 Wide Street  
L / H = 1,25



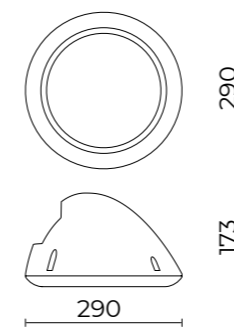
ST-02 Narrow Street  
L / H = 0,75



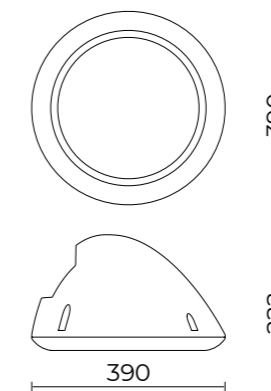
LT-64 Asymmetric Beam with backlight  
L / H = 2



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

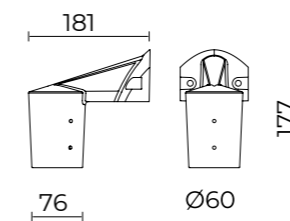
**Inclinazione / inclination:**

**lato palo, parete, terra -90° + 35°**  
pole side, wall, ground -90° + 35°

## COMPLEMENTI / ACCESSORIES

**06SG905C0****B178 - Kit testa palo innesto H 90 mm (Sigma small e medium)**

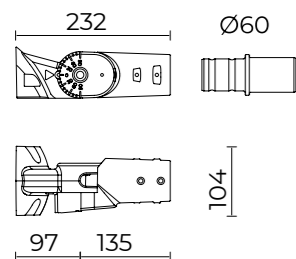
Kit post top with fastening part H 90 mm (Sigma small and medium)



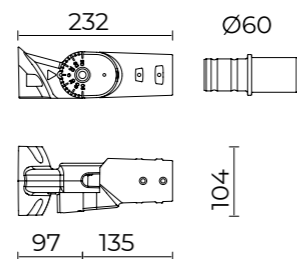
## Sigma Street

## COMPLEMENTI E BRACCI / ACCESSORIES AND ARMS

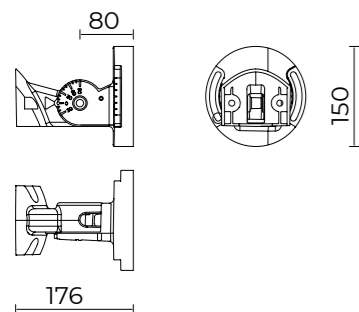
**06SG906CO**  
**B179 - Kit lato palo small regolabile**  
 Adjustable kit pole side small



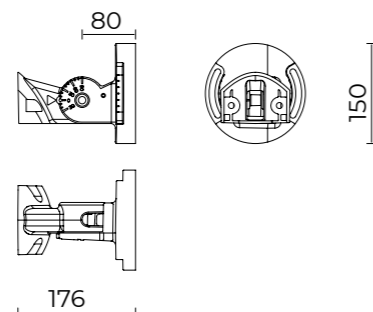
**06SG907CO**  
**B180 - Kit lato palo medium regolabile**  
 Adjustable kit pole side medium



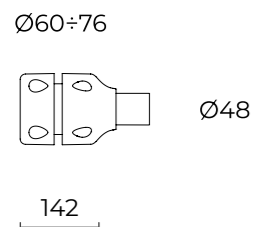
**06SG908CO**  
**B181 - Giunto regolabile parete o terra small** / Adjustable joint for wall or ground small



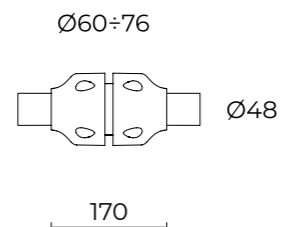
**06SG909CO**  
**B182 - Giunto regolabile parete o terra medium** / Adjustable joint for wall or ground medium



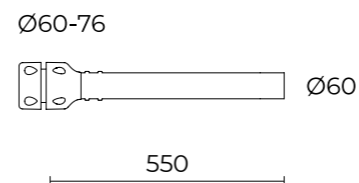
**01AK903CO**  
**L3 - Kit giunto per pali**  
 Joint kit for poles



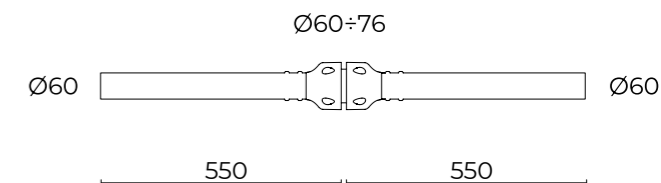
**01AK904CO**  
**L4 - Kit giunto doppio per pali**  
 Double joint kit for poles



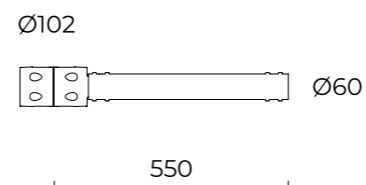
**01AK921CO**  
**B1 - Braccio per pali**  
 Arm for poles



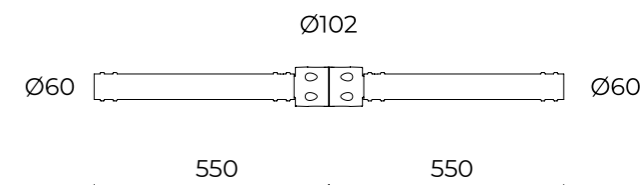
**01AK922CO**  
**B2 - Braccio doppio per pali**  
 Double arm for poles



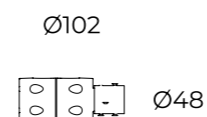
**06AK907CO**  
**B155 - Braccio per pali**  
 Arm for poles



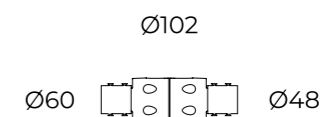
**06AK909CO**  
**B157 - Braccio doppio per pali**  
 Double arm for poles



**06AK916CO**  
**B139 - Anello per pali**  
 Ring for poles



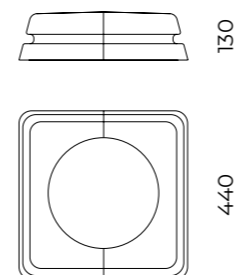
**06AK917CO**  
**B140 - Anello doppio per pali**  
 Double ring for poles



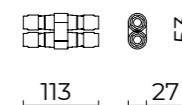
**AK9001CC**  
**Copertura base palo Ø60 Sablé 100** /  
 Cover pole Ø60 Sablé 100

**AK9002CC**  
**Copertura base palo Ø76 Sablé 100** /  
 Cover pole Ø76 Sablé 100

**AK9004CC**  
**Copertura base palo Ø102 Sablé 100** /  
 Cover pole Ø102 Sablé 100



**06KS909CO**  
**B89 - Connettore 4 vie IP68**  
 Connector 4 way IP68

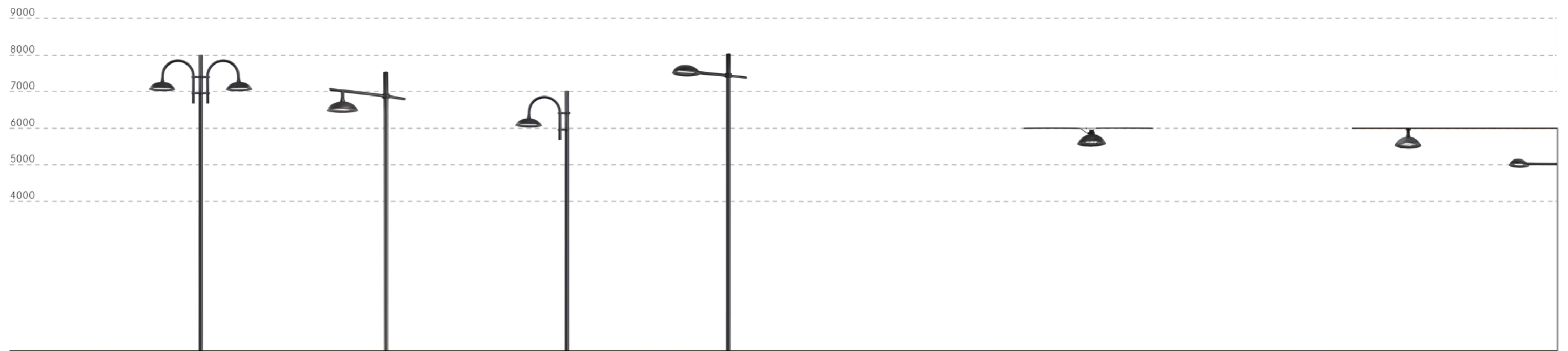


# VOLTA

L'ampia gamma di soluzioni ottiche e di fissaggi rende VOLTA ideale per l'illuminazione di spazi e percorsi urbani in ogni città.

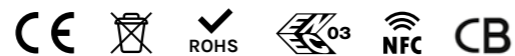
The wide range of optical and fastening solutions makes VOLTA ideal for lighting urban spaces and pathways in any city.







220 240V	50 60Hz	CL II	IP66	IK09	ta -30°C +50°C
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#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio / Fitting flux:**  
1235 (2200 K) - 23805 lm

**Potenza apparecchio / Fitting power:**  
9,5 - 153 W

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

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

#### STATIC WHITE LIGHT

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

#### DYNAMIC WHITE LIGHT

- 1800 K / 4000 K

#### COLORI / COLOURS

- SABLÉ 100 NOIR



#### CARATTERISTICHE / FEATURES

**Peso massimo / Max weight:**  
8,2 kg (small), 12 kg (medium)

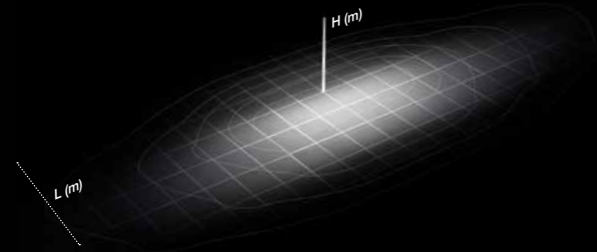
**Alimentazione elettronica / Electronic power supply:**  
inclusa / included

**Resistenza sovratensioni / Surge Protection Device:**  
10 kV MC / 12 kV MD

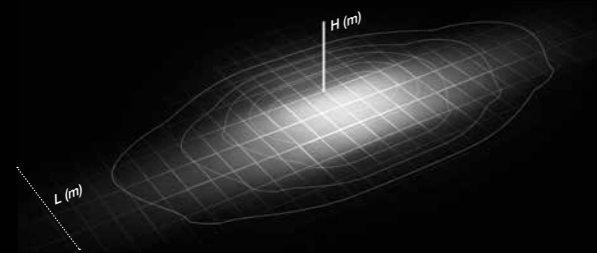
**Apertura vano cablaggio / Wiring compartment opening:**  
mediante clip / by clip

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

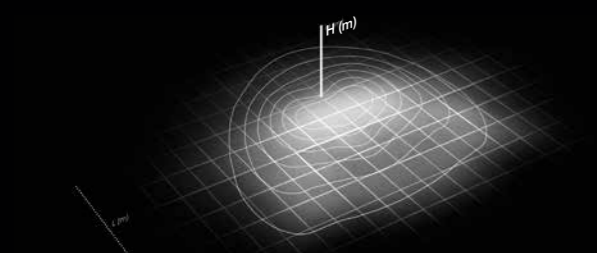
LT-C1 Cycle Path  
L / H = 0,5



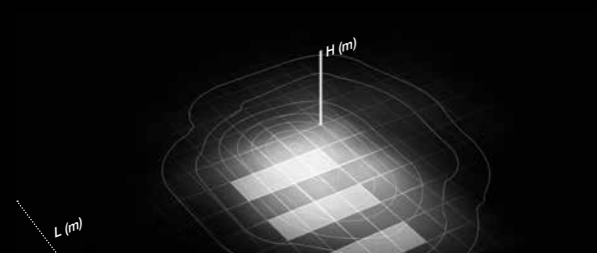
ST-02 Narrow Street  
L / H = 0,75



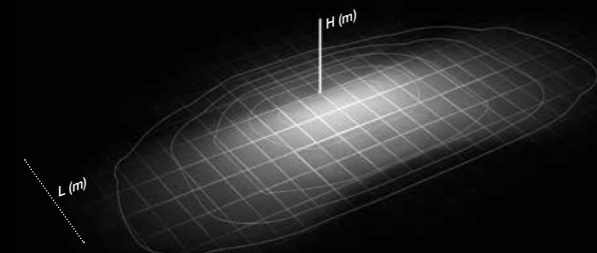
LT-64 Asymmetric Beam with backlight  
L / H = 2



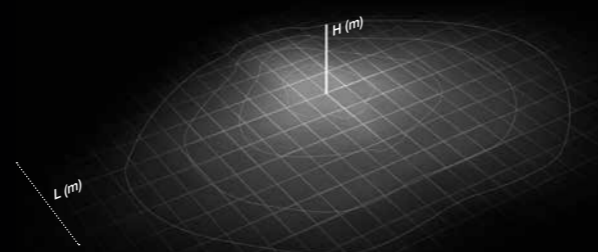
AP-D2 Pedestrian Crossing



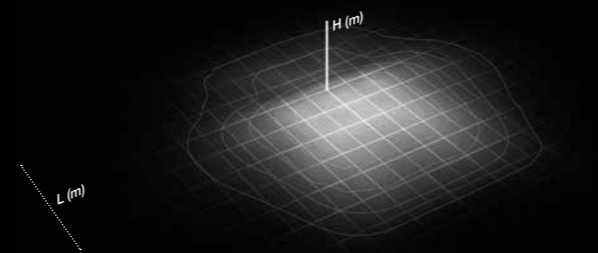
LA-03 Wide Street  
L / H = 1,25



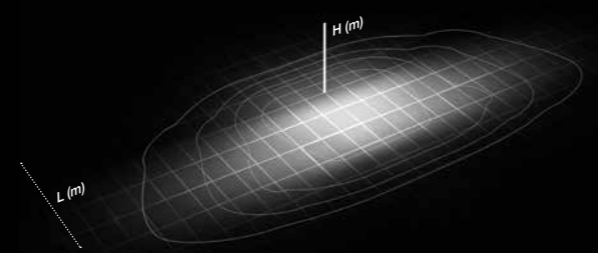
PB-01 Low Pole  
L / H = 2



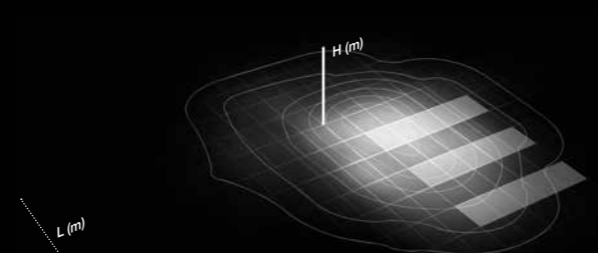
LT-63 Asymmetric Beam  
L / H = 2



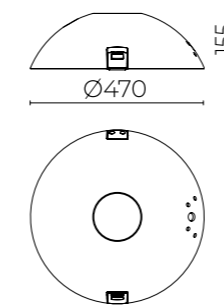
ME-05 Medium Street  
L / H = 1



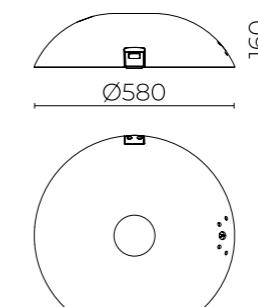
AP-S2 Pedestrian Crossing



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

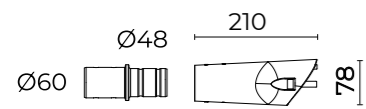


# Volta

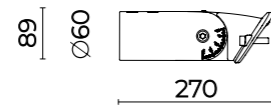
Lato palo / Pole side

## COMPLEMENTI E BRACCI / ACCESSORIES AND ARMS

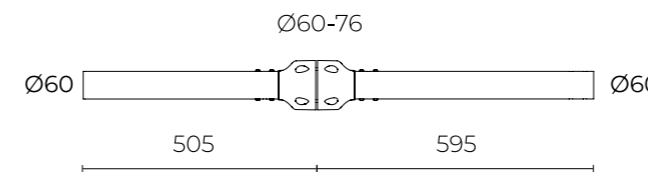
**01V0901C0**  
**L17 - Kit laterale fisso per braccio Ø48-60**  
 Fixed side kit for arm Ø48-60



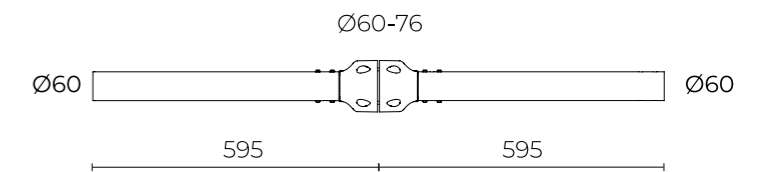
**01V0902C0**  
**L16 - Kit laterale regolabile per palo o braccio Ø60**  
 Adjustable side kit for pole or arm Ø60



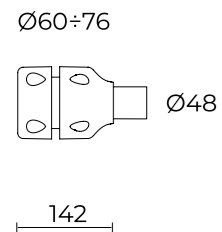
**01AK984C0**  
**B208 - Braccio per pali**  
 Arm for poles



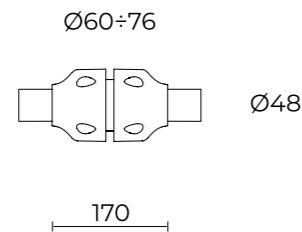
**01AK985C0**  
**B209 - Braccio doppio per pali**  
 Double arm for poles



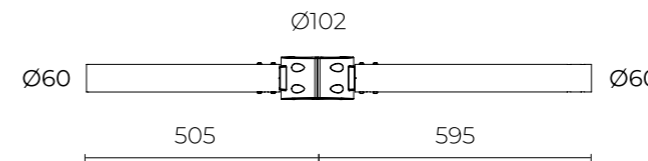
**01V0904C0**  
**B204 - Kit giunto per palo**  
 Joint kit for pole



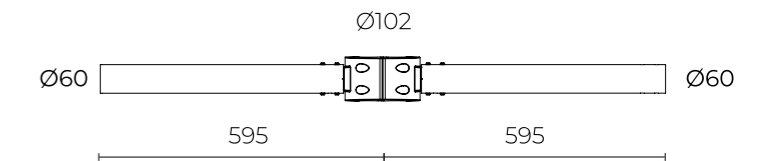
**01V0905C0**  
**B205 - Kit giunto doppio per palo**  
 Double joint kit for pole



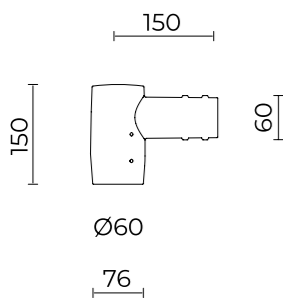
**01AK986C0**  
**B210 - Braccio per pali**  
 Arm for poles



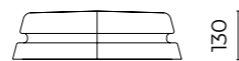
**01AK987C0**  
**B211 - Braccio doppio per pali**  
 Double arm for poles



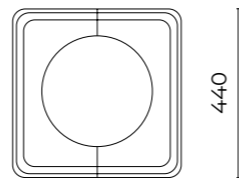
**06AK905C0**  
**B153 - Giunto testa palo H 90 mm**  
 Joint post top H 90 mm



**AK9001CC**  
**Copertura base palo Ø60 Sablé 100 /**  
 Cover pole Ø60 Sablé 100

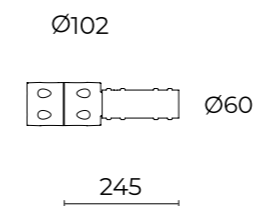


**AK9002CC**  
**Copertura base palo Ø76 Sablé 100 /**  
 Cover pole Ø76 Sablé 100

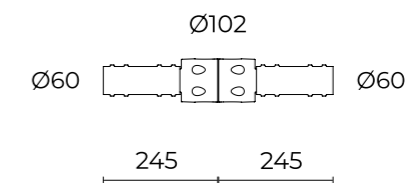


**AK9004CC**  
**Copertura base palo Ø102 Sablé 100 /**  
 Cover pole Ø102 Sablé 100

**06AK906C0**  
**B154 - Braccio per palo**  
 Arm for pole

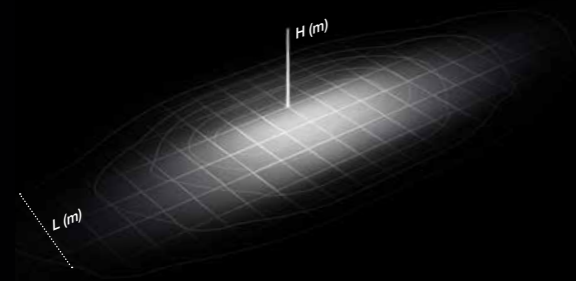


**06AK908C0**  
**B156 - Braccio doppio per palo**  
 Double arm for pole

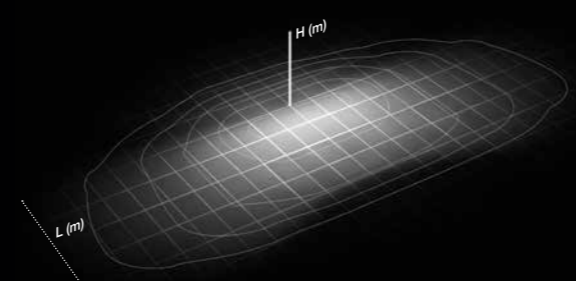


OTTICHE / OPTICS

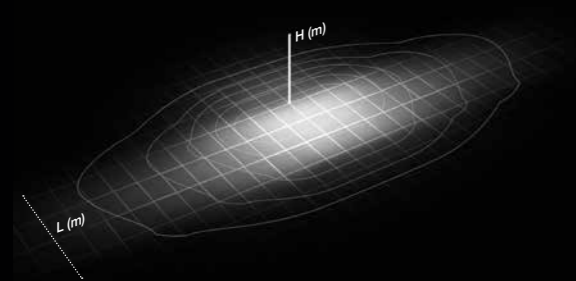
LT-C1 Cycle Path  
L / H = 0,5



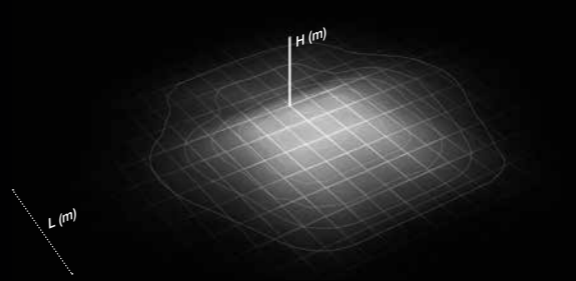
LA-03 Wide Street  
L / H = 1,25



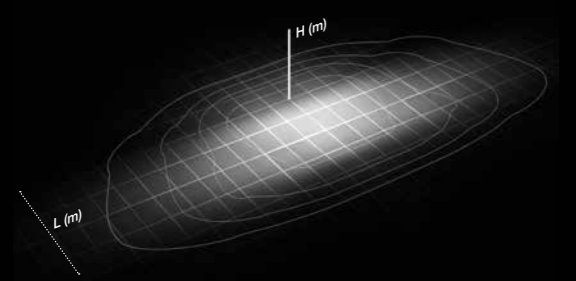
ST-02 Narrow Street  
L / H = 0,75



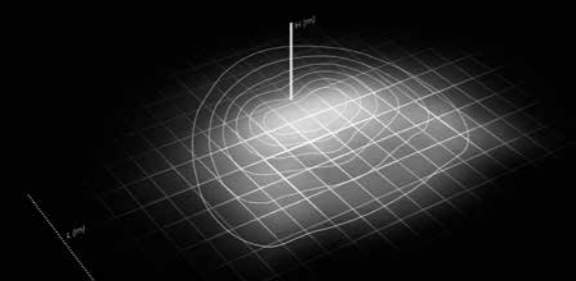
LT-63 Asymmetric Beam  
L / H = 2



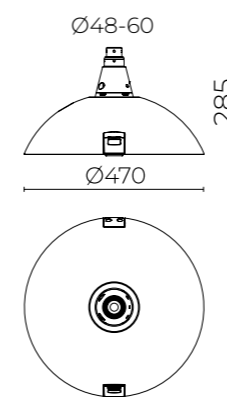
ME-05 Medium Street  
L / H = 1



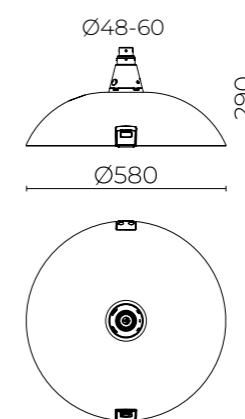
LT-64 Asymmetric Beam with backlight  
L / H = 2



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DATI TECNICI / TECHNICAL DATA

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



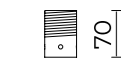
# Volta

## Sospensione braccio / Arm suspension

### COMPLEMENTI E BRACCI / ACCESSORIES AND ARMS

**01AK907C0**  
**L16 - Kit sospensione maschio 1" 1/2 GAS**  
 Male suspension kit 1" 1/2 GAS

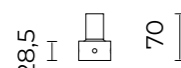
1" 1/2 GAS



Ø48

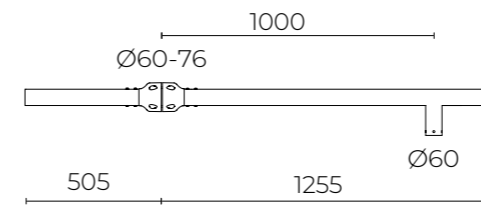
**01AK914C0**  
**L17 - Kit sospensione maschio 3/4" GAS**  
 Male suspension kit 3/4" GAS

3/4" GAS

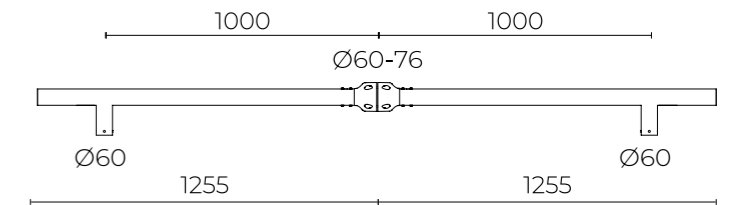


Ø48

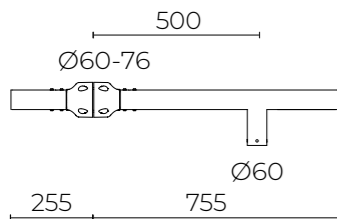
**01AK992C0**  
**B216 - Braccio per pali**  
 Arm for poles



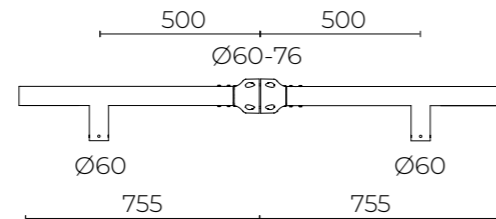
**01AK994C0** Ø60  
**B217 - Braccio doppio per pali**  
 Double arm for poles



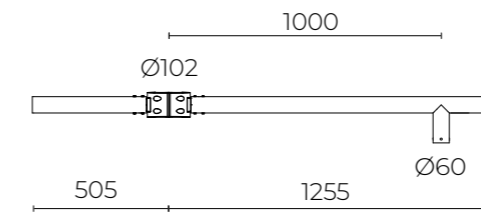
**01AK988C0**  
**B212 - Braccio per pali**  
 Arm for poles



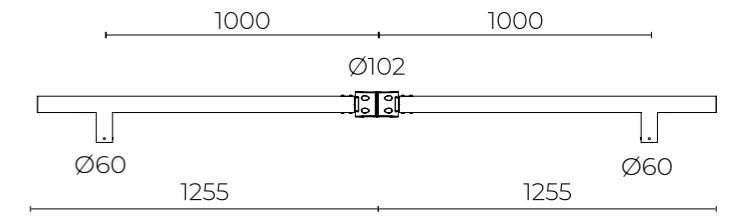
**01AK989C0**  
**B213 - Braccio doppio per pali**  
 Double arm for poles



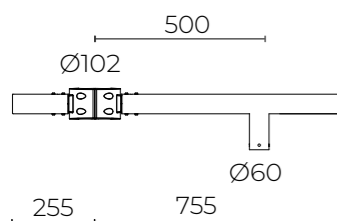
**01AK995C0**  
**B218 - Braccio per pali**  
 Arm for poles



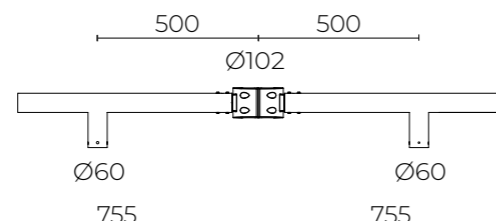
**01AK996C0**  
**B219 - Braccio doppio per pali**  
 Double arm for poles



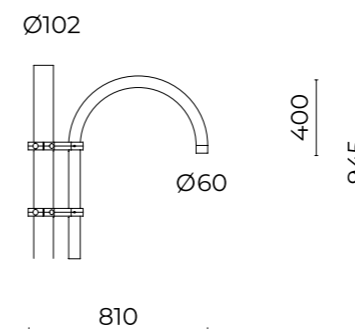
**01AK990C0**  
**B214 - Braccio per pali**  
 Arm for poles



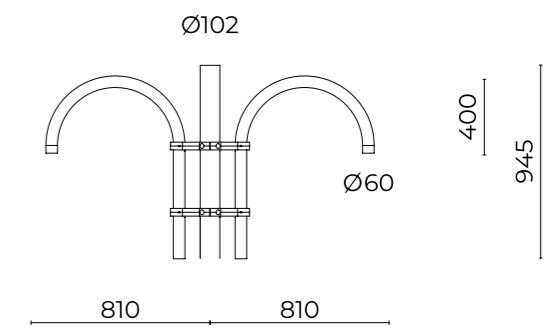
**01AK991C0**  
**B215 - Braccio doppio per pali**  
 Double arm for poles



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

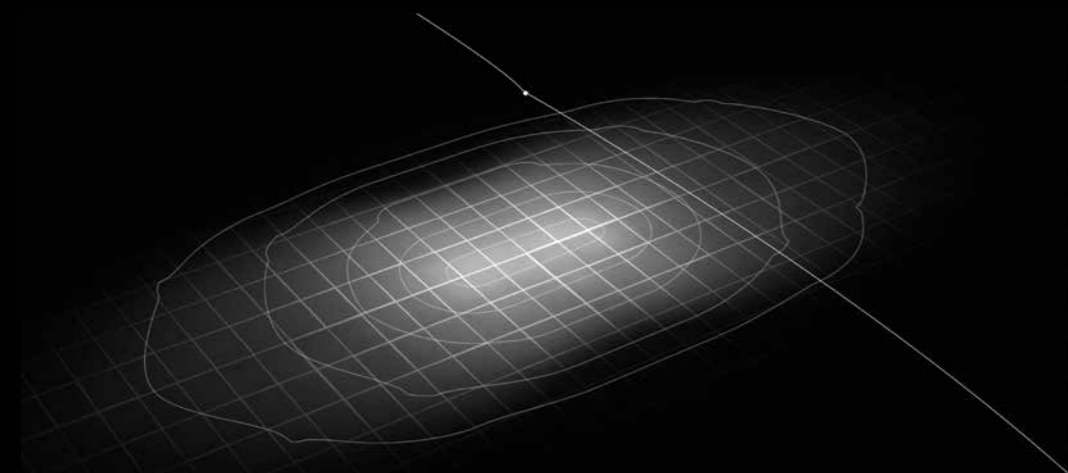


**01AK936C0**  
**B16 - Braccio pastorale doppio per pali**  
 Double curved arm for poles

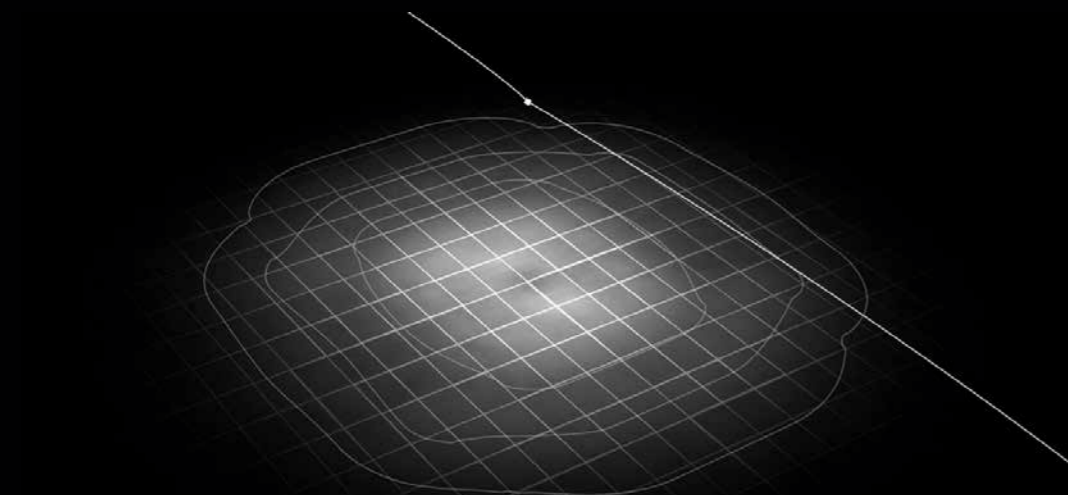


## OTTICHE / OPTICS

SO-02 Street Centered



RS-02 Rotosymmetric Beam

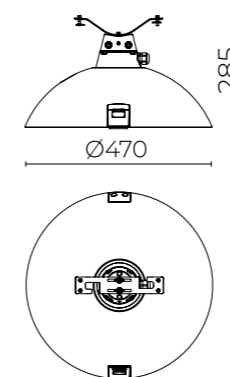


## Volta

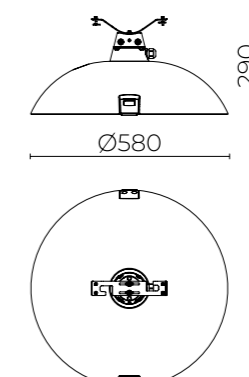
Sospensione tesata  
String suspension



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## 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:

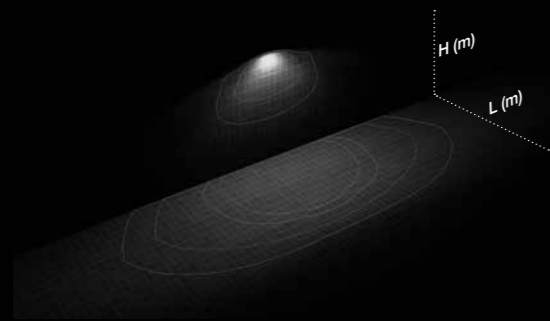
orizzontale ±15° / horizontal ±15°

**Orientabilità** / Adjustability:

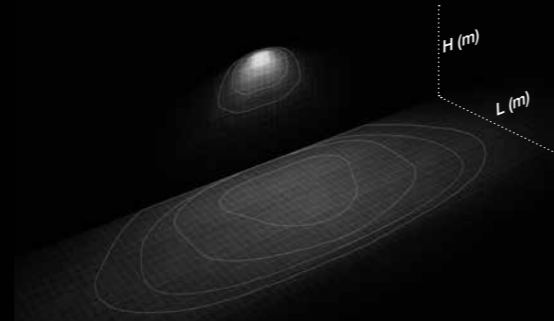
0° ÷ 360°



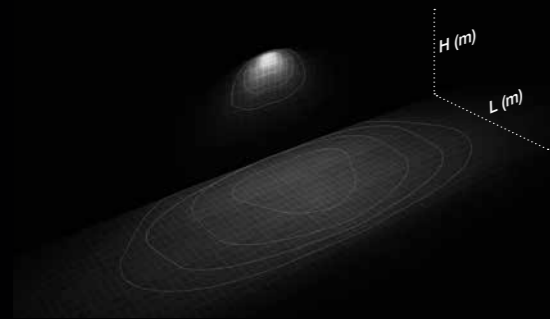
ST-02 Narrow Street  
L / H = 0,75



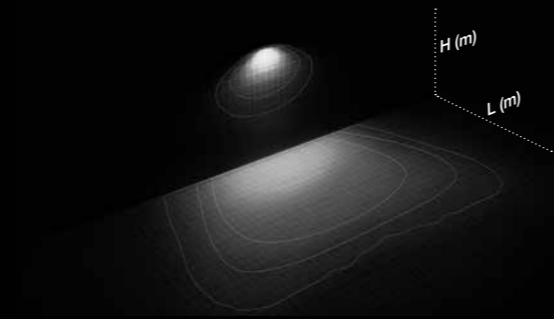
LA-03 Wide Street  
L / H = 1,25



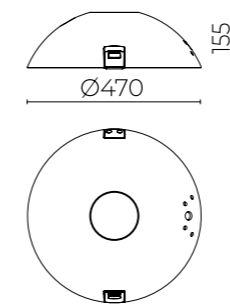
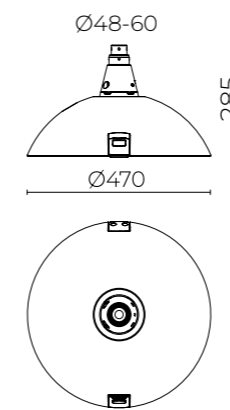
ME-05 Medium Street  
L / H = 1



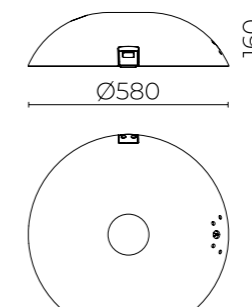
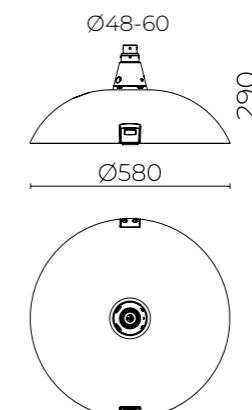
LT-63 Asymmetric Beam  
L / H = 2



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DATI TECNICI / TECHNICAL DATA

Installazione / Installation:  
parete / wall-mounted



## Volta

### Volta

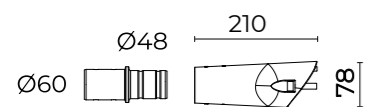
Parete / Wall

#### COMPLEMENTI E BRACCI / ACCESSORIES AND ARMS

##### 01V0901C0

##### L17 - Kit laterale fisso per braccio Ø48-60

Fixed side kit for arm Ø48-60

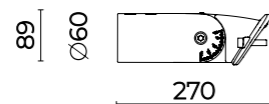


##### 01V0902C0

##### L16 - Kit laterale regolabile

per palo o braccio Ø60

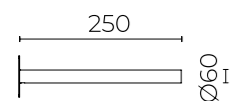
Adjustable side kit for pole or arm Ø60



##### 01AK982C0

##### B206-P - Braccio a parete laterale

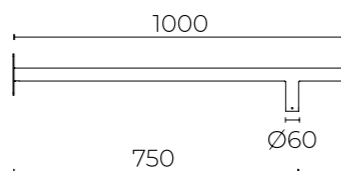
Side wall-mounting arm



##### 01AK983C0

##### B207-P - Braccio a parete sospensione

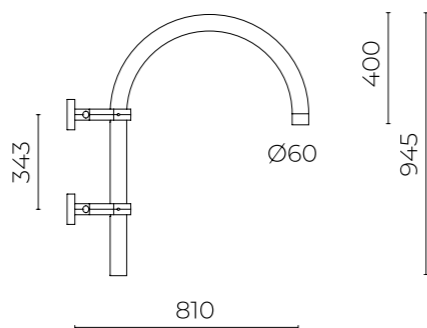
Suspension wall-mounting arm

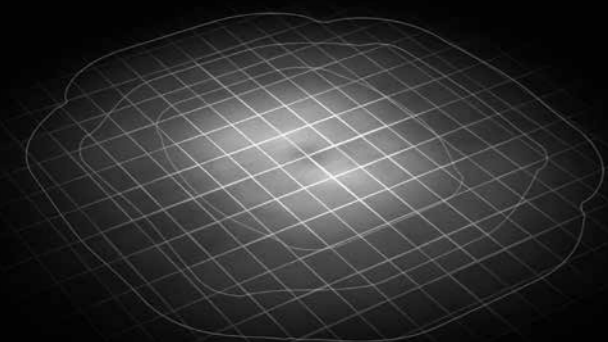


##### 01AK950C0

##### B15-P - Braccio pastorale a parete

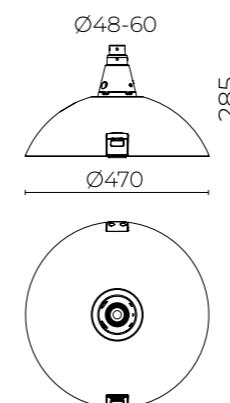
Curved arm for wall





**Volta**  
Sottoportico / Arcade

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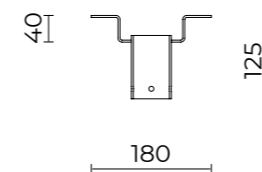


**DATI TECNICI / TECHNICAL DATA**

**Installazione / Installation:**  
sottoportico / arcade

**COMPLEMENTI / ACCESSORIES**

**01KA915CO**  
**B53 - Kit sospensione sottoportico**  
Arcade suspension kit

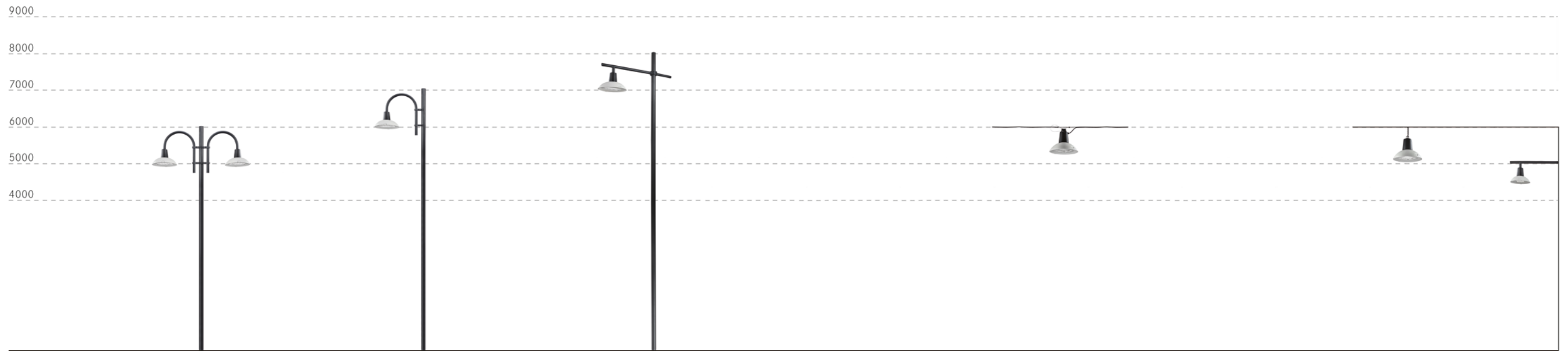


# THEMELIO

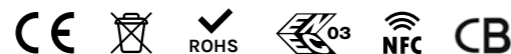
L'ampia gamma di soluzioni ottiche e di fissaggi a sospensione rende THEMELIO ideale per l'illuminazione di spazi e percorsi urbani in ogni città.

A wide range of optical and suspension fastening solutions makes THEMELIO ideal for lighting urban spaces and pathways in any city.





220 240V	50 60Hz	CL II	IP66	IK09	ta -30°C +50°C
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#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio / Fitting flux:**  
1235 (2200 K) - 23805 lm

**Potenza apparecchio / Fitting power:**  
9,5 - 153 W

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

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

#### STATIC WHITE LIGHT

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

#### DYNAMIC WHITE LIGHT

- 1800 K / 3000 K

#### COLORI / COLOURS

- SABLÉ 100 NOIR



#### 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)

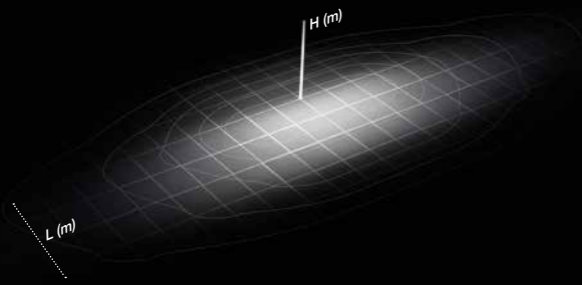
**Alimentazione elettronica / Electronic power supply:**  
inclusa / included

**Resistenza sovratensioni / Surge Protection Device:**  
10 kV MC / 12 kV MD

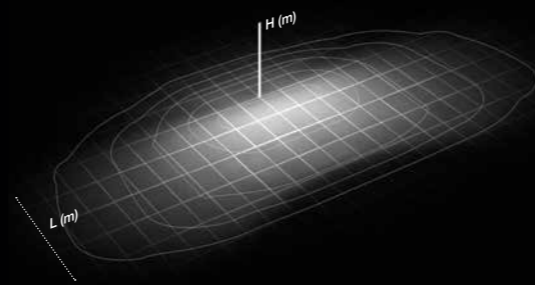
**Precablaggio / Pre-wiring:**  
prodotto pre-cablato con cavo e connettore  
pre-wired product with cable and connector

**Installazione / Installation:**  
sospensione braccio, sospensione tesata, parete, sottoportico / arm suspension, string suspension, wall, arcade

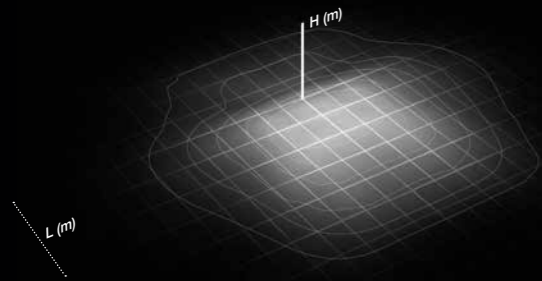
LT-C1 Cycle Path  
L / H = 0,5



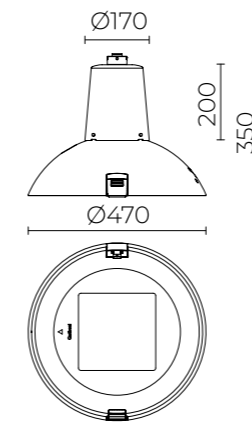
LA-03 Wide Street  
L / H = 1,25



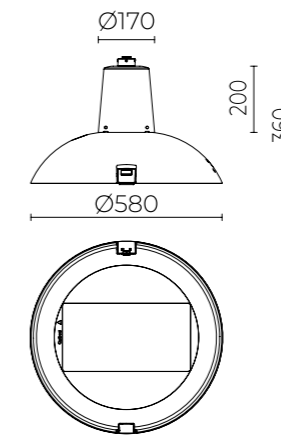
LT-63 Asymmetric Beam  
L / H = 2



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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

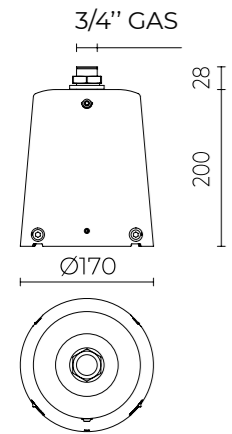


# Themelio

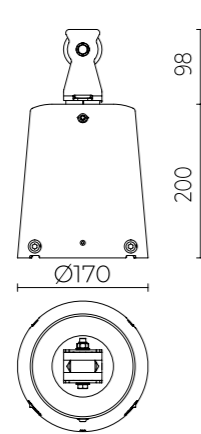
## Sospensione braccio / Arm suspension

### COMPLEMENTI E BRACCI / ACCESSORIES AND ARMS

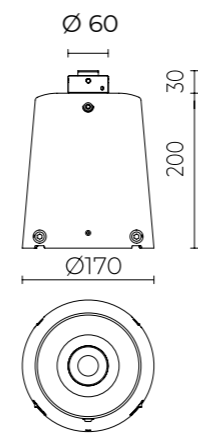
**01TH900CO**  
**Sospensione 3/4" GAS**  
 3/4" GAS suspension



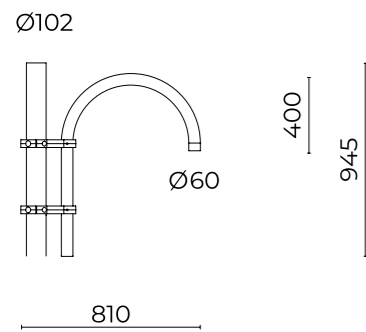
**01TH903CO**  
**Sospensione carrucola**  
 Pulley suspension



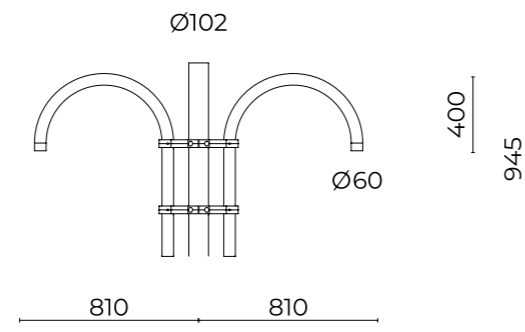
**01TH904CO**  
**Sospensione per bracci**  
 Suspension for arms



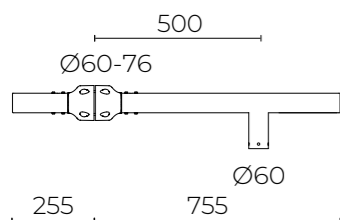
**01AK935CO**  
**B15 - Braccio pastorale per pali**  
 Curved arm for poles



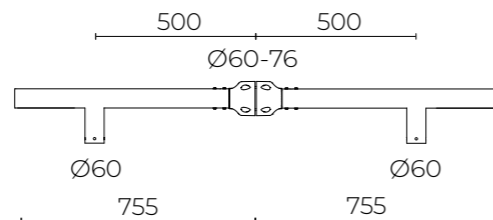
**01AK936CO**  
**B16 - Braccio pastorale doppio per pali**  
 Double curved arm for poles



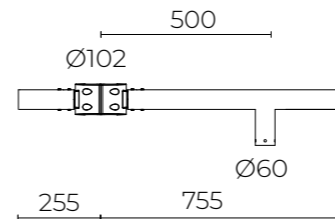
**01AK988CO**  
**B212 - Braccio per pali**  
 Arm for poles



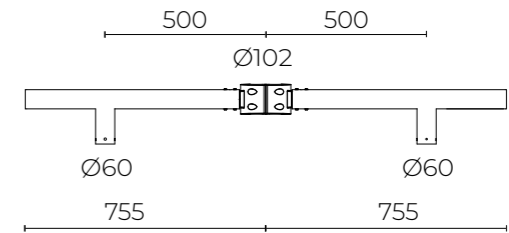
**01AK989CO**  
**B213 - Braccio doppio per pali**  
 Double arm for poles



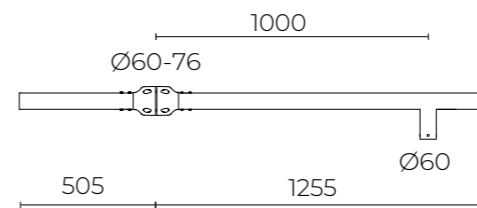
**01AK990CO**  
**B214 - Braccio per pali**  
 Arm for poles



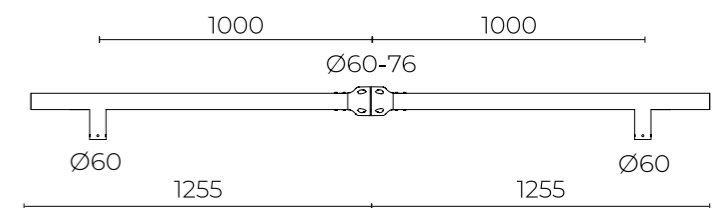
**01AK991CO**  
**B215 - Braccio doppio per pali**  
 Double arm for poles



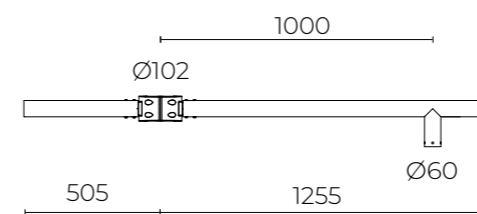
**01AK992CO**  
**B216 - Braccio per pali**  
 Arm for poles



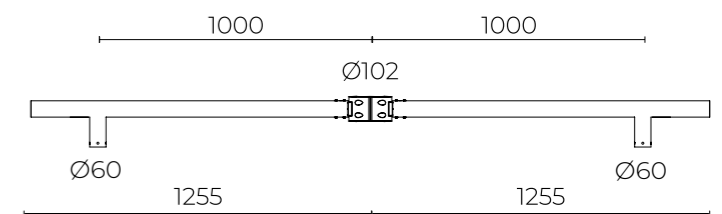
**01AK994CO**  
**B217 - Braccio doppio per pali**  
 Double arm for poles



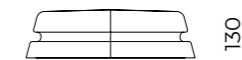
**01AK995CO**  
**B218 - Braccio per pali**  
 Arm for poles



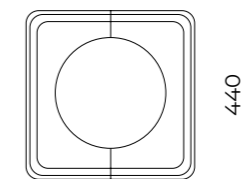
**01AK996CO**  
**B219 - Braccio doppio per pali**  
 Double arm for poles



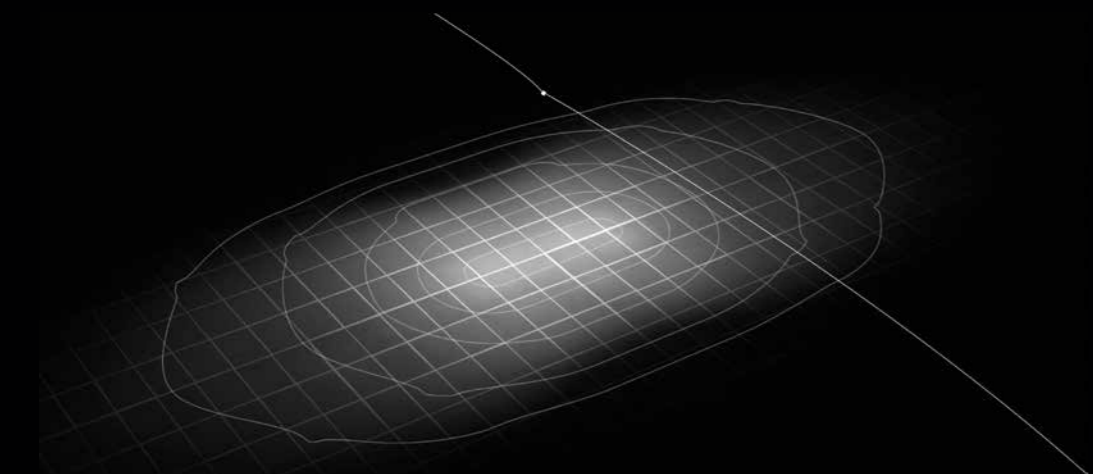
**AK9001CC**  
**Copertura base palo Ø60 Sablé 100 /**  
 Cover pole Ø60 Sablé 100



**AK9002CC**  
**Copertura base palo Ø76 Sablé 100 /**  
 Cover pole Ø76 Sablé 100



**AK9004CC**  
**Copertura base palo Ø102 Sablé 100 /**  
 Cover pole Ø102 Sablé 100

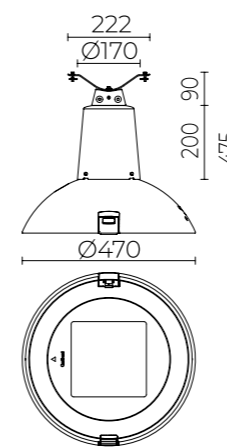


## Themelio

Sospensione tesata  
String suspension



### SMALL



### DATI TECNICI / TECHNICAL DATA

**Installazione / Installation:**  
sospensione tesata / suspension for string

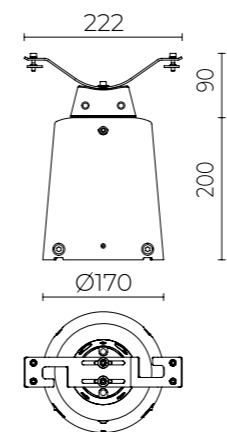
**Inclinazione / Inclination:**  
orizzontale  $\pm 15^\circ$  / horizontal  $\pm 15^\circ$

**Orientabilità / Adjustability:**  
 $0^\circ \div 360^\circ$

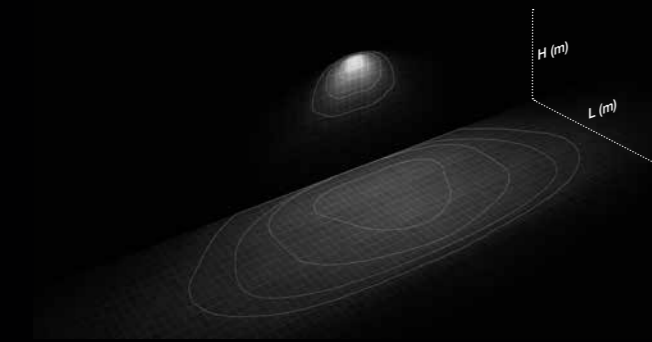
### COMPLEMENTI / ACCESSORIES

#### 01TH901CO

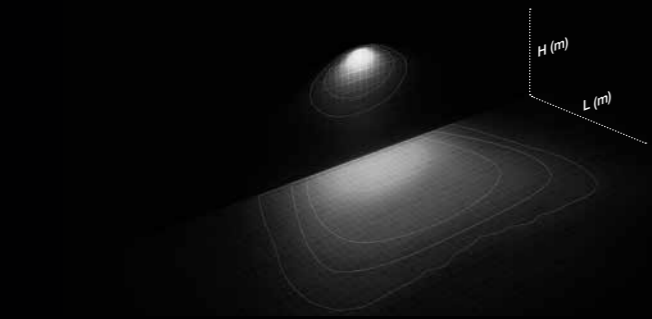
Sospensione tesata per fune  $\text{Ø } 6 \div 12 \text{ mm}$   
Suspension for string  $\text{Ø } 6 \div 12 \text{ mm}$



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



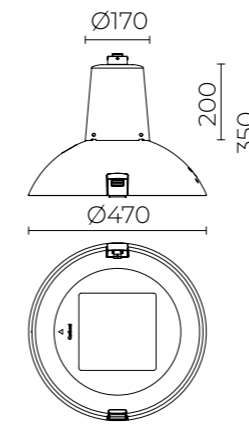
LT-63 Asymmetric Beam  
L / H = 2



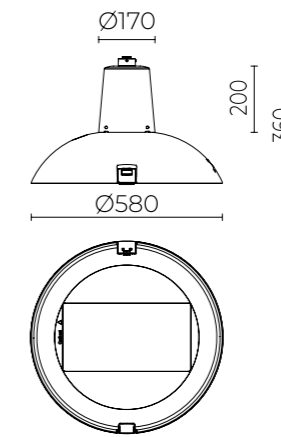
**Themelio**  
Parete / Wall



SMALL



MEDIUM



**DATI TECNICI / TECHNICAL DATA**

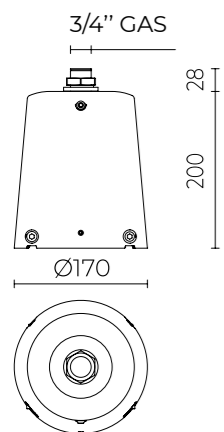
**Installazione / Installation:**  
parete / wall-mounted



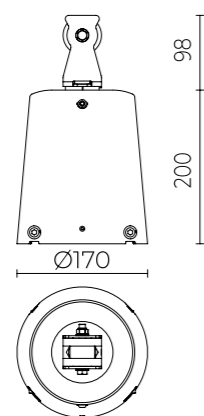
**Themelio**  
Parete / Wall

COMPLEMENTI E BRACCI / ACCESSORIES AND ARMS

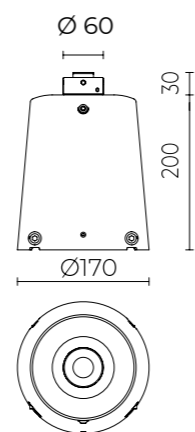
**01TH900C0**  
Sospensione 3/4" GAS  
3/4" GAS suspension



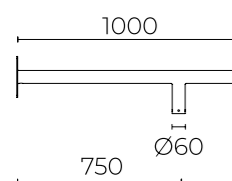
**01TH903C0**  
Sospensione carrucola  
Pulley suspension



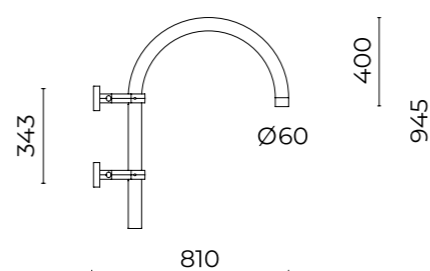
**01TH904C0**  
Sospensione per bracci  
Suspension for arms

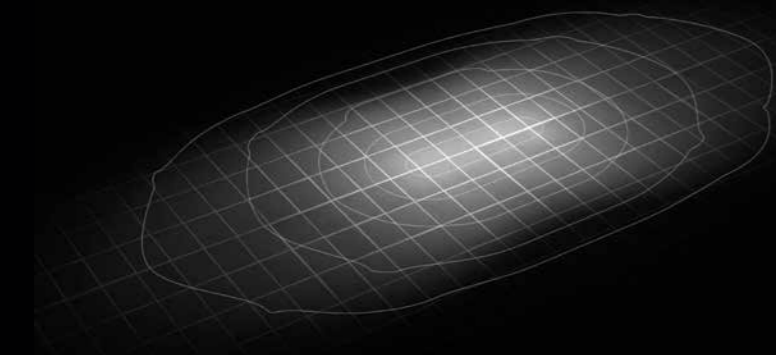


**01AK983C0**  
B207-P - Kit attacco a parete sospensione  
Suspension wall-mounting kit



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



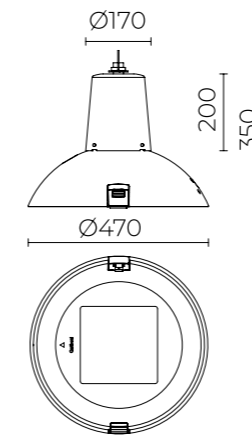


## Themelio

Soffitto / Ceiling



### SMALL



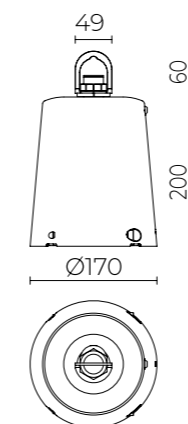
### DATI TECNICI / TECHNICAL DATA

**Installazione / Installation:**  
sottoportico /arcade

### COMPLEMENTI / ACCESSORIES

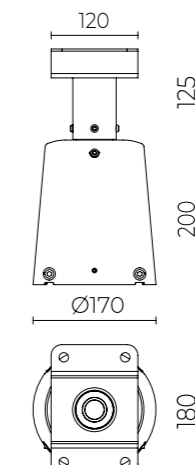
#### 01TH902C0

**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.

220 240V	50 60Hz	CL II	IP66	IK09	ta -30°C +50°C
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#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio / Fitting flux:**  
1300 - 5945 lm

**Potenza apparecchio / Fitting power:**  
9,5 - 40 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

#### STATIC WHITE LIGHT

- 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

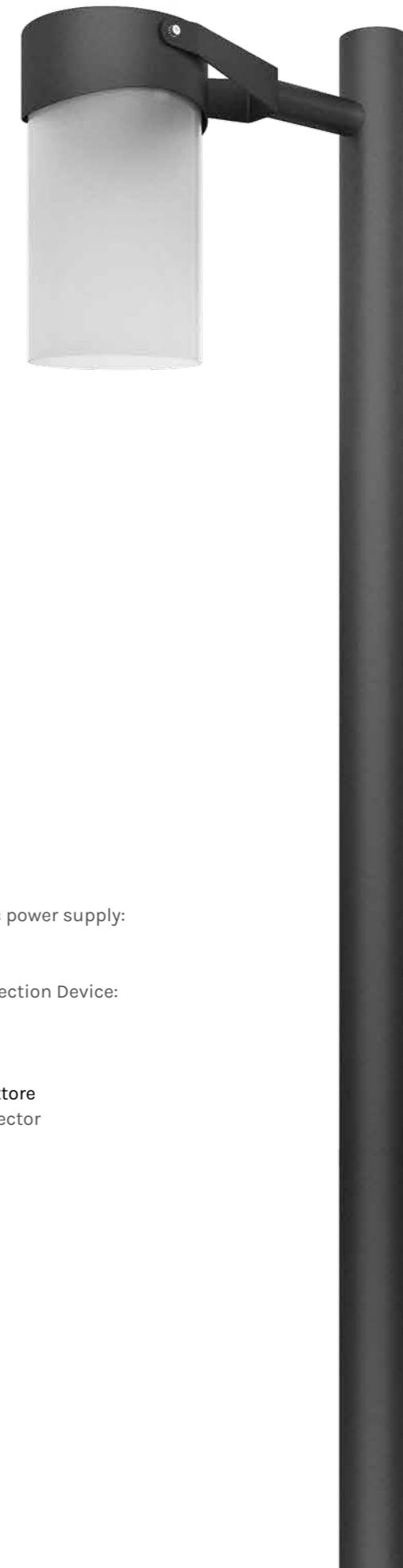
**Peso massimo / Max weight:**  
4,5 kg

**Alimentazione elettronica / Electronic power supply:**  
inclusa / included

**Resistenza sovratensioni / Surge Protection Device:**  
10 kV MC / 12 kV MD

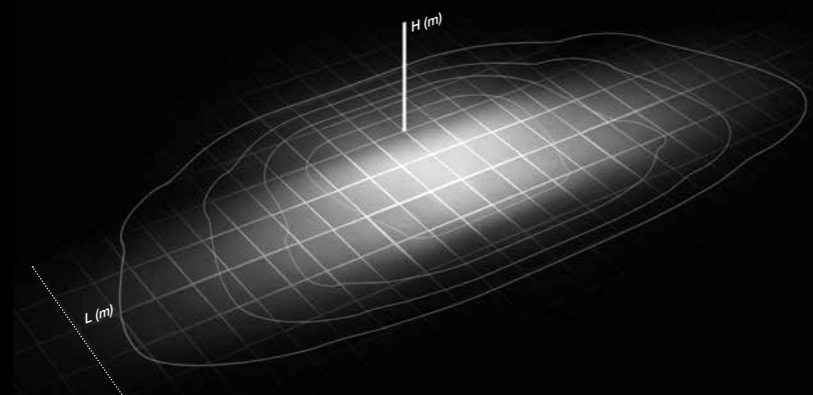
**Precablaggio / Pre-wiring:**  
prodotto pre-cablato con cavo e connettore  
pre-wired product with cable and connector

**Installazione / Installation:**  
lato palo / pole side

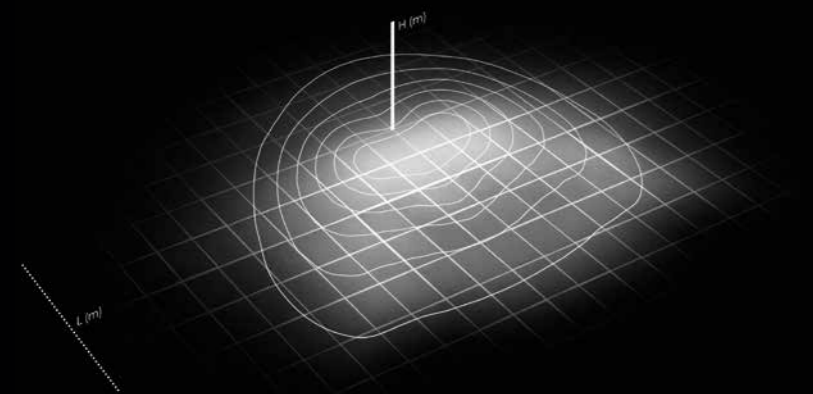


OTTICHE / OPTICS

ME-05 Medium Street  
L / H = 1

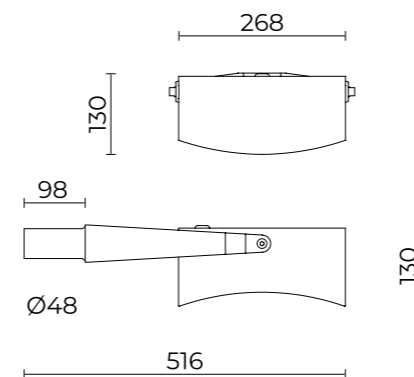


LT-64 Asymmetric Beam with backlight  
L / H = 2



Nodea

Lato palo / Pole side



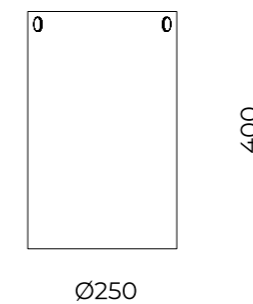
DATI TECNICI / TECHNICAL DATA

**Installazione / Installation:**  
braccio Ø 48 mm / arm Ø 48 mm

**Inclinazione / Inclination:**  
regolazione continua / continuous adjustment

COMPLEMENTI / ACCESSORIES

**06ND901Y0**  
**Diffusore policarbonato trasparente**  
Transparent polycarbonate diffuser



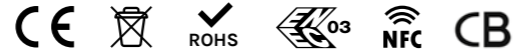
# ORAO



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.

220 240V	50 60Hz	CL II	IP66	IK09	ta -30°C +50°C
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#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio** / Fitting flux:  
1300 (2700 K) - 17990 lm

**Potenza apparecchio** / Fitting power:  
9,5 - 116 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

#### STATIC WHITE LIGHT

- 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

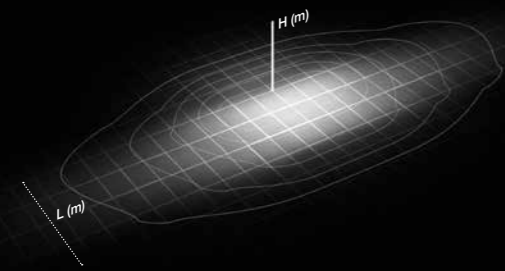
**Resistenza sovratensioni** / Surge Protection Device:  
10 kV MC / 12 kV MD

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

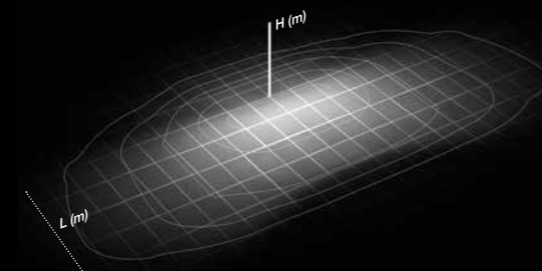
**Installazione** / Installation:  
lato palo, sospensione tesata, parete, sottoportico  
pole side, string suspension, wall, arcade

OTTICHE / OPTICS

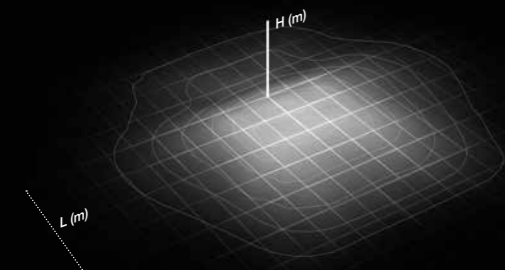
ST-02 Narrow Street  
L / H = 0,75



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



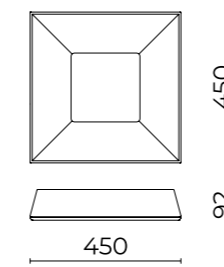
LT-63 Asymmetric Beam  
L / H = 2



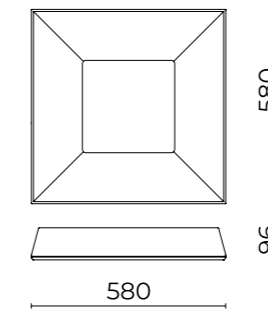
Orao  
Lato palo / Pole side



SMALL



MEDIUM



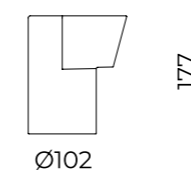
DATI TECNICI / TECHNICAL DATA

Installazione / Installations:

con accessorio 010R901C0 su pali Ø 102 mm;  
con bracci su pali Ø 60 - 76 - 102 mm / with  
accessory 010R901C0 on poles Ø 102 mm; with  
arms for poles Ø 60 - 76 - 102 mm

010R901C0

B96 - Attacco testa palo Ø 60 mm H 90 mm  
Joint for post top Ø 60 mm H 90 mm

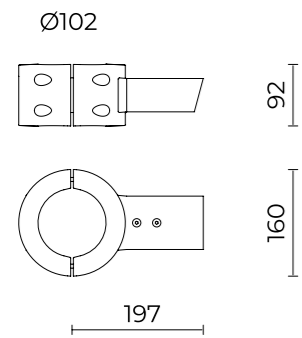


Orao

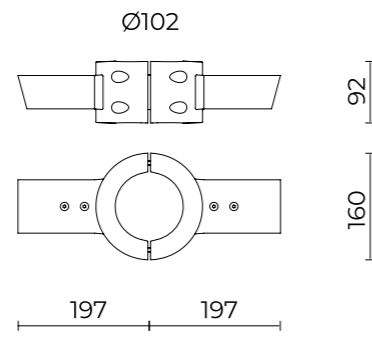
Lato palo / Pole side

BRACCI / ARMS

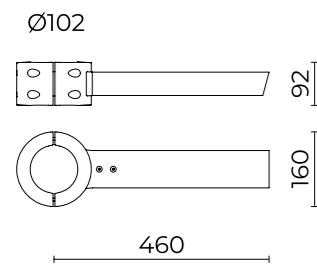
**01OR904CO**  
**B99 - Braccio rettangolare**  
Rectangular arm



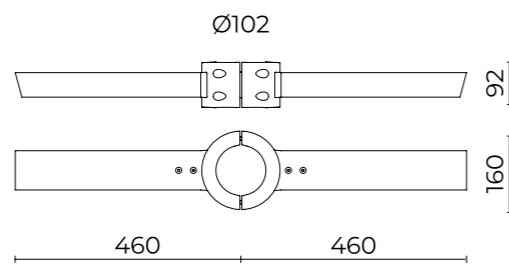
**01OR905CO**  
**B100 - Braccio doppio rettangolare**  
Rectangular double arm



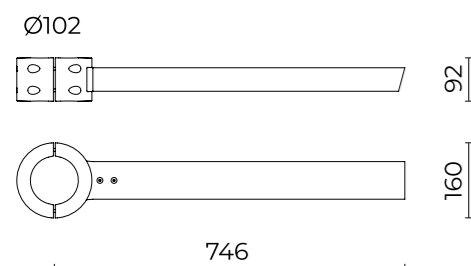
**01OR906CO**  
**B101 - Braccio rettangolare**  
Rectangular arm



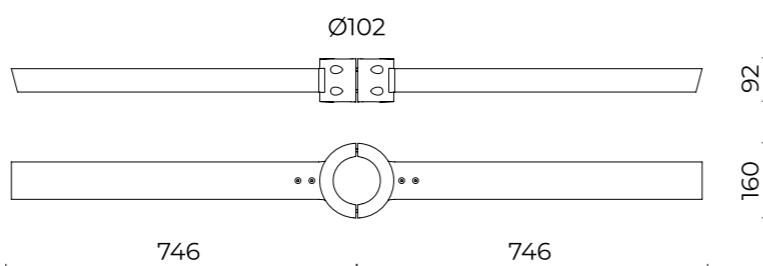
**01OR907CO**  
**B102 - Braccio doppio rettangolare**  
Rectangular double arm



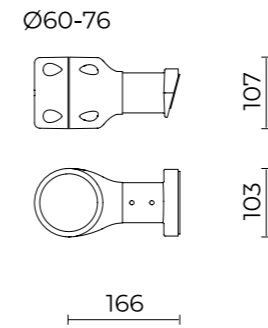
**01OR908CO**  
**B103 - Braccio rettangolare**  
Rectangular arm



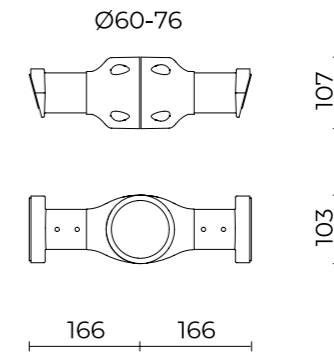
**01OR909CO**  
**B104 - Braccio doppio rettangolare**  
Rectangular double arm



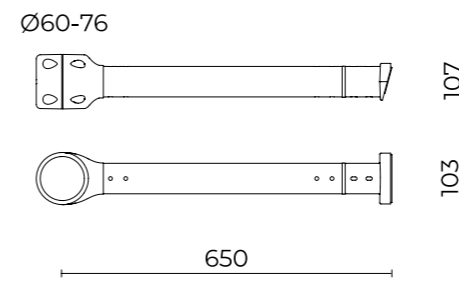
**01OR911CO**  
**B106 - Braccio tubolare**  
Tubular arm



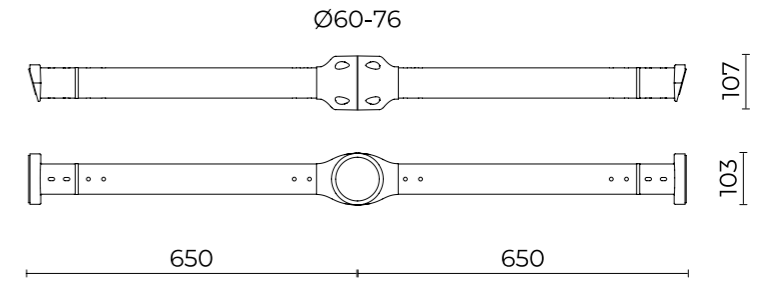
**01OR912CO**  
**B107 - Braccio doppio tubolare**  
Tubular double arm



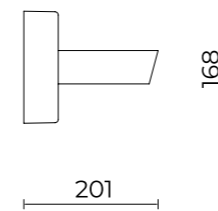
**01OR913CO**  
**B108 - Braccio tubolare**  
Tubular arm



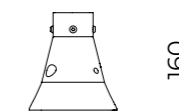
**01OR914CO**  
**B109 - Braccio doppio tubolare**  
Tubular double arm



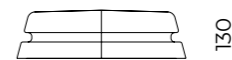
**01OR903CO**  
**B98-P - Braccio parete**  
Arm for wall



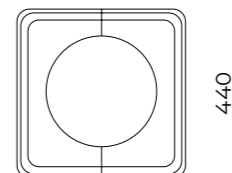
**01OR916CO**  
**B83 - Attacco sospensione pastorale**  
Kit for suspension on curved arm



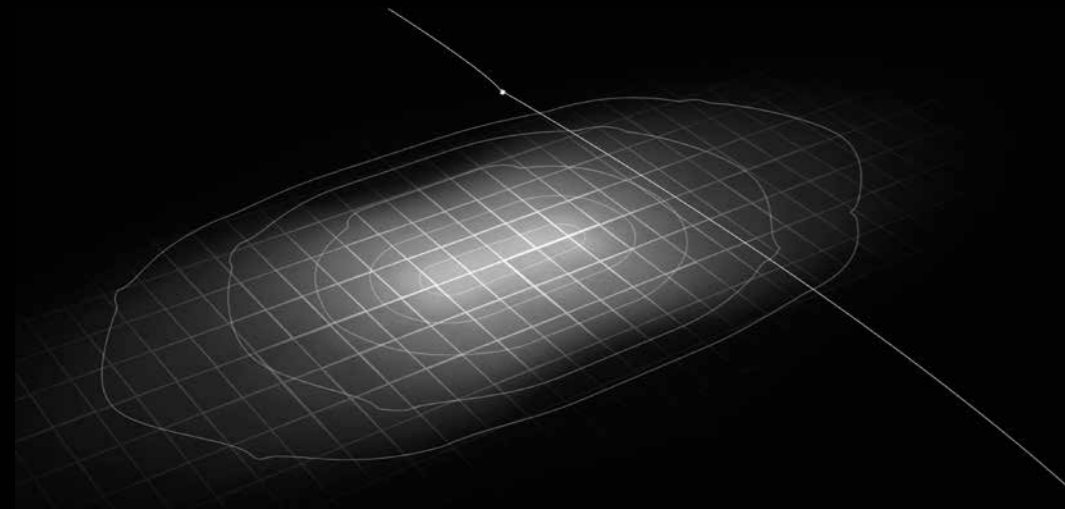
**AK9002CC**  
**Copertura base palo Ø76 Sablé 100 /**  
Cover pole Ø76 Sablé 100



**AK9004CC**  
**Copertura base palo Ø102 Sablé 100 /**  
Cover pole Ø102 Sablé 100



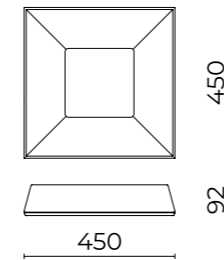




**Orao**  
Sospensione tesata  
String suspension



## SMALL



## DATI TECNICI / TECHNICAL DATA

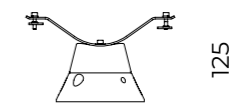
**Installazione** / Installation:  
sospensione tesata / string suspension

**Inclinazione** / Inclination:  
orizzontale  $\pm 15^\circ$  / horizontal  $\pm 15^\circ$

**Orientabilità** / Adjustability:  
 $0^\circ \div 360^\circ$

## COMPLEMENTI / ACCESSORIES

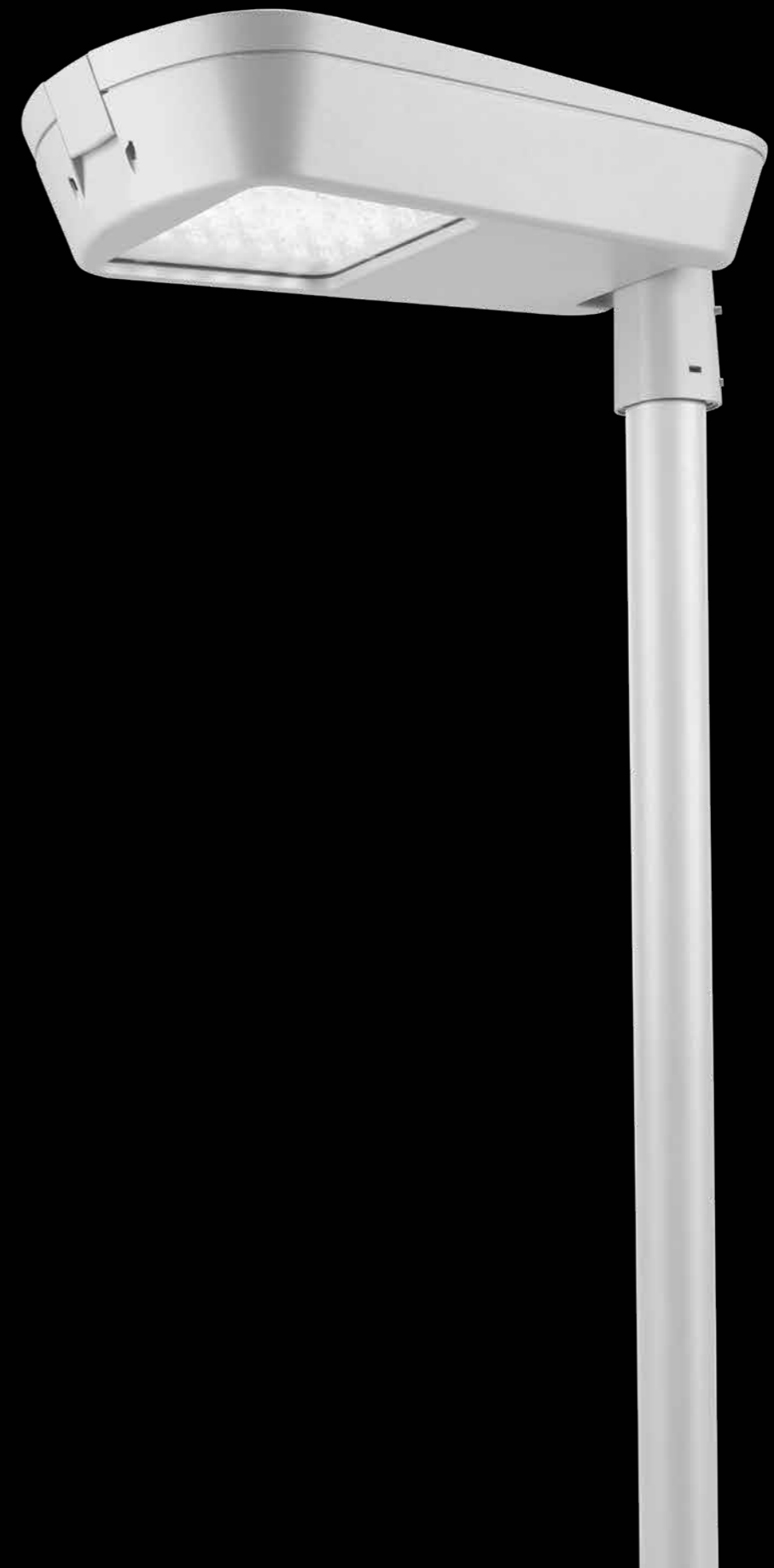
**01OR915CO**  
**B82 - Kit sospensione fune tesata  $\varnothing 6 \div 12$  mm**  
Suspension kit for string  $\varnothing 6 \div 12$  mm



# KYROS

Gamma di armature stradali altamente performante sia in termini di qualità della distribuzione luminosa che di efficienza energetica.

Street fixtures with LED sources suitable for lighting junctions, high traffic density urban and extra urban roads, roundabouts, outdoor car parks, perimeter, large areas and pedestrian-cycle paths.



220 240V	50 60Hz	CL II	IP66	IK09	ta -30°C +50°C
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#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio** / Fitting flux:  
1235 (2700 K)- 29665 lm

**Potenza apparecchio** / Fitting power:  
9,5 - 191 W

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

**Illuminazione intelligente** / Smart lighting:  
mezzanotte virtuale, DALI. Su richiesta ZHAGA UP & DOWN,  
NEMA UP, CLO / virtual midnight, DALI. On request ZHAGA  
UP & DOWN, NEMA UP, CLO

#### STATIC WHITE LIGHT

- 2700 K
- 3000 K
- 4000 K

#### 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:  
lenti in 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

- RAL 9006

#### CARATTERISTICHE / FEATURES

**Peso massimo** / Max weight:  
6,7 kg (small); 8,5 kg (medium)

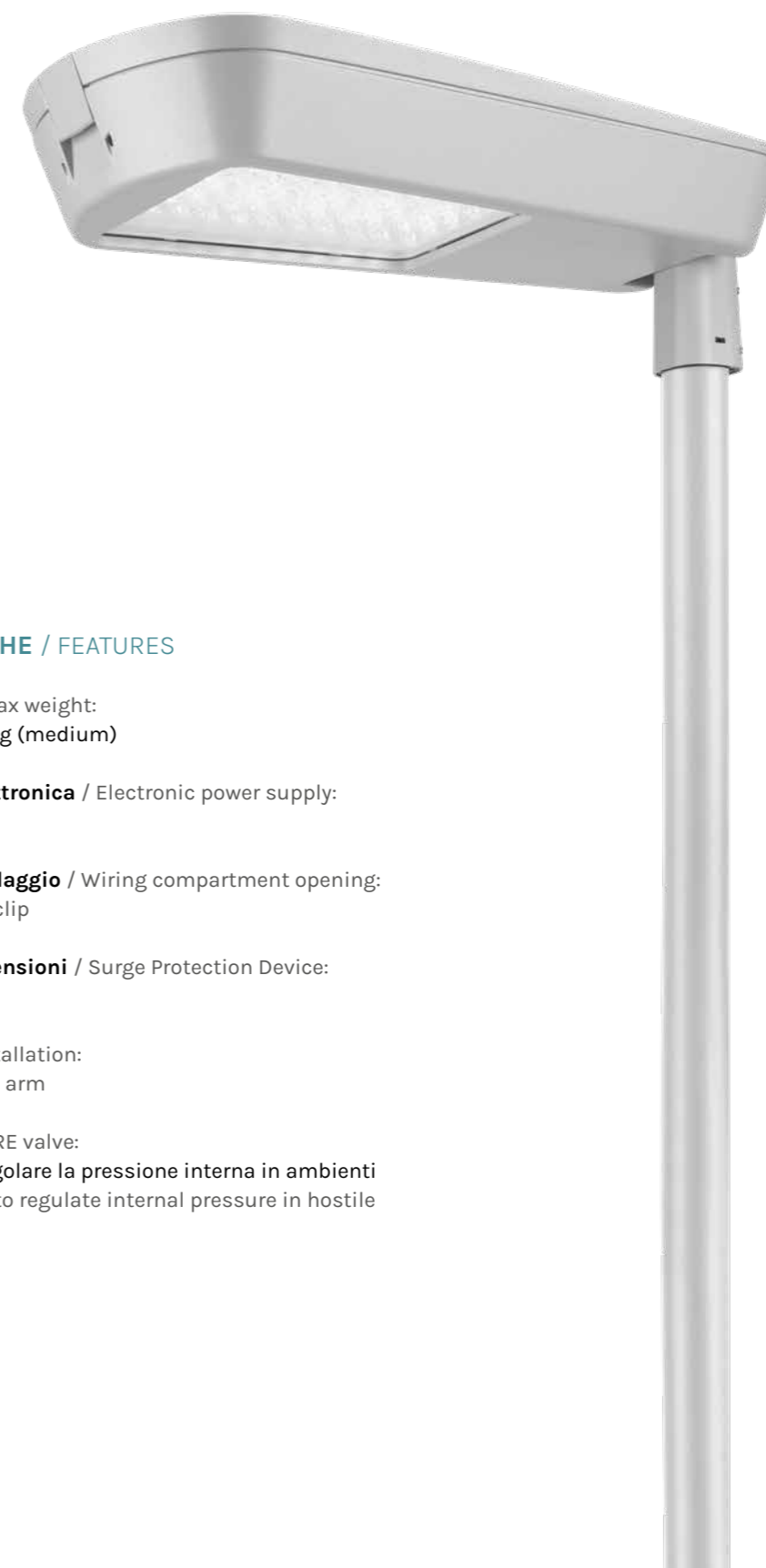
**Alimentazione elettronica** / Electronic power supply:  
inclusa / included

**Apertura vano cablaggio** / Wiring compartment opening:  
mediante clip / by clip

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

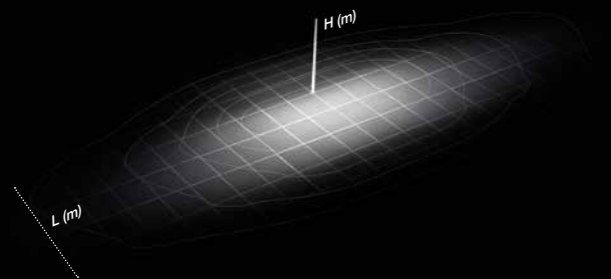
**Installazione** / Installation:  
palo, braccio / pole, arm

**Valvola GORE** / GORE valve:  
su richiesta, per regolare la pressione interna in ambienti  
ostili / on request, to regulate internal pressure in hostile  
environments

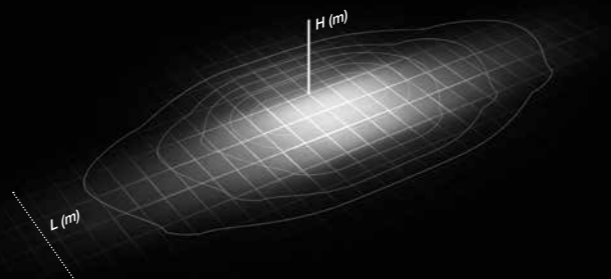


OTTICHE / OPTICS

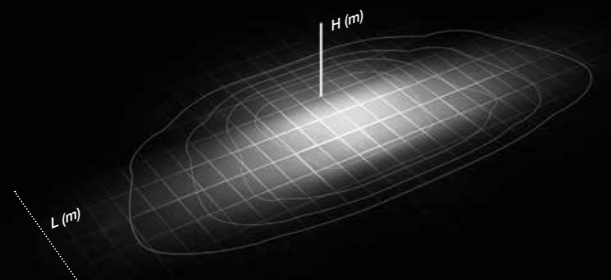
LT-C1 Cycle Path  
L / H = 0,5



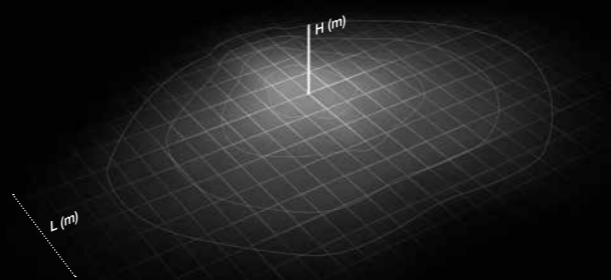
ST-02 Narrow Street  
L / H = 0,75



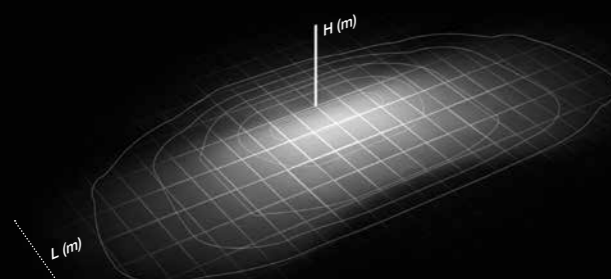
ME-05 Medium Street  
L / H = 1



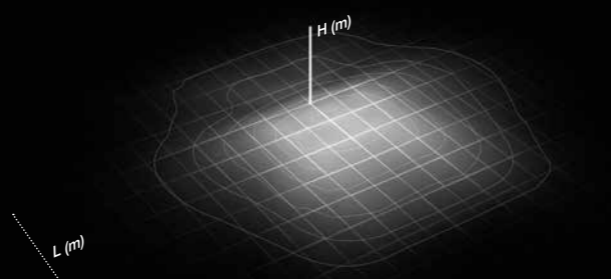
PB-01 Low Pole  
L / H = 2



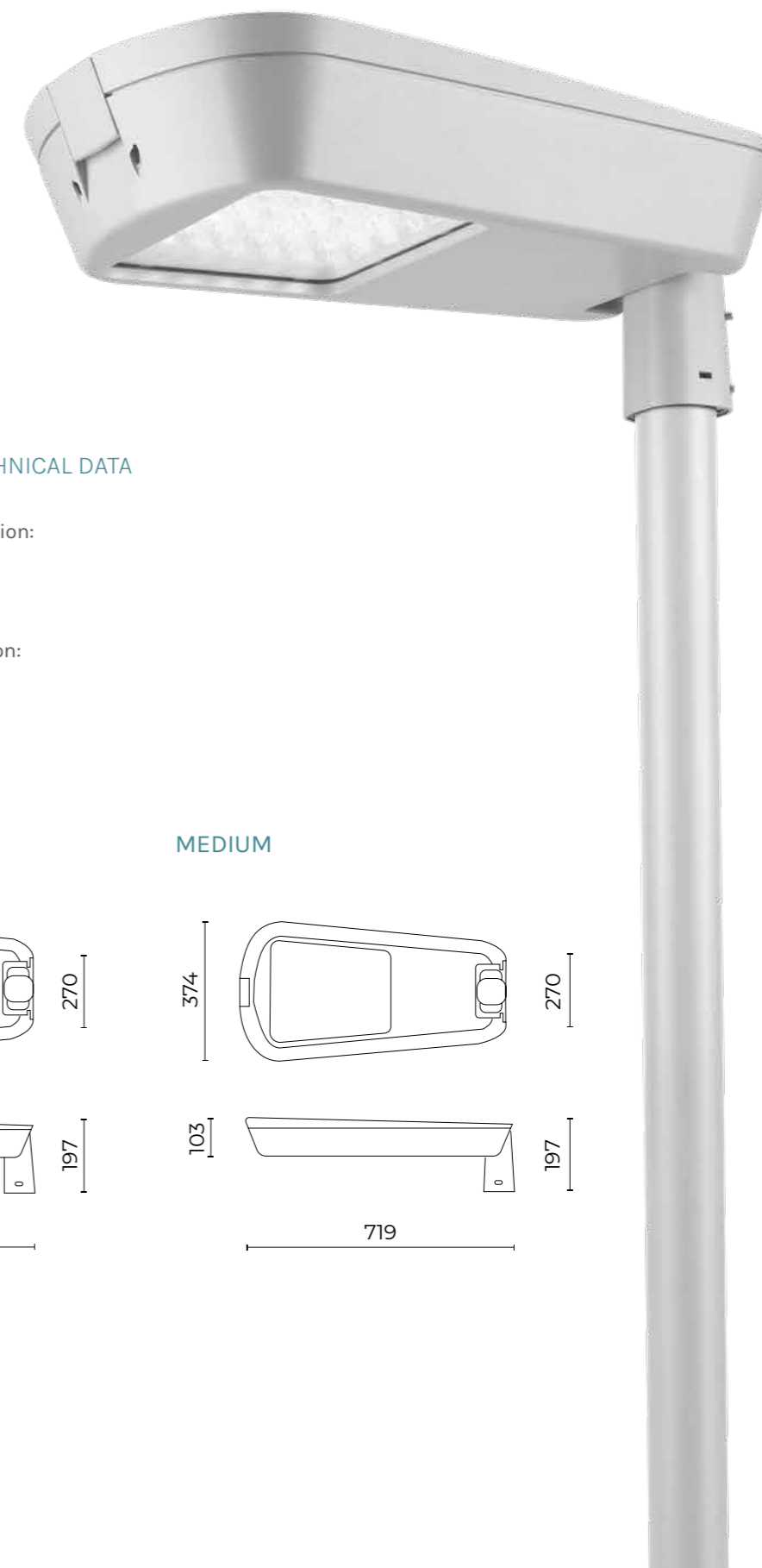
LA-03 Wide Street  
L / H = 1,25



LT-63 Asymmetric Beam  
L / H = 2



**Kyros**  
Palo / Pole

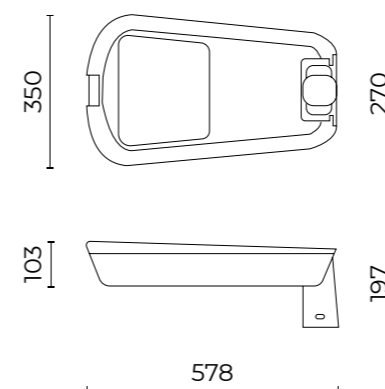


**DATI TECNICI / TECHNICAL DATA**

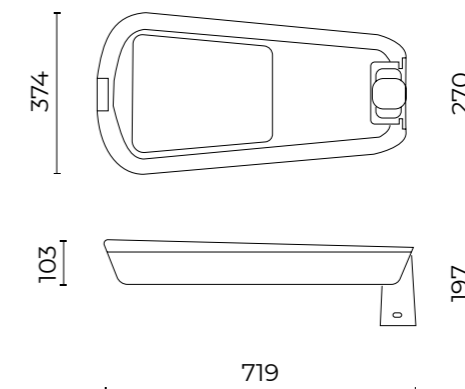
**Installazione / Installation:**  
pali Ø 46 - 60 mm  
poles Ø 46 - 60 mm

**Inclinazione / Inclination:**  
0° + 20° (con passo 5°)  
0° + 20° (step 5°)

**SMALL**

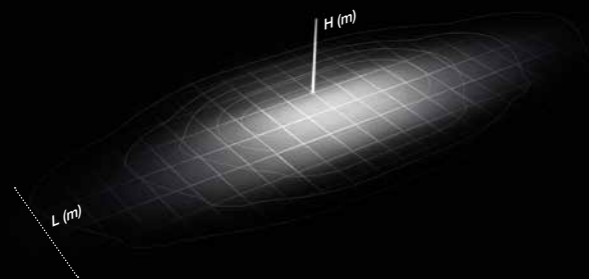


**MEDIUM**

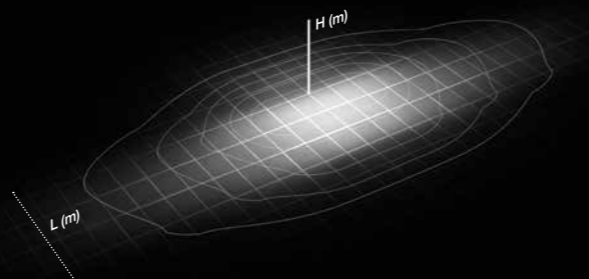


OTTICHE / OPTICS

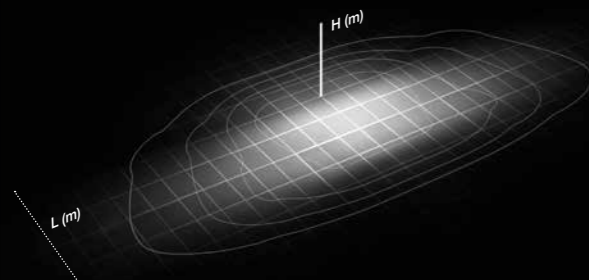
LT-C1 Cycle Path  
L / H = 0,5



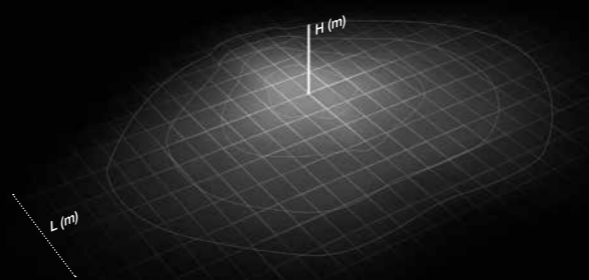
ST-02 Narrow Street  
L / H = 0,75



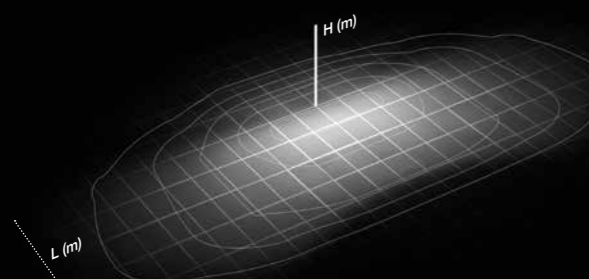
ME-05 Medium Street  
L / H = 1



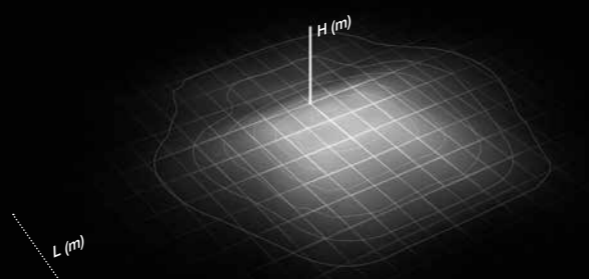
PB-01 Low Pole  
L / H = 2



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



LT-63 Asymmetric Beam  
L / H = 2



**Kyros**

Braccio - Parete /  
Arm - Wall

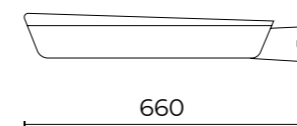


**DATI TECNICI / TECHNICAL DATA**

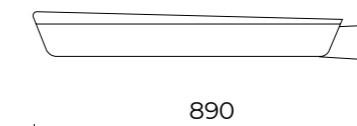
**Installazione / Installation:**  
pali Ø 46 - 60 mm  
poles Ø 46 - 60 mm

**Inclinazione / Inclination:**  
0° ÷ 20° (con passo 5°)  
0° ÷ 20° (step 5°)

**SMALL**

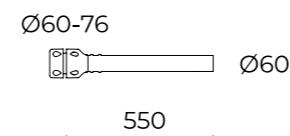


**MEDIUM**

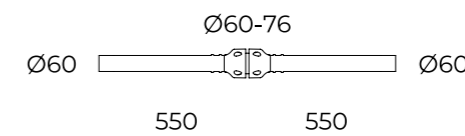


**BRACCI / ARMS**

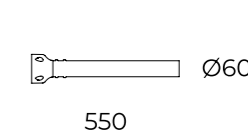
**01AK921A0 - RAL9006**  
**B1 - Braccio per pali**  
Arm for poles



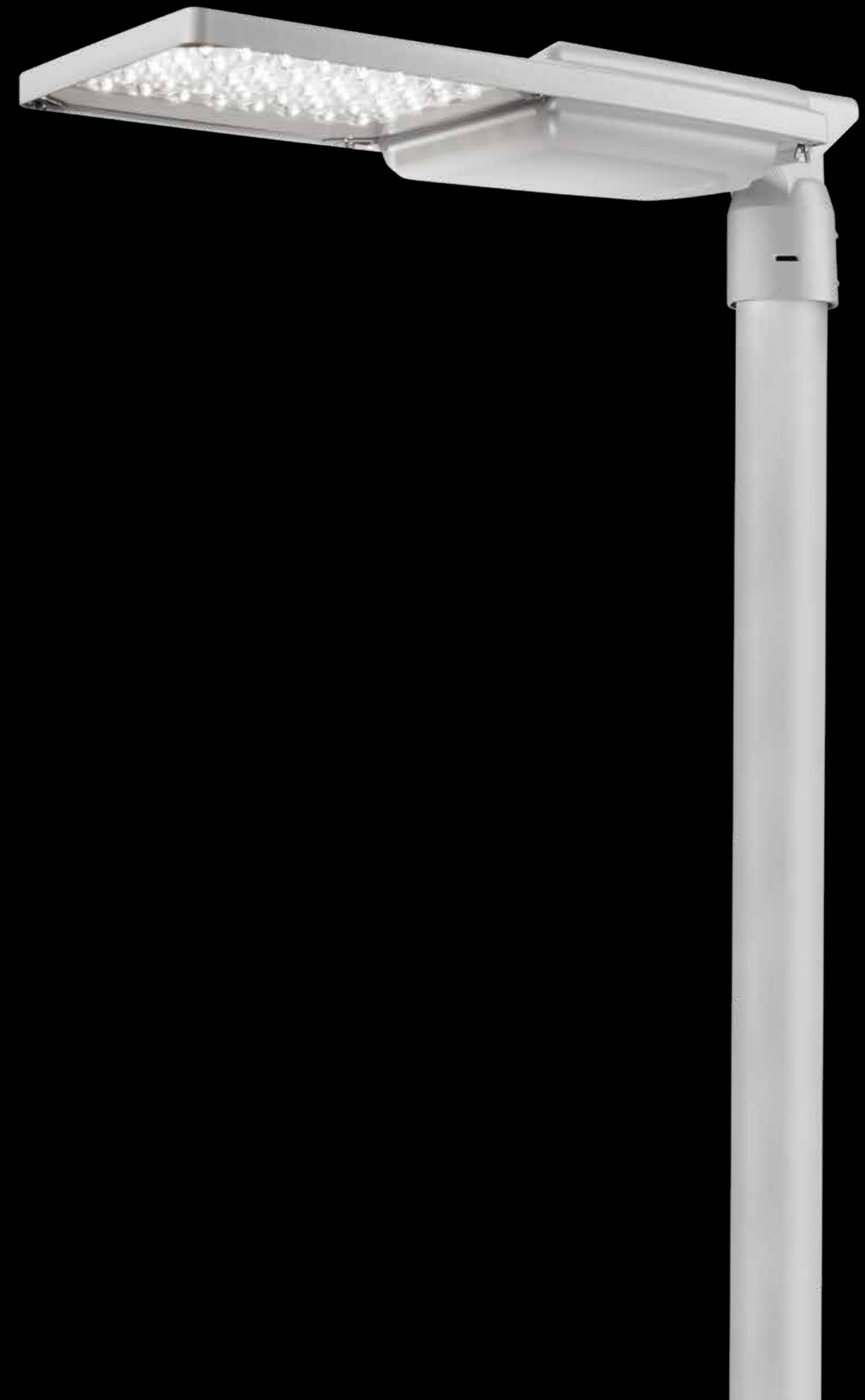
**01AK922A0 - RAL9006**  
**B2 - Braccio doppio per pali**  
Double arm for poles



**01AK951A0 - RAL9006**  
**B1-P - Braccio parete**  
Arm for wall

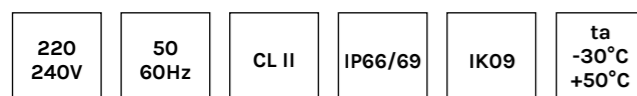


# KOINÈ



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.



#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio / Fitting flux:**  
1075 (1800 K) - 23805 lm

**Potenza apparecchio / Fitting power:**  
9,5 - 153 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

#### 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

#### STATIC WHITE LIGHT

-  2700 K
-  3000 K
-  4000 K

#### BLUE FREE LIGHT

-  1800 K
-  PC-AMBER

#### DYNAMIC WHITE LIGHT

-  1800 K / 3000 K

#### COLORI / COLOURS

-  RAL9006



#### 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

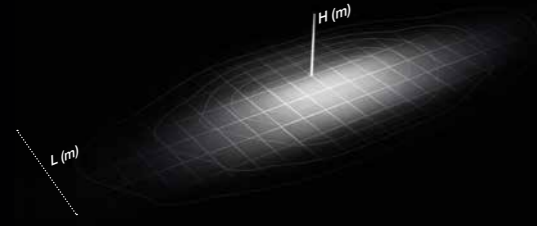
**Resistenza sovratensioni / Surge Protection Device:**  
10 kV MC/MD

**Accesso vano cablaggio / Wiring compartment opening:**  
senza utensili / without tools

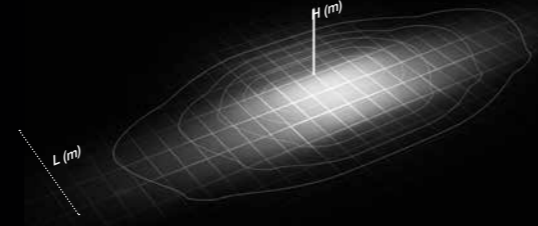
**Installazione / Installation:**  
palo, braccio / pole, arm

OTTICHE / OPTICS

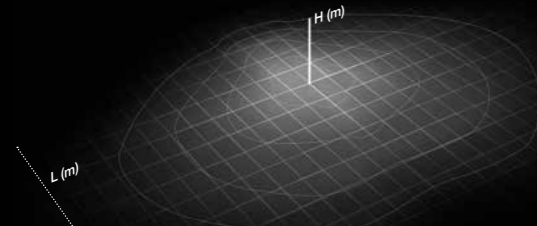
LT-C1 Cycle Path  
L / H = 0,5



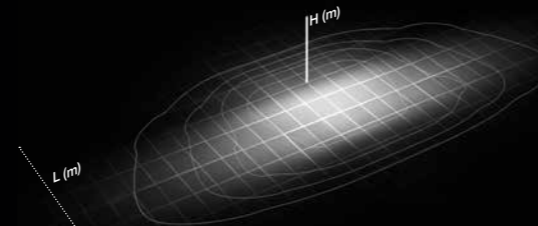
ST-02 Narrow Street  
L / H = 0,75



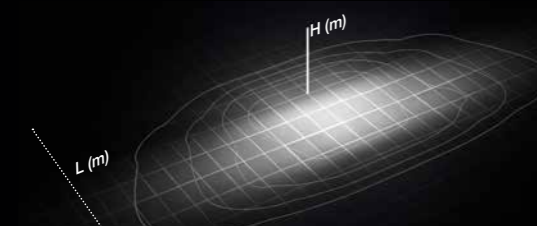
PB-01 Low Pole  
L / H = 2



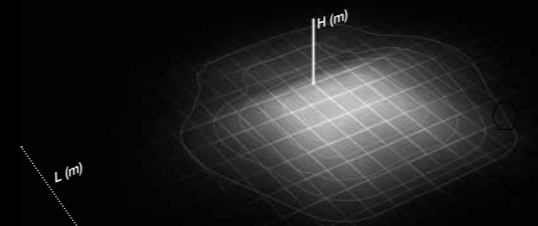
ME-05 Medium Street  
L / H = 1



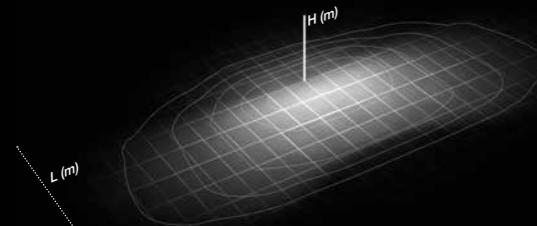
ME-06 Medium Street with sidewalk  
L / H = 1



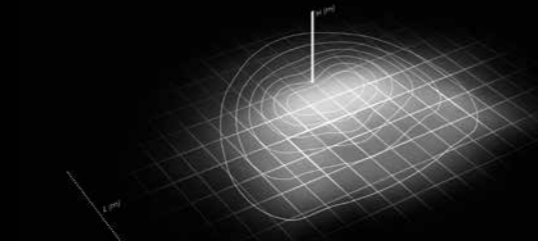
LT-63 Asymmetric Beam  
L / H = 2



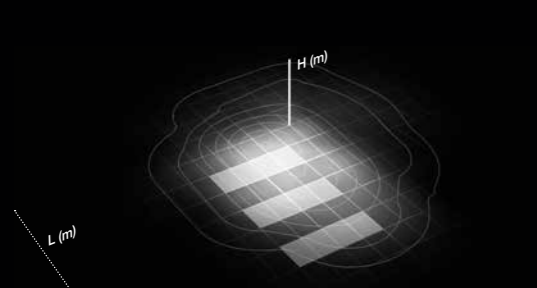
LA-03 Wide Street  
L / H = 1,25



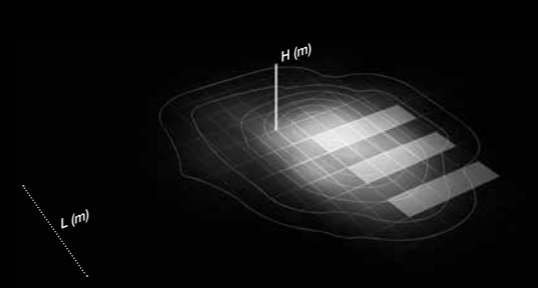
LT-64 Asymmetric Beam with backlight  
L/H = 2



AP-D2 Pedestrian Crossing



AP-S2 Pedestrian Crossing



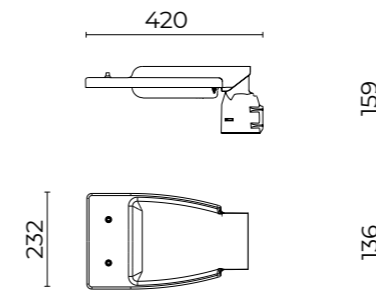
Koinè  
Palo / Pole

DATI TECNICI / TECHNICAL DATA

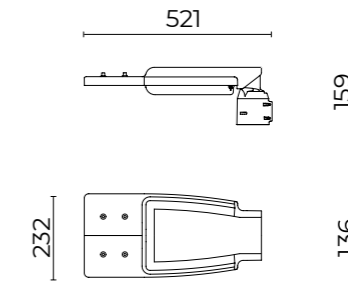
**Installazione / Installation:**  
pali Ø 46 - 60 - 76 mm  
poles Ø 46 - 60 - 76 mm

**Inclinazione / Inclination:**  
0° ÷ 90° (con passo 5°)  
0° ÷ 90° (step 5°)

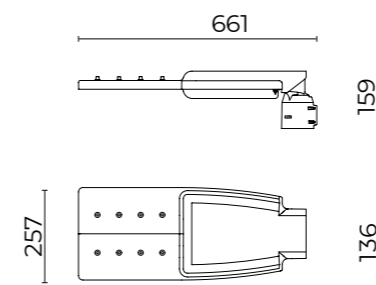
X-SMALL



SMALL

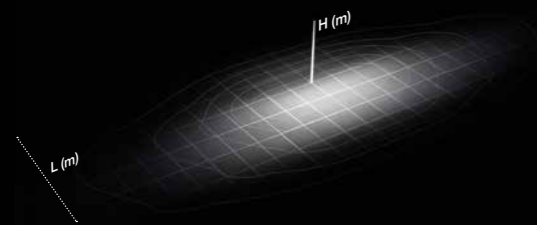


MEDIUM

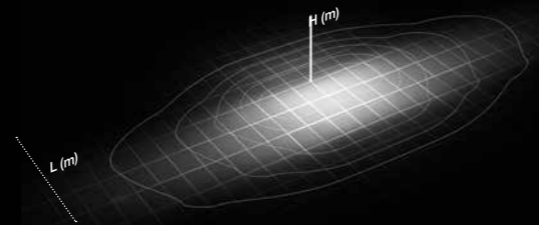


OTTICHE / OPTICS

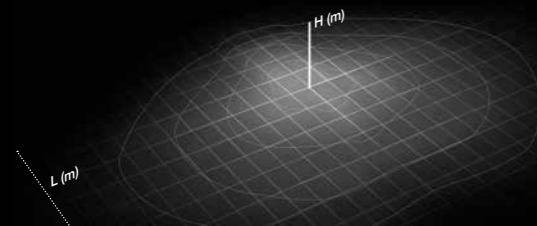
LT-C1 Cycle Path  
L / H = 0,5



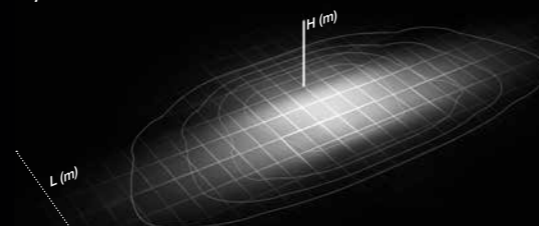
ST-02 Narrow Street  
L / H = 0,75



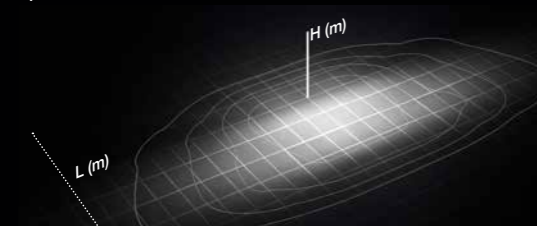
PB-01 Low Pole  
L / H = 2



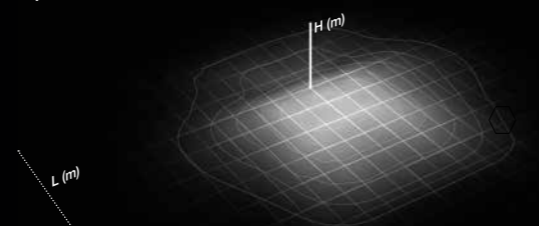
ME-05 Medium Street  
L / H = 1



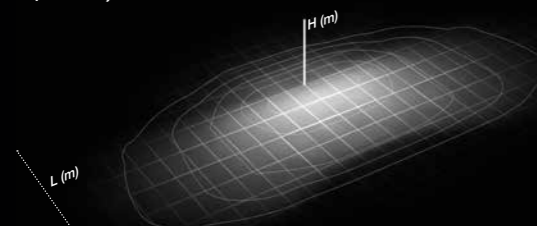
ME-06 Medium Street with sidewalk  
L / H = 1



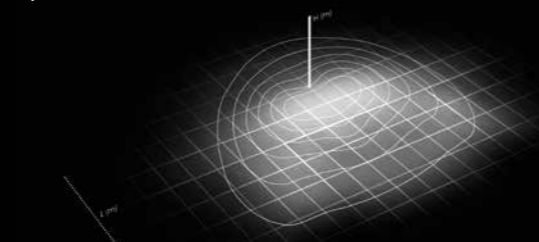
LT-63 Asymmetric Beam  
L / H = 2



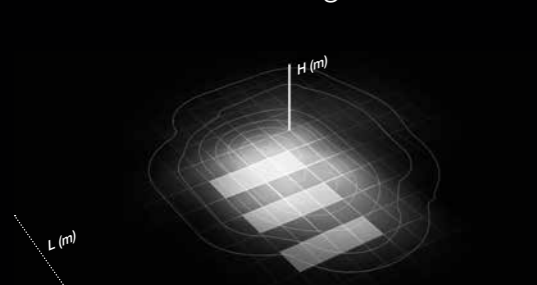
LA-03 Wide Street  
L / H = 1,25



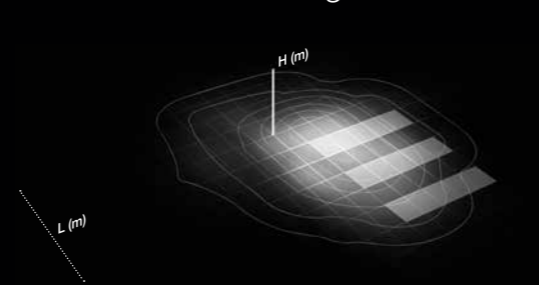
LT-64 Asymmetric Beam with backlight  
L/H = 2



AP-D2 Pedestrian Crossing



AP-S2 Pedestrian Crossing



Koinè

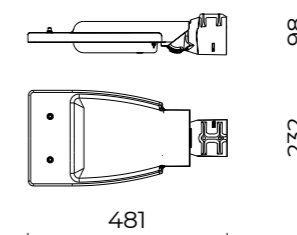
Braccio - Parete / Arm - Wall

DATI TECNICI / TECHNICAL DATA

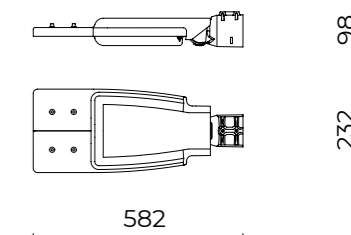
Installazione / Installation:  
bracci Ø 46 - 60 - 76 mm  
arms Ø 46 - 60 - 76 mm

Inclinazione / Inclination:  
0° ÷ -90° (con passo 5°)  
0° ÷ -90° (step 5°)

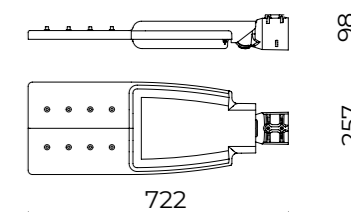
X-SMALL



SMALL



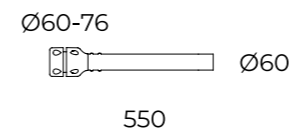
MEDIUM



BRACCI / ARMS

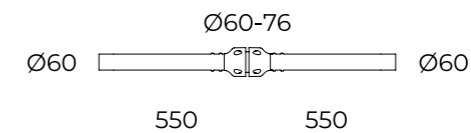
01AK921A0 - RAL9006

B1 - Braccio per pali  
Arm for poles



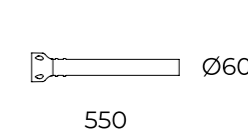
01AK922A0 - RAL9006

B2 - Braccio doppio per pali  
Double arm for poles

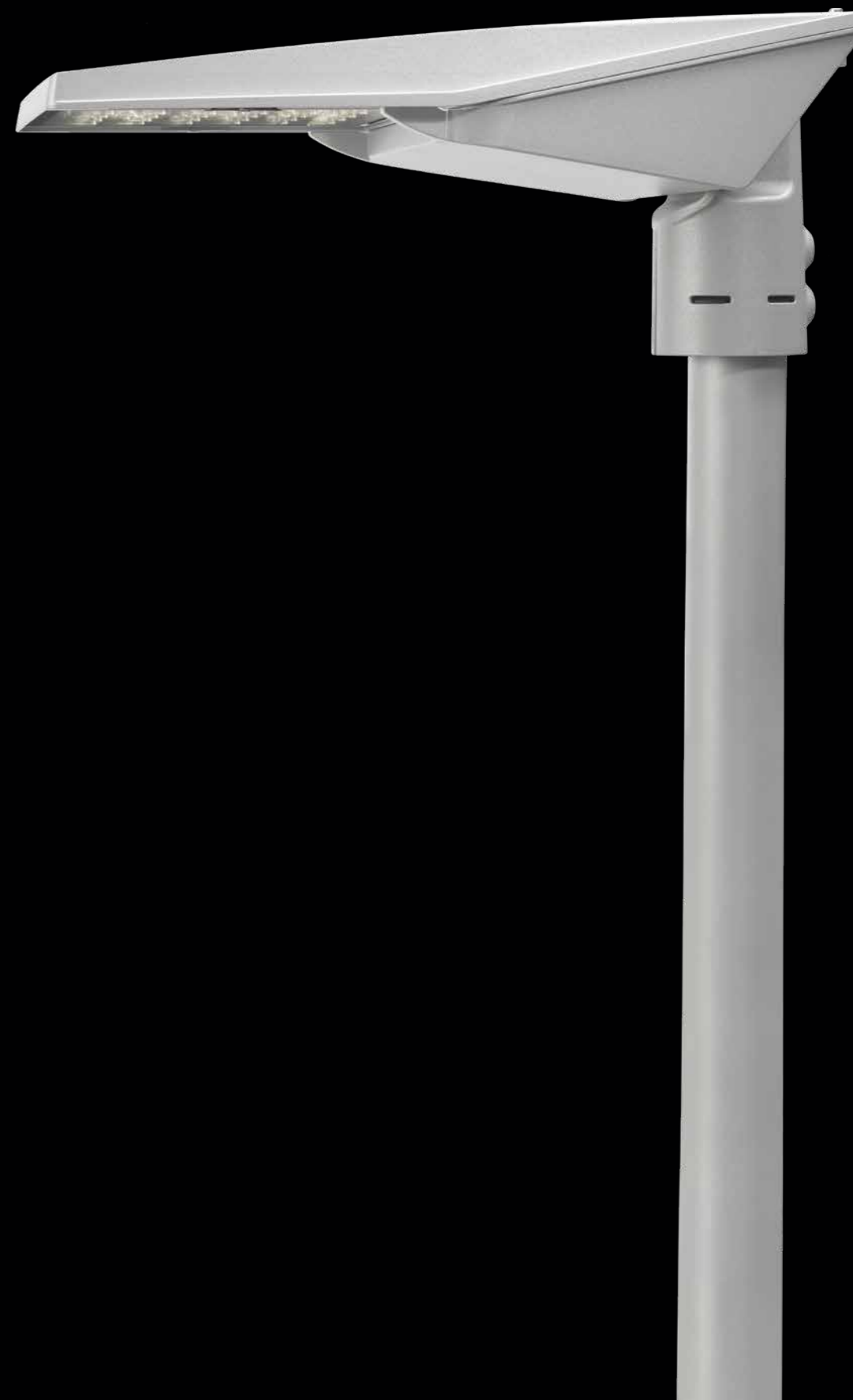


01AK951A0 - RAL9006

B1-P - Braccio parete  
Arm for wall

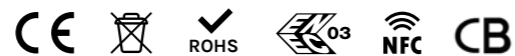
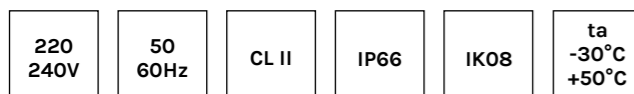


# KAIROS



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.



#### DATI PRESTAZIONALI / PERFORMANCE DATA

**Flusso apparecchio** / Fitting flux:  
1300 (2700K) - 30950 lm

**Potenza apparecchio** / Fitting power:  
9,5 - 190 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

#### STATIC WHITE LIGHT

- 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)

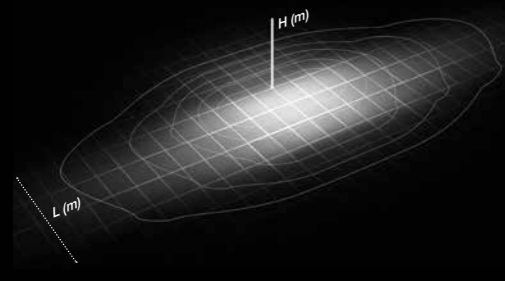
**Alimentazione elettronica** / Electronic power supply:  
inclusa / included

**Resistenza sovratensioni** / Surge Protection Device:  
10 kV MC / 12 kV MD

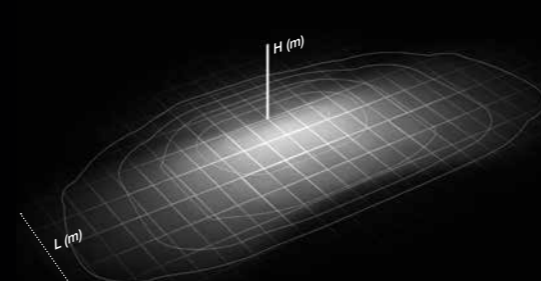
**Installazione** / Installation:  
palo, braccio / pole, arm



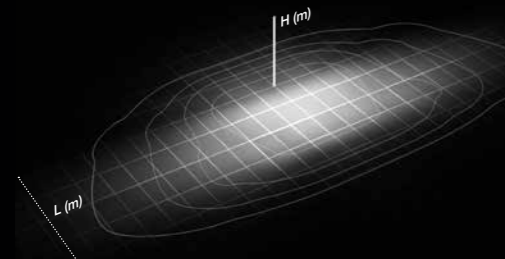
ST-02 Narrow Street  
L / H = 0,75



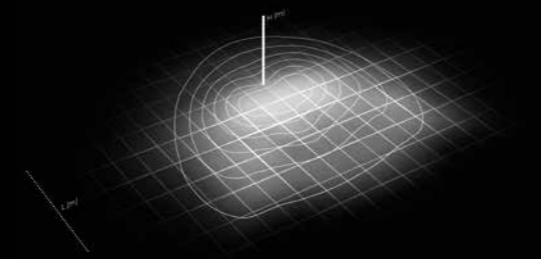
LA-03 Wide Street  
L / H = 1,25



ME-05 Medium Street  
L / H = 1



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



## Kairos

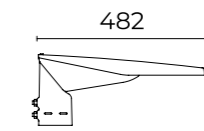
Palo - Braccio / Pole - Arm

### DATI TECNICI / TECHNICAL DATA

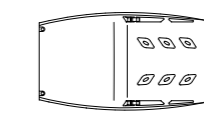
**Installazione / Installation:**  
pali Ø 46 - 60 - 76 mm  
poles Ø 46 - 60 - 76 mm

**Inclinazione / Inclination:**  
0° + 20° (con passo 5°)  
0° + 20° (step 5°)

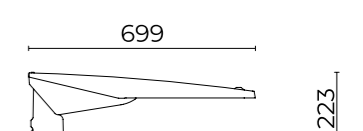
#### SMALL



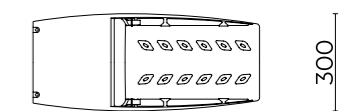
Ø46-60-76



#### MEDIUM



Ø46-60-76

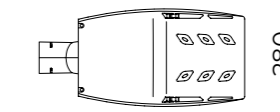


### Braccio Parete / Arm wall

**Inclinazione / Inclination:**  
0° + 20° (con passo 5°)  
0° + 20° (step 5°)

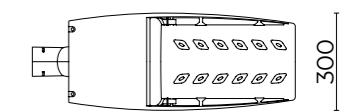
#### SMALL

Ø46-60-76



#### MEDIUM

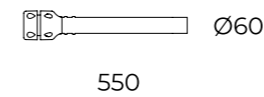
Ø46-60-76



### BRACCI / ARMS

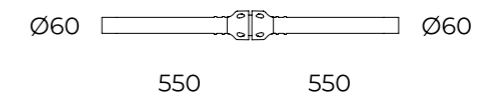
**01AK921A0 - RAL9006**  
**B1 - Braccio per pali**  
Arm for poles

Ø60-76

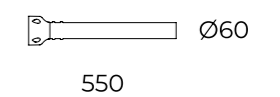


**01AK922A0 - RAL9006**  
**B2 - Braccio doppio per pali**  
Double arm for poles

Ø60-76



**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.

ALBAVILLA  
Italy





(\*) Le versioni large alla massima potenza sono 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:**  
CRI ≥ 70/80, SDCM ≤ 3  
CRI ≥ 90 5700 K (Newton Large: su richiesta / on request)

**Illuminazione intelligente / Smart lighting:**  
mezzanotte virtuale, DALI e opzione emergenza (standard nella versione large). Su richiesta DALI (versioni x-small, small e medium), ZHAGA UP&DOWN, CLO / virtual midnight, DALI and emergency options (standard large version). On request DALI (x-small, small e medium versions), ZHAGA UP&DOWN, CLO

**MATERIALI / MATERIALS**

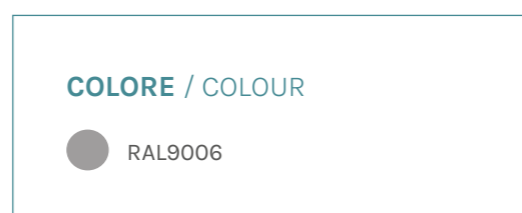
**Corpo / Body:**  
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%) / die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)

**Schermo / Screen:**  
vetro piano temprato / tempered flat glass

**Gruppo ottico / Optical unit:**  
lenti PMMA ad alta trasparenza  
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 (large)



**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

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

**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

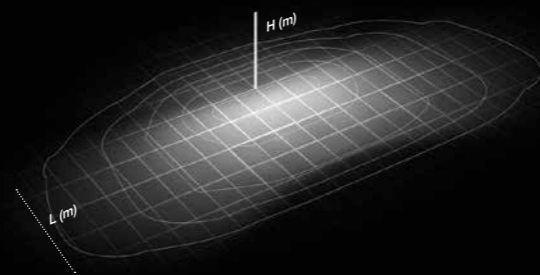
**Resistenza alle pallonate / Safety against ball throwing:**  
le varianti Newton 2.0 medium e large hanno superato il test di resistenza alle pallonate secondo la Norma DIN 18032-3 / the Newton 2.0 medium and large variants have passed the ball throwing test according to DIN 18032-3



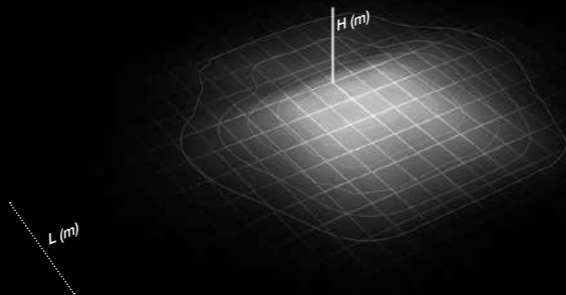
## Newton 2.0

### OTTICHE / OPTICS

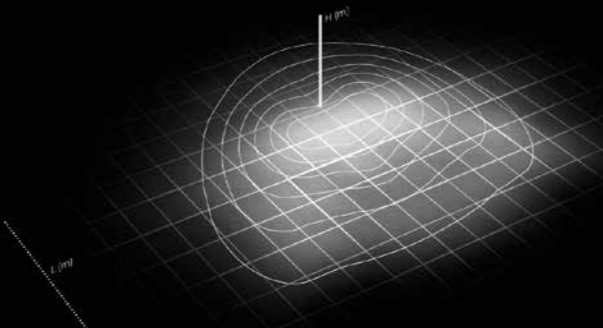
LA-03 Wide street  
L / H = 1,25



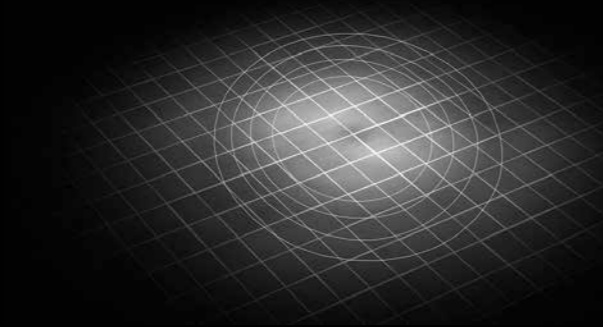
LT-63 Asymmetric beam  
L / H = 2



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



RS-03 Rotosymmetric Beam  
100°



## Newton 2.0

Newton 2.0  
x-small



Newton 2.0  
small



Newton 2.0  
medium



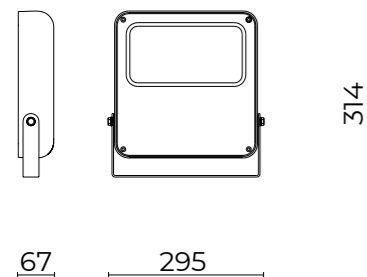
Newton 2.0  
large



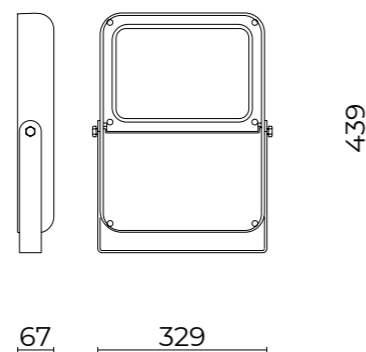
## Newton 2.0

parete, soffitto, palo / wall, ceiling, pole

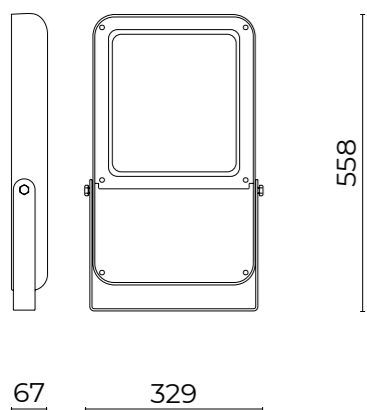
### XSMALL



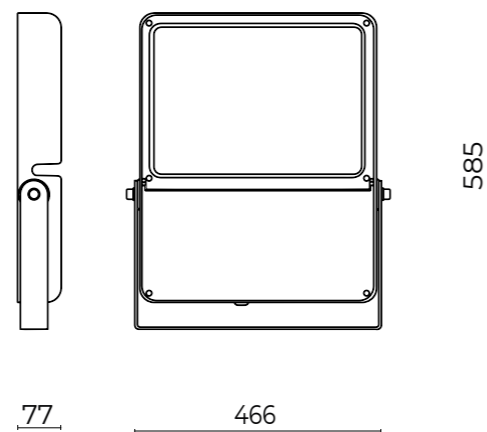
### SMALL



### MEDIUM



### LARGE



### DATI TECNICI / TECHNICAL DATA

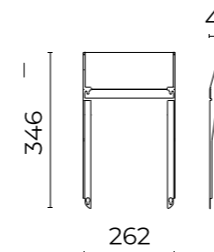
**Installazione / Installation:**  
parete, soffitto, palo / wall, ceiling, pole

**Orientabilità / Orientability:**  
staffa orientabile in regolazione continua -90° + 90°  
continuously adjustable bracket -90° + 90°

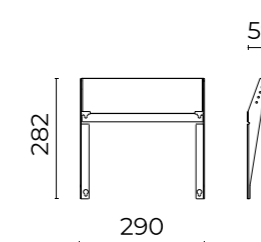


### COMPLEMENTI / ACCESSORIES

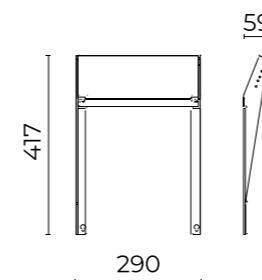
**06NN901B0**  
**B242 Visiera Newton 2.0 x-small, nera RAL9005**  
Visor Newton 2.0 x-small, black RAL9005



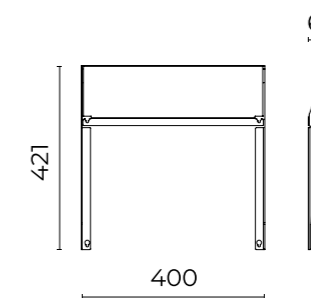
**06NN902B0**  
**B243 Visiera Newton 2.0 small, nero RAL9005**  
Visor Newton 2.0 small, black RAL9005



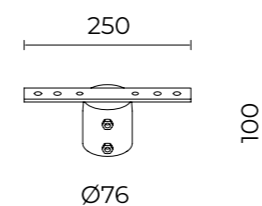
**06NN903B0**  
**B244 Visiera Newton 2.0 medium, nera RAL9005**  
Visor Newton 2.0 medium, black RAL9005



**06NN904B0**  
**B245 Visiera Newton 2.0 large, nera RAL9005**  
Visor Newton 2.0 large, black RAL9005



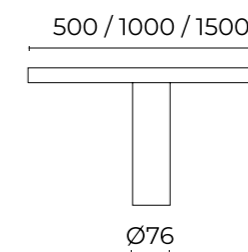
**06NW902A0**  
**L14 - Kit testa palo, grigio RAL9006**  
Post top kit, grey RAL9006 (N.1 Newton small or medium)



**06NN900X0**  
**B238 Kit staffa-palo 1 NEWTON 2.0 large L=500mm**  
Post top kit 1 NEWTON 2.0 large L=500 mm

**06NN905X0**  
**B250 Kit staffa-palo 2 NEWTON 2.0 large L=1000 mm**  
Post top kit 2 NEWTON 2.0 large L=1000 mm

**06NN906X0**  
**B254 Kit staffa-palo 3 NEWTON 2.0 large L=1500 mm**  
Post top kit 3 NEWTON 2.0 large L=1500 mm



# THEAMA



Dal greco θέαμα (theama=spettacolo), THEAMA unisce compattezza, leggerezza e prestazioni. Versatile, semplice e veloce da installare, può essere equipaggiato con una serie di ottiche adatte per l'illuminazione sportiva e di grandi superfici orizzontali e verticali.

Named after the Ancient Greek word θέαμα (theama) for spectacle, THEAMA combines compact size with lightness and high performance. Versatile, simple and quick to install, it can be fitted with a range of optics for illuminating sports events and large horizontal and vertical surfaces.

220-480V	50 60Hz	CL I	IP66	IK09	ta -40°C +50°C
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## DATI PRESTAZIONALI / PERFORMANCE DATA

**Potenza apparecchio / Fitting power:**  
300W - 1865 W

**Indice di resa cromatica / Colour Rendering Index:**  
≥ 70 (4000 K, 5700 K), ≥ 90 (5700 K) SDCM ≤ 3.  
RE > 92

### TLCI

> 93 - Theama è adatto per impianti che ospitano eventi televisivi TV HD, 4K e riprese in super-slow motion / > 93  
Theama is ideal for systems hosting HD and 4K TV events and super-slow motion shooting

### Illuminazione intelligente / Smart lighting:

mezzanotte virtuale, DALI D4i. Su richiesta ZHAGA, CLO, DMX-RDM / virtual midnight, DALI D4i. On request ZHAGA, CLO, DMX-RDM

## MATERIALI / MATERIALS

### Corpo / Body

pressofusione in lega di alluminio UNI EN AB 44300 (contenuto di rame < 0,1%) / die-cast aluminium alloy UNI EN AB 47100 (copper content < 0,1%)

### Schermo / Screen:

vetro piano temprato extrachiaro  
extra-clear 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:

staffe laterali orientabili in pressofusione in lega di alluminio UNI EN AB 44300 (contenuto di rame < 0,1%). Staffa centrale in alluminio estruso Al 6060 T6 dotata di asole per consentire l'installazione di Theama su fori di supporti esistenti. Staffe porta driver in acciaio AISI 316 / adjustable lateral bracket in die-cast aluminium alloy UNI EN AB 47100 (copper content < 0,1%). Central bracket in extruded aluminium Al 6060 T6, equipped with slots to allow Theama to be installed over holes in existing supports. AISI 316 stainless steel driver brackets

### STATIC WHITE LIGHT

-  4000 K
-  5700 K

### COLOR CHANGING

-  RGB+W 3000 K

### COLORE / COLOUR

-  SABLÉ 100 NOIR



## CARATTERISTICHE / FEATURES

### Peso massimo / Max weight:

driver remoto / remote driver 10,2 Kg (R12); 15,6 kg (R24); 25,5 kg (R36)  
driver a bordo / driver included: 13,7 Kg (R12); 21 kg (R24); 32,3 kg (R36)

### Alimentazione elettronica / Electronic power supply:

inclusa, disponibili versioni con cablaggio remoto. Tutte le versioni hanno un unico punto d'accesso per il cablaggio e non richiedono l'apertura di ciascun modulo. La versione R36 è pre-cablata per agevolare l'installazione included, available version with remote driver. All versions have a single access point for wiring and do not require each module to be opened. The R36 version is pre-wired for easy installation

### Resistenza sovratensioni / Surge Protection Device:

10kV MC/MD

### Valvola GORE® / GORE® valve: per regolare la pressione interna in

ambienti ostili / to regulate internal pressure in hostile environments

### Installazione / Installation:

parete, soffitto, terra, palo, torrefaro / wall, ceiling, ground, pole, light tower  
predisposizione entra-esce / predisposition IN-OUT

### Orientabilità / Adjustability:

**-180° ÷ +180° in regolazione continua. Scala graduata integrata nella staffa e nel corpo** / -180° ÷ +180° continuously / Graduated scale integrated into bracket and body

### Resistenza alle pallonate / Safety against ball throwing:

**Theama ha superato il test di resistenza alle pallonate secondo la Norma DIN 18032-33** / Theama has passed the ball throwing test according to DIN 18032-3



## Theama

### COMPATTEZZA E LEGGEREZZA

Le dimensioni contenute, combinate con la potenza luminosa erogata, fanno di Theama un prodotto compatto ed efficiente, il cui peso è notevolmente al di sotto della media degli apparecchi sul mercato.

### COMPACT AND LIGHT

Its reduced dimensions and powerful light beam make Theama a compact product whose weight is significantly less than the average for luminaires on the market

R12

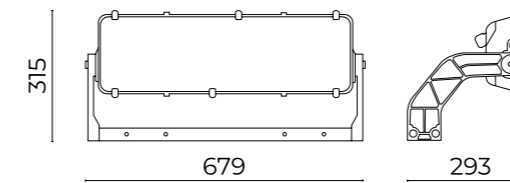
R24

R36

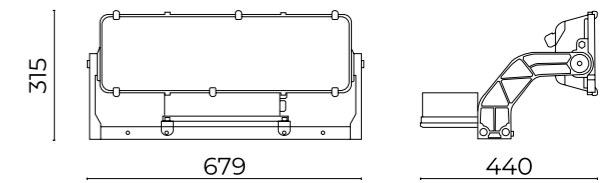


## Theama

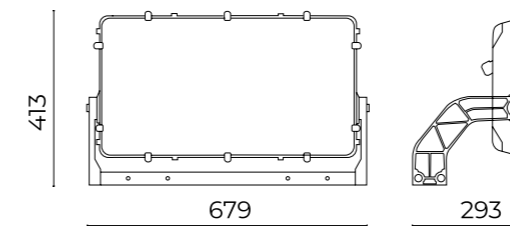
R12



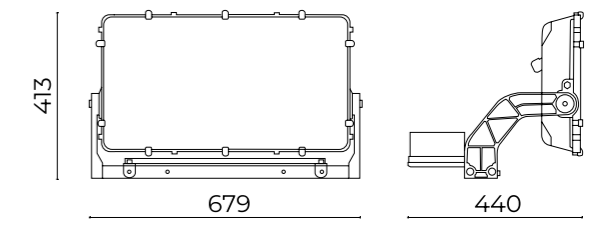
R12 DRIVER



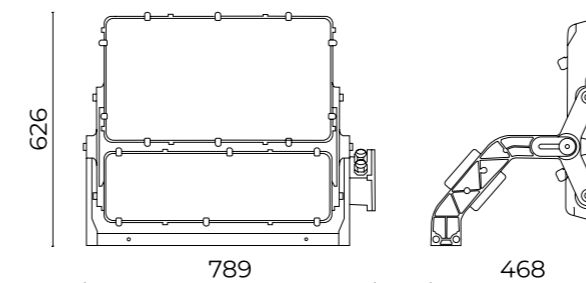
R24



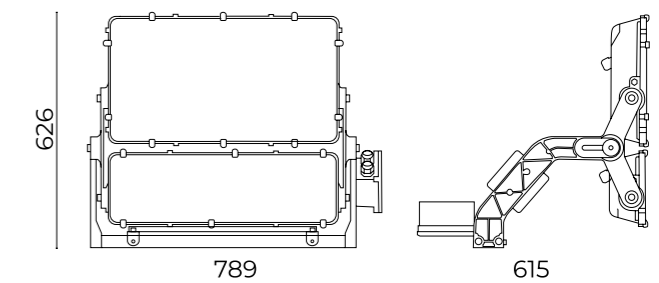
R24 DRIVER



R36



R36 DRIVER







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