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Associations

Associazione Italiana di Illuminazione.

Company of Italian Lighting Association.

Associazione Nazionale Produttori Illuminazione.

National Association Lighting Manufacturer.

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

Consortium for collection and waste of lighting system equipments.

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

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

Associazione francese dei designer della luce e dell'illuminazione.

Company of French Lighting designer 's Association.

Società Italiana Gallerie.

Italian Tunnelling Society.

UNI Ente Nazionale Italiano di normazione.

UNI Italian National Standardization Authotity.

Cariboni
group

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

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

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

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

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

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

A genuine passion for lighting and a constant commitment to research and innovation are the company's cutting edge.

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

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

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

Cultura della luce
La luce è il nostro mestiere

Da oltre un secolo siamo impegnati nel settore elettrotecnico e abbiamo una lunga esperienza nella progettazione e realizzazione di soluzioni professionali per l'illuminazione di ambienti esterni. Dialoghiamo quotidianamente con i progettisti di tutto il mondo per donare la migliore luce possibile ad ogni architettura, ad ogni spazio e ad ogni percorso. Ricerchiamo costantemente soluzioni innovative per offrire nuove opportunità d'uso degli spazi urbani e per tutelare il benessere e la sicurezza di chi li abita.

The culture of light
Light is our trade

For over a century we have been involved in the electrotechnical sector and have extensive experience in designing and implementing professional outdoor lighting solutions. We dialogue daily with designers from all over the world in order to light every architecture, every space and every path in the best possible way. We are continually looking for innovative solutions to offer new opportunities for using urban spaces and to protect the well-being and security of those living in them.

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

Sostenibilità sociale e ambientale

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

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

Social and environmental sustainability

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

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

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

Made in Italy

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

Siamo infatti convinti che il buon design dipenda anche da una dimensione umana ed esperienziale del lavoro che favorisce flussi di conoscenza anche informali e una partecipazione collettiva, e forse inconsapevole, ai processi creativi.

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

Made in Italy

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

In fact, we are convinced that good design also depends on human aspects and work experience, which promote an informal exchange of knowledge, as well as a collective and perhaps unconscious participation in creative processes.

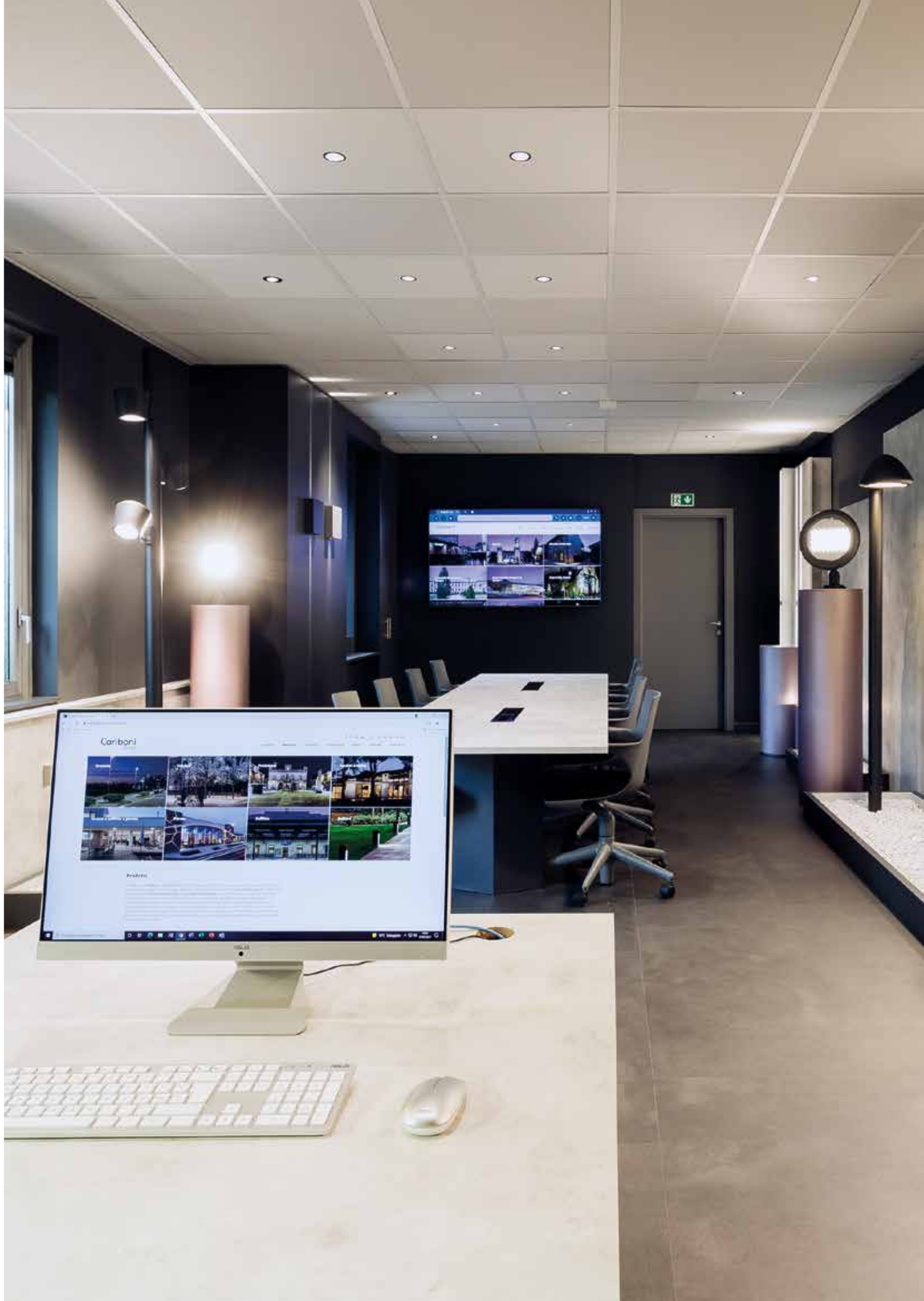
We promote made in Italy by offering innovative, high-quality urban lighting and by nurturing our know-how.

Servizi al cliente
Consulenza e continua assistenza

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

Customer services
Advice and continual support

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



> La luce giusta dove e quando serve

Zero-sprechi

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

Zero waste

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

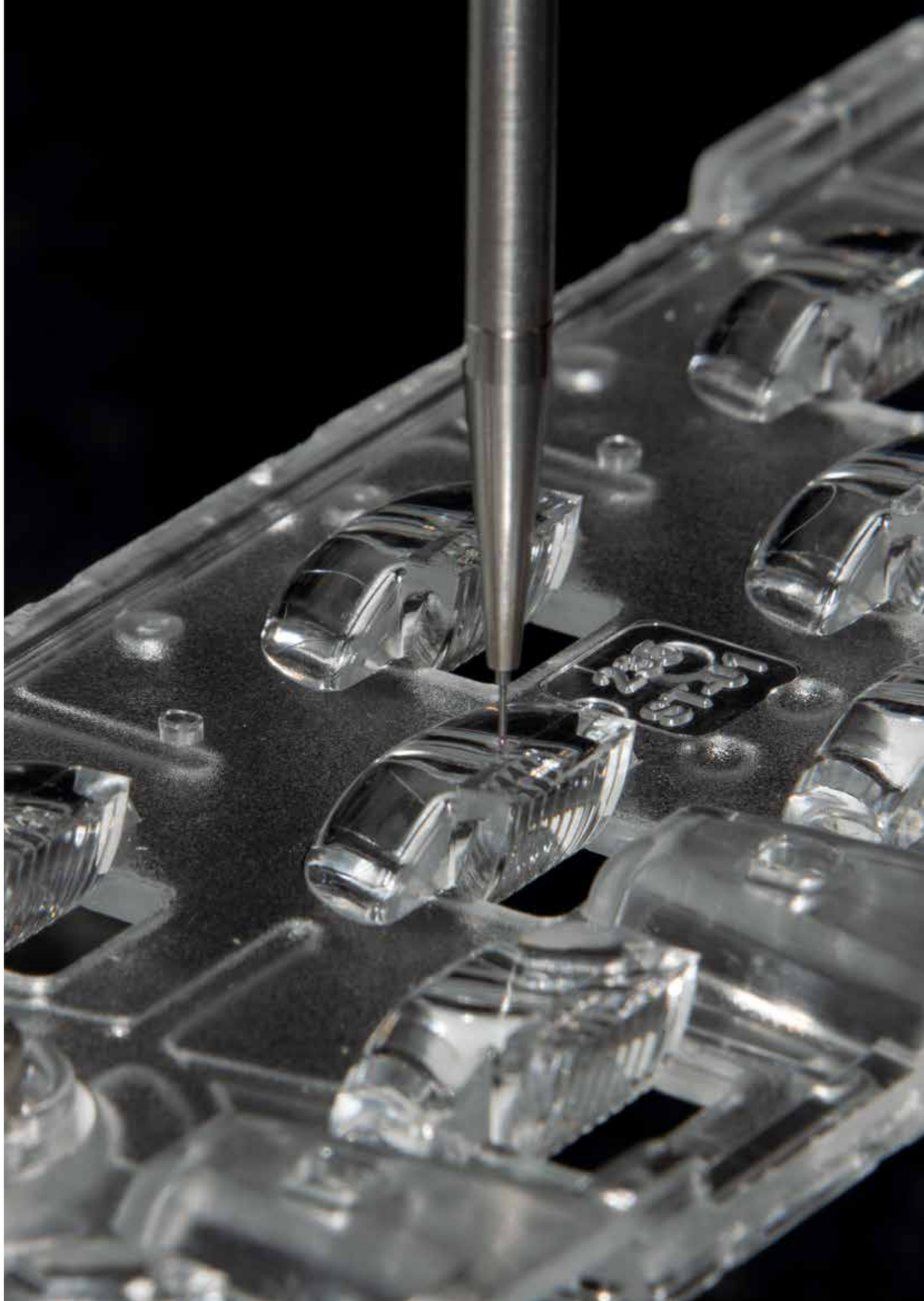
Progettazione ottica

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

Optical design

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

> The right light where and when needed



Processo produttivo

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

Production process

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

Ricerca, Sviluppo e Validazioni

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

Research, Development and Validation

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

Certifications

ISO 9001:2015
Assicura il controllo del processo produttivo e la sua efficacia in merito alla qualità del prodotto realizzato.

ISO 9001:2015
Certification guarantees control of the production process and its effectiveness concerning the quality of the product made.

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.

Ecovadis 2022

Abbiamo ottenuto la Medaglia d'oro EcoVadis per il nostro impegno nella Responsabilità Sociale d'Impresa. Un importante riconoscimento che premia il nostro modello di business.

We have been awarded a Gold Medal by EcoVadis for our commitment to Corporate Social Responsibility. An important recognition that rewards our business model.

ISO 14001

Anno 2023
Year 2023

Sistemi ottici

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

Optics systems

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

Architetture e Giardini

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

- Spot fascio concentrante, medio, diffondente e ultra-diffondente;
- Elissoidali 12 x 50°;
- Lama;
- Radenti 360, 180 e 2x90°;
- Simmetriche, Asimmetriche, Rotosimmetriche;
- Wall washer.

Architectures and Gardens

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

- Narrow, medium, wide and ultra wide beam spotlights;
- Ellipsoidal 12 x 50°;
- Blade;
- 360, 180 and 2x90 surface skimming lights;
- Symmetrical, Asymmetrical, Rotosymmetrical;
- Wall washer.

Ottiche per Architetture e Giardini
Optics for Architectures and Gardens

	APLOS	BAMBOO	BANISTER	CHARA	CUBE	EKLEIPSIS	EMI	FIN	FIN XS	GRACE	GRAPHO	IOTA	KORE	KOSMOS	LEVANTE	LIT XS	MIKRO	OMIKRON
Pages	108	60	358	298	286	140	370	120	130	310	386	70	348	234	266	98	378	170
Narrow beam ≤ 8°				x	x													
Narrow beam (9° ÷ 15°)											x		x		x		x	x
Medium beam (16° ÷ 39°)				x	x						x		x	x			x	x
Wide beam (40° ÷ 60°)													x					x
Ultra wide beam (>61°)				x	x								x					x
Wall washer													x					
Ellipsoidal 12° x 50°																		
Blade							x				x		x				x	
Grazing		x								x		x						
Symmetrical linear			x															
Asymmetrical	x						x	x	x						x	x		
Rotosymmetrical		x				x						x		x				

Ottiche per Architetture e Giardini
Optics for Architectures and Gardens

	OMIKRON MINI	OMIKRON PRO	ONE4TWO	PATH	PEYOTE	SANS SERIF	SIGMA	TRAIL
Pages	158	180	402	88	78	394	190	318
Narrow beam ≤ 8°		x	x				x	
Narrow beam (9° ÷ 15°)	x	x					x	
Medium beam (16° ÷ 39°)	x	x	x				x	
Wide beam (40° ÷ 60°)		x					x	x
Ultra wide beam (>61°)		x	x				x	
Wall washer							x	
Ellipsoidal 12° x 50°							x	
Blade	x							
Grazing				x	x			
Symmetrical linear								x
Asymmetrical						x		x
Rotosymmetrical				x	x			

Spazi e Percorsi urbani

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

- Asimmetriche;
- Asimmetriche stradali;
- Simmetriche stradali;
- Rotosimmetriche;
- Diffondenti;
- Ottiche asimmetriche stradali per attraversamenti pedonali;
- Ottica asimmetrica stradale per manto bagnato;
- Ottica simmetrica stradale per centro strada;
- Ottiche Front & Back.

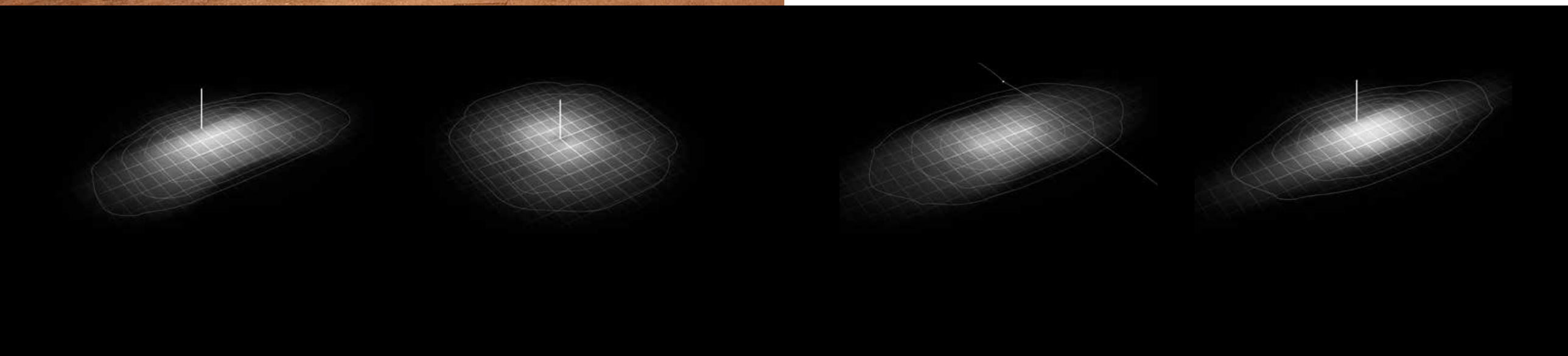
L'ottica stradale Front & Back (brevettata) è in grado di generare un doppio solido fotometrico che assolve alla duplice funzione di illuminare da un lato la carreggiata e dal lato opposto una pista ciclabile o un'area pedonale.

Urban Spaces and Walkways

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

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

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



Ottiche per Spazi e Percorsi Urbani
Optics for Urban Spaces and Walkways

	AGATHOS	BIG LINK	CLASSIC	DUAL	EKLEIPSIS	FLAT LINK	KAI	KAIROS	KALOS	KOINÈ
Pages	466	592	610	418	140	568	638	652	426	628
Asimmetrical street	x	x	x	x		x	x	x	x	x
Simmetrical street						x			x	
Pedestrian crossing							x			
Wet surfaces							x			
Asymmetrical	x	x	x			x	x	x	x	x
Front & Back	x								x	
Rotosymmetrical	x			x					x	

	KOSMOS	LEVANTE	LIT	MAT BALACIER	NODEA	ORAO	POLI	SIGMA STREET	THEMELIO	VOLTA	YPSILON
Pages	234	266	204	620	546	552	410	492	526	502	456
Asimmetrical street	x	x	x	x	x	x	x	x	x	x	x
Simmetrical street	x					x				x	
Pedestrian crossing	x	x						x	x	x	
Wet surfaces	x					x			x		
Asymmetrical	x	x	x	x	x	x		x	x	x	x
Front & Back											
Rotosymmetrical	x					x	x		x	x	

Sport e Grandi Aree

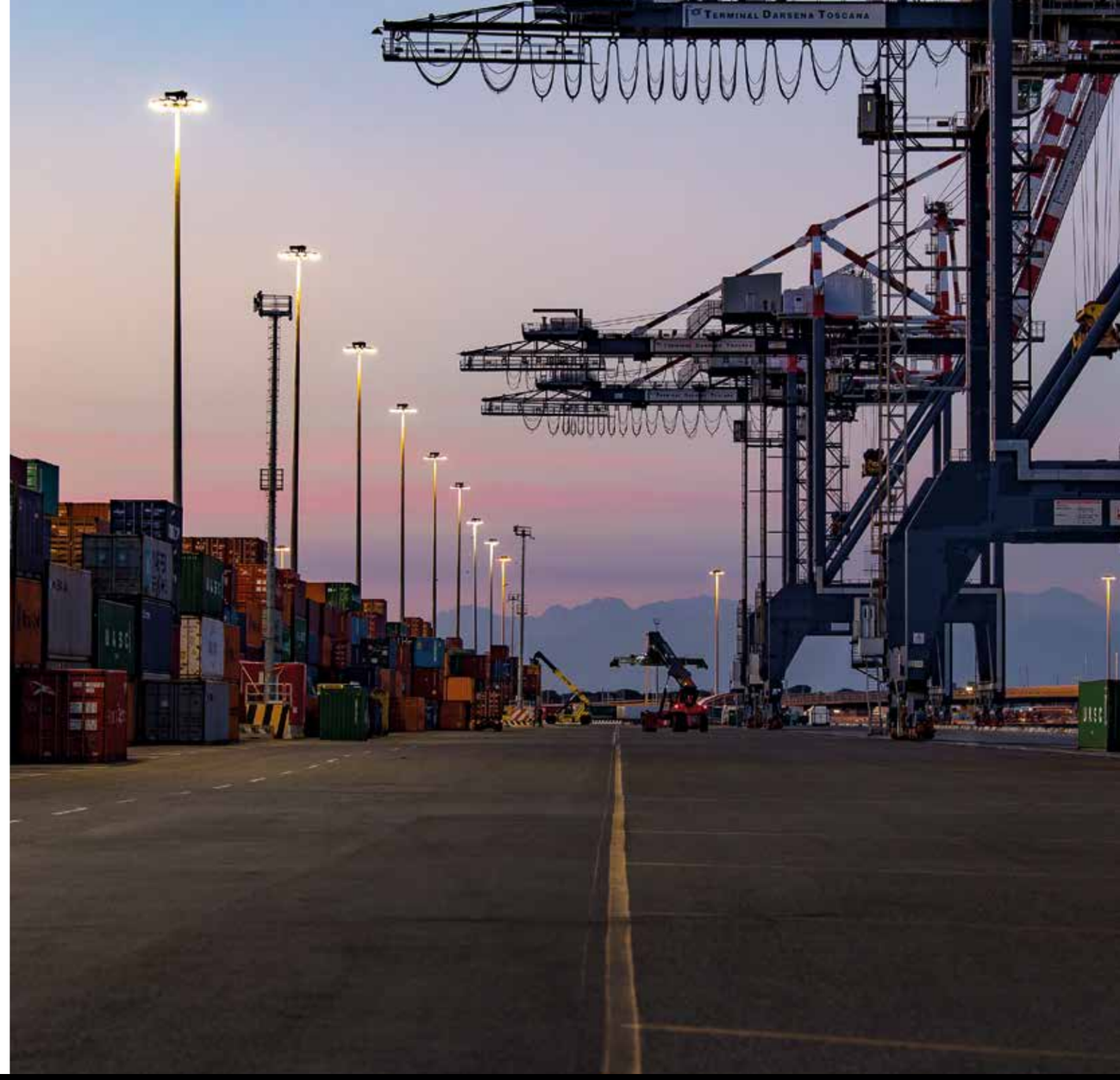
Le distribuzioni fotometriche per l'illuminazione di spazi sportivi e grandi aree si distinguono in ottiche:

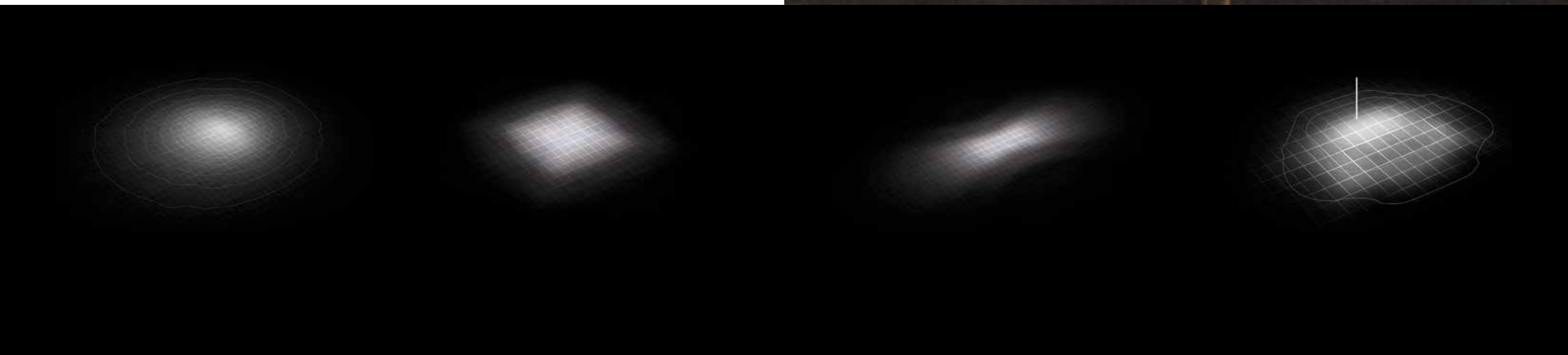
- Asimmetriche;
- Simmetriche;
- Quadrata diffondente;
- Rettangolare asimmetrica diffondente;
- Rettangolare concentrante.

Sport and Large Areas

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

- Asymmetrical;
- Symmetrical;
- Square diffusing;
- Asymmetric rectangular wide beam;
- Narrow beam rectangular.





Ottiche per lo Sport e Grandi Aree
Optics for Sport and Large Areas

	M48 AREA	M48 AREA FLOOD	M48 FLOOD	NEWTON
Pages	686	672	680	662
Asymmetrical		x	x	x
Asymmetrical wide beam				x
Symmetrical				x
Wide beam	x			
Asymmetric rectangular wide-beam	x			
Narrow beam rectangular	x			

Illuminazione intelligente

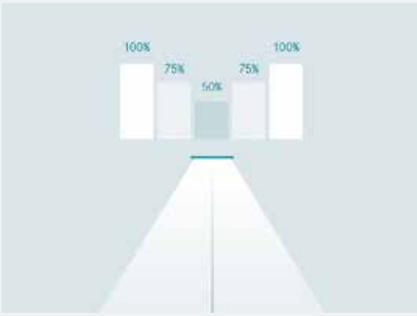
Smart lighting

STAND ALONE: regolazione di flusso in Mezzanotte Virtuale

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

Autoapprendimento mezzanotte virtuale con programmazione preimpostata selezionabile

L'alimentatore consente di selezionare tra differenti programmi preimpostati di regolazione del flusso luminoso (ciascuno per le 3 varianti di corrente 350-525-700mA). Alla selezione del programma, l'alimentatore attiva uno speciale algoritmo che permette la riduzione del flusso luminoso, e di conseguenza della potenza assorbita, durante le ore centrali della notte. Il calcolo della mezzanotte virtuale è automatico e continuamente aggiornato nel corso dell'anno.



Autoapprendimento mezzanotte virtuale programmabile custom

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

STAND ALONE: Virtual Midnight flow adjustment

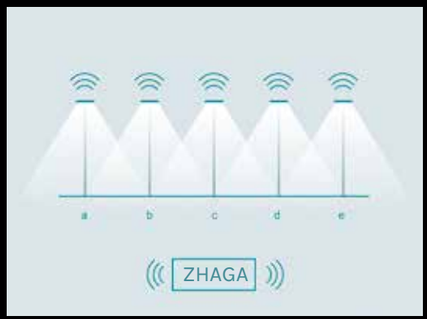
This stand-alone light flow reduction system is built into every individual product and it does not require new wiring or external devices.

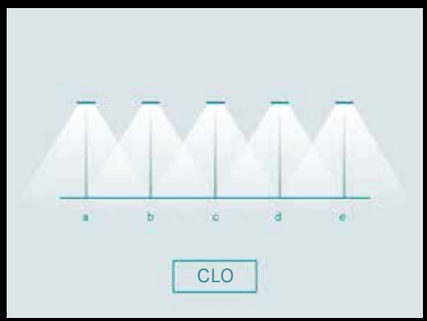
Virtual midnight self-learning with selectable preset programming

The driver allows different preset luminous flux adjustment programmes to be selected (one each for the 3 current variants 350 - 525 - 700 mA). When the programme has been selected, the driver activates a special algorithm that allows the luminous flux to be reduced and consequently the power input during the middle of the night. The virtual midnight calculation is made automatically and continually updated during the year.

Custom programmable virtual midnight self-learning

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





ZHAGA – BOOK 18

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

Constant Lumen Output (CLO)

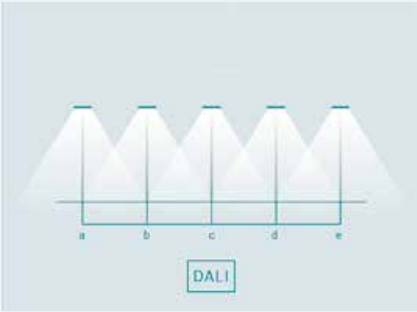
I prodotti Cariboni sono inoltre predisposti per il sistema di autoregolazione CLO (Constant Lumen Output). Il compito del CLO è quello di compensare il naturale decadimento del flusso luminoso dei LED. Attraverso un innalzamento di corrente graduale, precedentemente programmato, il flusso luminoso si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

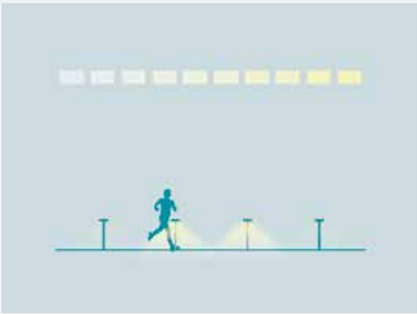
ZHAGA – BOOK 18

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

Constant Lumen Output (CLO)

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





DALI

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

Onde convogliate (PLC)

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

Sensori

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

Wireless

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

DALI

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

Power-line communication (PLC)

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

Sensors

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

Wireless

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

Pali
Poles

Palo conico testa palo Ø 60 mm
Conical pole post top Ø 60 mm

H 3500 mm	01PA0113C
H 4000 mm	01PA0108C
H 4500 mm	01PA0109C
H 5000 mm	01PA0110C
H 5500 mm	01PA0111C
H 6000 mm	01PA0112C

Palo conico testa palo Ø 76 mm + codolo Ø 60 mm H 90 mm, codolo Ø 60 mm H 120 mm
Conical pole post top Ø 76 mm + fastening part Ø 60 mm H 90 mm, fastening part Ø 60 mm H 120 mm

H 4000 mm	01PA0001C	TP Ø 76 mm
	01PA0001C1	TP Ø 60 mm H 90 mm
	01PA0001C2	TP Ø 60 mm H 120 mm
H 4500 mm	01PA0052C	TP Ø 76 mm
	01PA0052C1	TP Ø 60 mm H 90 mm
	01PA0052C2	TP Ø 60 mm H 120 mm
H 5000 mm	01PA0002C	TP Ø 76 mm
	01PA0002C1	TP Ø 60 mm H 90 mm
	01PA0002C2	TP Ø 60 mm H 120 mm
H 5500 mm	01PA0053C	TP Ø 76 mm
	01PA0053C1	TP Ø 60 mm H 90 mm
	01PA0053C2	TP Ø 60 mm H 120 mm
H 6000 mm	01PA0054C	TP Ø 76 mm
	01PA0054C1	TP Ø 60 mm H 90 mm
	01PA0054C2	TP Ø 60 mm H 120 mm
H 6500 mm	01PA0003C	TP Ø 76 mm
	01PA0003C1	TP Ø 60 mm H 90 mm
	01PA0003C2	TP Ø 60 mm H 120 mm
H 7000 mm	01PA0055C	TP Ø 76 mm
	01PA0055C1	TP Ø 60 mm H 90 mm
	01PA0055C2	TP Ø 60 mm H 120 mm
H 7500 mm	01PA0004C	TP Ø 76 mm
	01PA0004C1	TP Ø 60 mm H 90 mm
	01PA0004C2	TP Ø 60 mm H 120 mm
H 8000 mm	01PA0096C	TP Ø 76 mm
	01PA0096C1	TP Ø 60 mm H 90 mm
	01PA0096C2	TP Ø 60 mm H 120 mm

Versioni con piastra di base su richiesta.
Versions with base plate on request.

Palo cilindrico testa palo Ø 76 mm
Cylindrical pole Ø 76 mm

H 3000 mm	01PA0194C
H 3500 mm	01PA0196C
H 4000 mm	01PA0197C

Palo cilindrico Ø 114 mm
Cylindrical pole Ø 114 mm

H 6500 mm	01PA0016C
H 6500 mm	01PA0017C
H 7000 mm	01PA0099C
H 7000 mm	01PA0100C
H 7500 mm	01PA0101C
H 7500 mm	01PA0018C
H 8000 mm	01PA0102C
H 8000 mm	01PA0125C

Palo cilindrico testa palo Ø 102 mm + codolo Ø 60 mm H 90 mm, codolo Ø 60 mm H 120 mm
Cylindrical pole pos t top Ø 102 mm + fastening part Ø 60 mm H 90 mm, fastening part Ø 60 mm H 120 mm

H 4000 mm	01PA0005C	TP 102 mm
	01PA0005C1 TP	TP 60 mm H 90 mm
	01PA0005C2	TP 60 mm H 120 mm
H 4500 mm	01PA0056C	TP 1 02 mm
	01PA0056C1	TP 60 mm H 90 mm
	01PA0056C2	TP 60 mm H 120 mm
H 5000 mm	01PA0006C	TP 102 mm
	01PA0006C1	TP 60 mm H 90 mm
	01PA0006C2 T	TP 60 mm H 120 mm
H 5500 mm	01PA0057C	TP 102 mm
	01PA0057C1	TP Ø60 mm H 90 mm
	01PA0057C2	TP Ø60 mm H 120 mm
H 6000 mm	01PA0058C	TP Ø 102 mm
	01PA0058C1	TP Ø 60mm H 90 mm
	01PA0058C2	TP Ø 60 mm H 120 mm
H 6500 mm	01PA0009C	TP Ø 102 mm
	01PA0009C1	TP Ø 60 mm H 90 mm
	01PA0009C2	TP Ø 60 mm H 120 mm
H 7000 mm	01PA0059C	TP Ø 102 mm
	01PA0059C1	TP Ø 60 mm H 90 mm
	01PA0059C2	TP Ø 60 mm H 120 mm
H 7500 mm	01PA0010C	TP Ø 102 mm
	01PA0010C1	TP Ø 60 mm H 90 mm
	01PA0010C2	TP Ø 60 mm H 120 mm

Versioni con piastra di base su richiesta.
Versions with base plate on request.

Palo rastremato base Ø 102-76 mm + codolo testa palo Ø 60 mm H 90 mm
Tapered pole basis Ø 102-76 mm + fastening part Ø 60 mm H 90 mm

H 3500 mm	01PA0150C1
H 4000 mm	01PA0151C1
H 4500 mm	01PA0152C1
H 5000 mm	01PA0153C1
H 5500 mm	01PA0154C1
H 6000 mm	01PA0155C1
H 6500 mm	01PA0156C1
H 7000 mm	01PA0157C1

Palo rastremato base Ø 127 mm, testa palo Ø 76 mm + codolo Ø 60 mm H 90 mm
Tapered pole basis Ø 127 mm, post top Ø 76 mm + fastening part Ø 60 mm H 90 mm

H 5000 mm	01PA0160C	TP Ø 76 mm
H 5000 mm	01PA0160C1	TP Ø 60 mm H 90 mm
H 5500 mm	01PA0161C	TP Ø 76 mm
H 5500 mm	01PA0161C1	TP Ø 60 mm H 90 mm
H 6000 mm	01PA0162C	TP Ø 76 mm
H 6000 mm	01PA0162C1	TP Ø 60 mm H 90 mm
H 6500 mm	01PA0163C	TP Ø 76 mm
H 6500 mm	01PA0163C1	TP Ø 60 mm H 90 mm
H 7000 mm	01PA0164C	TP Ø 76 mm
H 7000 mm	01PA0164C1	TP Ø 60 mm H 90 mm
H 8000 mm	01PA0165C	TP Ø 76 mm
H 8000 mm	01PA0165C1	TP Ø 60 mm H 90 mm

Palo rastremato base Ø 102 mm (Ø 127 mm H 8500 mm), testa palo Ø 60 mm
Tapered pole basis Ø 102 mm (Ø 127 mm H 8500 mm), post top Ø 60 mm

H 4500 mm	01PA0025C
H 5000 mm	01PA0103C
H 5500 mm	01PA0026C
H 6000 mm	01PA0104C
H 6500 mm	01PA0029C
H 7000 mm	01PA0105C
H 7500 mm	01PA0030C
H 8500 mm*	01PA0033C

*base Ø 127 TP Ø 102-60 mm
*basis Ø 127 TP Ø 102-60 mm

Palo rastremato base Ø 127 mm, testa palo Ø 102 mm + codolo Ø 60 mm H 90, codolo Ø 60 mm H 120 mm
Tapered pole basis Ø 127 mm, post top Ø 102 mm + fastening part Ø 60 mm H 90 mm, fastening part Ø 60 mm H 120 mm

H 6500 mm	01PA0011C	TP Ø 102 mm
H 6500 mm	01PA0011C1	TP Ø 60 mm H 90 mm
H 6500 mm	01PA0011C2	TP Ø 60 mm H 120 mm
H 7000 mm	01PA0097C	TP Ø 102 mm
H 7000 mm	01PA0097C1	TP Ø 60mm H 90 mm
H 7000 mm	01PA0097C2	TP Ø 60 mm H 120 mm
H 7500 mm	01PA0012C	TP Ø 102 mm
H 7500 mm	01PA0012C1	TP Ø 60 mm H 90 mm
H 7500 mm	01PA0012C2	TP Ø 60 mm H 120 mm
H 8000 mm	01PA0098C	TP Ø 102 mm
H 8000 mm	01PA0098C1	TP Ø 60 mm H 90 mm
H 8000 mm	01PA0098C2	TP Ø 60 mm H 120 mm
H 8500 mm	01PA0013C	TP Ø 102 mm
H 8500 mm	01PA0013C1	TP Ø 60 mm H 90 mm
H 8500 mm	01PA0013C2	TP Ø 60 mm H 120 mm

Palo conico curvo doppio, due tronchetti (H 4000 mm*, H 8000 mm**)
Conical curved pole with double arm (H 4000 mm*, H 8000 mm**)

H 4500 mm*	06PA0002C
H 9000 mm **	06PA0009C

Palo conico curvo singolo, un tronchetto (H 4000 mm*, H 8000 mm**)
Conical curved pole with single arm (H 4000 mm*, H 8000 mm**)

H 4500 mm *	06PA0001C
H 9000 mm **	06PA0007C

Palo conico curvo singolo, due tronchetti (H 4000 mm, H 8000 mm)
Conical curved pole with double arm (H 4000 mm, H 8000 mm)

H 9000 mm	06PA0008C

BAMBOO

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 | IK10 | ta -30°C +50°C

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
470 – 1000 lm

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

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

Illuminazione intelligente / Smart lighting:
DALI

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 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 ad alta trasparenza
highly transparent 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

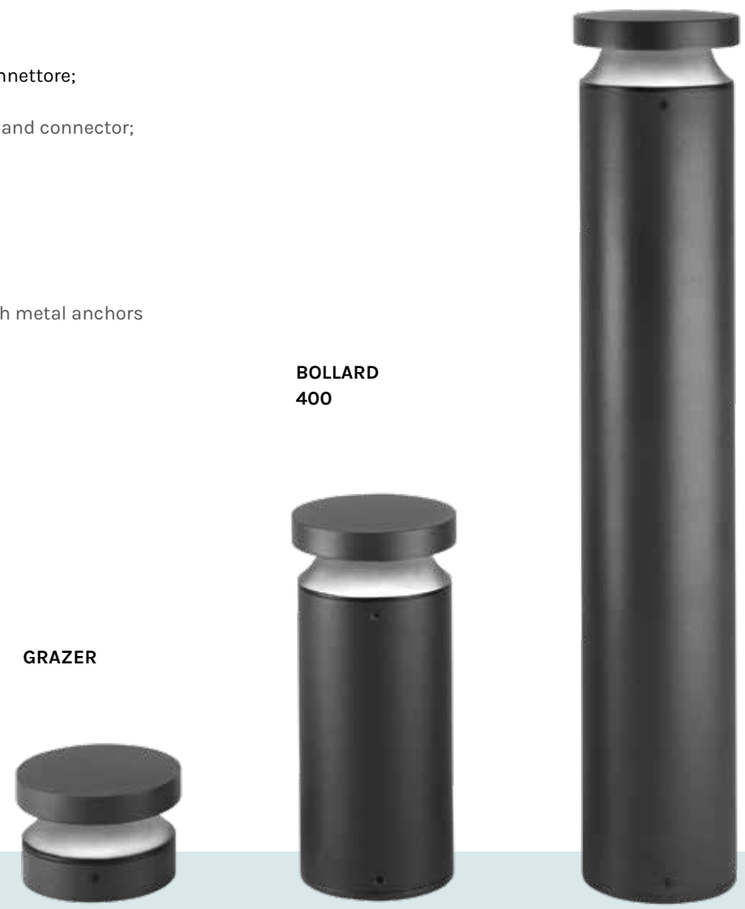
Peso massimo / Max weight:
1,6 kg (grazer), 3 kg (bollard H 375 mm),
4,6 kg (bollard H 895 mm)

Alimentazione elettronica / Electronic power supply:
inclusa / included

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

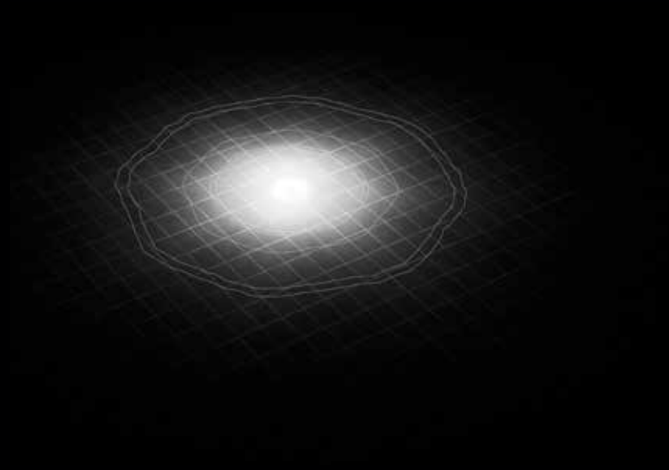
Installazione / Installation:
terra, parete / ground, wall

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



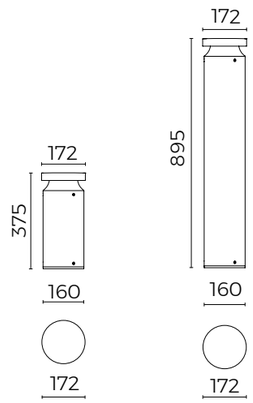
OTTICHE / OPTICS

RS-D 360° Rotosimmetrica diffondente
Rotosymmetrical wide beam



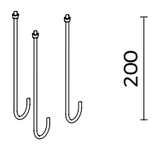
AD 180° Asimmetrica diffondente
Asymmmetrical wide beam

Bamboo
Bollard



ACCESSORI / ACCESSORIES

06PY999X0
Kit tirafondi
Anchoring bolts kit

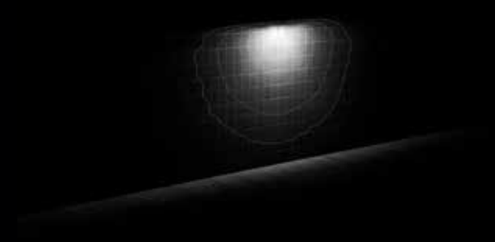


OTTICHE / OPTICS

PARETE / WALL

RS-D 360° Rotosimmetrica diffondente
Rotosymmetrical wide beam

AD 180° Asimmetrica diffondente
Asymmmetrical wide beam

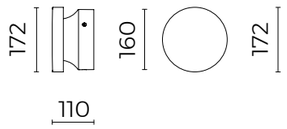


GRAZER

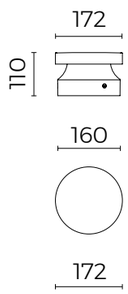
RS-D 360° Rotosimmetrica diffondente
Rotosymmetrical wide beam

AD 180° Asimmetrica diffondente
Asymmmetrical wide beam

Bamboo
Parete / Wall



Grazer



IOTA

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

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

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

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
470 – 1000 lm

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

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

Illuminazione intelligente / Smart lighting:
DALI

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 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 ad alta trasparenza
highly transparent 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

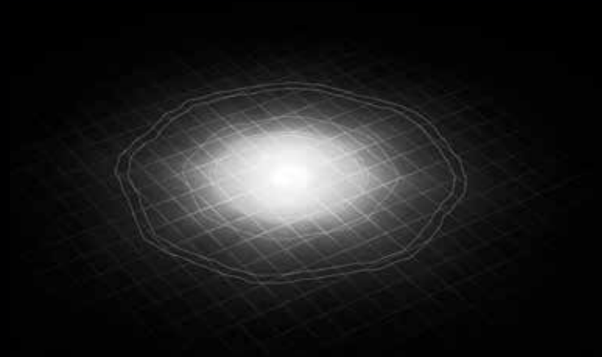
Precablaggio / Pre-wiring:
versione bollard fornita con cavo e connettore; predisposizione entra-esci
bollard version is supplied with cable and connector; in and out setup

Installazione / Installation:
terra / ground

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

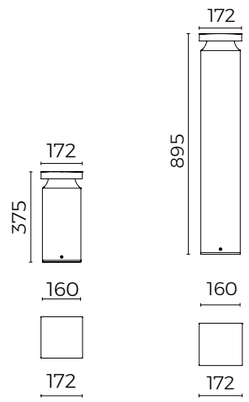
OTTICHE / OPTICS

RS-D 360° Rotosimmetrica diffondente
Rotosymmetrical wide beam



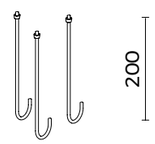
AD 180° Asimmetrica diffondente
Asymmmetrical wide beam

Iota
Bollard



ACCESSORI / ACCESSORIES

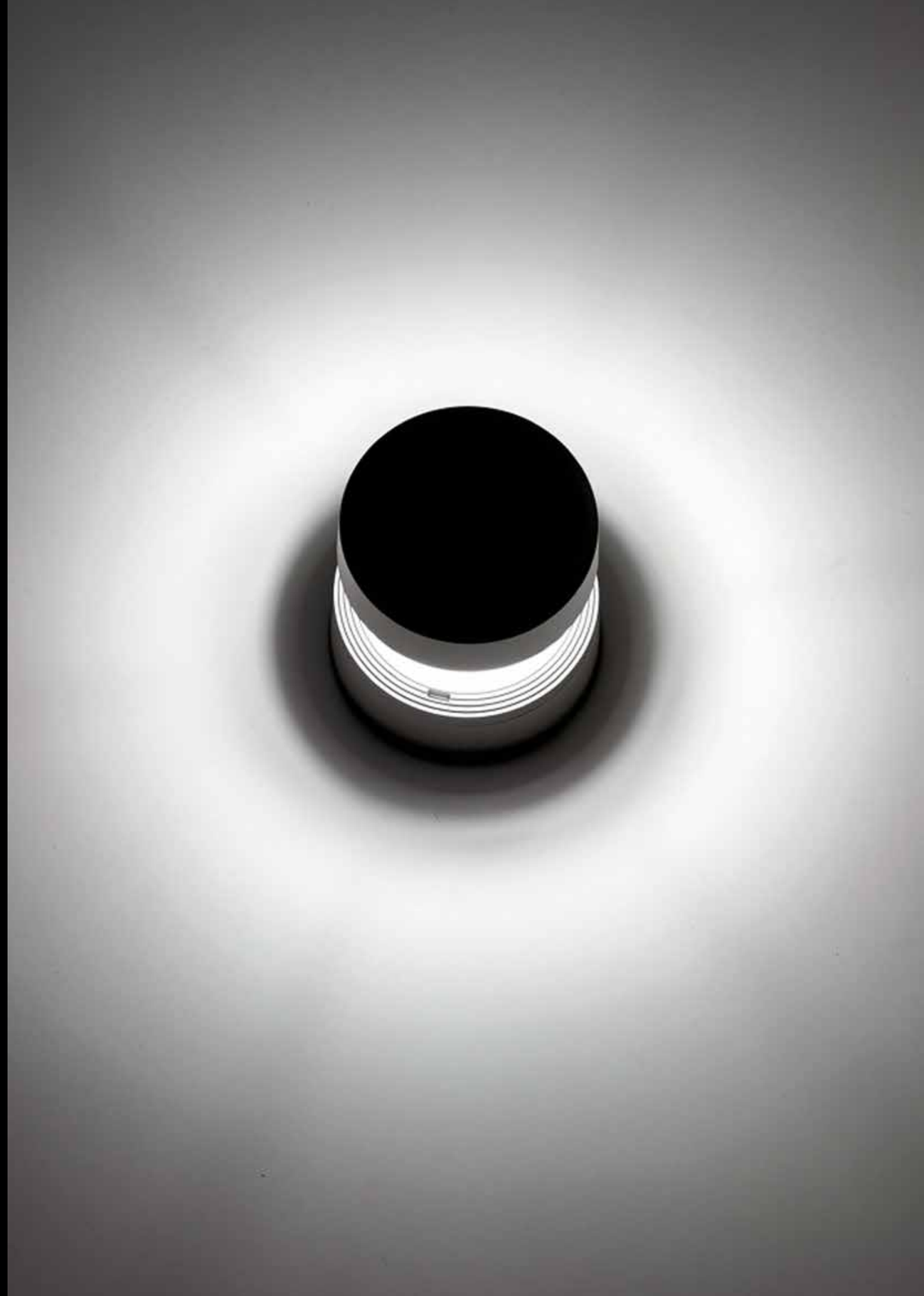
06PY999X0
Kit tirafondi
Anchoring bolts kit



PEYOTE

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

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



220 240V | 50 60Hz | CL II | IP65 | IK07 | ta -30°C +50°C

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
465 - 1000 lm

Potenza apparecchio / Fitting power:
14 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 fusto / Body and stem pole:
pressofusione di lega d'alluminio UNI EN AB 47100 (contenuto rame < 1%), fusto in alluminio estruso
die-cast aluminum alloy UNI EN AB 47100 (copper content < 1%), stem pole extruded aluminium

Diffusore / Diffusor:
policarbonato ad alta trasparenza
highly transparent polycarbonate

Riflettore / Floodlight:
lamiera d'alluminio tornita
torned aluminium sheet

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006

CARATTERISTICHE / FEATURES

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

Alimentazione elettronica / Electronic power supply:
inclusa / included

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

Installazione / Installation:
terra / ground

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

GRAZER

BOLLARD

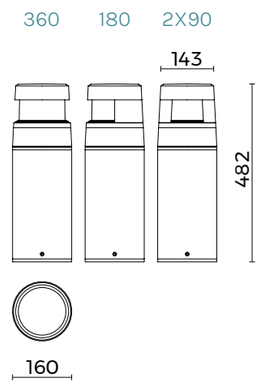
OTTICHE / OPTICS

RS-D 360° Rotosimmetrica diffondente
Rotosymmetrical wide beam

S-D 2X90° Simmetrica diffondente
Symmmetrical wide beam

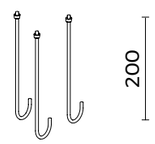
AD 180° Asimmetrica diffondente
Asymmetrical wide beam

Peyote
Bollard

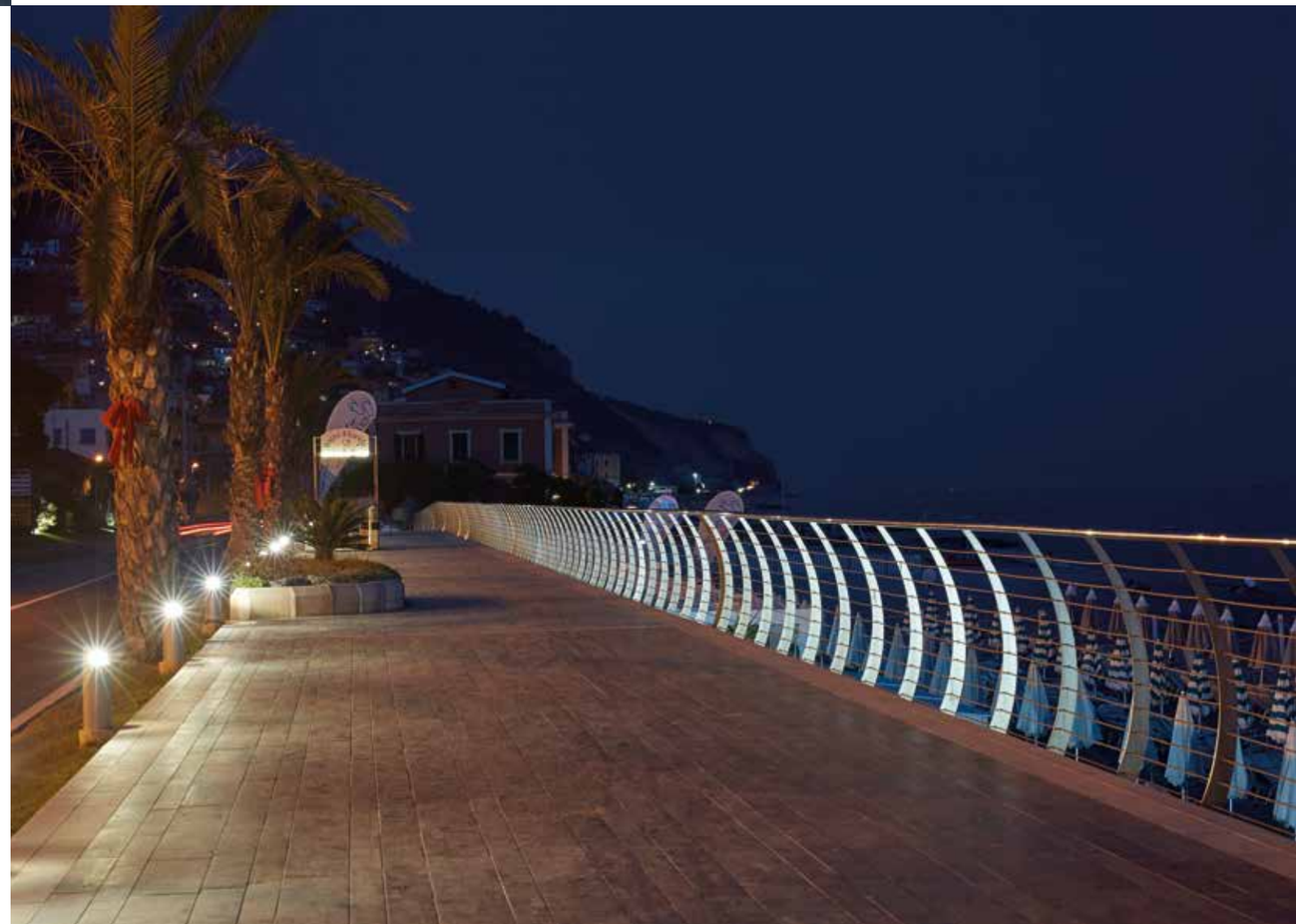


ACCESSORI / ACCESSORIES

06PY999X0
Kit tirafondi
Anchoring bolts kit



MILAN
Italy



PIETRA LIGURE
Italy

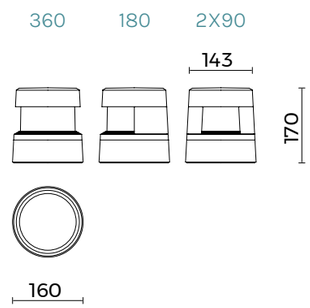
OTTICHE / OPTICS

RS-D 360° Rotosimmetrica diffondente
Rotosymmetrical wide beam

S-D 2X90° Simmetrica diffondente
Symmmetrical wide beam

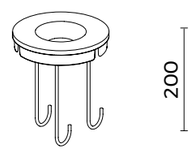
AD 180° Asimmetrica diffondente
Asymmetrical wide beam

Peyote
Grazer



ACCESSORI / ACCESSORIES

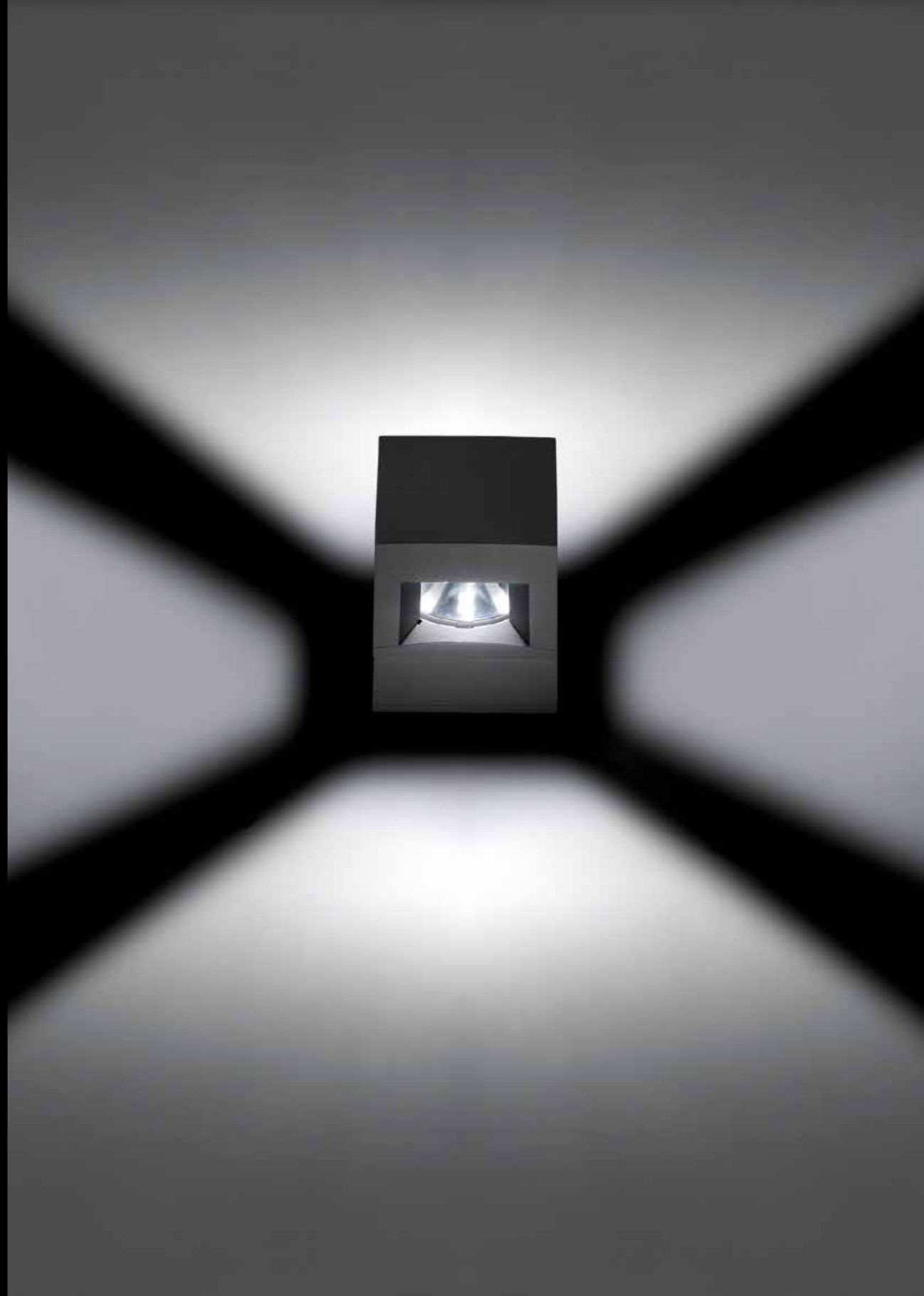
06PY998A0 - RAL9006
06PY998C0 - Sablé 100 Noir
Kit tirafondi con piastra di fissaggio a terra
Anchoring bolts kit with ground-fixing plate



PATH

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

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



220 240V | 50 60Hz | CL II | IP65 | IK07 | ta -30°C +50°C

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
930 - 1000 lm

Potenza apparecchio / Fitting power:
14 W

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

MATERIALI / MATERIALS

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

Diffusore / Diffusor:
policarbonato ad alta trasparenza
highly transparent polycarbonate

Riflettore / Floodlight:
lamiera d'alluminio tornita
torned aluminium sheet

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 (grazer), 6 kg (bollard H 500 mm),
9 kg (bollard H 1000 mm)

Alimentazione elettronica / Electronic power supply:
inclusa / included

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

Installazione / Installation:
terra / ground

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

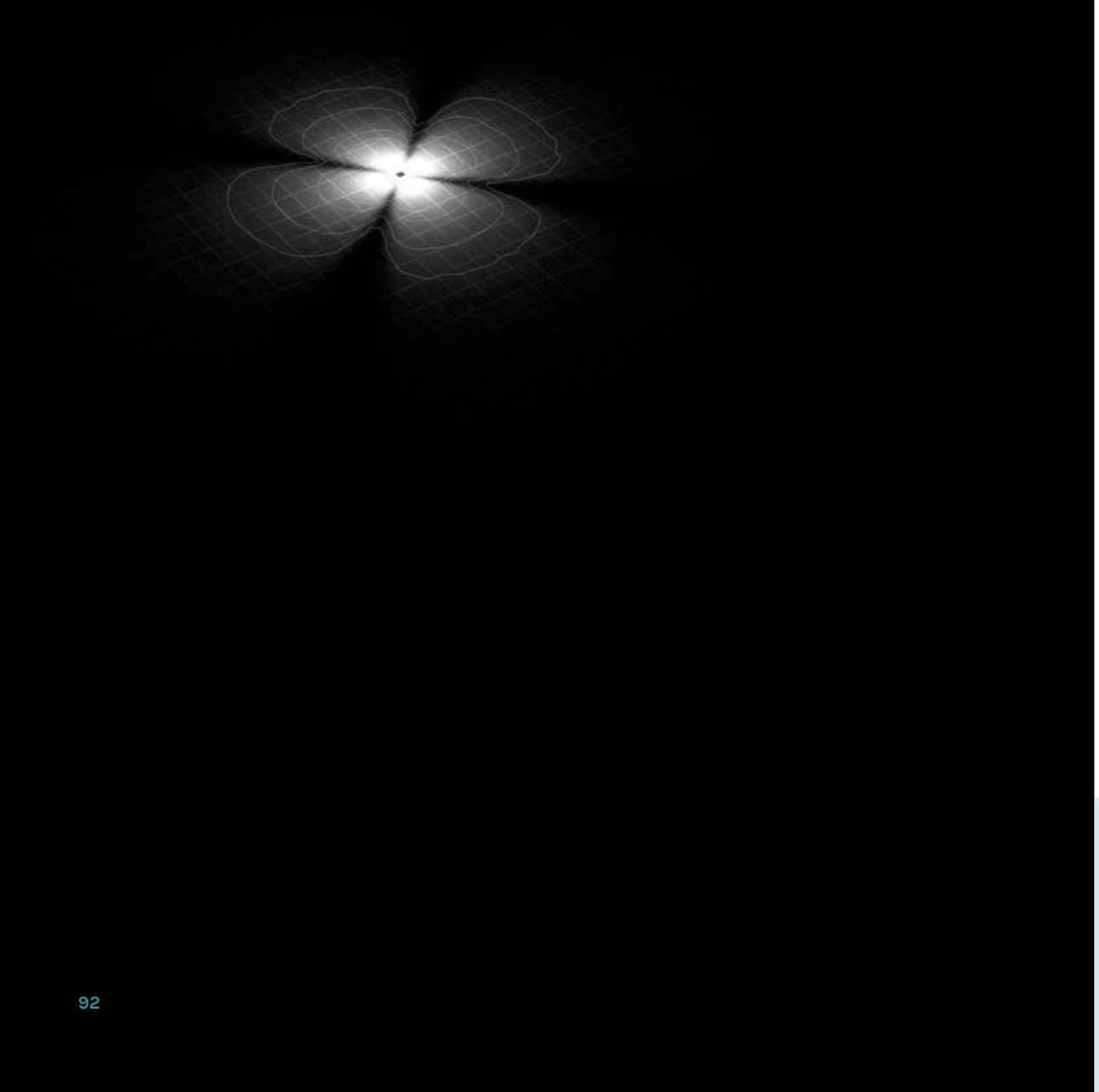
BOLLARD 1000

BOLLARD 500

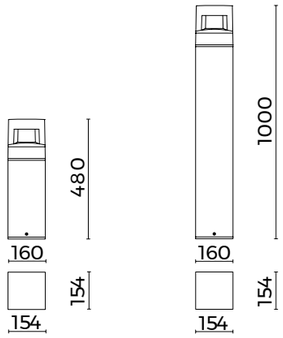
GRAZER

OTTICHE / OPTICS

RS-D 360° Rotosimmetrica diffondente
Rotosymmetrical wide beam

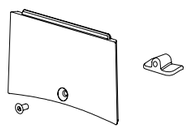


Path
Bollard

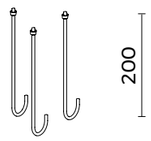


ACCESSORI / ACCESSORIES

06PT997C0 - Sablé 100 Noir
06PT997A0 - RAL9006
Kit 2 petali
2 petals kit



06PY999X0
Kit tirafondi
Anchoring bolts kit

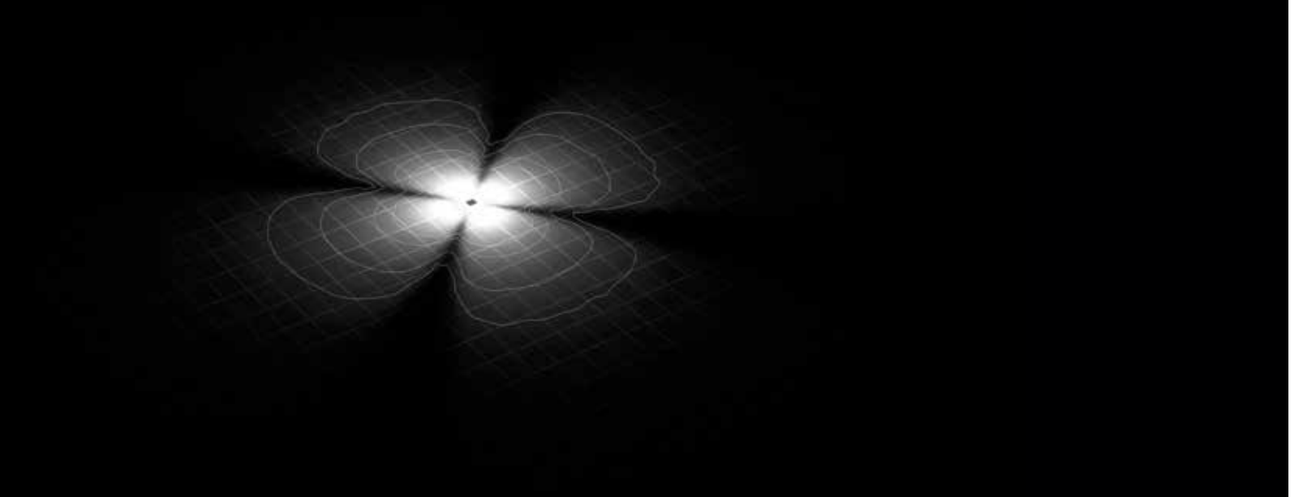


ANCONA
Italy

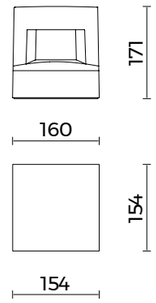
SEATTLE
USA

OTTICHE / OPTICS

RS-D 360° Rotosimmetrica diffondente
Rotosymmetrical wide beam

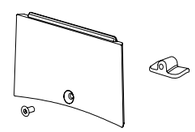


Path
Grazer

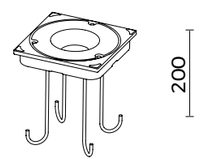


ACCESSORI / ACCESSORIES

06PT997C0 - Sablé 100 Noir
06PT997A0 - RAL9006
Kit 2 petali
2 petals kit



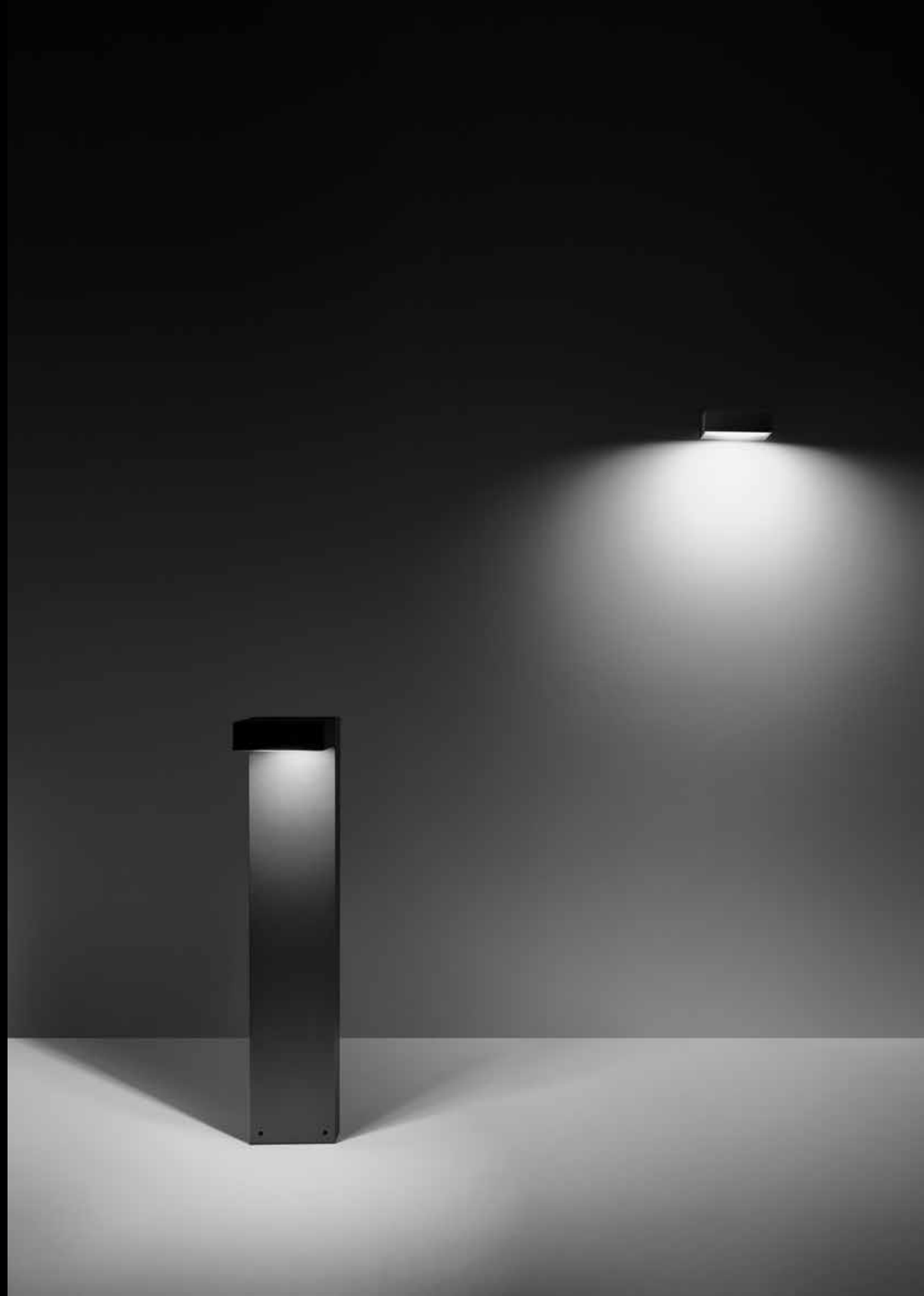
06PT998C0 - Sablé 100 Noir
06PT998A0 - RAL9006
Kit tirafondi con piastra di fissaggio a terra
Anchoring bolts kit with ground-fixing plate



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

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
530 - 550 lm (applique), 480 - 500 lm (bollard)

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

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

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

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

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

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

Installazione / Installation:
parete, terra / wall, ground

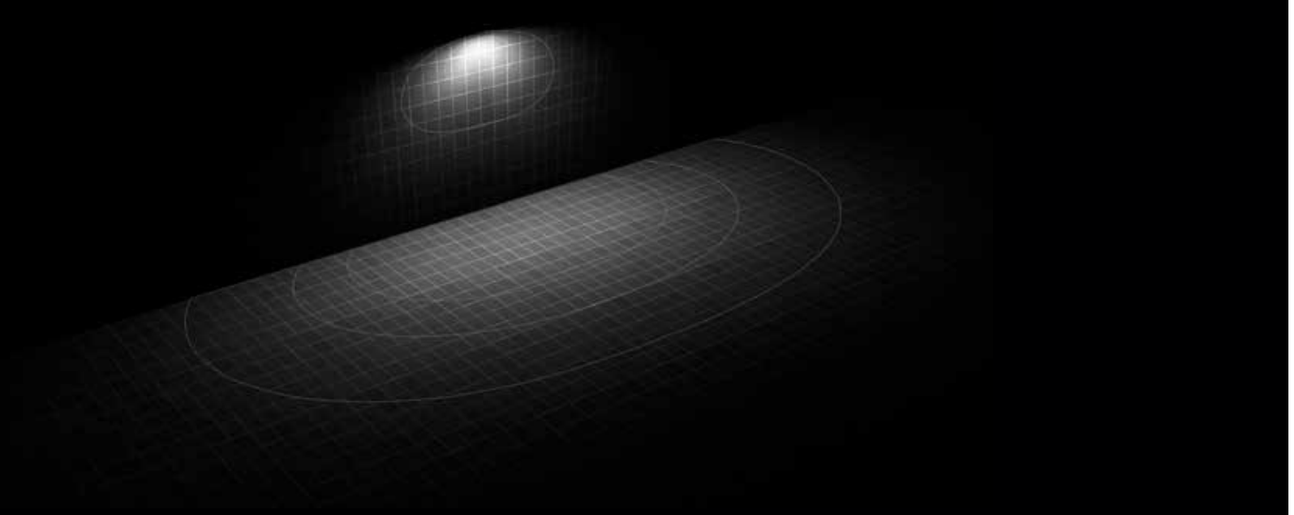
WALL

BOLLARD 1000

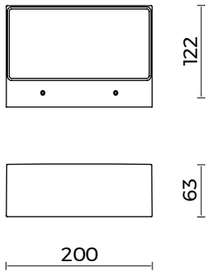
BOLLARD 500

OTTICHE / OPTICS

AS-D Asimmetrica diffondente / Asymmetrical wide beam

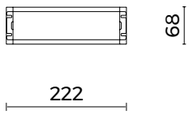


Lit xs
Parete / Wall

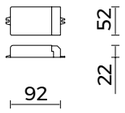


ACCESSORI / ACCESSORIES

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

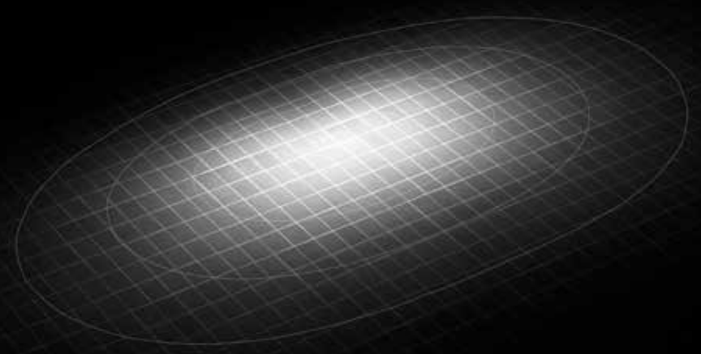


06LX900X0
D1 - Driver DALI 20W 24V IP20
DALI driver 20W 24V IP20

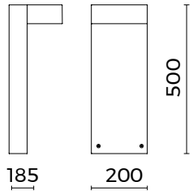


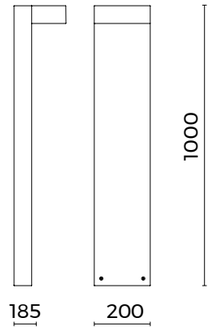
OTTICHE / OPTICS

AS-D Asimmetrica diffondente / Asymmetrical wide beam



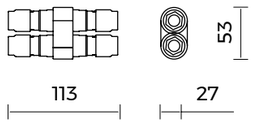
Lit xs
Bollard



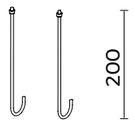


ACCESSORI / ACCESSORIES

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



06LX931J0
Kit tirafondi
Kit metal anchors



APLOS

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

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

MONTE ISOLA
Italy

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

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
265 - 290 lm

Potenza apparecchio / Fitting power:
7,5 W

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

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

MATERIALI / MATERIALS

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

Collimatore ottico / Optical collimator:
nylon PA66

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

CARATTERISTICHE / FEATURES

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

Alimentazione elettronica / Electronic power supply:
inclusa / included

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

Installazione / Installation:
parete, terra / wall, ground

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

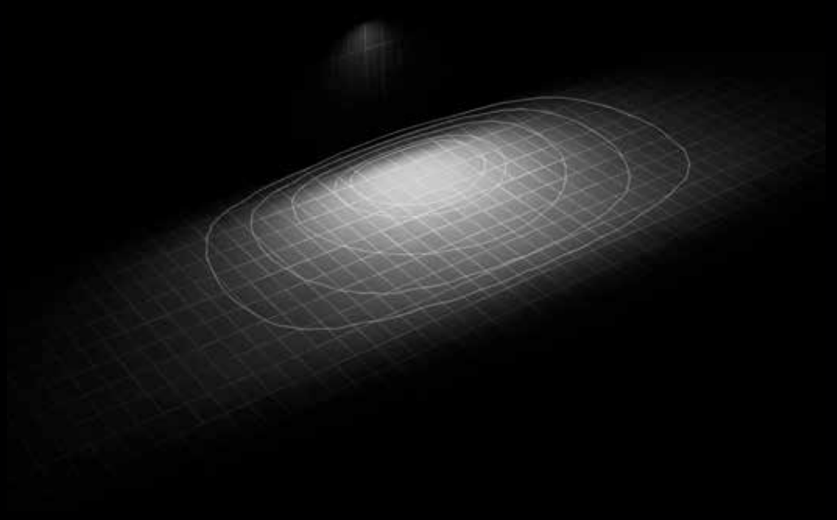
- 3000 K
- 4000 K

INCASSO PARETE
WALL RECESSED

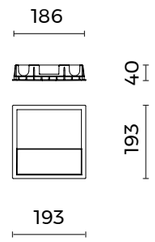
BOLLARD

OTTICHE / OPTICS

AS-D Asimmetrica diffondente / Asymmetrical wide beam



Aplos
Incasso parete / Wall recessed

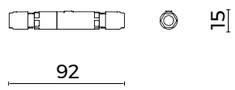


COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- CORTEN
- RAL9003

ACCESSORI / ACCESSORIES

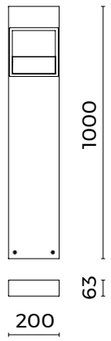
06AP902X0
M2 - Connettore IP68 3P CL I
Connector IP68 3P CL I



OTTICHE / OPTICS

AS-D Asimmetrica diffondente / Asymmetrical wide beam

Aplos
Bollard

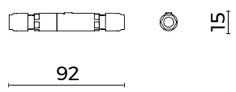


COLORI / COLOURS

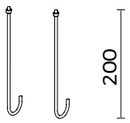
- SABLÉ 100 NOIR
- RAL9006
- CORTEN

ACCESSORI / ACCESSORIES

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



06LT931J0
B168 - Kit tirafondi
Kit metal anchors



FIN

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

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

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

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1215 - 1300 lm

Potenza apparecchio / Fitting power:
16 W

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

CARATTERISTICHE / FEATURES

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

Alimentazione elettronica / Electronic power supply:
inclusa / included

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

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

MATERIALI / MATERIALS

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

Schermo / Screen:
vetro piano sabbiato / sandblasted flat glass

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

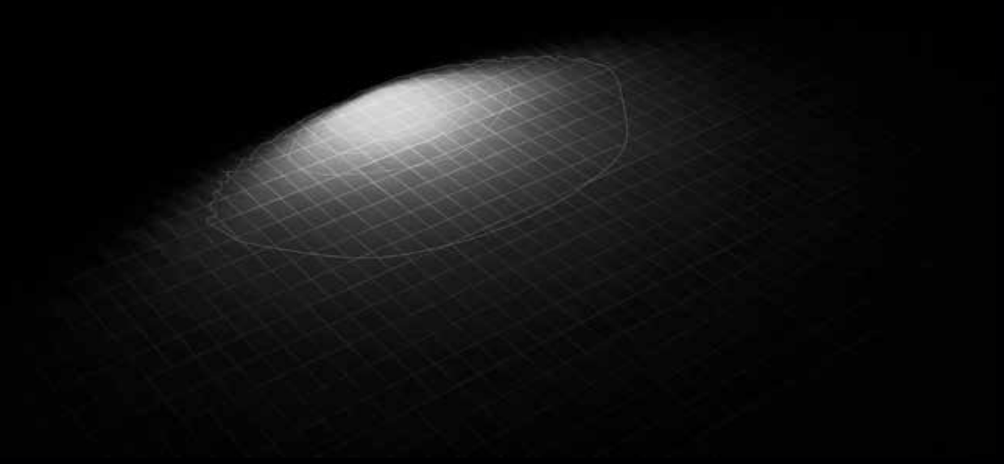
- 3000 K
- 4000 K

INCASSO PARETE
WALL RECESSED

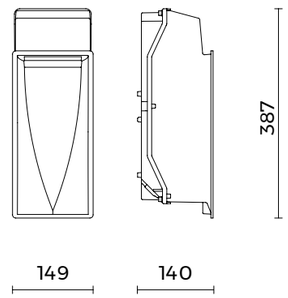
BOLLARD

OTTICHE / OPTICS

AS-D Asimmetrica diffondente / Asymmetricla wide beam



Fin
Incasso parete / Wall recessed

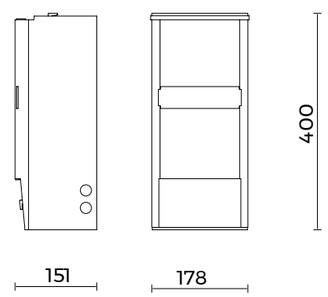


COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- RAL9003

ACCESSORI / ACCESSORIES

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

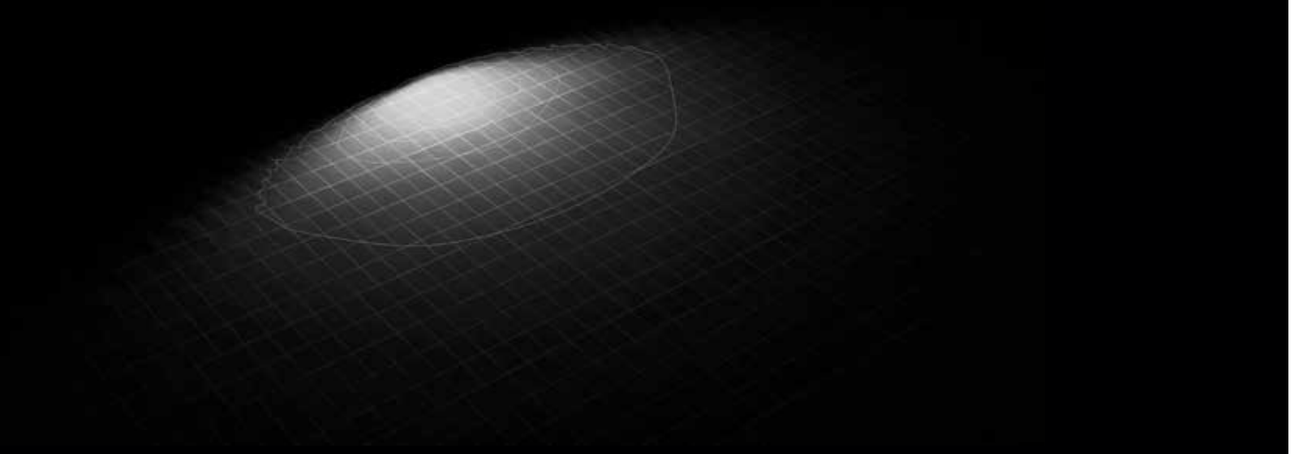


ROME
Italy

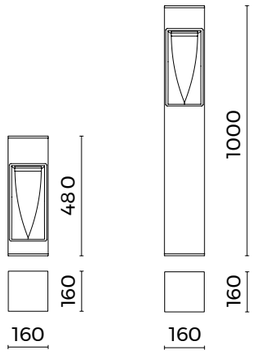
SANT JUST
Spain

OTTICHE / OPTICS

AS-D Asimmetrica diffondente / Asymmetricla wide beam



Fin
Bollard

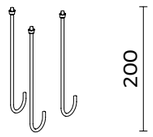


COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006

ACCESSORI / ACCESSORIES

06PY999X0
Kit tirafondi
Anchoring bolts kit



FIN XS

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

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

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

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
95 lm

Potenza apparecchio / Fitting power:
4,5 W

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

CARATTERISTICHE / FEATURES

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

Alimentazione elettronica / Electronic power supply:
inclusa / included

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

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

MATERIALI / MATERIALS

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

Schermo / Screen:
vetro piano sabbiato / sandblasted flat glass

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

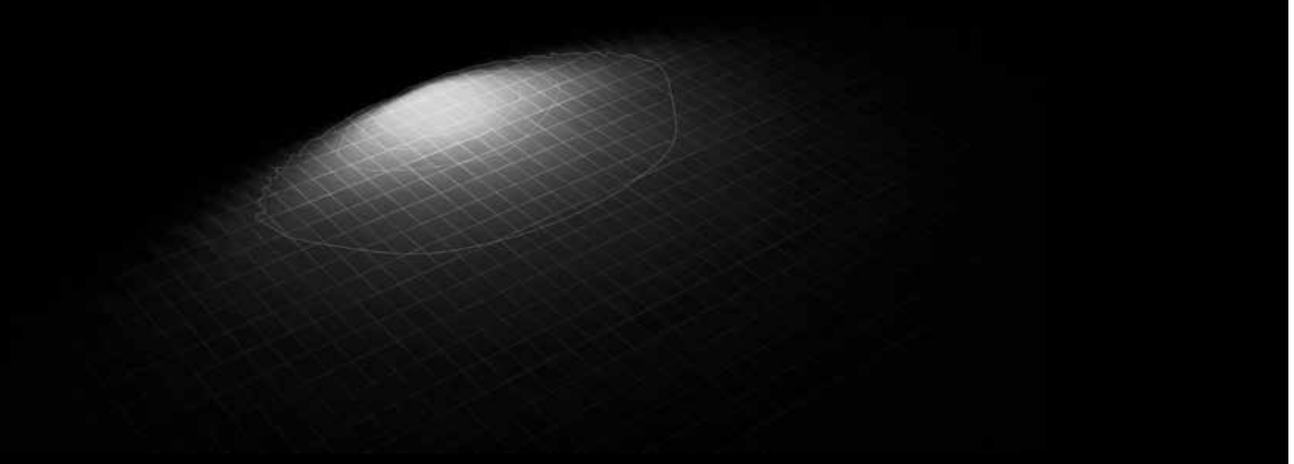
- 3000 K
- 4000 K

INCASSO PARETE
WALL RECESSED

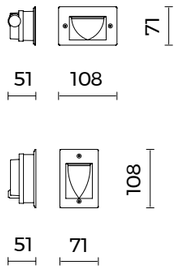
BOLLARD

OTTICHE / OPTICS

AS-D Asimmetrica diffondente / Asymmetricla wide beam



Fin
Incasso Parete / Wall recessed



COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- RAL9003

SUKOŠAN
Croatia

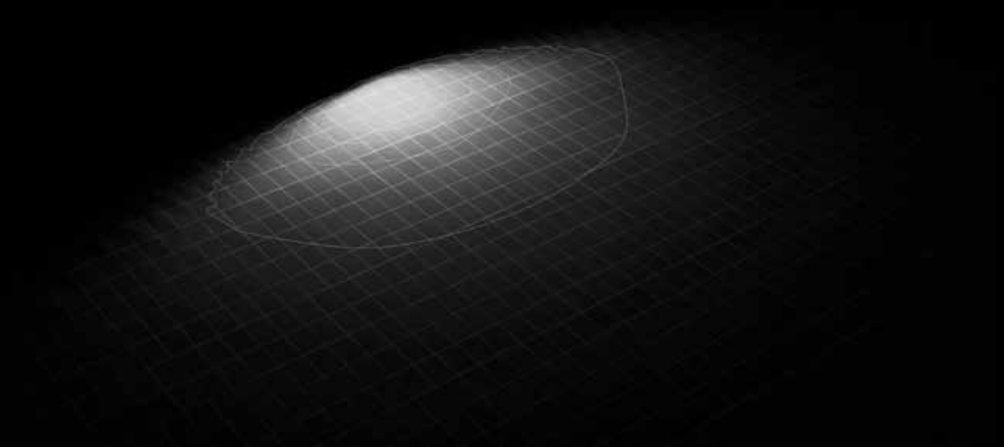
VODICE
Croatia

SAVONA
Italy

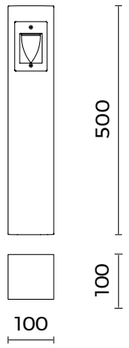
IBIZA
Spain

OTTICHE / OPTICS

AS-D Asimmetrica diffondente / Asymmetricla wide beam



Fin xs
Bollard

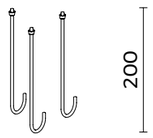


COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- RAL9003

ACCESSORI / ACCESSORIES

06PY999X0
Kit tirafondi
Anchoring bolts kit



EKLEIPSIS

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

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

BERGAMO
Italy

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

* Bollard, pole ** Bollard small

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
472 - 2073 lm

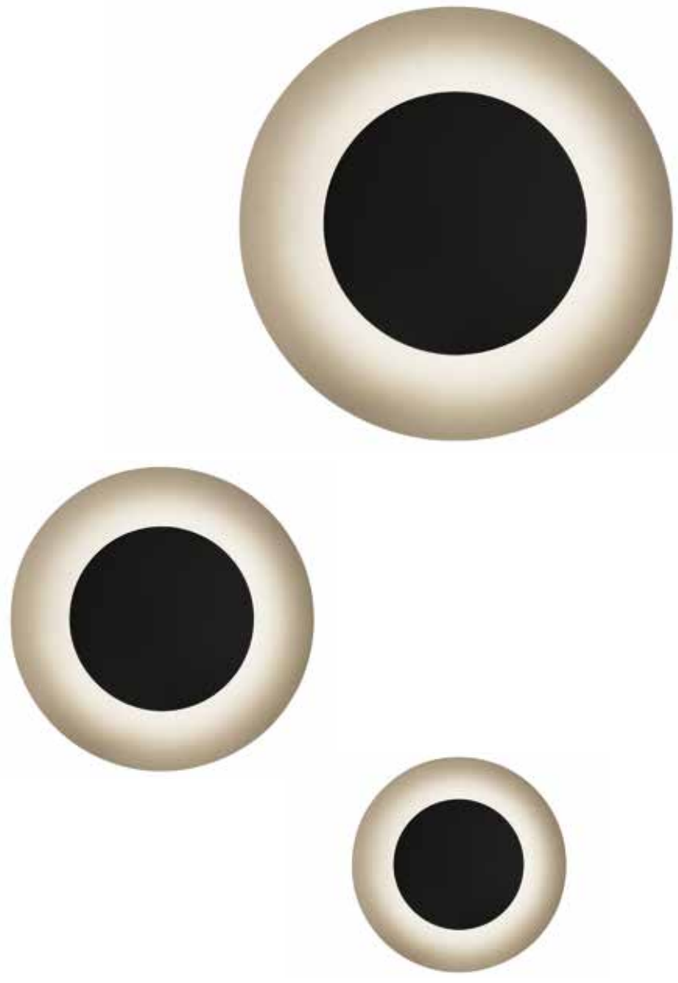
Potenza apparecchio / Fitting power:
13 - 50 W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K



MATERIALI / MATERIALS

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

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

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

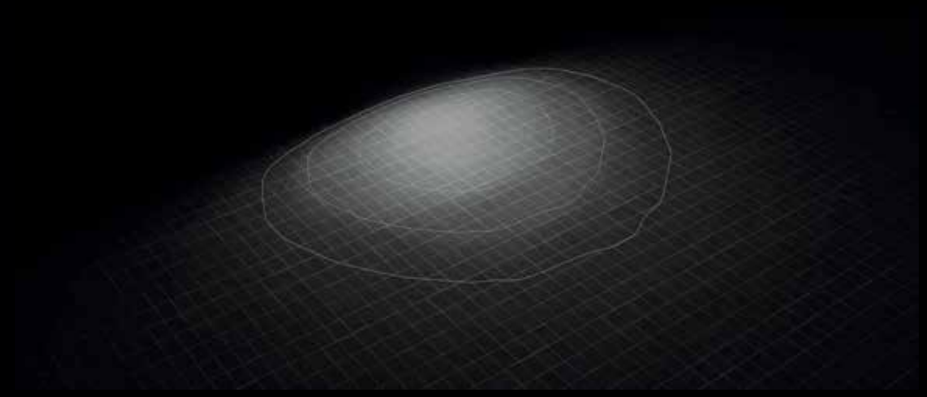
CARATTERISTICHE / FEATURES

Alimentazione elettronica / Electronic power supply:
inclusa / included

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

OTTICHE / OPTICS

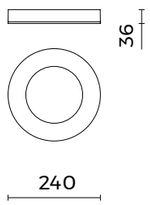
R-D Rotosimmetrica diffondente / Rotosymmetrical wide beam



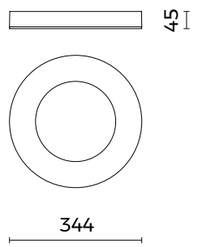
Ekleipsis
Parete / Wall

Cariboni Group

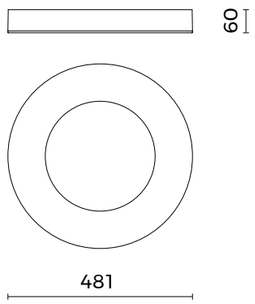
SMALL



MEDIUM



LARGE



DATI TECNICI / TECHNICAL DATA

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

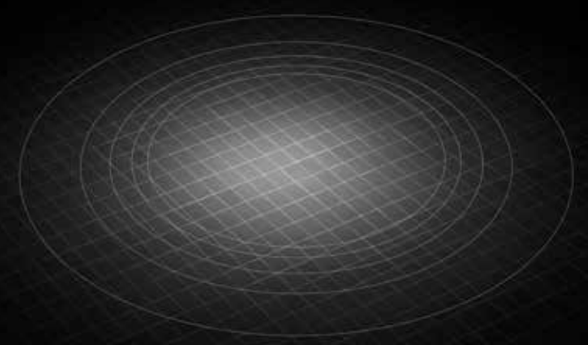
Installazione / Installation:
parete /wall-mounted

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- RAL9003

OTTICHE / OPTICS

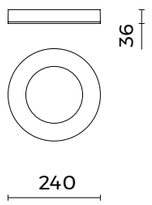
R-D Rotosimmetrica diffondente / Rotosymmetrical wide beam



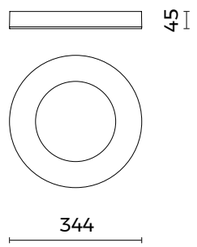
Ekleipsis
Soffitto / Ceiling

Cariboni Group

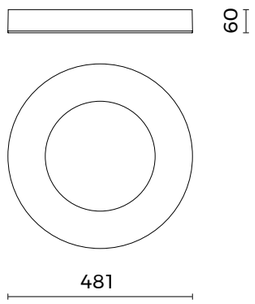
SMALL



MEDIUM



LARGE



DATI TECNICI / TECHNICAL DATA

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

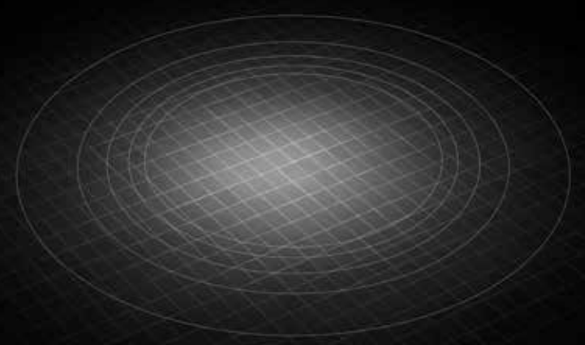
Installazione / Installation:
soffitto / ceiling-mounted

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- RAL9003

OTTICHE / OPTICS

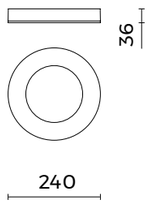
R-D Rotosimmetrica diffondente / Rotosymmetrical wide beam



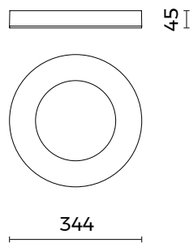
Ekleipsis

Incasso soffitto / Ceiling recessed

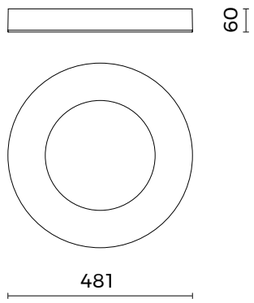
SMALL



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

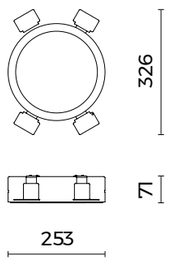
COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- RAL9003

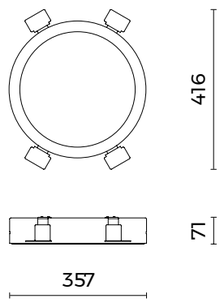
ACCESSORI / ACCESSORIES

Kit incasso per soffitti in cartongesso
Recessed kit for plasterboard ceilings

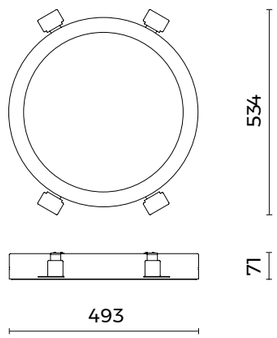
06EK900J
Small



06EK901J
Medium



06EK902J
Large



SUKOŠAN
Croatia

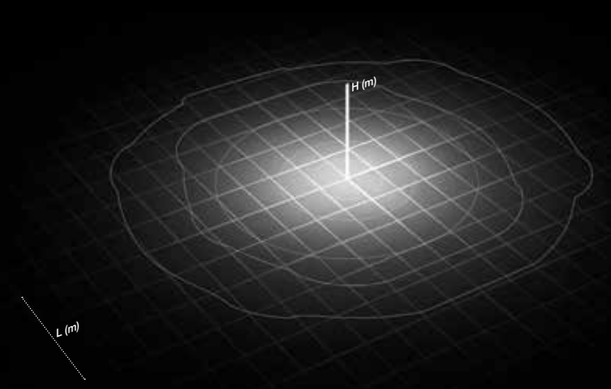
BRATISLAVA
Slovakia

BERGAMO
Italy

VIC
Spain

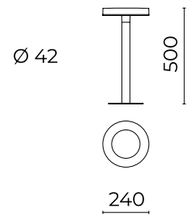
OTTICHE / OPTICS

R-D Rotosimmetrica diffondente / Rotosymmetrical wide beam

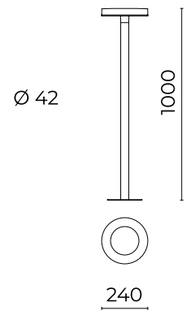


Ekleipsis
Bollard

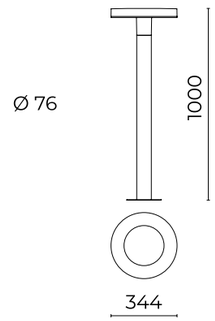
SMALL 500



SMALL 1000



MEDIUM 1000



DATI TECNICI / TECHNICAL DATA

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

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

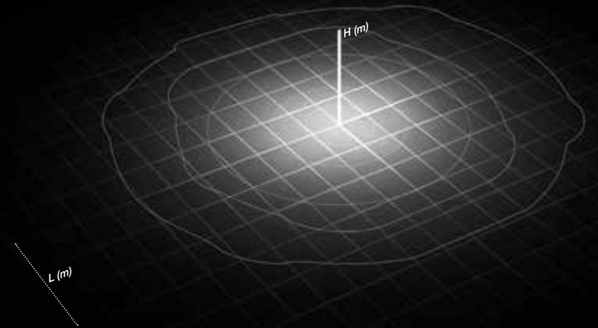
Installazione / Installation:
terra, con piastra di base
ground, with base plate

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006

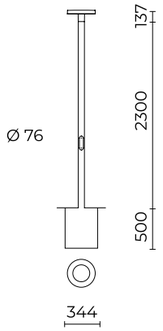
OTTICHE / OPTICS

R-D Rotosimmetrica diffondente / Rotosymmetrical wide beam

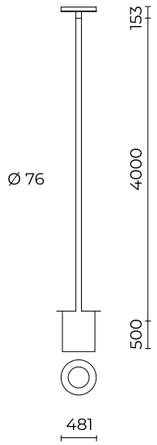


Ekleipsis
Palo / Pole

MEDIUM



LARGE



DATI TECNICI / TECHNICAL DATA

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

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

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

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006

OMIKRON MINI

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

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

MILAN
Italy

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

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
80 - 545 lm

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

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

CARATTERISTICHE / FEATURES

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

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

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

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

MATERIALI / MATERIALS

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

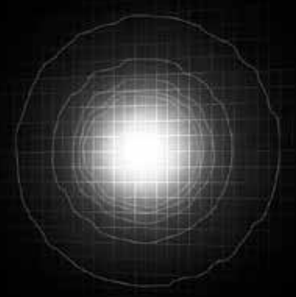
Schermo / Screen:
vetro piano temprato / tempered flat glass

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

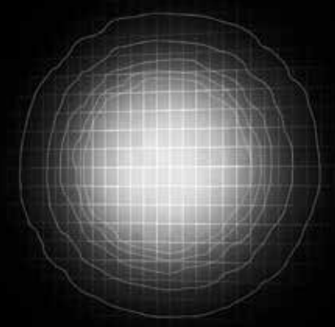
Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

OTTICHE / OPTICS

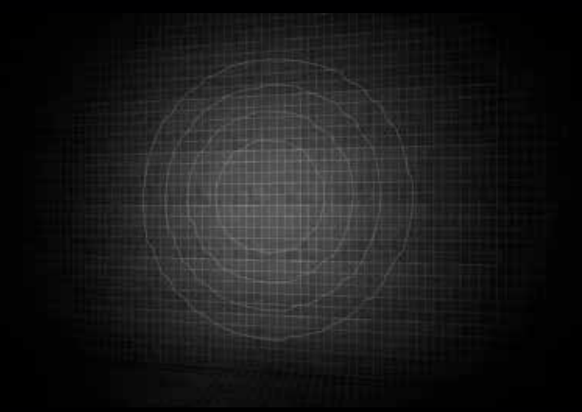
Spot 10°



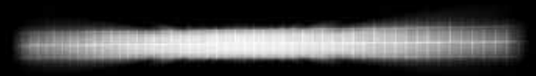
Spot 25°



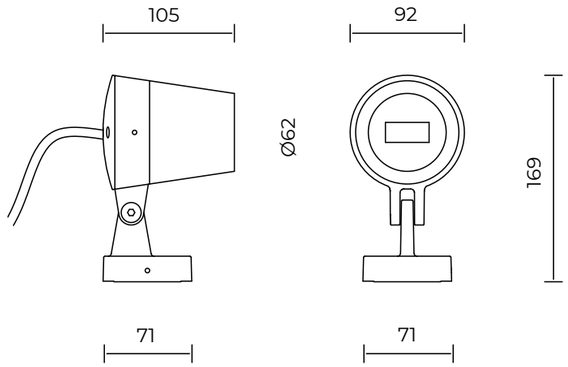
U-D 90°
Ultra-diffondente / Ultra-wide beam



Blade 6°x90°

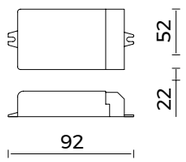


Omikron mini
Flood

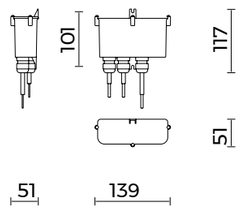


ACCESSORI / ACCESSORIES

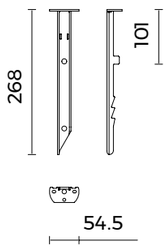
06OM902X0
D6 - Driver DALI 20W 24V
IP20 max 2 Omikron mini
DALI driver 20W 24V IP20
max 2 Omikron mini



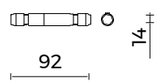
06OM903X0
D7 - Kit driver DALI 20W 24V
IP67 max 2 Omikron mini
Driver kit DALI 20W 24V IP67
max 2 Omikron mini



06AK957B0
I2 - Picchetto per interramento
Spike for ground



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

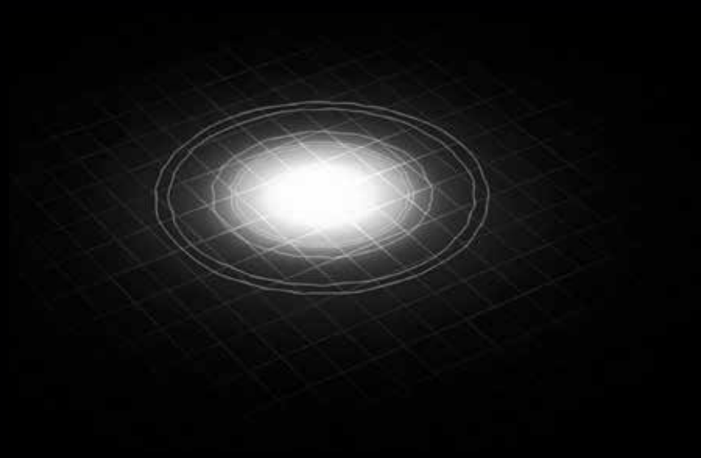


COLORI / COLOURS

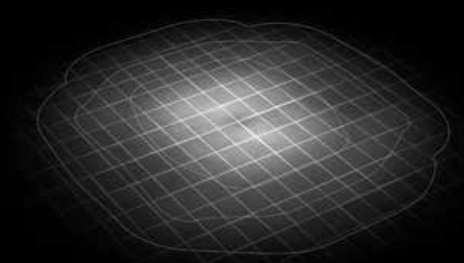
- SABLÉ 100 NOIR
- RAL9006
- CORTEN
- RAL9003

OTTICHE / OPTICS

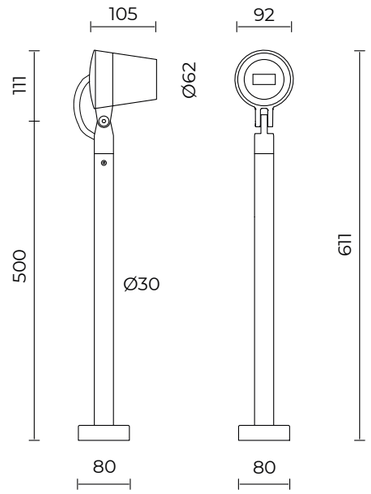
Spot 25°



U-D 90°
Ultra-diffondente / Ultra-wide beam



Omikron mini
Bollard

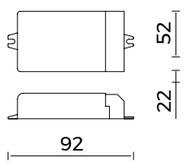


COLORI / COLOURS

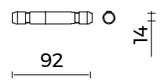
- SABLÉ 100 NOIR
- RAL9006

ACCESSORI / ACCESSORIES

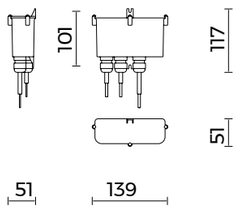
06OM902X0
D6 - Driver DALI 20W 24V IP20 max 2 Omikron mini
DALI driver 20W 24V IP20 max 2 Omikron mini



06GC902X0
B165 - Connettore 2 poli
2 pole connector

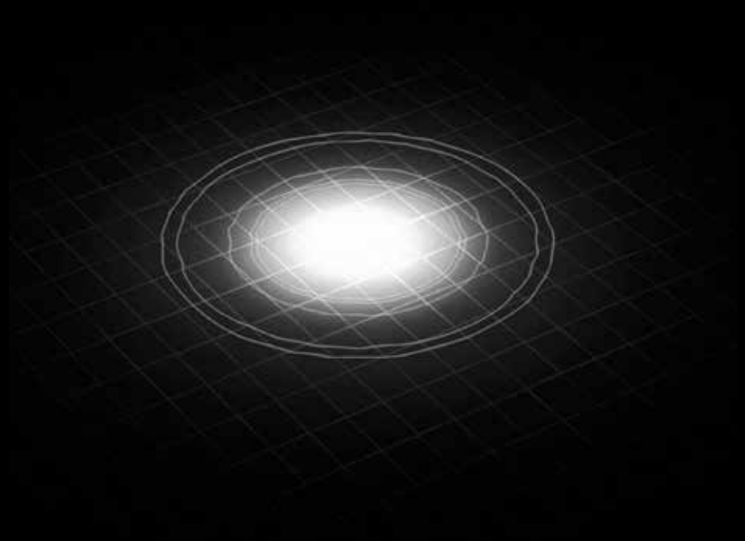


06OM903X0
D7 - Kit driver DALI 20W 24V IP67 max 2 Omikron mini / Driver kit
DALI 20W 24V IP67 max 2 Omikron mini

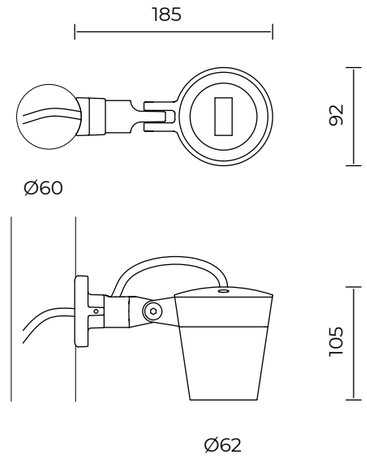


OTTICHE / OPTICS

Spot 25°

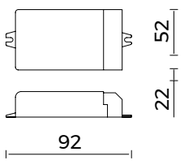


Omikron mini
Pole

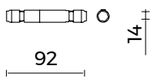


ACCESSORI / ACCESSORIES

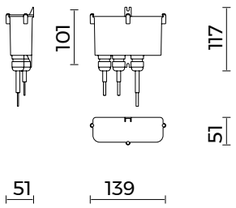
06OM902X0
D6 - Driver DALI 20W 24V IP20 max 2 Omikron mini
DALI driver 20W 24V IP20 max 2 Omikron mini



06GC902X0
B165 - Connettore 2 poli / 2 pole connector



06OM903X0
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

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1260 - 1310 lm

Potenza apparecchio / Fitting power:
20W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
2 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

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

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

MATERIALI / MATERIALS

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

Schermo / Screen:
vetro piano temprato
tempered flat glass

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

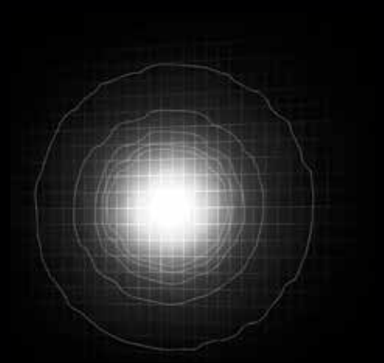
Finitura / Finish:
fosfocromatazione e verniciatura in polveri di poliestere realizzata in 16 fasi per la miglior resistenza agli agenti atmosferici / phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

COLORI / COLOURS

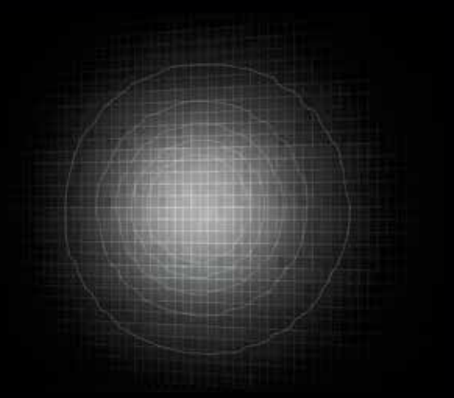
- SABLÉ 100 NOIR

OTTICHE / OPTICS

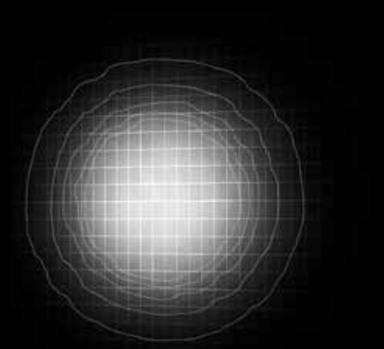
C 10° Concentrante / Narrow beam



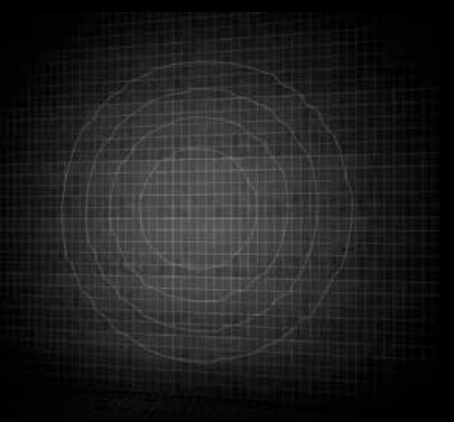
D 45° Diffondente / Wide beam



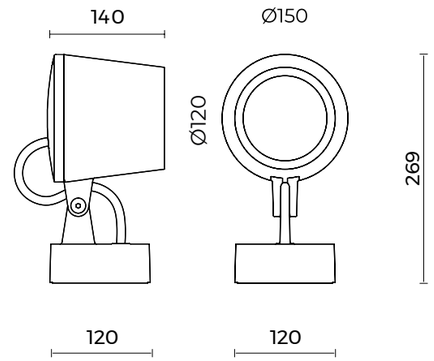
M 25° Fascio medio / Medium beam



U-D 90° Ultra-diffondente / Ultra-wide beam



Omikron
Flood



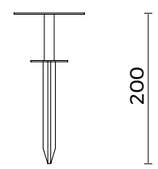
DATI TECNICI / TECHNICAL DATA

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

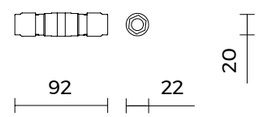
Inclinazione / Inclination:
+90° ÷ -45°, rotazione ±30°
+90° ÷ -45°, rotation ±30°

ACCESSORI / ACCESSORIES

06OM901C0
B135 - Picchetto per interramento
Spike for ground installation



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

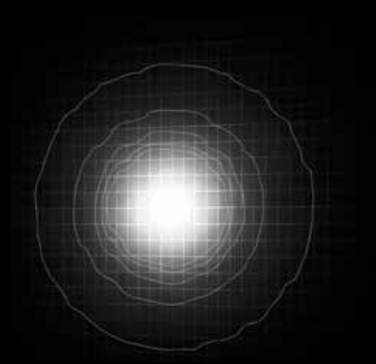


OMEGNA
Italy

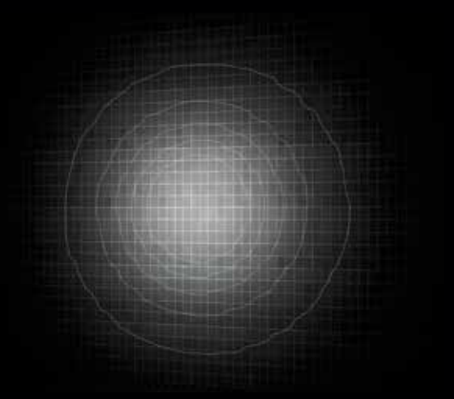
MONTIGNOSO
Italy

OTTICHE / OPTICS

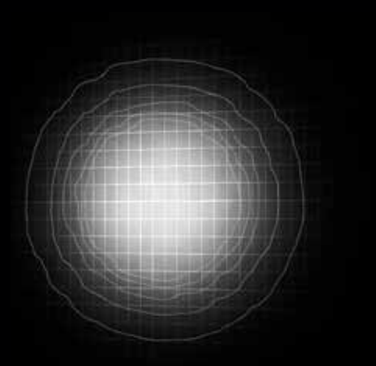
C 10° Concentrante / Narrow beam



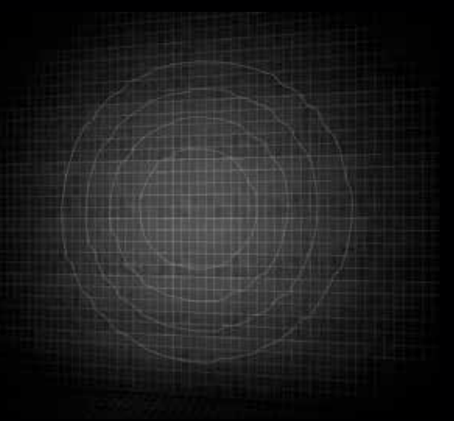
D 45° Diffondente / Wide beam



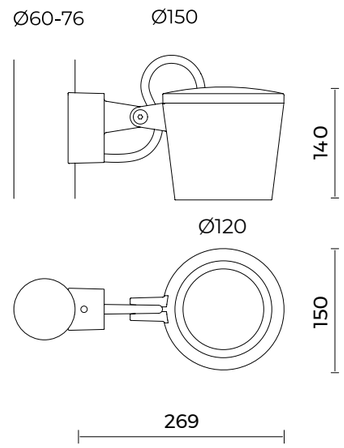
M 25° Fascio medio / Medium beam



U-D 90° Ultra-diffondente / Ultra-wide beam



Omikron
Pole



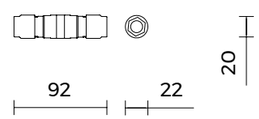
DATI TECNICI / TECHNICAL DATA

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

Inclinazione / Inclination:
+90° ÷ -45°

ACCESSORI / ACCESSORIES

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

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1765 - 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

MATERIALI / MATERIALS

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

Schermo / Screen:
vetro piano temprato / tempered flat glass

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

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

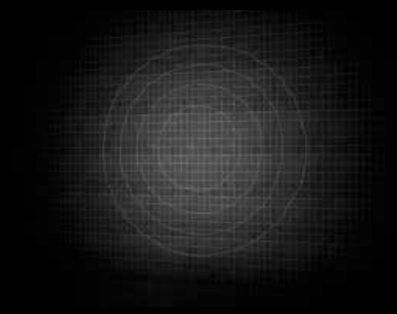
OTTICHE / OPTICS

U-C 6° Ultra-concentrante / Ultra-narrow beam

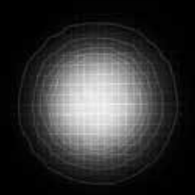
D 40° Diffondente / Wide beam

C 11° Concentrante / Narrow beam

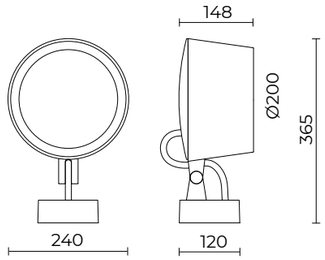
U-D 90° Ultra-diffondente / Ultra-wide beam



M 25° Fascio medio / Medium beam



Omikron pro
Flood



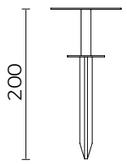
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
terra, parete / ground, wall

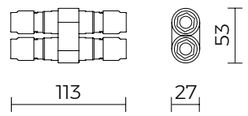
Inclinazione / Inclination:
-90° ÷ +45°, rotazione +15° ÷ -15°
+90° ÷ -45°, rotation +15° ÷ -15°

ACCESSORI / ACCESSORIES

06OM901C0
B135 - Picchetto per interramento
Spike for ground installation



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



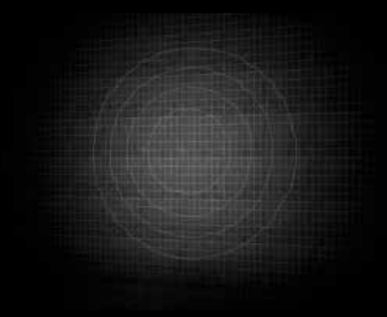
OTTICHE / OPTICS

U-C 6° Ultra-concentrante / Ultra-narrow beam

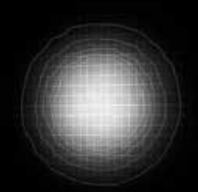
D 40° Diffondente / Wide beam

C 11° Concentrante / Narrow beam

U-D 90° Ultra-diffondente / Ultra-wide beam

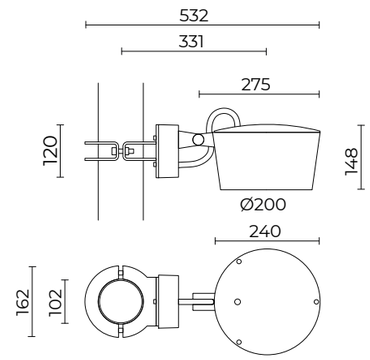


M 25° Fascio medio / Medium beam



Omikron pro

Pole



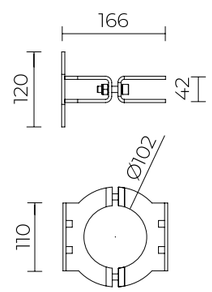
DATI TECNICI / TECHNICAL DATA

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

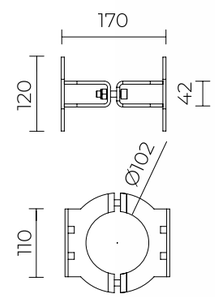
Inclinazione / Inclination:
+90° ÷ -45°, rotazione +15° ÷ -15°
+90° ÷ -45°, rotation +15° ÷ -15°

ACCESSORI / ACCESSORIES

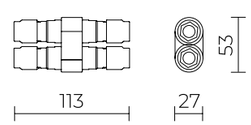
06OM904C0
B136 - Anello per palo
Ring for pole



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



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



SIGMA

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

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

BUSSETO
Italy

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

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1765 - 11485 lm

Potenza apparecchio / Fitting power:
19 - 107 W

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

Illuminazione intelligente / Smart lighting:
DALI

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

CARATTERISTICHE / FEATURES

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

Alimentazione elettronica / Electronic power supply:
inclusa / included

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

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

MATERIALI / MATERIALS

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

Schermo / Screen:
vetro piano temprato / tempered flat glass

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

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

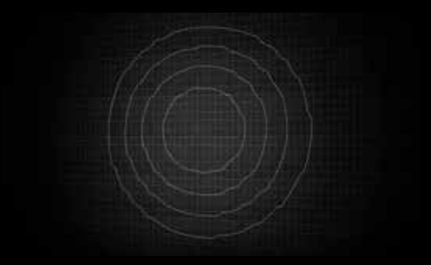
COLORI / COLOURS

- SABLÉ 100 NOIR

OTTICHE / OPTICS

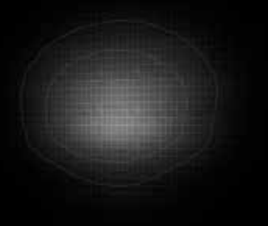
U-C 6° Ultra-concentrante / Ultra-narrow beam

U-D 90° Ultra-diffondente / Ultra-wide beam



C 11° Concentrante / Narrow beam

W-W Wall washer



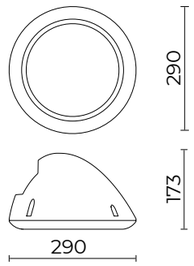
M 25° Fascio medio / Medium beam

E 12°- 50° Elissoidale / Ellipsoidal

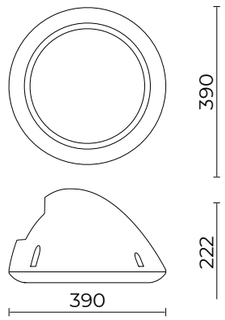
D 40° Diffondente / Wide beam

Sigma
Flood

SMALL



MEDIUM



DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
parete, terra con accessori
wall-mounted, ground with accessories

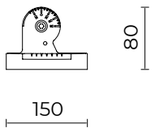
Inclinazione / Inclination:
-90° ÷ +35°; rotazione ±30°
-90° ÷ +35°, rotation ±30°

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

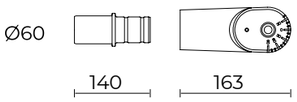
Sigma
Flood

ACCESSORI / ACCESORIOS

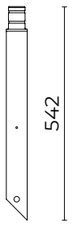
06SG903C0
B127 - Base di fissaggio ruotabile ±30°
Fixing base which can be rotated ±30°



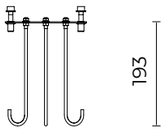
06SG904C0
B128 - Giunto per picchetto
Joint for spike



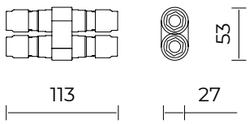
06LT908C0
B117 - Picchetto per interramento
Spike for ground installation



06LT909J0
B118 - Ancore per calcestruzzo
Anchor for concrete



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

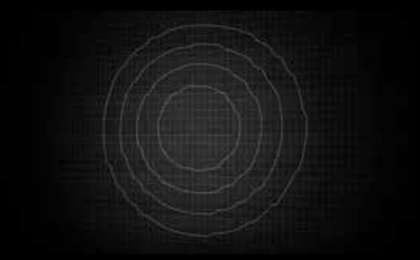


PIACENZA
Italy

OTTICHE / OPTICS

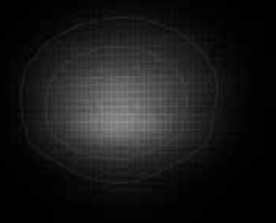
U-C 6° Ultra-concentrante / Ultra-narrow beam

U-D 90° Ultra-diffondente / Ultra-wide beam



C 11° Concentrante / Narrow beam

W-W Wall washer



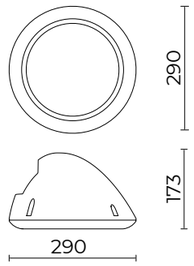
M 25° Fascio medio / Medium beam

E 12°- 50° Elissoidale / Ellipsoidal

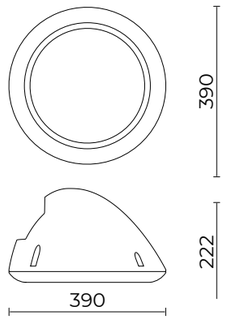
D 40° Diffondente / Wide beam

Sigma
Pole

SMALL



MEDIUM



DATI TECNICI / TECHNICAL DATA

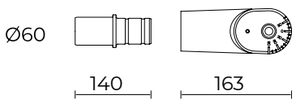
Installazione / Installation:
con accessorio 06SG904C0 su bracci Ø 60 mm, per pali Ø 60 - 76 - 102 mm / with accessory 06SG904C0 on arms Ø 60 mm, for poles Ø 60 - 76 - 102 mm

Inclinazione / Inclination:
-90° ÷ -35

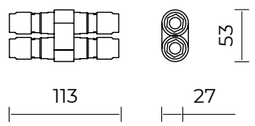
Rotazione ottica elissoidale / Ellipsoidal optics rotation:
possibilità di rotazione di 360° dell'ottica elissoidale dall'esterno, senza l'uso di utensili, con il prodotto installato ed acceso per l'ottimizzazione del puntamento / the ellipsoidal optic can be rotated on 360° from outside, without the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

ACCESSORI / ACCESSORIES

06SG904C0
B128 - Giunto orientabile
Adjustable joint



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

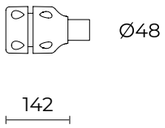


Sigma
Pole

ACCESSORI E BRACCI / ACCESSORIES AND ARMS

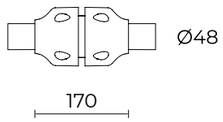
01AK903C0
L3 - Kit giunto per palo
Joint kit for pole

Ø60÷76



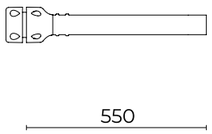
01AK904C0
L4 - Kit giunto doppio per palo
Double joint kit for pole

Ø60÷76



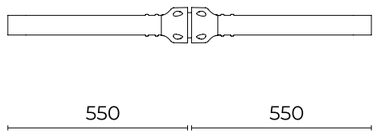
01AK921C0
B1 - Braccio per pali
Arm for poles

Ø60÷76



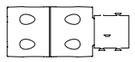
01AK922C0
B2 - Braccio doppio per pali
Double arm for poles

Ø60÷76



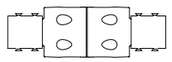
06AK916C0
B139 - Anello per pali
Ring for poles

Ø102



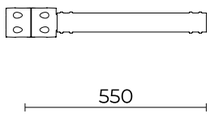
06AK917C0
B140 - Anello doppio per pali
Double ring for poles

Ø102



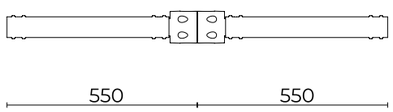
06AK907C0
B155 - Braccio per pali
Arm for poles

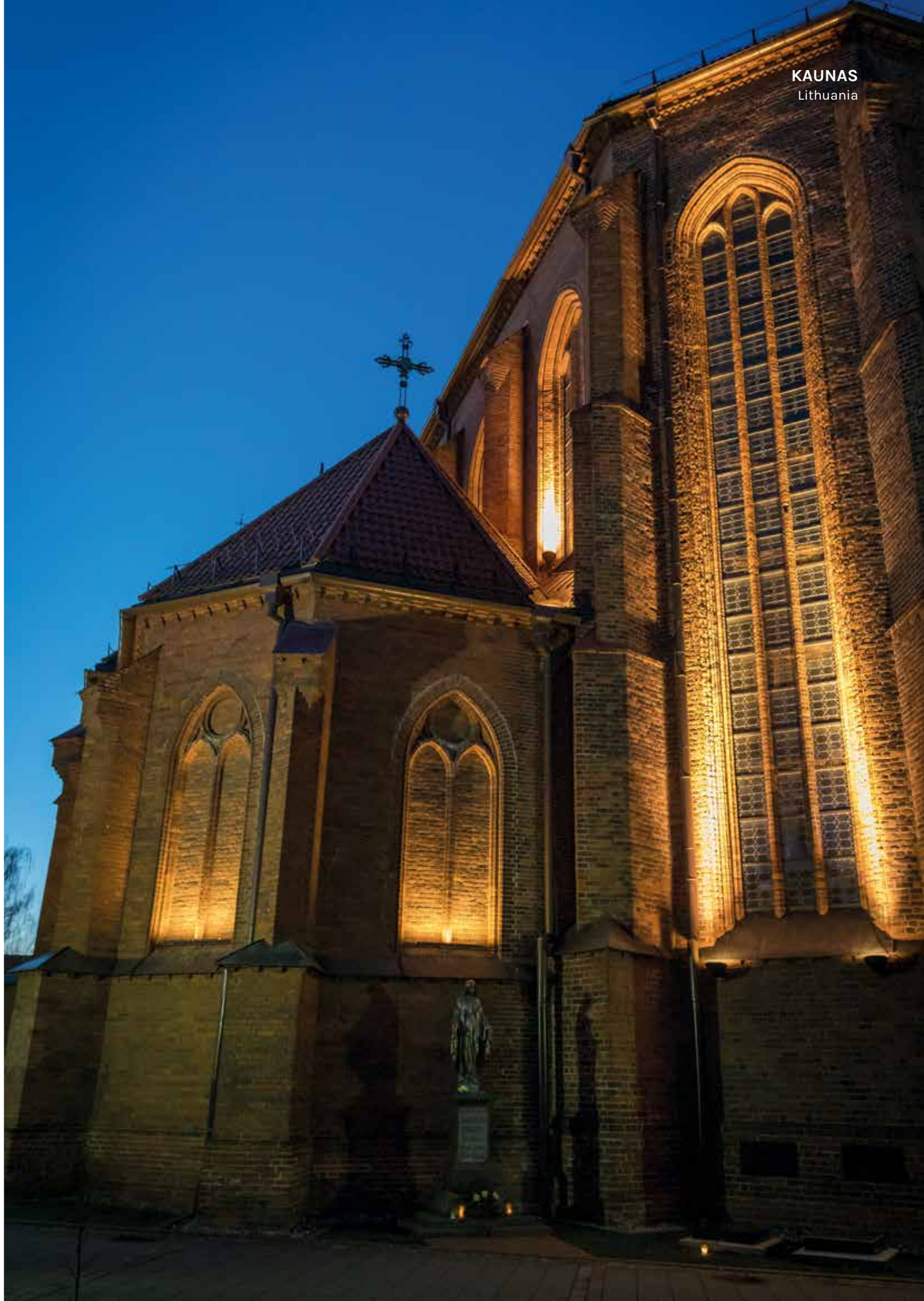
Ø102



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

Ø102

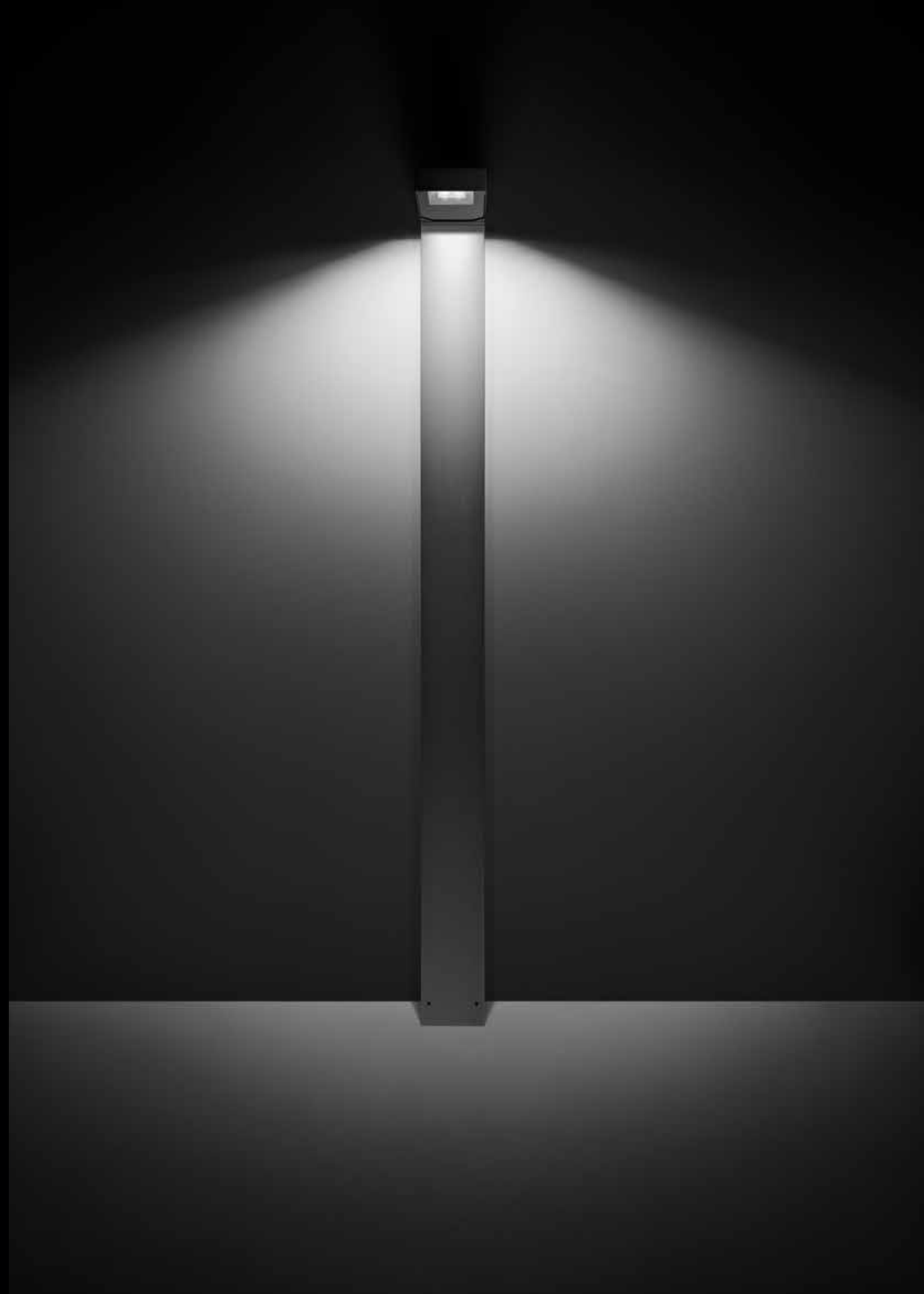




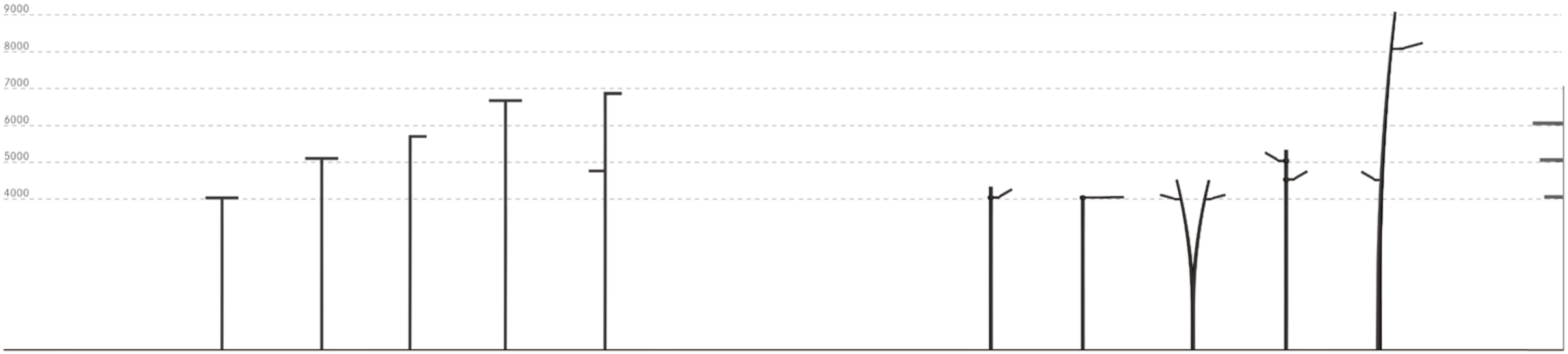
LIT

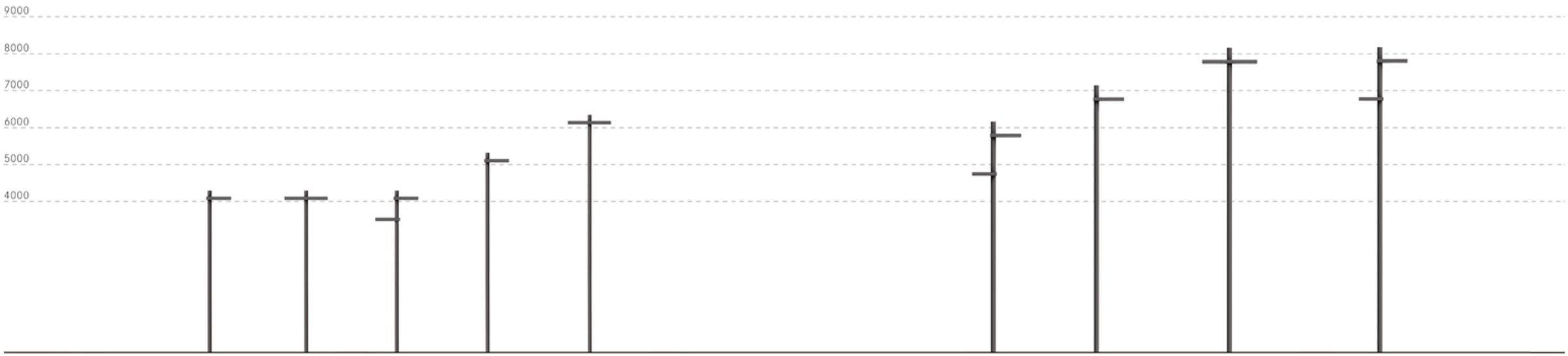
LIT è un sistema completo e flessibile per l'illuminazione di vuoti e pieni urbani con una forma essenziale, moderna ed elegante.

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



GENOVA
Italy


9000
8000
7000
6000
5000
4000


9000
8000
7000
6000
5000
4000

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

CE ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
2040 - 16730 lm

Potenza apparecchio / Fitting power:
18 - 133,5 W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

MATERIALI / MATERIALS

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

Schermo / Screen:
vetro piano temprato
tempered flat glass

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

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

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

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

Alimentazione elettronica / Electronic power supply:
inclusa / included

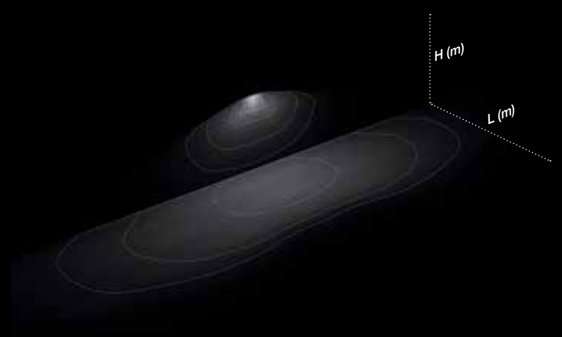
Resistenza sovratensioni / Surge Protection Device:
MC 10 kV
MD 6 kV (Flood 2), 10 kV (Flood 1)

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

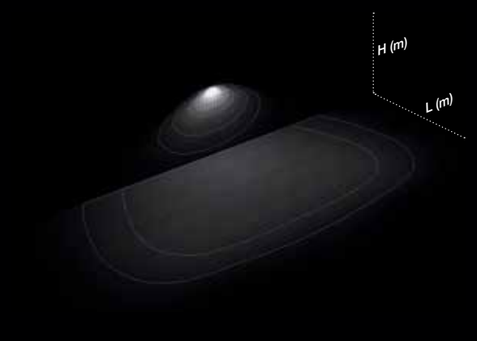
Installazione / Installation:
parete, soffitto, terra, palo
wall, ceiling, ground, pole

OTTICHE / OPTICS

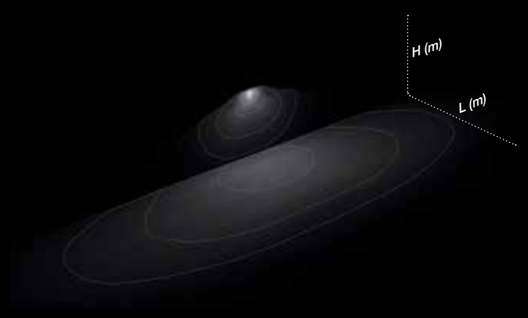
ME-03 Asimmetrica stradale / Street asymmetrical
L / H = 1,1



LT-62 Asimmetrica / Asymmetrical
L / H = 2



LA-02 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



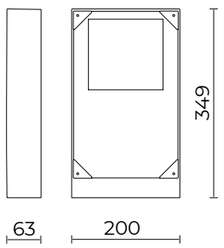
Lit
Flood 1

DATI TECNICI / TECHNICAL DATA

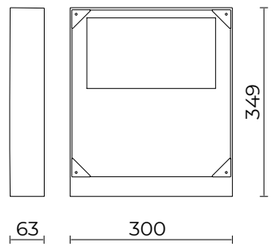
Installazione / Installation:
parete, soffitto, terra
wall, ceiling, ground

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

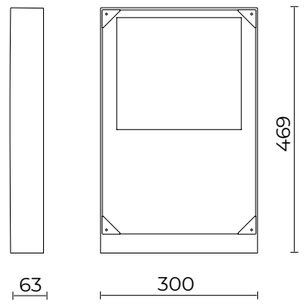
SMALL



MEDIUM



LARGE

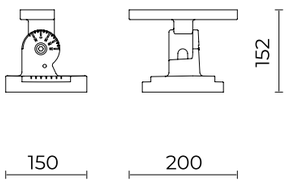


Lit
Flood 1

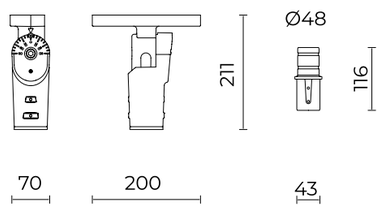
ACCESSORI / ACCESSORIES

LIT SMALL

06LT901C0
B110 - Giunto orientabile
Adjustable joint

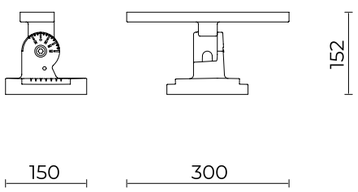


06LT903C0
B112 - Giunto orientabile per braccio e picchetto
Adjustable joint for bracket and spike

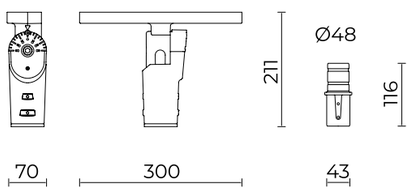


LIT MEDIUM - LARGE

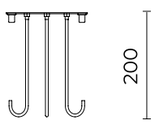
06LT902C0
B111 - Giunto orientabile
Adjustable joint



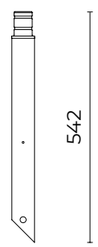
06LT904C0
B114 - Giunto orientabile per braccio e picchetto
Adjustable joint for bracket and spike

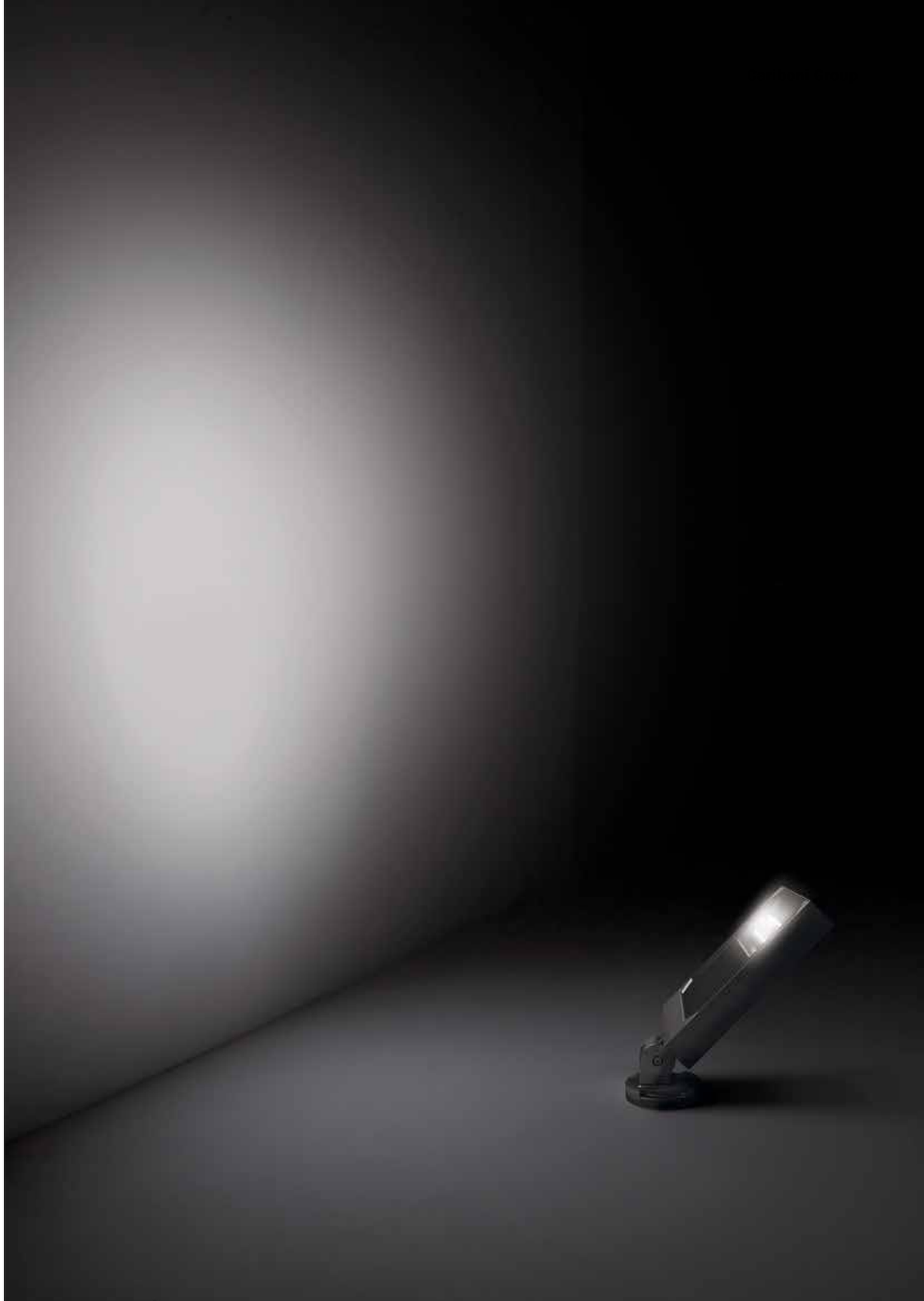


06LT909J0
B118 - Ancore per calcestruzzo
Anchor for concrete



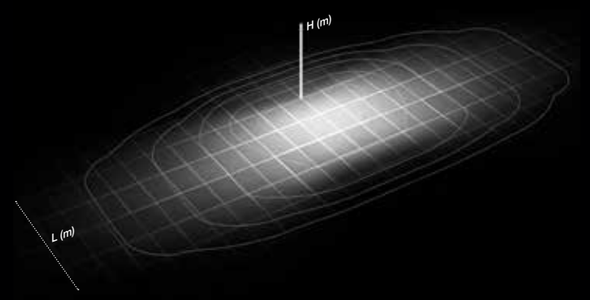
06LT908C0
B117 - Picchetto per interramento
Spike for ground installation



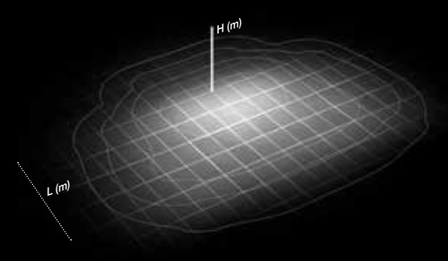


OTTICHE / OPTICS

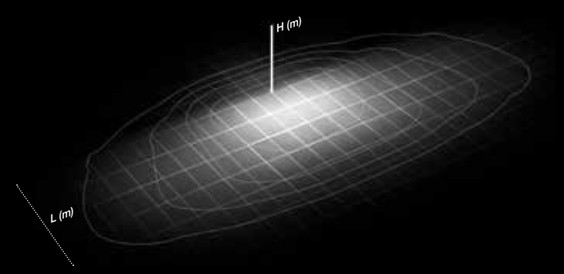
ME-03 Asimmetrica stradale / Street asymmetrical
L / H = 1,1



LT-62 Asimmetrica / Asymmetrical
L / H = 2



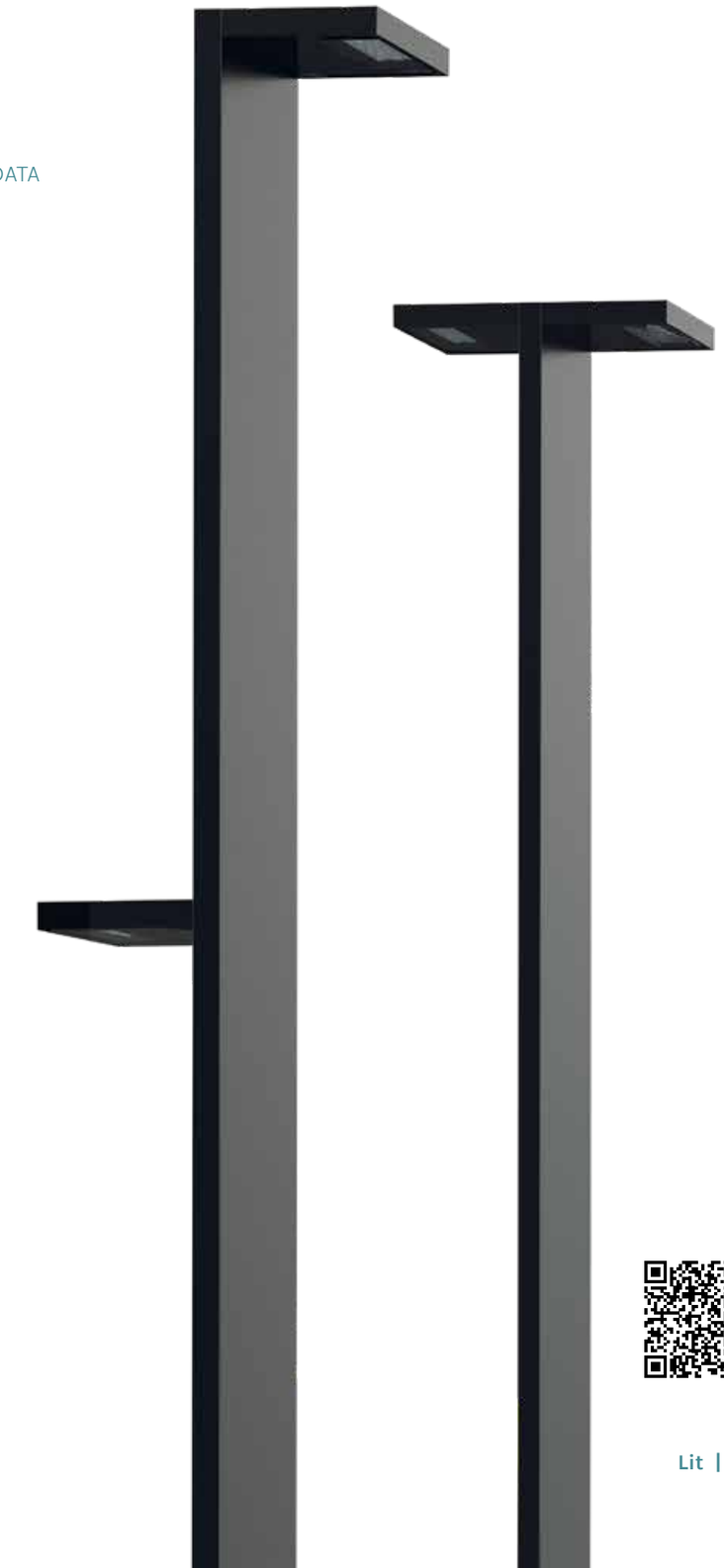
LA-02 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



Lit
System

DATI TECNICI / TECHNICAL DATA

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

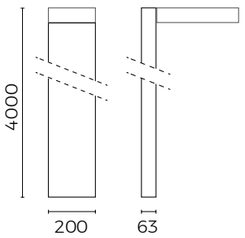


Lit
System

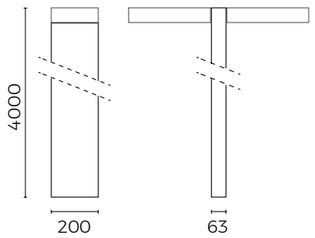
PALI / POLES

LIT SMALL

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

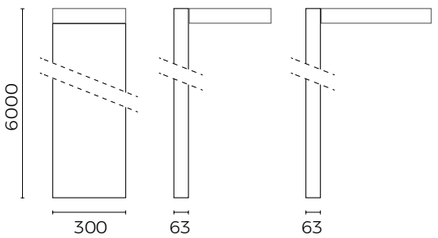


06LT926C0
B160 - Palo in alluminio estruso H 4 m (2 Lit small)
Aluminium extruded pole H 4 m (2 Lit small)

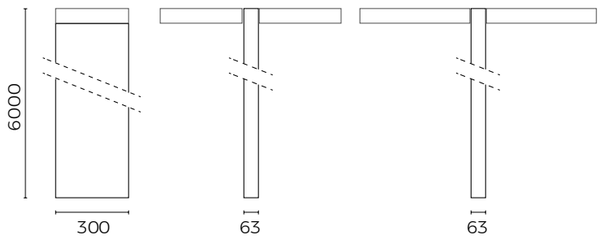


LIT MEDIUM - LARGE

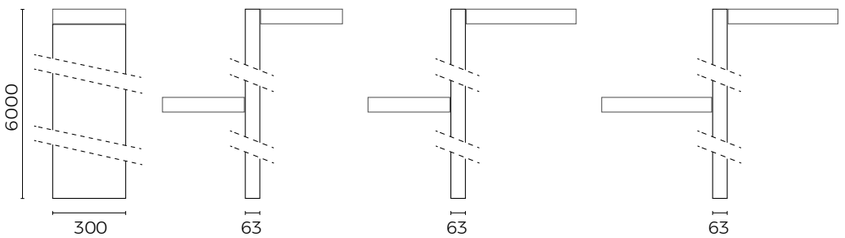
06LT915C0
B124 - Palo in alluminio estruso H 6 m (Lit medium/large) / Aluminium extruded pole H 6 m (Lit medium/large)



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

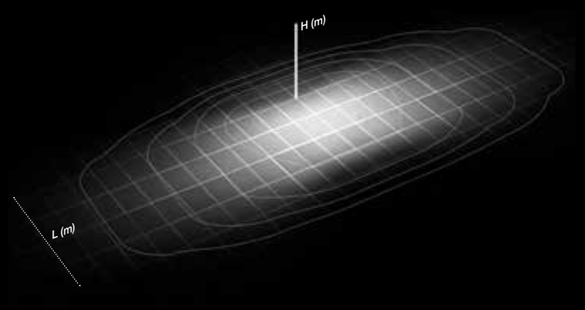


06LT928C0
B162 - Palo in alluminio estruso H 6 m per 2 Lit medium / large (H 4 m e H 6 m)
Aluminium extruded pole H 6 m for 2 Lit medium / large (H 4 m and H 6 m)

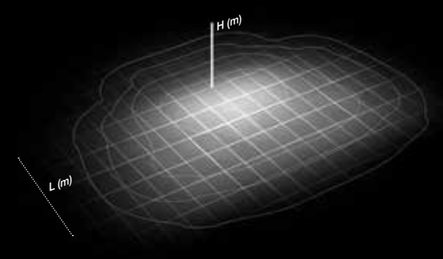


OTTICHE / OPTICS

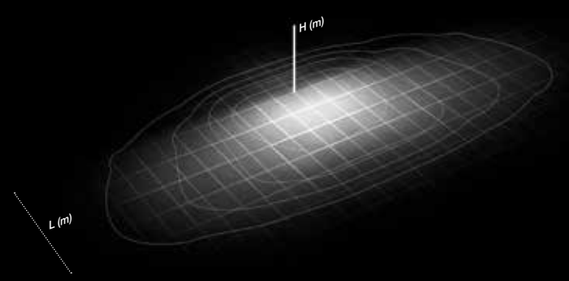
ME-03 Asimmetrica stradale / Street asymmetrical
L / H = 1,1



LT-62 Asimmetrica / Asymmetrical
L / H = 2



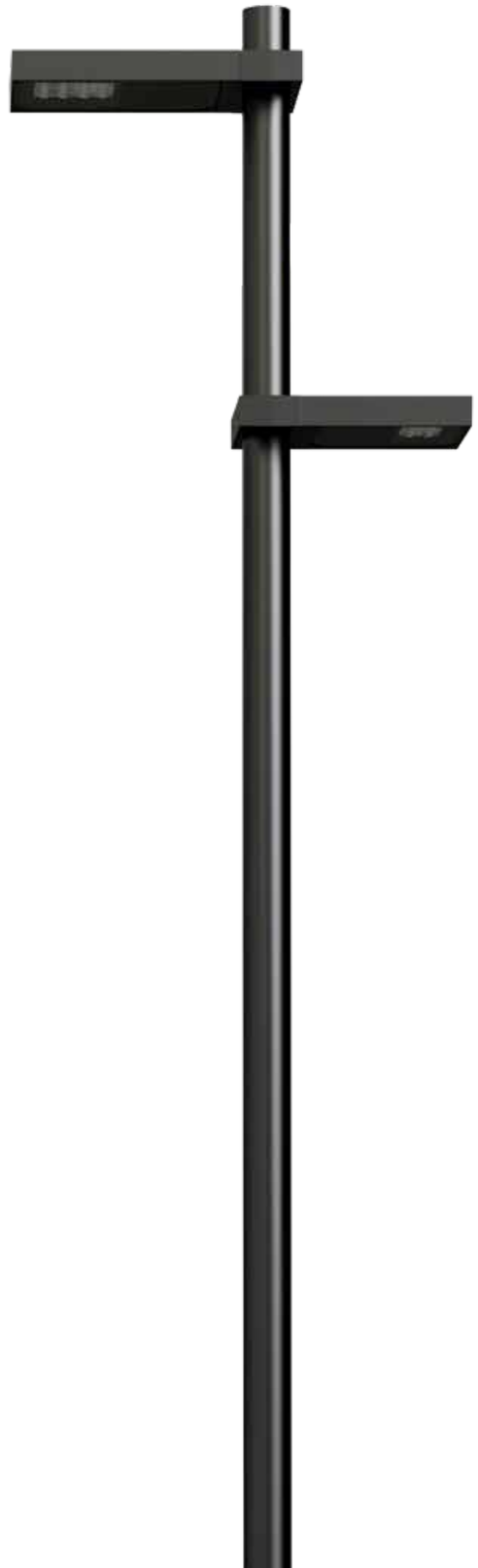
LA-02 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



Lit
Poles

DATI TECNICI / TECHNICAL DATA

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

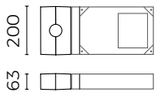


Lit
Poles

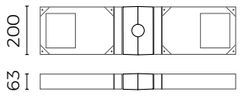
ACCESSORI / ACCESSORIES

LIT SMALL

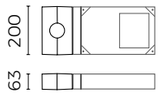
06LT929C0
B166 - Collare singolo per pali Ø 60 mm / Single collar for poles Ø 60 mm



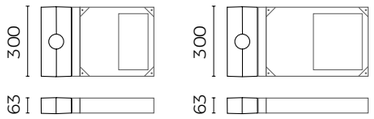
06LT930C0
B167 - Collare doppio per pali Ø 60 mm / Double collar for poles Ø 60 mm



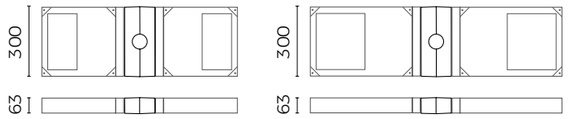
06LT910C0
B119 - Collare singolo per pali Ø 76 mm / Single collar for poles Ø 76 mm



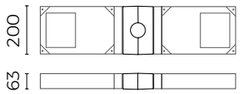
06LT937C0
B174 - Collare singolo per pali Ø 76 mm / Single collar for poles Ø 76 mm



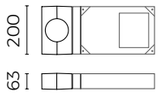
06LT938C0
B175 - Collare doppio per pali Ø 76 mm
Double collar for poles Ø 76 mm



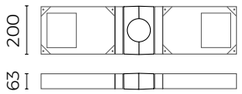
06LT911C
B120 - Collare doppio per pali Ø 76 mm / Double collar for poles Ø 76 mm



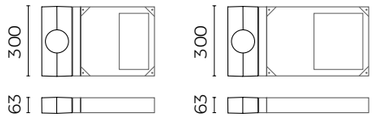
06LT933C0
B170 - Collare singolo per pali Ø 102 mm / Single collar for poles Ø102 mm



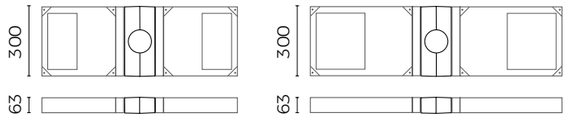
06LT934C0
B171 - Collare doppio per pali Ø 102 mm / Double collar for poles Ø102 mm



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

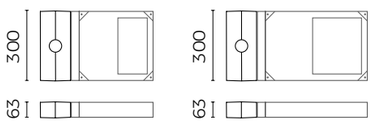


06LT913C0
B122 - Collare doppio per pali Ø 102 mm
Double collar for poles Ø 102 mm

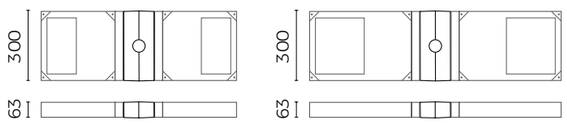


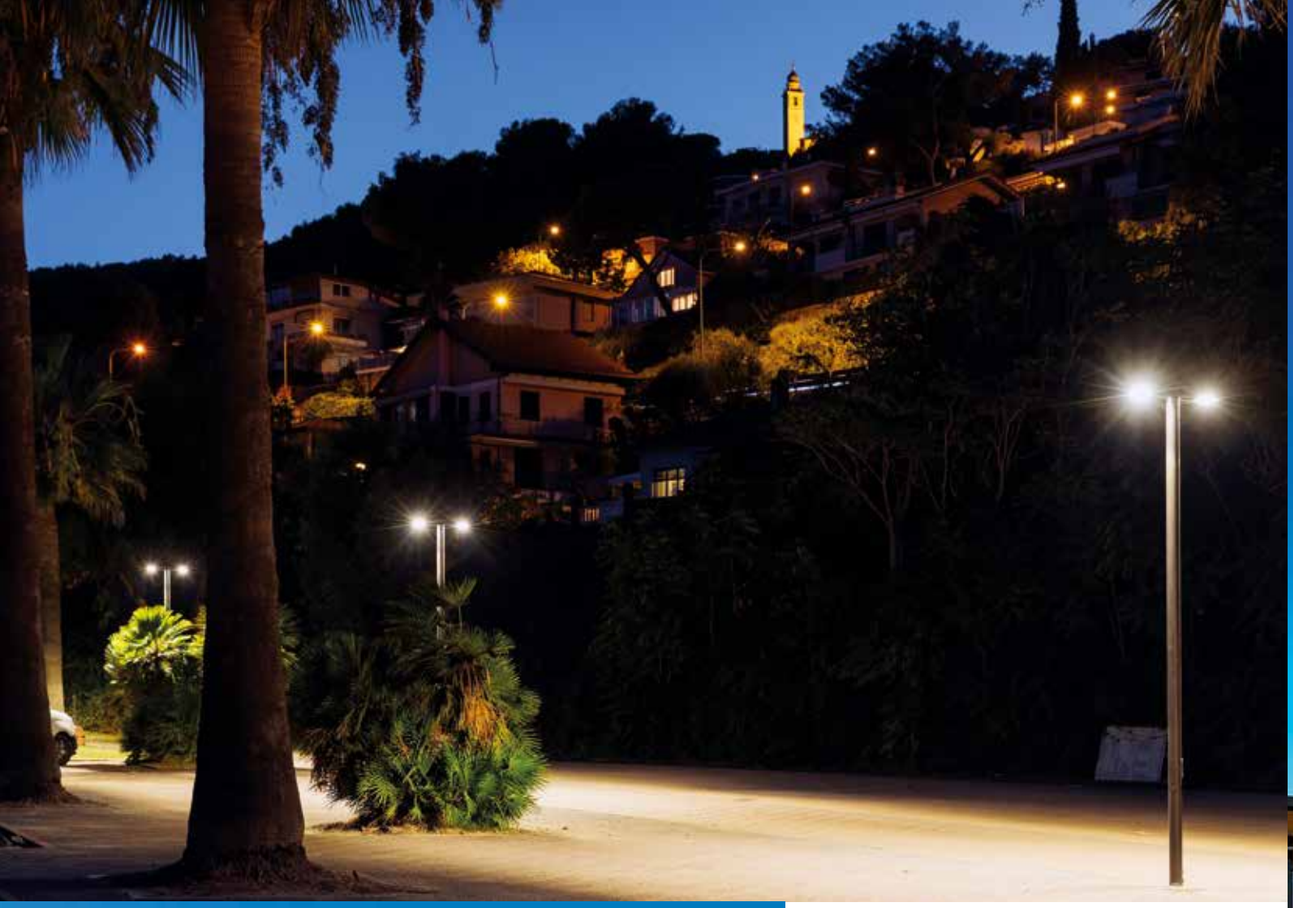
LIT MEDIUM - LARGE

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



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





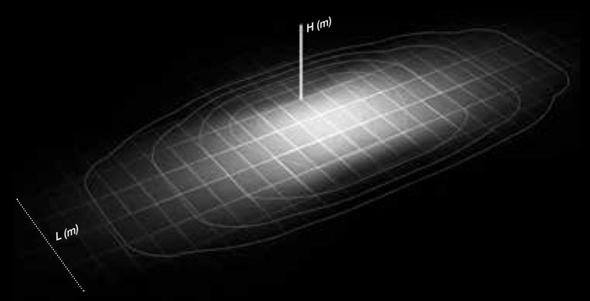
ERMATINGEN
Swiss

ANDORA
Italy

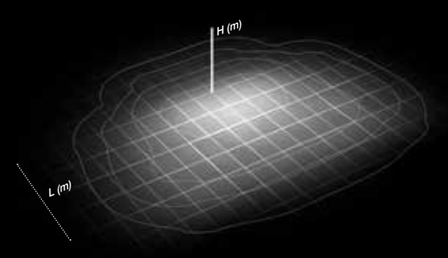
SORAGNA
Italy

OTTICHE / OPTICS

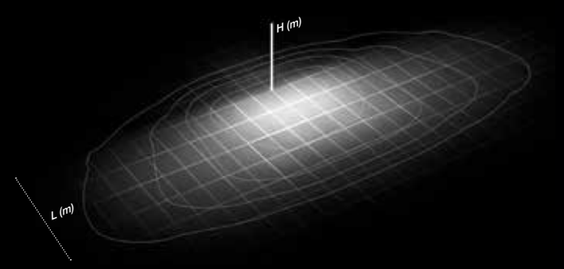
ME-03 Asimmetrica stradale / Street asymmetrical
L / H = 1,1



LT-62 Asimmetrica / Asymmetrical
L / H = 2



LA-02 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



Lit
Brackets and poles

DATI TECNICI / TECHNICAL DATA

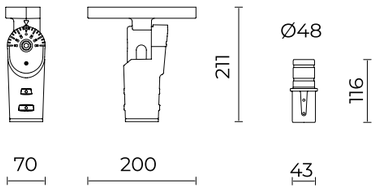
Installazione / Installation:
con accessori su pali Ø 60 - 76 - 102 mm
with accessories on poles Ø 60 - 76 - 102 mm

Inclinazione / Inclination:
-90°

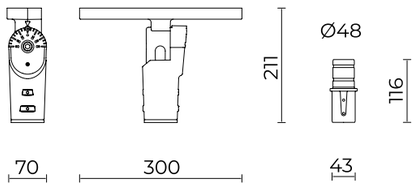
Lit
Brackets and poles

ACCESSORI E BRACCI / ACCESSORIES AND ARMS:

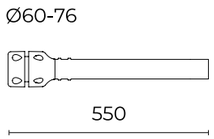
06LT903C0
B112 - Giunto orientabile per braccio
Ø 60 mm Lit small
Adjustable joint for bracket Ø 60 mm Lit small



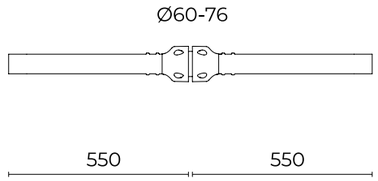
06LT904C0
B114 - Giunto orientabile per braccio
Ø 60 mm Lit medium, large / Adjustable joint for bracket Ø 60 mm Lit medium, large



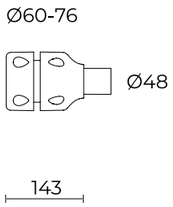
01AK921C0
B1 - Braccio per pali
Arm for poles



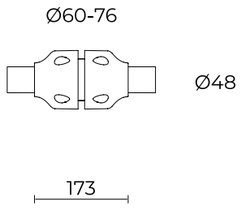
01AK922C0
B2 - Braccio doppio per pali
Double arm for poles



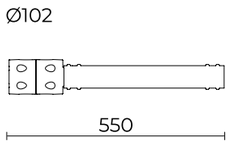
01AK903C0
L3 - Kit giunto per palo o braccio
Joint kit for pole or arm



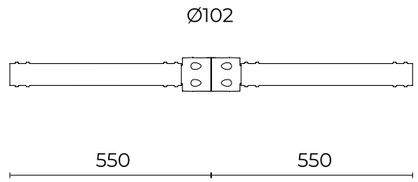
01AK904C0
L4 - Kit giunto doppio per palo o braccio
Double joint kit for pole or arm



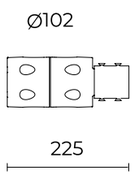
06AK907C0
B155 - Braccio per pali
Arm for poles



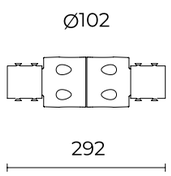
06AK909C0
B157 - Braccio doppio per pali
Double arm for poles



06AK916C0
B139 - Anello per pali
Ring for pols

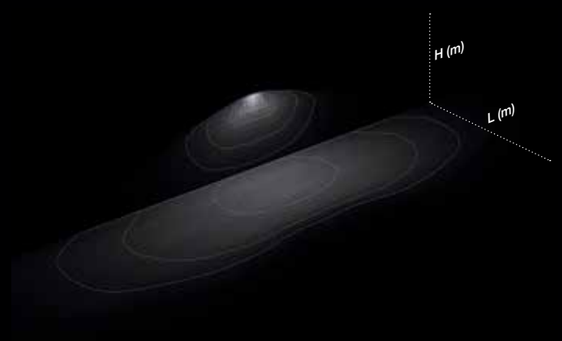


06AK917C0
B140 - Anello doppio per pali
Double ring for poles

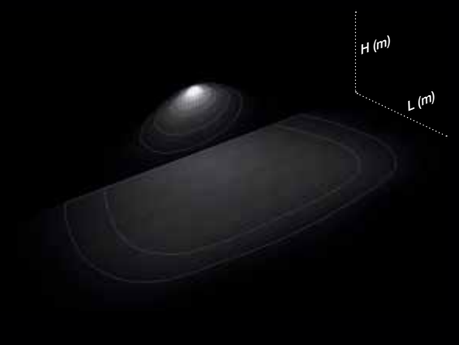


OTTICHE / OPTICS

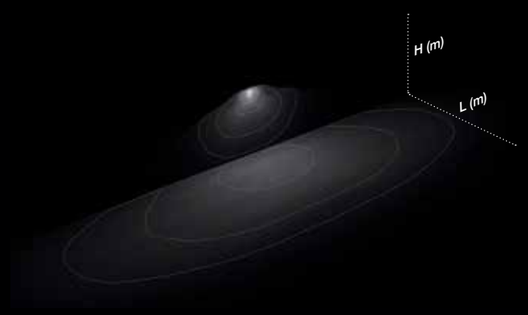
ME-03 Asimmetrica stradale / Street asymmetrical
L / H = 1,1



LT-62 Asimmetrica / Asymmetrical
L / H = 2



LA-02 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



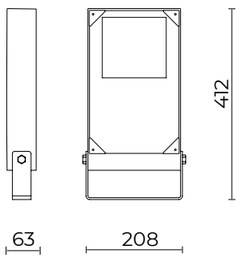
Lit
Flood 2

DATI TECNICI / TECHNICAL DATA

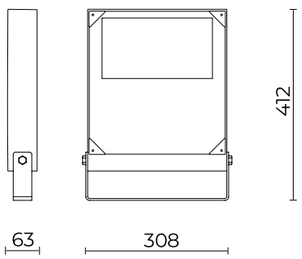
Installazione / Installation:
terra, parete, palo / ground, wall, pole

Inclinazione / Inclination:
±90°

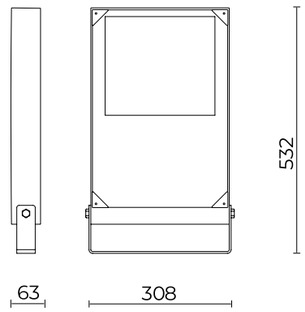
SMALL



MEDIUM



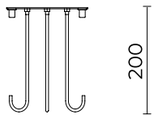
LARGE



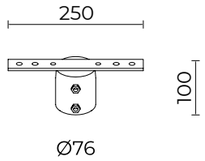
Lit
Flood 2

ACCESSORI / ACCESSORIES

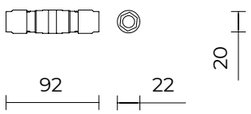
06LT909J0
B118 - Ancore per calcestruzzo
Anchor for concrete



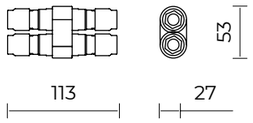
06NW902C0
L14 - Kit testa palo
Post top kit



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



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

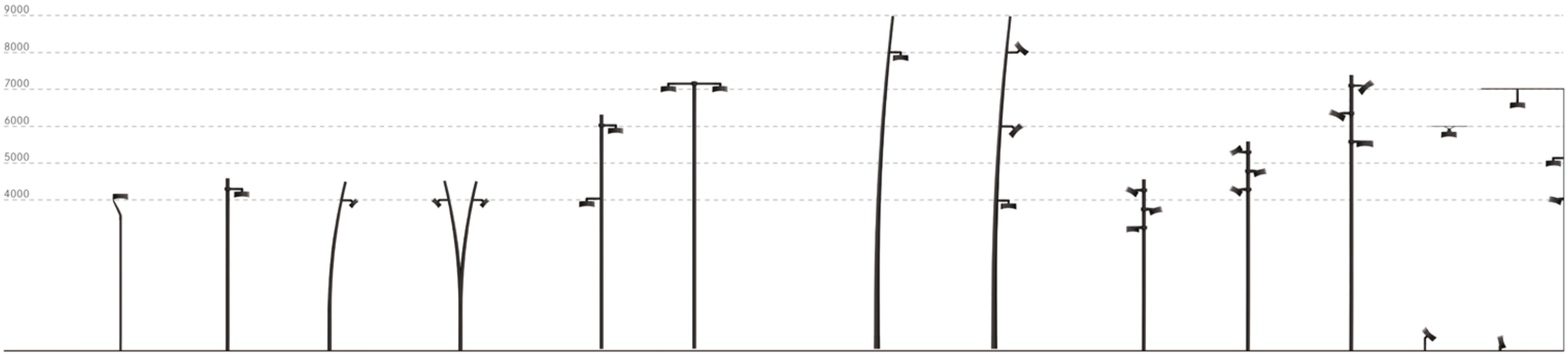


KOSMOS

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

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

NERVI
Italy


9000
8000
7000
6000
5000
4000

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

CE ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1875 - 10720 lm

Potenza apparecchio / Fitting power:
13,5 - 78 W

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

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

COLORI / COLOURS

SABLÉ 100 NOIR

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

CARATTERISTICHE / FEATURES

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

Alimentazione elettronica / Electronic power supply:
inclusa / included

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

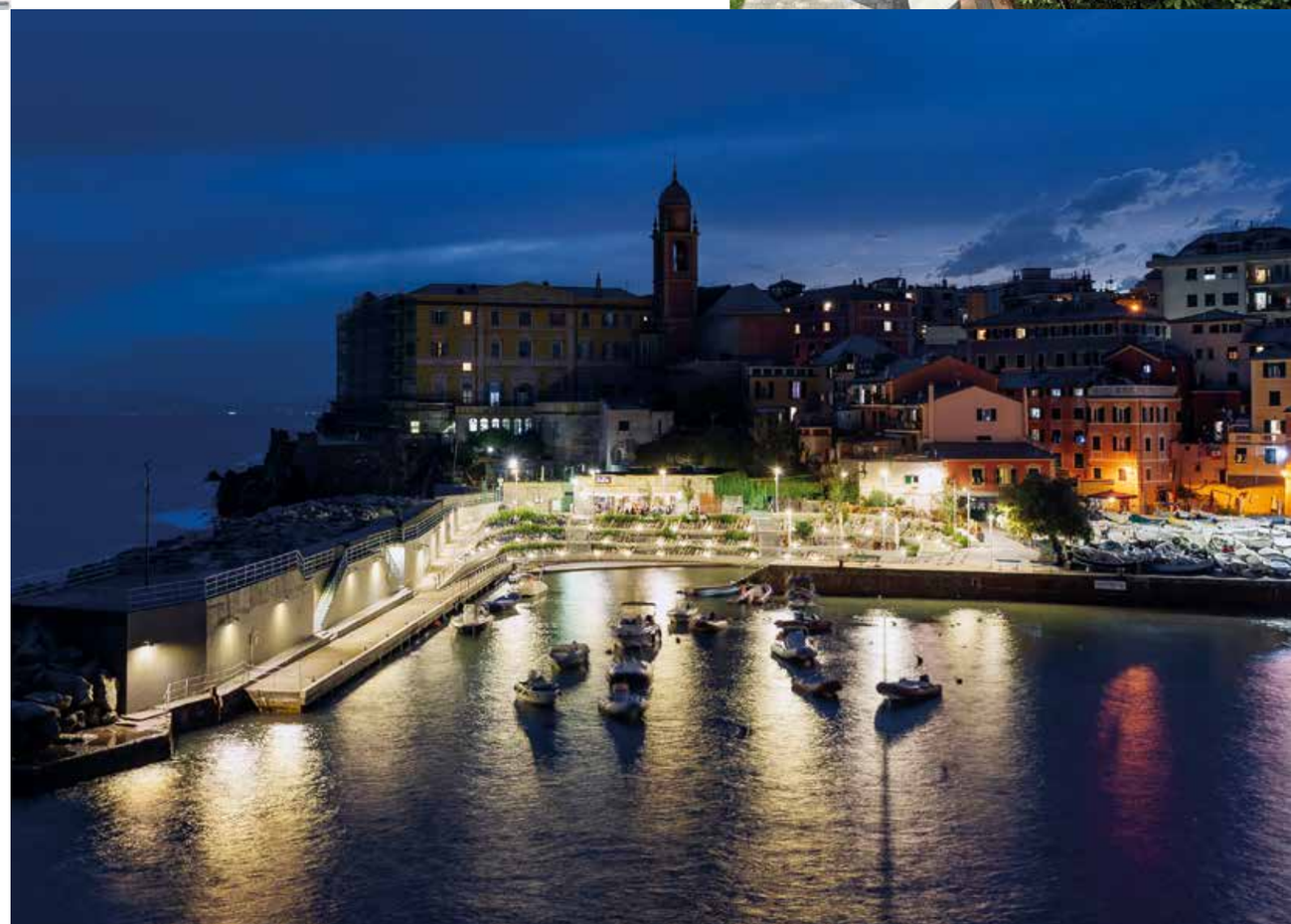
Precablaggio / Pre-wiring:
prodotto pre-cablato con cavo e connettore
pre-wired product with cable and connector

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

ODENA
Spain

KIEV
Ukraine

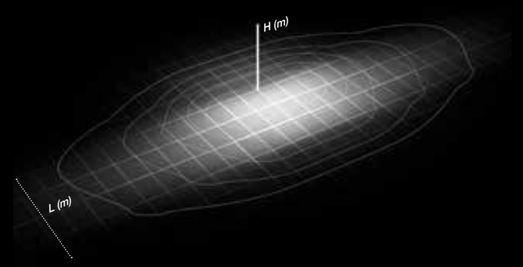
NERVI
Italy



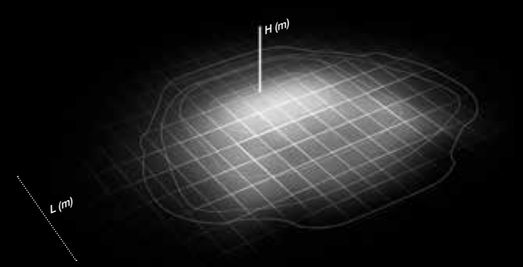
TUNIS
Tunisia

OTTICHE / OPTICS

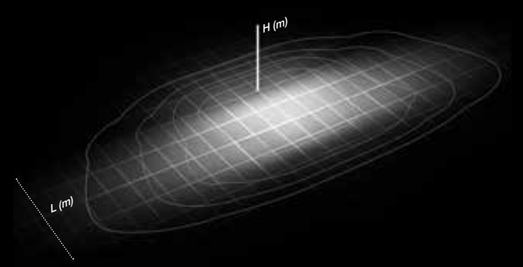
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



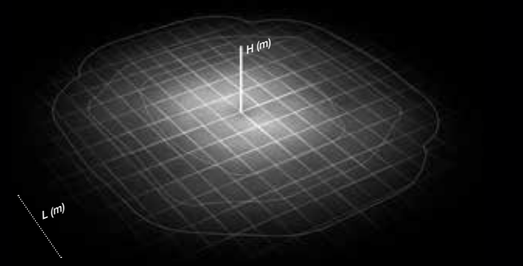
LT-06 Asimmetrica / Asymmetrical
L / H = 2



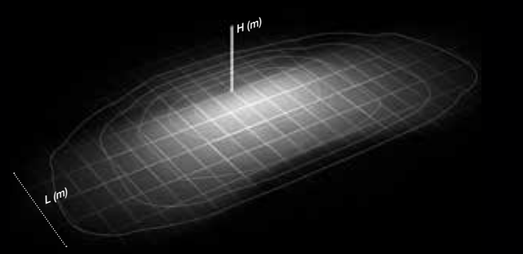
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



RS-01 Rotosimmetrica / Rotosymmetrical
L / H = 2



LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25

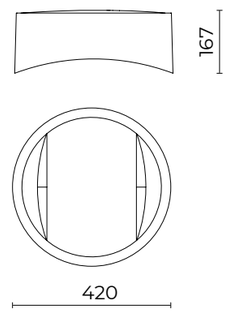


Kosmos
Testa palo / Post top

DATI TECNICI / TECHNICAL DATA

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

MEDIUM

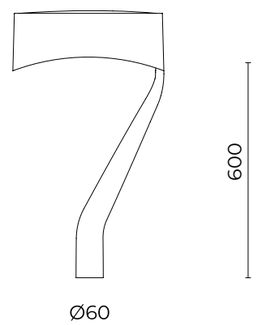


TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 3000 K
- 4000 K

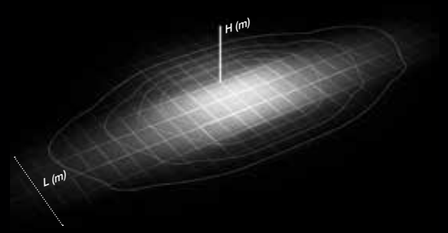
ACCESSORI / ACCESSORIES

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

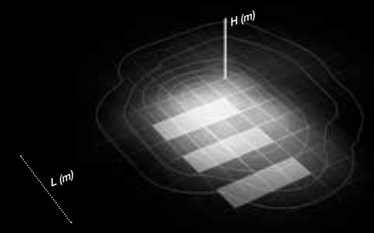


OTTICHE / OPTICS

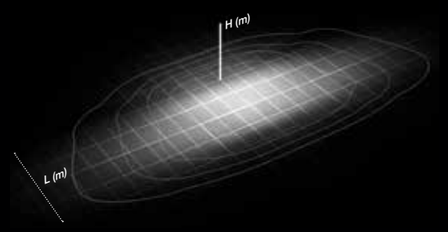
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



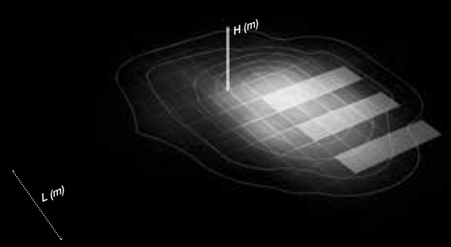
AP-01 DX - Attraversamenti pedonali
Pedestrian crossing



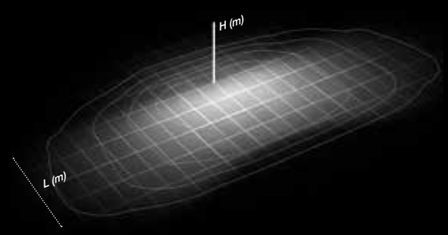
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



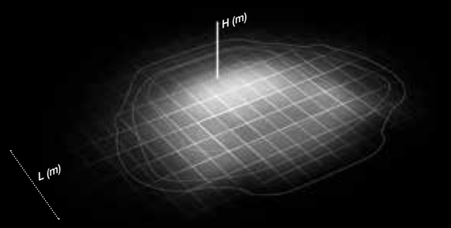
AP-01 SX - Attraversamenti pedonali
Pedestrian crossing



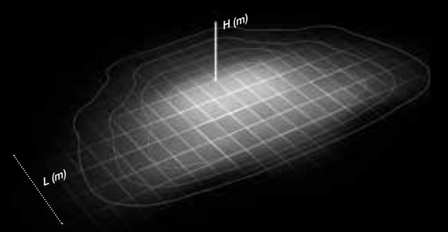
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



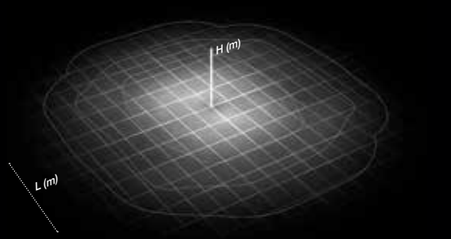
LT-06 Asimmetrica / Asymmetrical
L / H = 2



MB-01 Manto bagnato / Wet surface



RS-01 Rotosimmetrica / Rotosymmetrical
L / H = 2



Kosmos

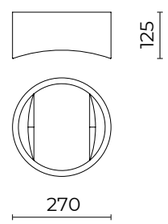
Lato palo / Pole side

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

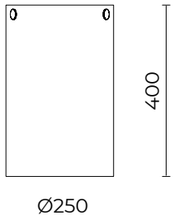
- 2200 K
- 3000 K
- 4000 K

Kosmos
Lato palo / Pole side

ACCESSORI / ACCESSORIES

KOSMOS SMALL

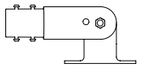
06ND901Y0
Diffusore policarbonato trasparente
Transparent polycarbonate diffuser



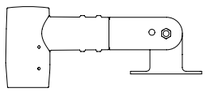
KOSMOS SMALL - MEDIUM

06KS904C0
B84 - Snodo per bracci
Joint for arms

Ø60

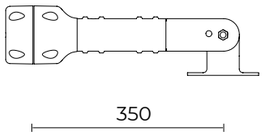


06KS906C0
B86 - Giunto testa palo, codolo H 90 mm
Joint for post top, fastening part H 90 mm



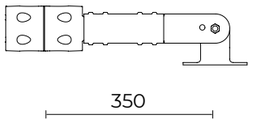
06KS907C0
B87 - Braccio per pali
Arm for poles

Ø60-76



06KS912C0
B92 - Braccio per pali
Arm for poles

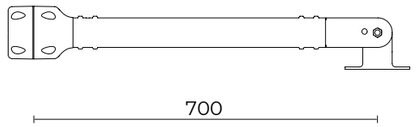
Ø102



KOSMOS SMALL - MEDIUM

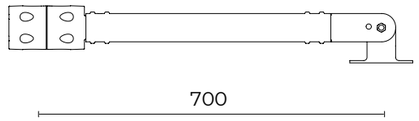
06KS908C0
B88 - Braccio per pali
Arm for poles

Ø60-76



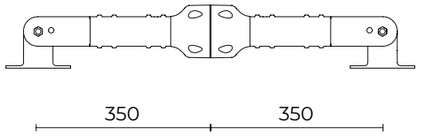
06KS913C0
B93 - Braccio per pali
Arm for poles

Ø102



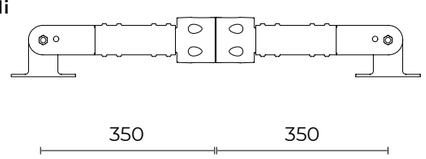
06KS910C0
B90 - Braccio doppio per pali
Double arm for poles

Ø60-76



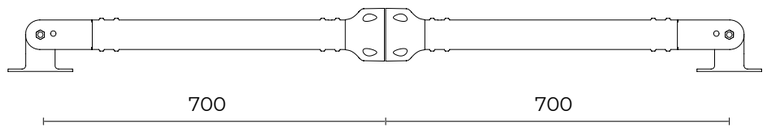
06KS914C0
B94 - Braccio doppio per pali
Double arm for poles

Ø102



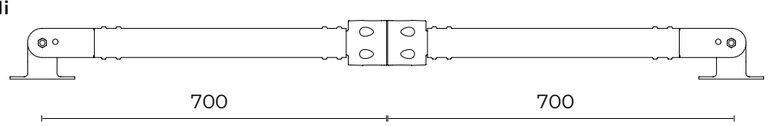
06KS911C0
B91 - Braccio doppio per pali
Double arm for poles

Ø60-76



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

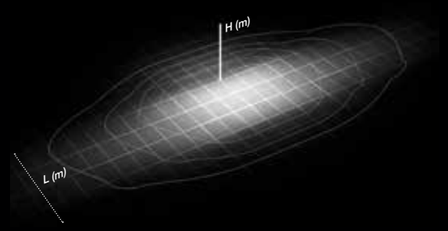
Ø102



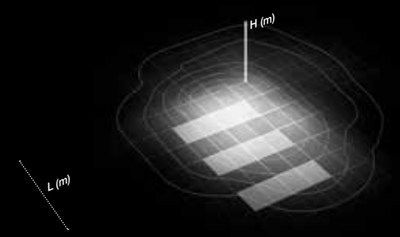
SUCY-EN-BRIE
France

OTTICHE / OPTICS

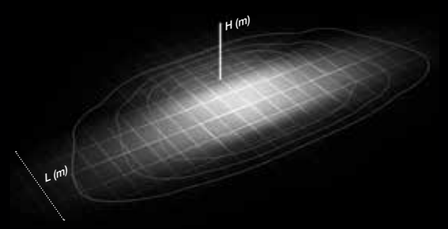
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



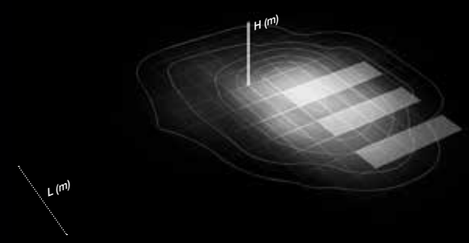
AP-01 DX - Attraversamenti pedonali
Pedestrian crossing



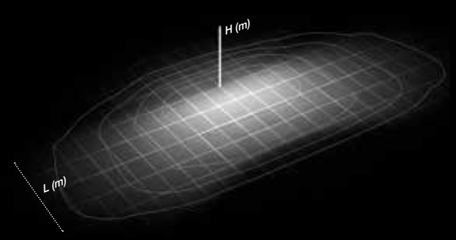
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



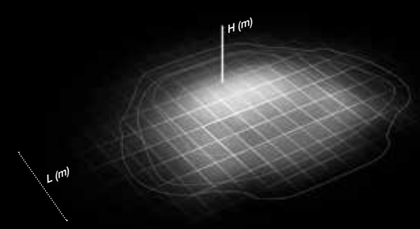
AP-01 SX - Attraversamenti pedonali
Pedestrian crossing



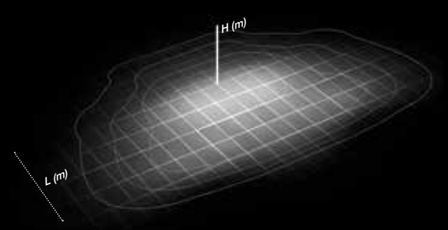
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



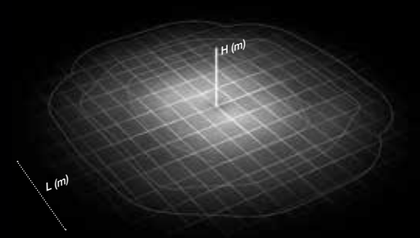
LT-06 Asimmetrica / Asymmetrical
L / H = 2



MB-01 Manto bagnato / Wet surface



RS-01 Rotosimmetrica / Rotosymmetrical

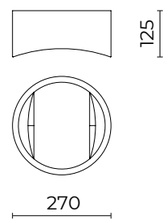


Kosmos
Sospensione braccio / Arm suspension

DATI TECNICI / TECHNICAL DATA

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

SMALL



MEDIUM

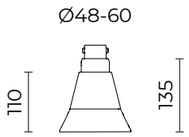
TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 3000 K
- 4000 K

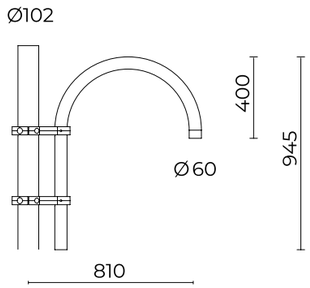
Kosmos
Sospensione braccio / Arm suspension

ACCESSORI / ACCESSORIES

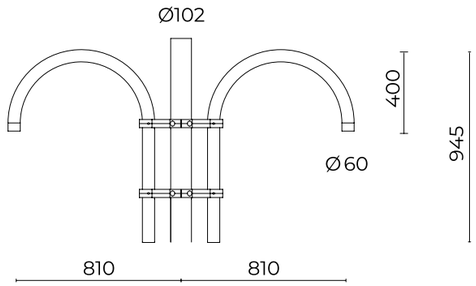
06KS903C0
B79 - Kit fissaggio su bracci pastorali
Fastening kit on curved arms



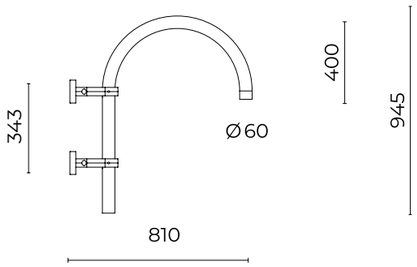
01AK935C0
B15 - Braccio pastorale per pali
Curved arm for poles



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

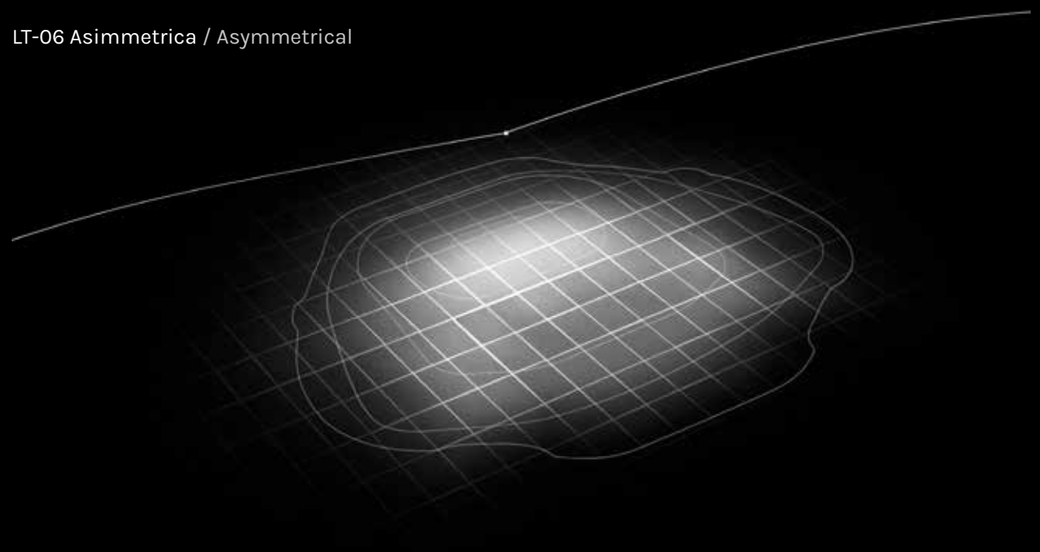


01AK950C0
B1-P - Braccio pastorale parete
Curved arm for wall

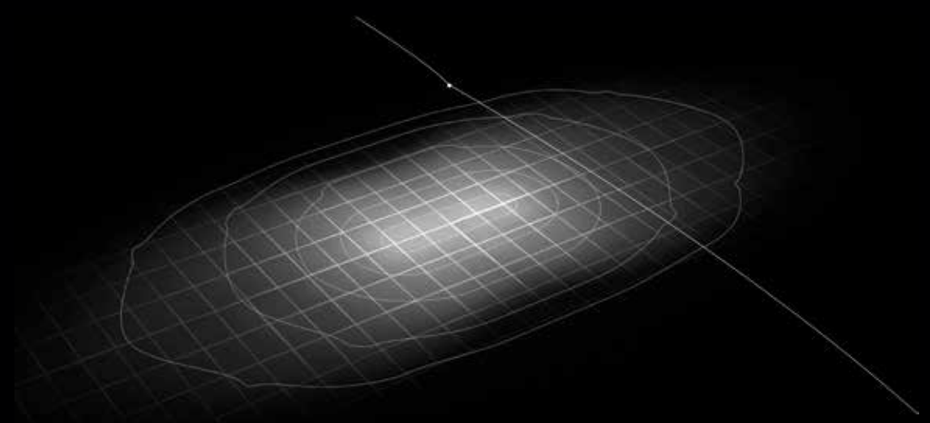


OTTICHE / OPTICS

LT-06 Asimmetrica / Asymmetrical



SO-01 Simmetrica stradale / Street symmetrical



Kosmos
Sospensione tesata
String suspension

DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
sospensione tesata / string suspension

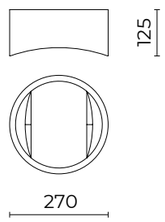
Inclinazione / Inclination:
orizzontale ±15° / horizontal ±15°

Orientabilità / Adjustability:
0° ÷ 360°

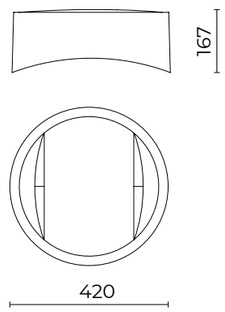
TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 3000 K
- 4000 K

SMALL

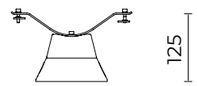


MEDIUM

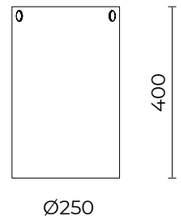


ACCESSORI / ACCESSORIES

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

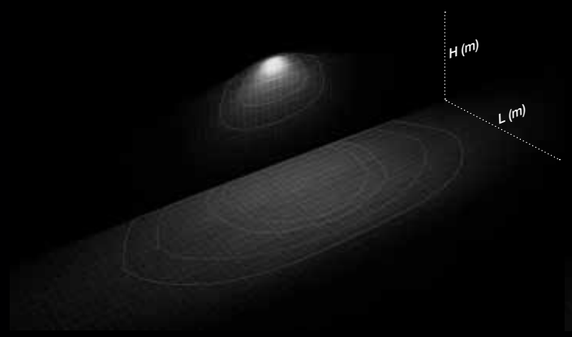


06ND901Y0
Diffusore policarbonato trasparente Kosmos small
Transparent polycarbonate diffuser Kosmos small

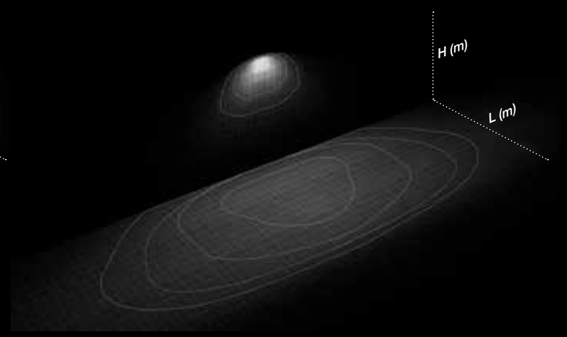


OTTICHE / OPTICS

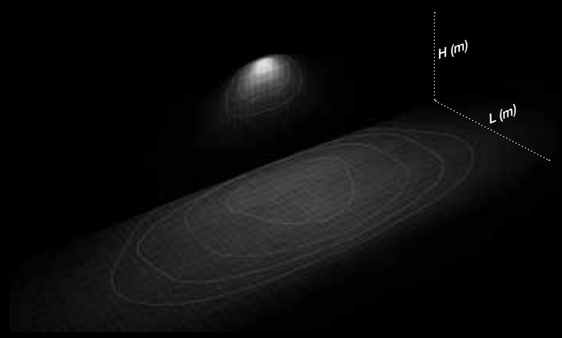
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



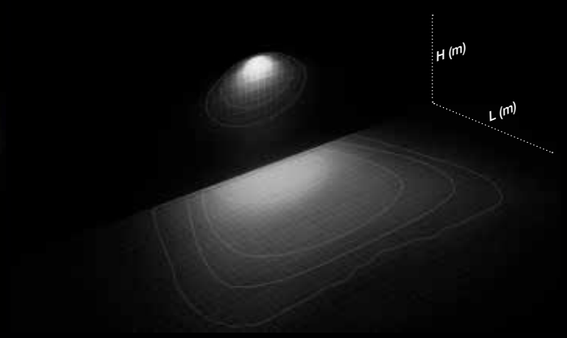
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



LT-06 Asimmetrica / Asymmetrical
L / H = 2



Kosmos
Parete / Wall

DATI TECNICI / TECHNICAL DATA

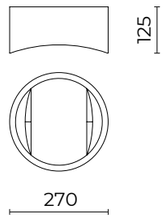
Installazione / Installation:
su bracci a parete / on wall-mounted arms

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

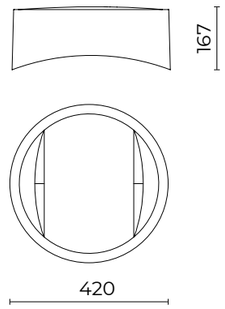
TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

SMALL

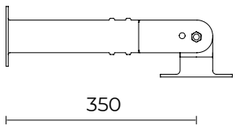


MEDIUM

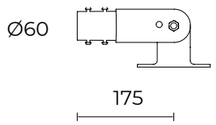


ACCESSORI / ACCESSORIES

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

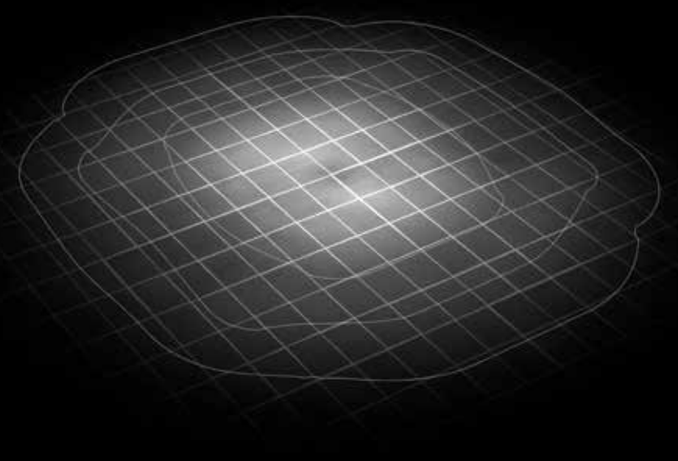


06KS904C0
B84 - Snodo per bracci
Joint for arms



OTTICHE / OPTICS

RS-01 Rotosimmetrica / Rotosymmetrical



Kosmos
Soffitto / Ceiling

Cariboni Group

DATI TECNICI / TECHNICAL DATA

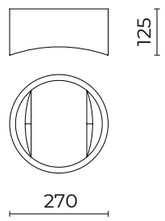
Installazione / Installation:
soffitto, sottoportico
ceiling, arcade

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

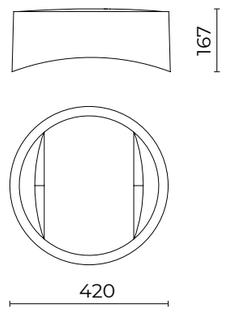
TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

SMALL

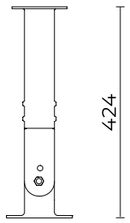


MEDIUM

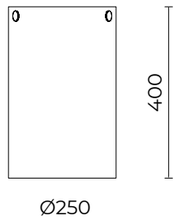


ACCESSORI / ACCESSORIES

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

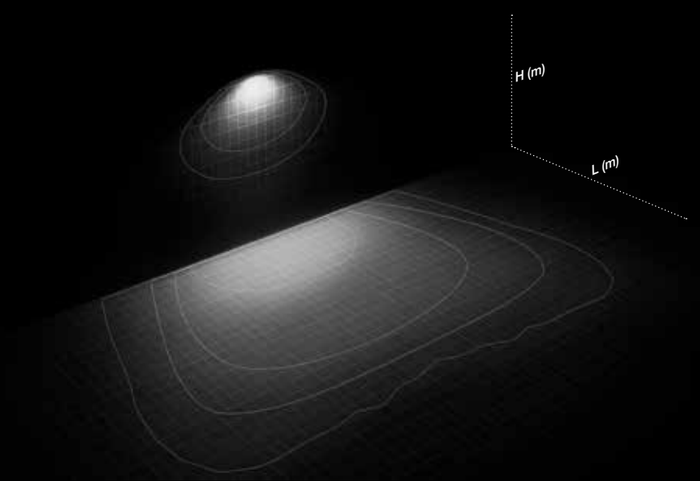


06ND901Y0
Diffusore policarbonato trasparente Kosmos small
Transparent polycarbonate diffuser Kosmos small

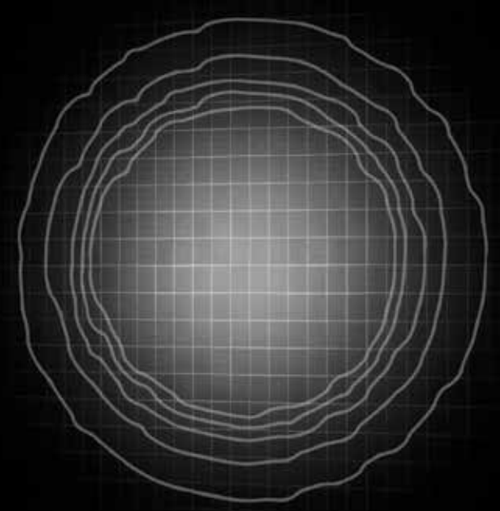


OTTICHE / OPTICS

LT-06 Asimmetrica / Asymmetrical
L / H = 2



LR-20 Rotosimmetrica / Rotosymmetrical



Kosmos
Flood

Cariboni Group

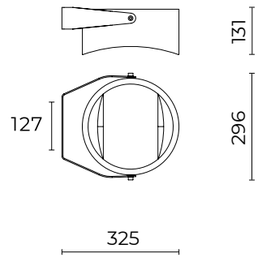
DATI TECNICI / TECHNICAL DATA

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

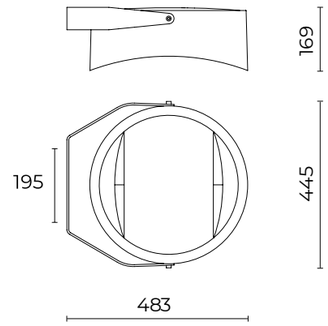
Installazione / Installation:
superfici orizzontali e verticali
horizontal and vertical surfaces

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

SMALL



MEDIUM

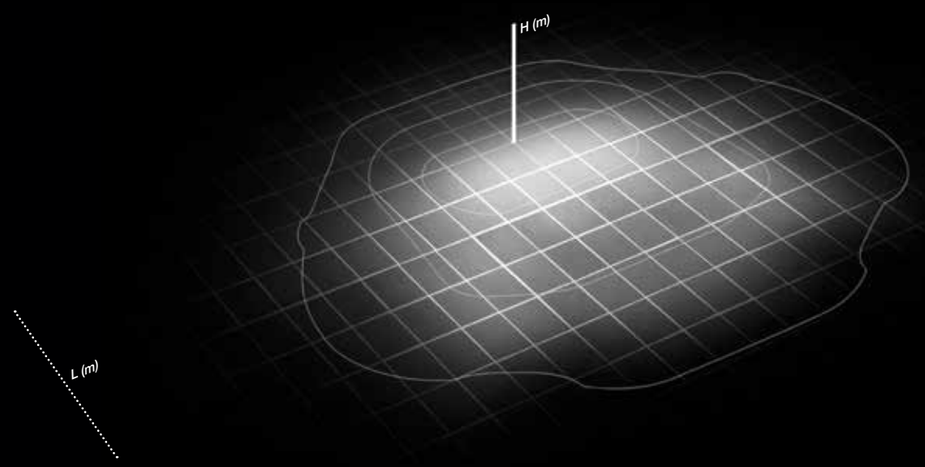


TEMPERATURA COLORE
COLOUR TEMPERATURE

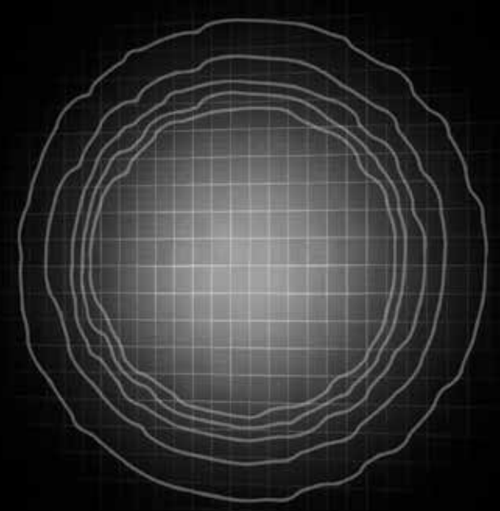
- 2200 K
- 3000 K
- 4000 K

OTTICHE / OPTICS

LT-06 Asimmetrica / Asymmetrical
L / H = 2



LR-20 Rotosimmetrica / Rotosymmetrical



Kosmos
Flood

DATI TECNICI / TECHNICAL DATA

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

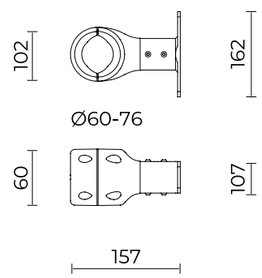
Inclinazione / Inclination:
regolazione continua -25° ÷ +205°
continuous adjustment -25° ÷ +205°

TEMPERATURA COLORE
COLOUR TEMPERATURE

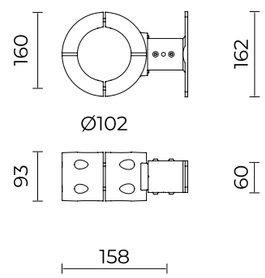
- 2200 K
- 3000 K
- 4000 K

ACCESSORI / ACCESSORIES

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



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

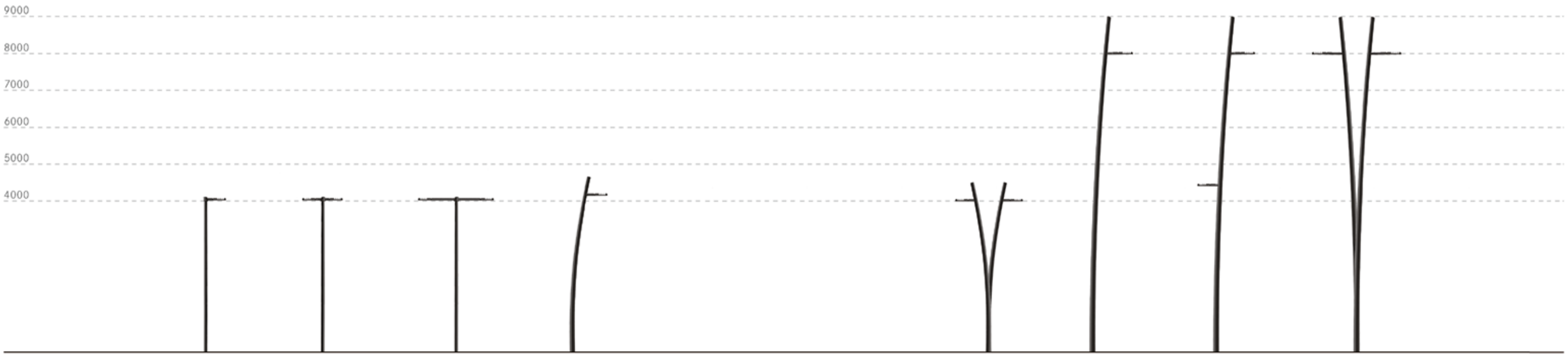


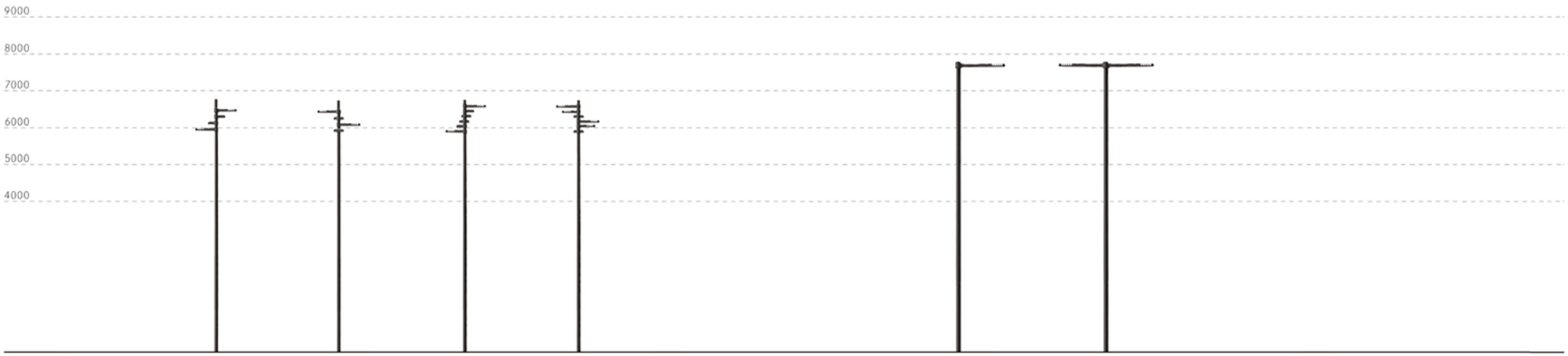
LEVANTE

Una soluzione compatta e flessibile per l'illuminazione di ogni ambiente urbano.

A compact, flexible solution for lighting any urban environment.

CASERTA
Italy


9000
8000
7000
6000
5000
4000


9000
8000
7000
6000
5000
4000

220 240V | 50 60Hz | CL II | IP66 | IK07 | ta -30°C +50°C

ROHS 03

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1785 - 5150 lm (small), 4380 - 16620 lm (medium)

Potenza apparecchio / Fitting power:
11,5 - 36 W (small), 23 - 95 W (medium)

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K (small)
- 3000 K (small, medium)
- 4000 K (small, medium)

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:
polimero ad alta trasparenza (small), vetro piano temprato (medium) / high-transparency polymer (small), flat tempered glass (medium)

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:
3,5 kg (small), 7,5 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa / included

Resistenza sovratensioni / Surge Protection Device:
MC 6 kV (small), 10 kV (medium)
MD 10 kV (small, medium)

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

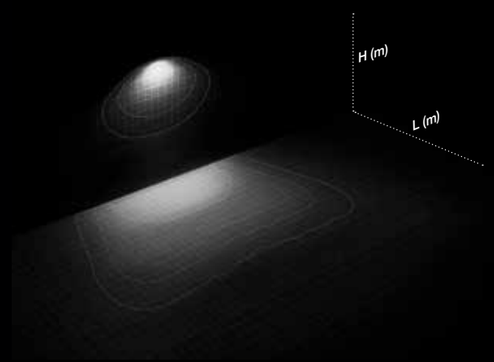
Installazione / Installation:
parete - terra, lato palo / wall - ground, pole side

Orientabilità / Adjustability:
-90° ÷ +90° (con passo 15°)
-90° ÷ +90° (step 15°)

OTTICHE / OPTICS

SMALL

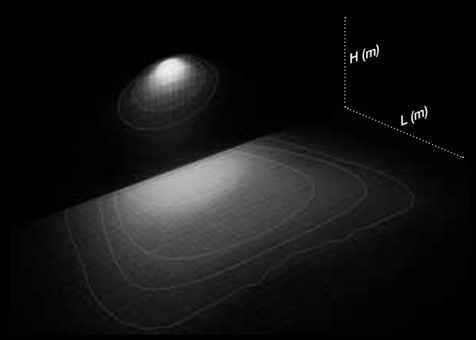
AS-D Asimmetrica diffondente
Asymmetrical wide beam
L / H = 1



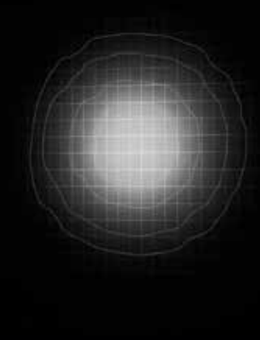
RS-C Rotosimmetrica concentrante
Rotosymmetrical narrow beam

MEDIUM

LT-06 Asimmetrica / Asymmetrical
L / H = 2

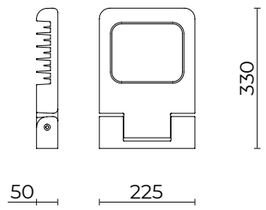


LR-20 Rotosimmetrica / Rotosymmetrical

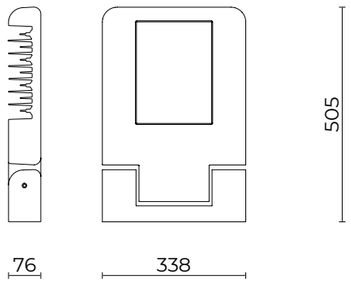


Levante
Parete - Terra / Wall - Ground

SMALL



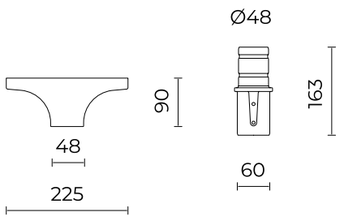
MEDIUM



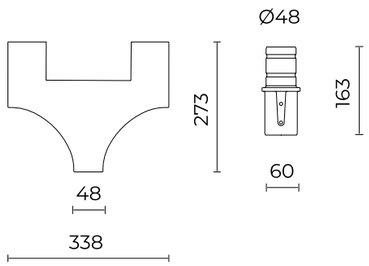
Levante
Parete - Terra / Wall - Ground

ACCESSORI / ACCESSORIES

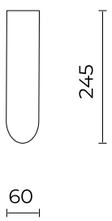
06AK952A0 - RAL9006
06AK952C0 - Sablé 100 Noir
L9 - Giunto Levante small
Joint Levante small



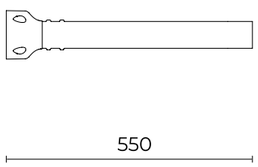
06AK954A0 - RAL9006
06AK954C0 - Sablé 100 Noir
L10 - Giunto Levante medium
Joint Levante medium



06AK953C0 - Sablé 100 Noir
I1 - Picchetto per interramento
Spike for ground installation



06AK951A0 - RAL9006
06AK951C0 - Sablé 100 Noir
B1-P - Braccio per fissaggio a parete
Arm for wall-mounting



BUSSETO
Italy

VIGEVANO
Italy

L'AQUILA
Italy

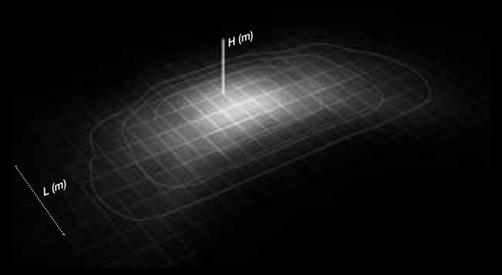
MILAN
Italy

ALBISOLA
Italy

OTTICHE / OPTICS

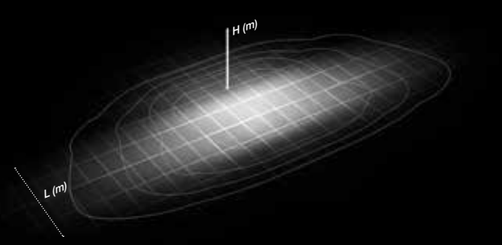
SMALL

ST Asimmetrica stradale / Street asymmetrical
L / H = 0,75

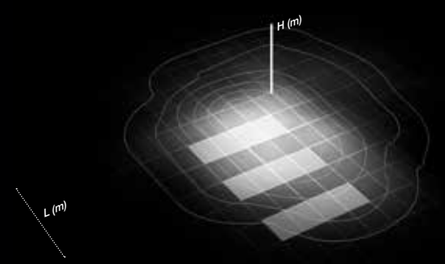


MEDIUM

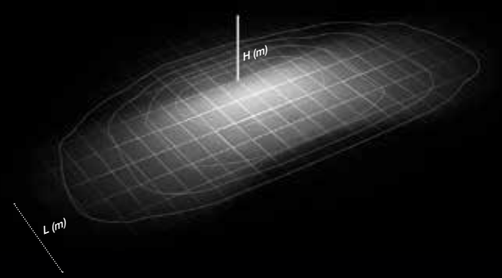
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



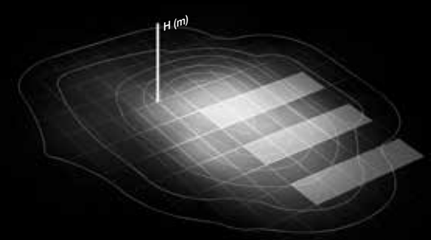
AP-01 DX - Attraversamenti pedonali
Pedestrian crossing



LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



AP-01 SX - Attraversamenti pedonali
Pedestrian crossing



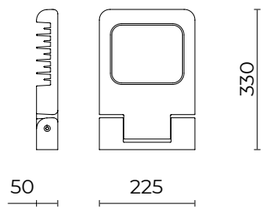
Levante

Lato palo / Pole side

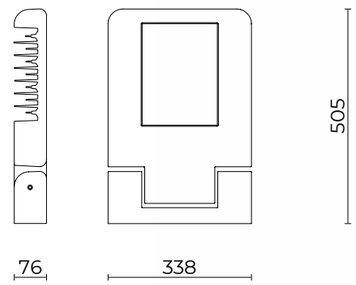
DATI TECNICI / TECHNICAL DATA

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

SMALL

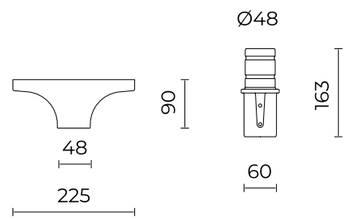


MEDIUM

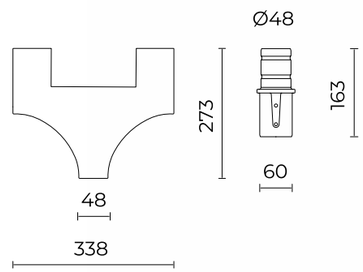


ACCESSORI / ACCESSORIES

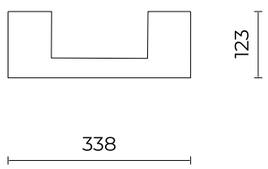
06AK952A0 - RAL9006
06AK952C0 - Sablé 100 Noir
L9 - Giunto Levante small
Joint Levante small



06AK954A0 - RAL9006
06AK954C0 - Sablé 100 Noir
L10 - Giunto Levante medium
Joint Levante medium



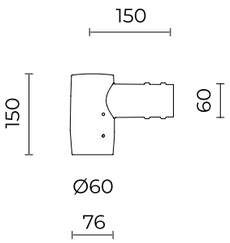
06AK955A0 - RAL9006
06AK955C0 - Sablé 100 Noir
L11 - Giunto Levante medium per fissaggio a parete
Joint Levante medium for wall-mounting



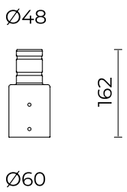
Levante
Lato palo / Pole side

ACCESSORI / ACCESSORIES

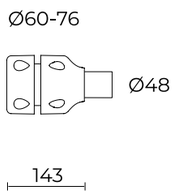
06AK905A0 - RAL9006
06AK905C0 - Sablé 100 Noir
B153 - Giunto testa palo, codolo H 90 mm
Joint post top, fastening part H 90 mm



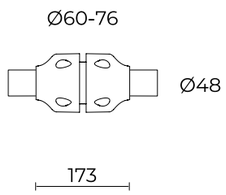
06AK910A0 - RAL9006
06AK910C0 - Sablé 100 Noir
L12 - Giunto per palo, codolo H 90 mm
Joint for pole, fastening part H 90 mm

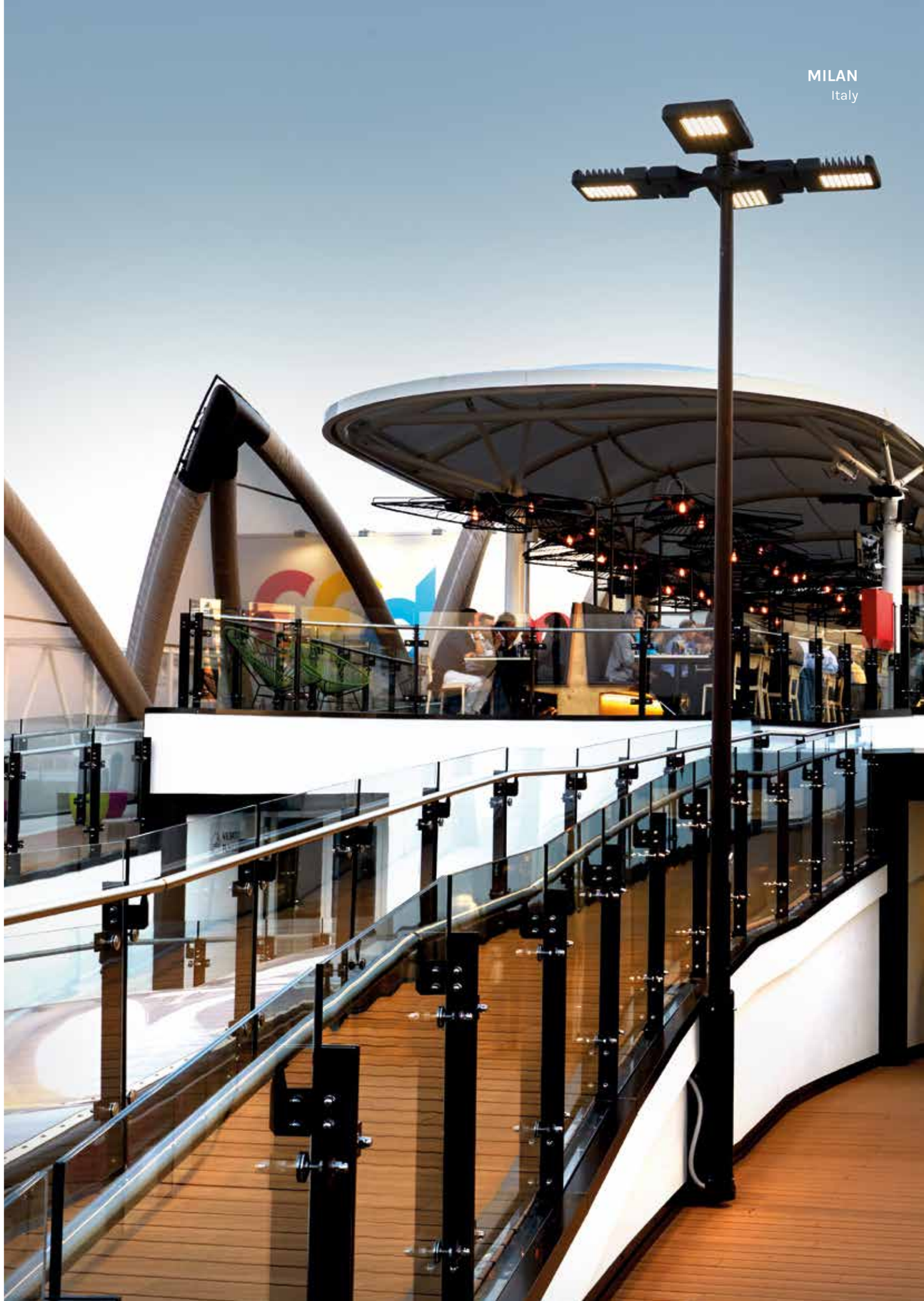


06AK903A0 - RAL9006
06AK903C0 - Sablé 100 Noir
L3 - Kit giunto per palo
Joint kit for pole



06AK904A0 - RAL9006
06AK904C0 - Sablé 100 Noir
L4 - Kit giunto doppio per palo
Double joint kit for pole



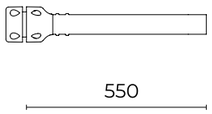


Levante
Lato palo / Pole side

BRACCI / ARMS

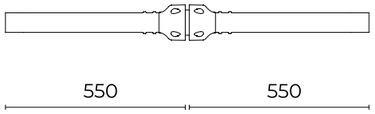
06AK921A0 - RAL9006
06AK921C0 - Sablé 100 Noir
B1 - Braccio per pali
Arm for poles

Ø60-76



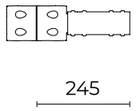
06AK922A0 - RAL9006
06AK922C0 - Sablé 100 Noir
B2 - Braccio doppio per pali
Double arm for poles

Ø60-76



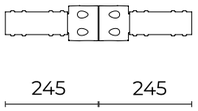
06AK906A0 - RAL9006
06AK906C0 - Sablé 100 Noir
B154 - Braccio per pali
Arm for poles

Ø102



06AK908A0 - RAL9006
06AK908C0 - Sablé 100 Noir
B156 - Braccio doppio per pali
Double arm for poles

Ø102

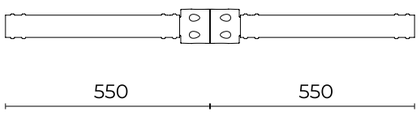


06AK907A0 - RAL9006
06AK907C0 - Sablé 100 Noir
B155 - Braccio per pali
Arm for poles

Ø102

06AK909A0 - RAL9006
06AK909C0 - Sablé 100 Noir
B157 - Braccio doppio per pali
Double arm for poles

Ø102



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

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
390 - 1120 lm

Potenza apparecchio / Fitting power:
7 - 16 W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- RAL9003

CARATTERISTICHE / FEATURES

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

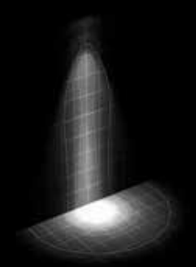
Alimentazione elettronica / Electronic power supply:
inclusa / included

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

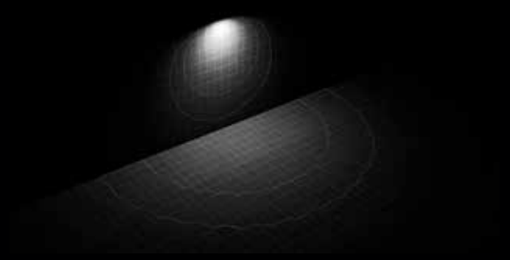
Fissaggio / Fixing system:
staffa fissa o regolabile
fixed or adjustable bracket

OTTICHE / OPTICS

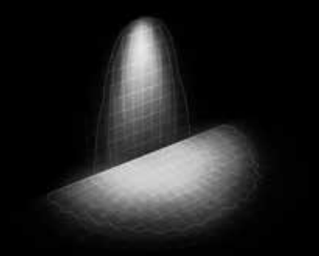
C 8° Concentrante / Narrow beam



U-D 80° Ultra-diffondente / Ultra-wide beam

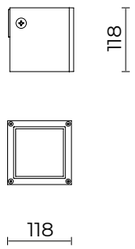


D 40° Diffondente / Wide beam

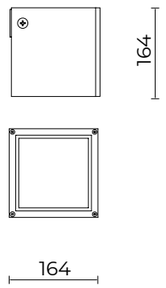


Cube
Parete / Wall

SMALL

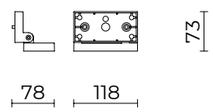


MEDIUM

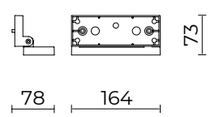


ACCESSORI / ACCESSORIES

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

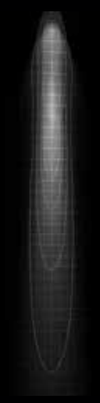


06LC2901A - RAL9006
06LC2901C - Sablé 100
06LC2901D - RAL9003
Snodo per fissaggio a parete Cube medium
Joint for wall-mounting Cube medium

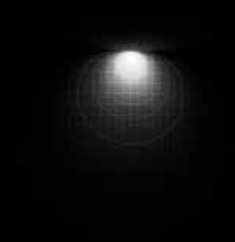


OTTICHE / OPTICS

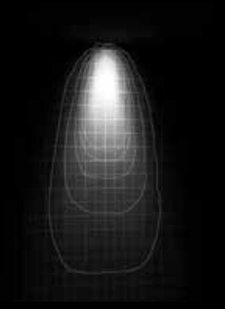
C 8° Concentrante / Narrow beam



U-D 80° Ultra-diffondente / Ultra-wide beam

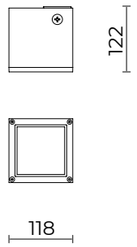


D 40° Diffondente / Wide beam

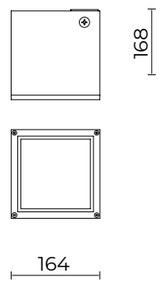


Cube
Soffitto / Ceiling

SMALL

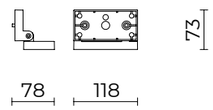


MEDIUM

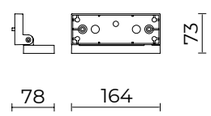


ACCESSORI / ACCESSORIES

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



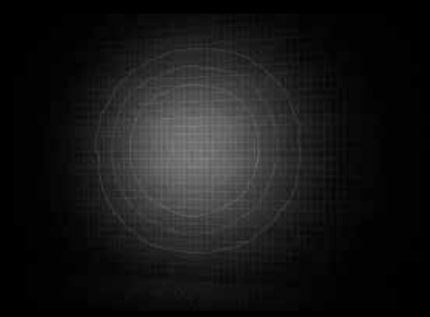
06LC2901A - RAL9006
06LC2901C - Sablé 100
06LC2901D - RAL9003
Snodo per fissaggio a parete Cube medium
Joint for wall-mounting Cube medium



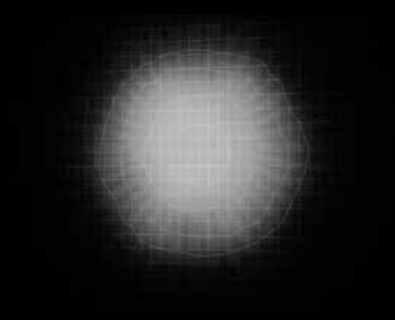
OTTICHE / OPTICS

C 8° Concentrante / Narrow beam

U-D 80° Ultra-diffondente / Ultra-wide beam



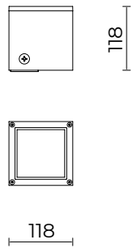
D 40° Diffondente / Wide beam



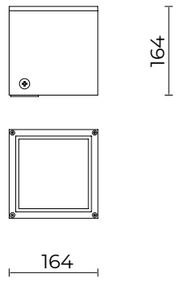
Cube

Terra / Ground

SMALL

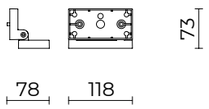


MEDIUM

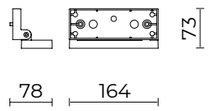


ACCESSORI / ACCESSORIES

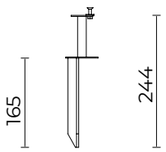
06LC1901A - RAL9006
06LC1901C - Sablé 100
06LC1901D - RAL9003
Snodo per fissaggio a parete Cube small
Joint for wall-mounting Cube small



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



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



CHARA

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

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

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

ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
70 - 295 lm

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

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

MATERIALI / MATERIALS

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

Schermo / Screen:
vetro piano temprato / tempered flat glass

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

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

COLORI / COLOURS

- INOX AISI 316L

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
0,4 kg

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

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

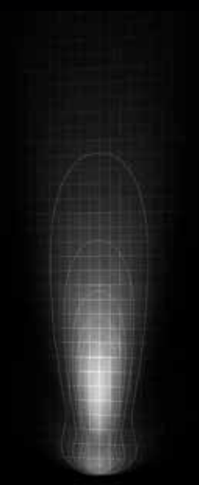
Installazione / Installation:
terra (calpestabile), pavimento flottante, parete, controsoffitto / ground (walk over), floating floor, wall, false ceiling

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

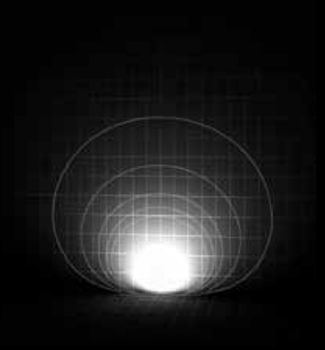
OTTICHE / OPTICS

C 8° Concentrante / Narrow beam

M 25° Fascio medio / Medium beam

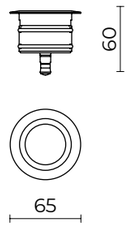


U-D 90° Ultra diffondente / Ultra-wide beam



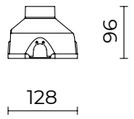
Chara

Incasso calpestabile
Walk over recessed

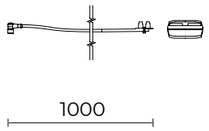


ACCESSORI / ACCESSORIES

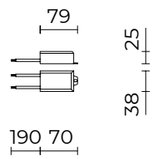
06CH901B0
B130 - Controcassa parete e calpestabile
Walk over and wall recessed housing



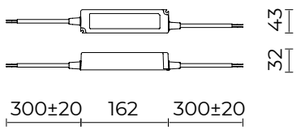
06CH906X0
B198 - Kit entra-esci cavo 1 m 24V ~ con muffola / Kit in-out cable 1 m 24V ~ with junction box



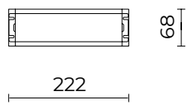
06CH903X0
B147 - Driver elettronico 10W 24V IP67
Electronic driver 10W 24V IP67



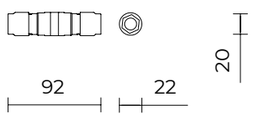
06CH904X0
B148 - Driver elettronico 60W 24V IP67
Electronic driver 60W 24V IP67



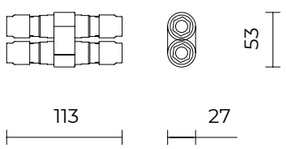
06LL914AB0
Driver elettronico DALI 150W 24V IP67
DALI elettronic driver 150W 24V IP67



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



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



OTTICHE / OPTICS

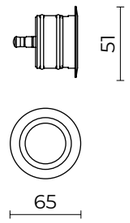
C 8° Concentrante / Narrow beam

M 25° Fascio medio / Medium beam

U-D 90° Ultra diffondente / Ultra-wide beam

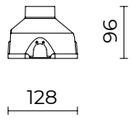
Chara

Incasso parete
Wall recessed

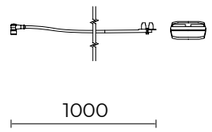


ACCESSORI / ACCESSORIES

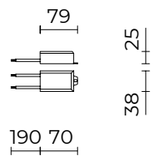
06CH901B0
B130 - Controcassa parete e calpestabile
Walk over and wall recessed housing



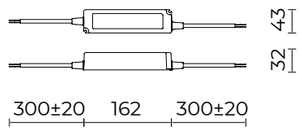
06CH906X0
B198 - Kit entra-esci cavo 1 m 24V ~ con muffola / Kit in-out cable 1 m 24V ~ with junction box



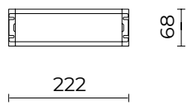
06CH903X0
B147 - Driver elettronico 10W 24V IP67
Electronic driver 10W 24V IP67



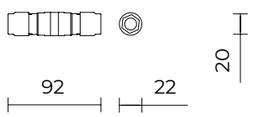
06CH904X0
B148 - Driver elettronico 60W 24V IP67
Electronic driver 60W 24V IP67



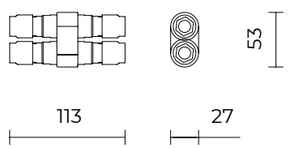
06LL914AB0
Driver elettronico DALI 150W 24V IP67
DALI elettronic driver 150W 24V IP67



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



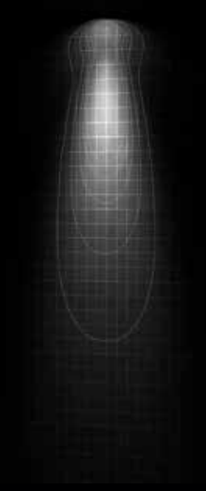
06KS909C0
B89 - Connettore 4 vie IP68
4-way connector IP68



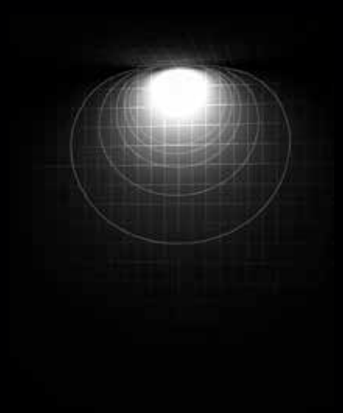
OTTICHE / OPTICS

C 8° Concentrante / Narrow beam

M 25° Fascio medio / Medium beam

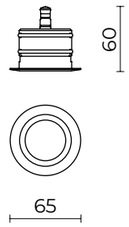


U-D 90° Ultra diffondente / Ultra-wide beam



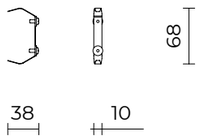
Chara

Incasso soffitto
Ceiling recessed

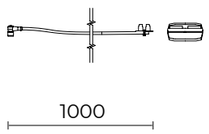


ACCESSORI / ACCESSORIES

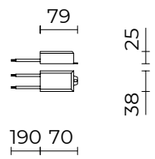
06CH902XX0
B131 - Molle
Springs



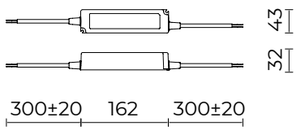
06CH906X0
B198 - Kit entra-esci cavo 1 m 24V ~ con muffola / Kit in-out cable 1 m 24V ~ with junction box



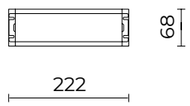
06CH903X0
B147 - Driver elettronico 10W 24V IP67
Electronic driver
10W 24V IP67



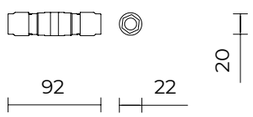
06CH904X0
B148 - Driver elettronico 60W 24V IP67
Electronic driver
60W 24V IP67



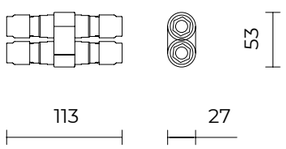
06LL914AB0
Driver elettronico DALI 150W 24V IP67
DALI elettronic driver
150W 24V IP67



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



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



VENICE
Italy

GRACE

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

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

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

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
105 - 340 lm

Potenza apparecchio / Fitting power:
2 - 5 W

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

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

MATERIALI / MATERIALS

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

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

COLORI / COLOURS

- INOX AISI 316L

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
1 kg

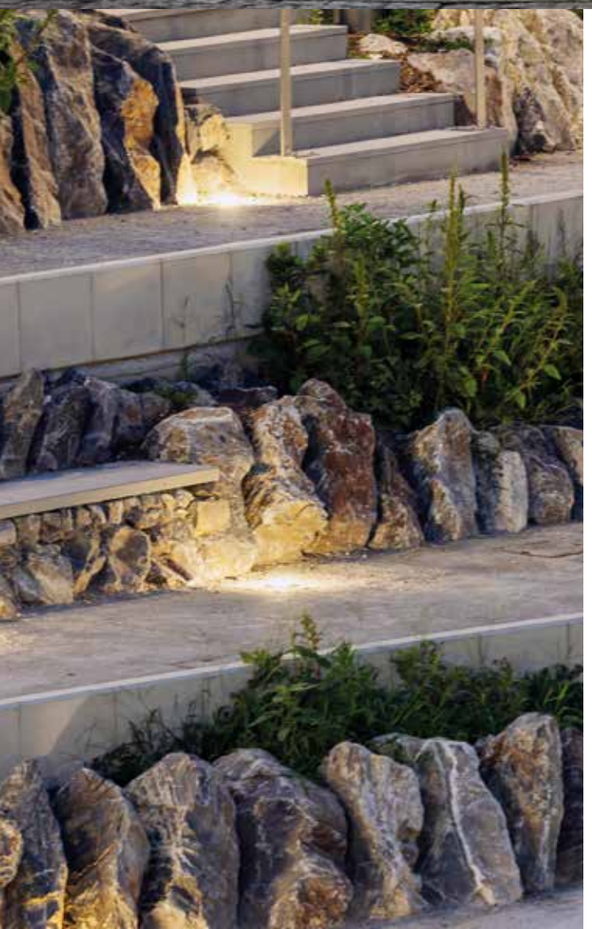
Alimentazione elettronica / Electronic power supply:
esterna, da ordinare separatamente
external, to be ordered separately

Precablaggio / Pre-wiring:
incluso / included

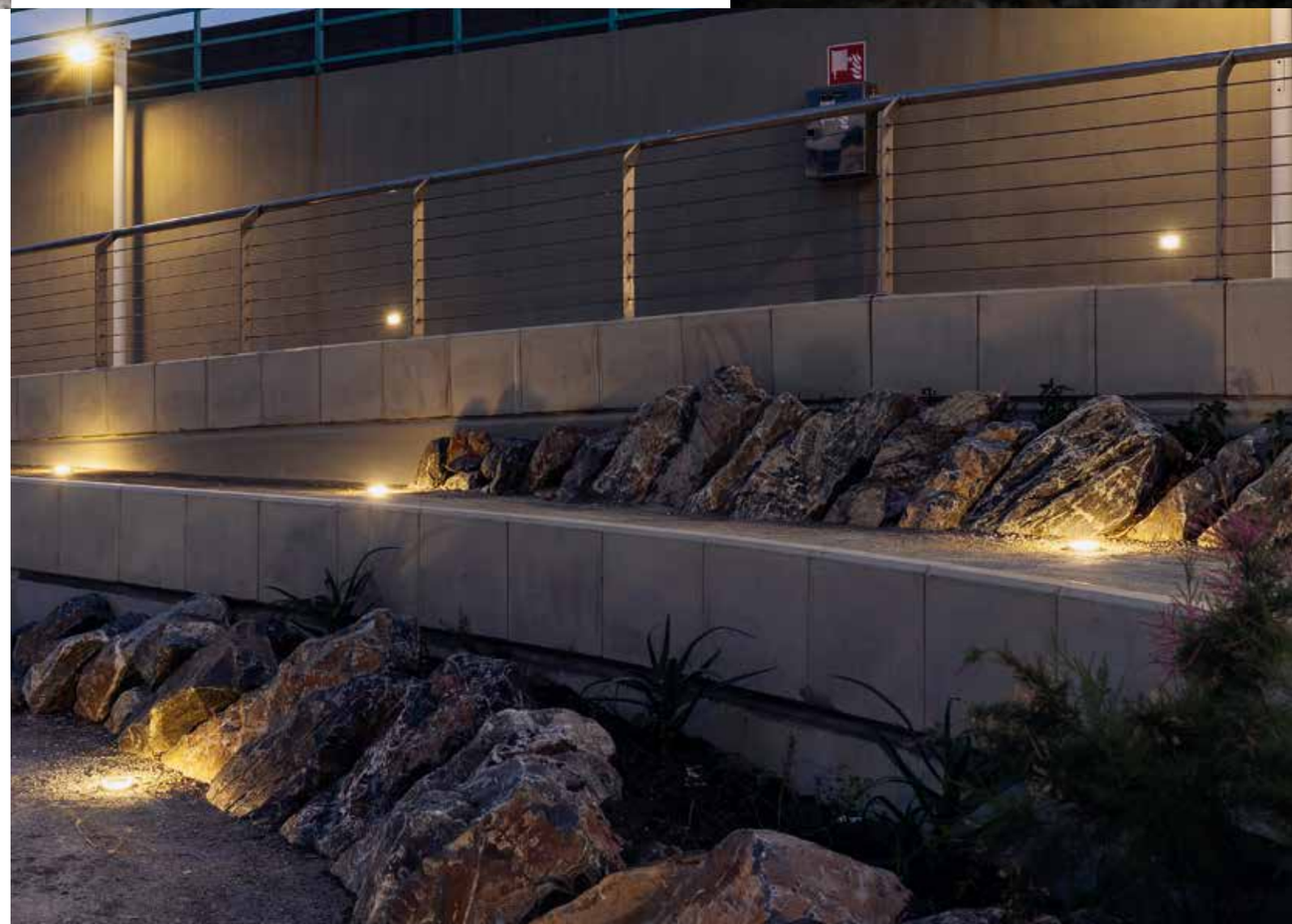
Fissaggio / Fastening:
controcassa in materiale plastico da murare a pavimento (versione carrabile), con piastra in acciaio per fissaggio a terra o pavimento (versione calpestabile)
with recessed housing in plastic material to be buried in the floor (drive over version); with steel plate for ground or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

Installazione / Installation:
terra / ground

LOHJA
Finland

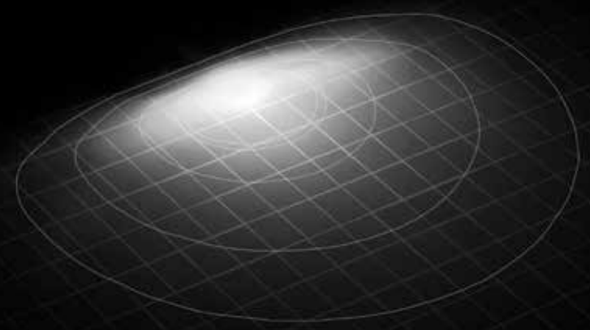


NERVI
Italy

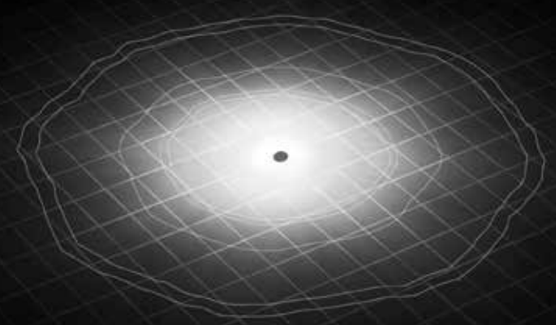


OTTICHE / OPTICS

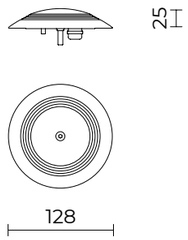
AS-D 180° Asimmetrica diffondente / Asymmetrical wide beam



RS-D 360° Rotosimmetrica diffondente / Rotosymmetrical wide beam

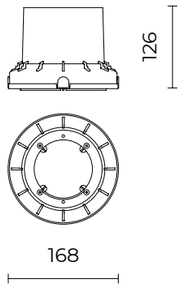


Grace

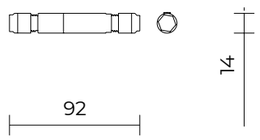


ACCESSORI / ACCESSORIES

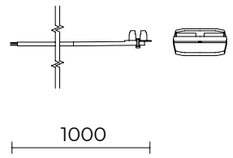
06GC901B0
B129 - Controcassa carrabile
Drive over recessed housing



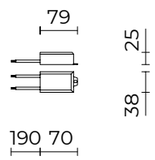
06GC902X0
B165 - Connettore 2 poli IP68
2-pole connector IP68



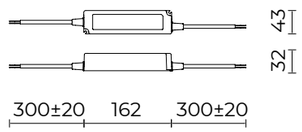
06AK958X0
M3 - Kit entra-esci cavo 2x0,75
Kit in-out cable 2x0,75



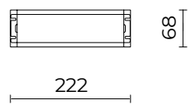
06CH903X0
B147 - Driver elettronico
10W 24V IP67
Electronic driver
10W 24V IP67



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



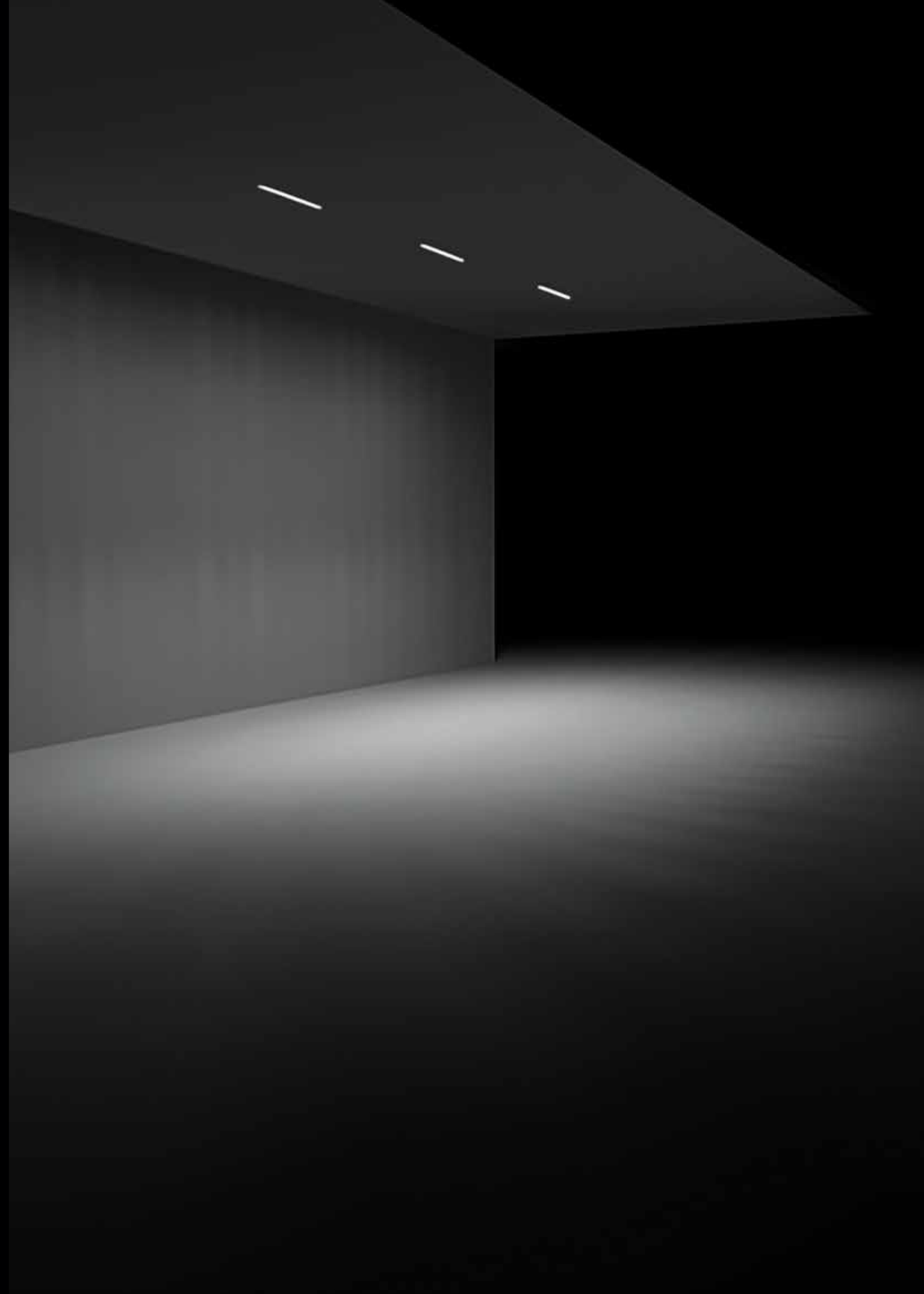
06LL914AB0
Driver elettronico DALI
150W 24V IP67
DALI elettronic driver
150W 24V IP67I

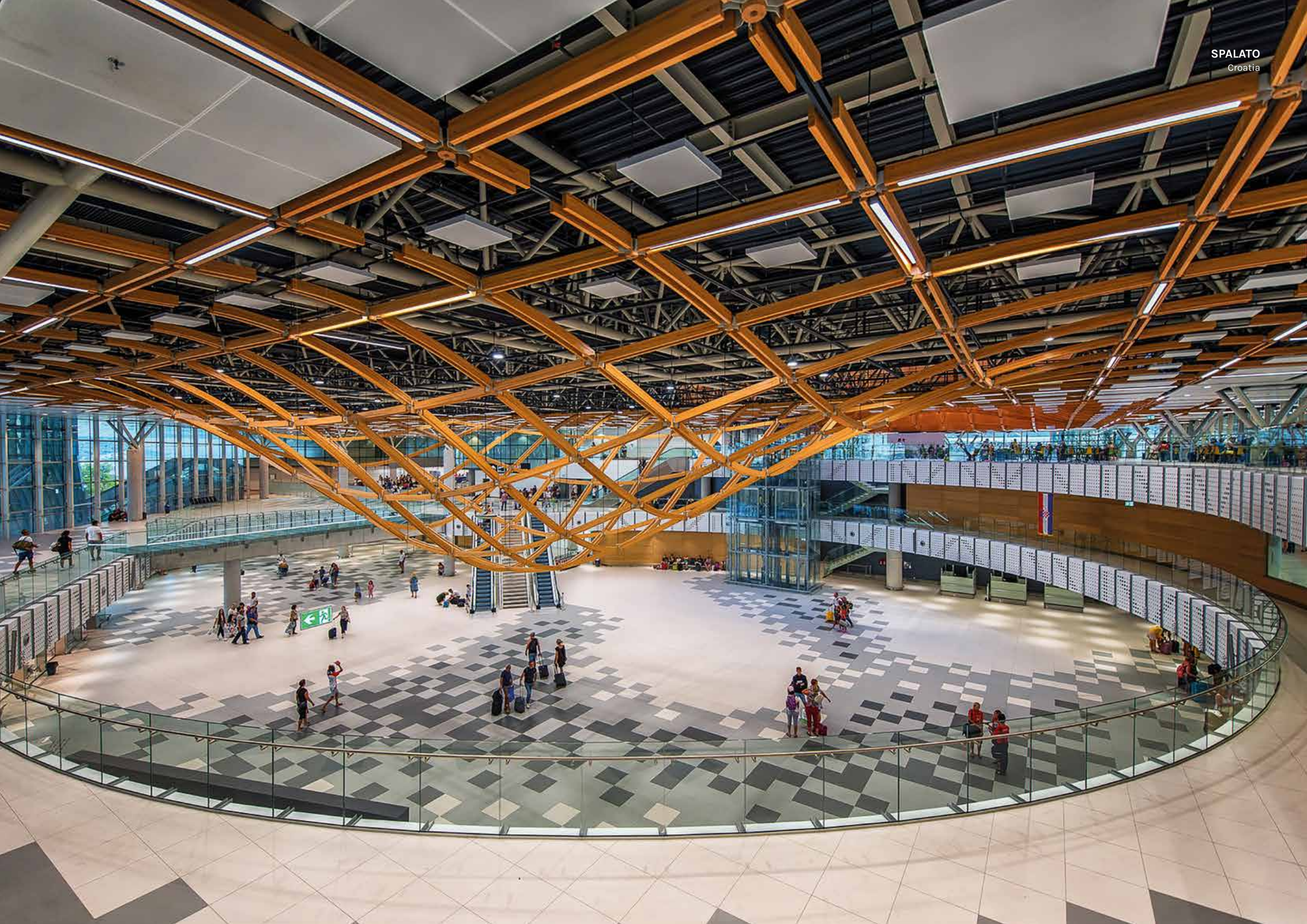


TRAIL

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

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





SPALATO
Croatia

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

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
760 - 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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

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)

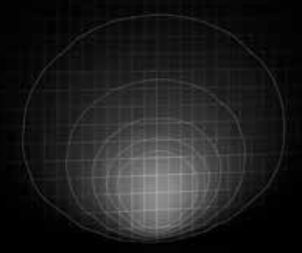
Alimentazione elettronica / Electronic power supply:
remota, da ordinare separatamente
remote, to be ordered separately

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

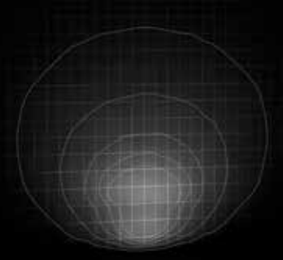
Installazione / Installation:
incasso soffitto, soffitto, incasso calpestabile, incasso parete, parete, linea continua
recessed ceiling, ceiling, walkable recessed, wall recessed, wall, continuous line

OTTICHE / OPTICS

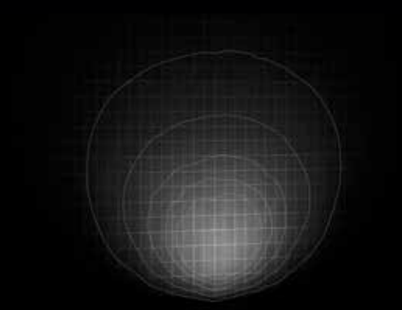
U-D 80° - 100° Ultra-diffondente / Ultra-wide beam



S 75° - 95° Simmetrica / Symmetrical

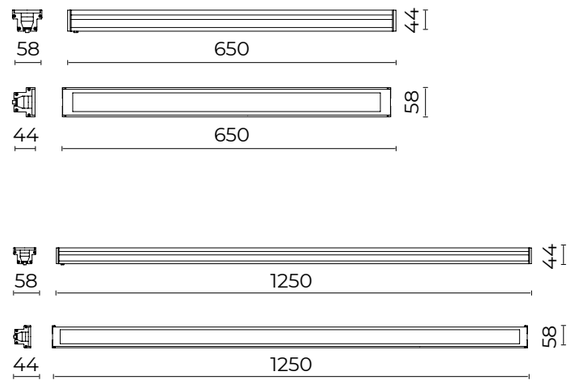


AS 30° Asimmetrica / Asymmetrical



Trail

Incasso calpestabile / Walk over recessed

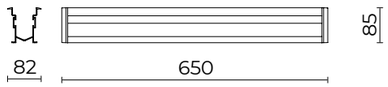


Trail

Incasso calpestabile / Walk over recessed

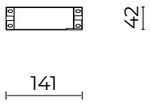
ACCESSORI / ACCESSORIES

06TR998J0
Controcassa Trail 650
Recessed housing Trail 650

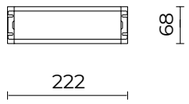


06TR999J0
Controcassa Trail 1250
Recessed housing Trail 1250

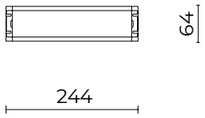
06TA902X0
Driver elettronico 60W 24V IP66
Electronic driver 60W 24V IP66



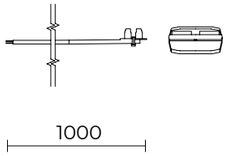
06LL914AB0
Driver elettronico DALI 150W 24V IP67
DALI electronic driver 150W 24V IP67



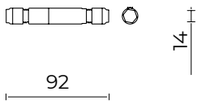
06LL915AB0
Driver elettronico 240W 24V IP67
Electronic driver 240W 24V IP67



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

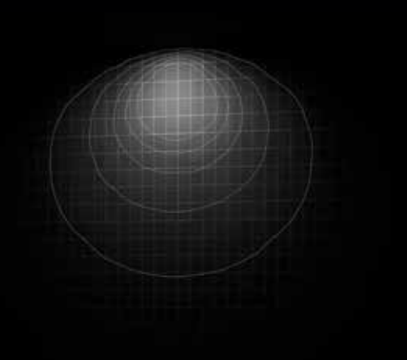


06GC902X0
B165 - Connettore 2 poli IP68
2-pole connector IP68

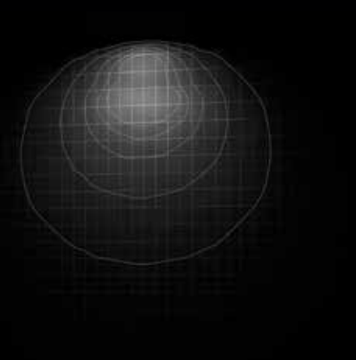


OTTICHE / OPTICS

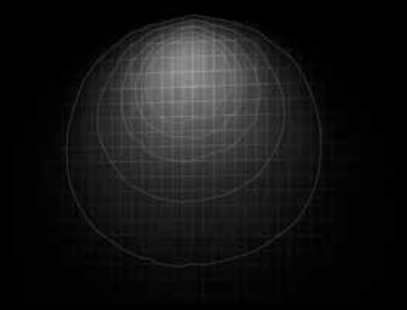
U-D 80° - 100° Ultra-diffondente / Ultra-wide beam



S 75° - 95° Simmetrica / Symmetrical

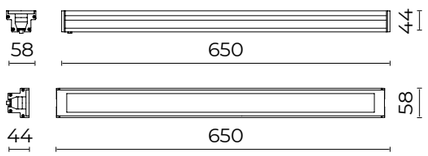


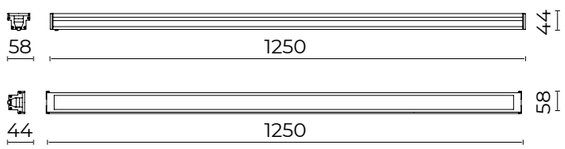
AS 30° Asimmetrica / Asymmetrical

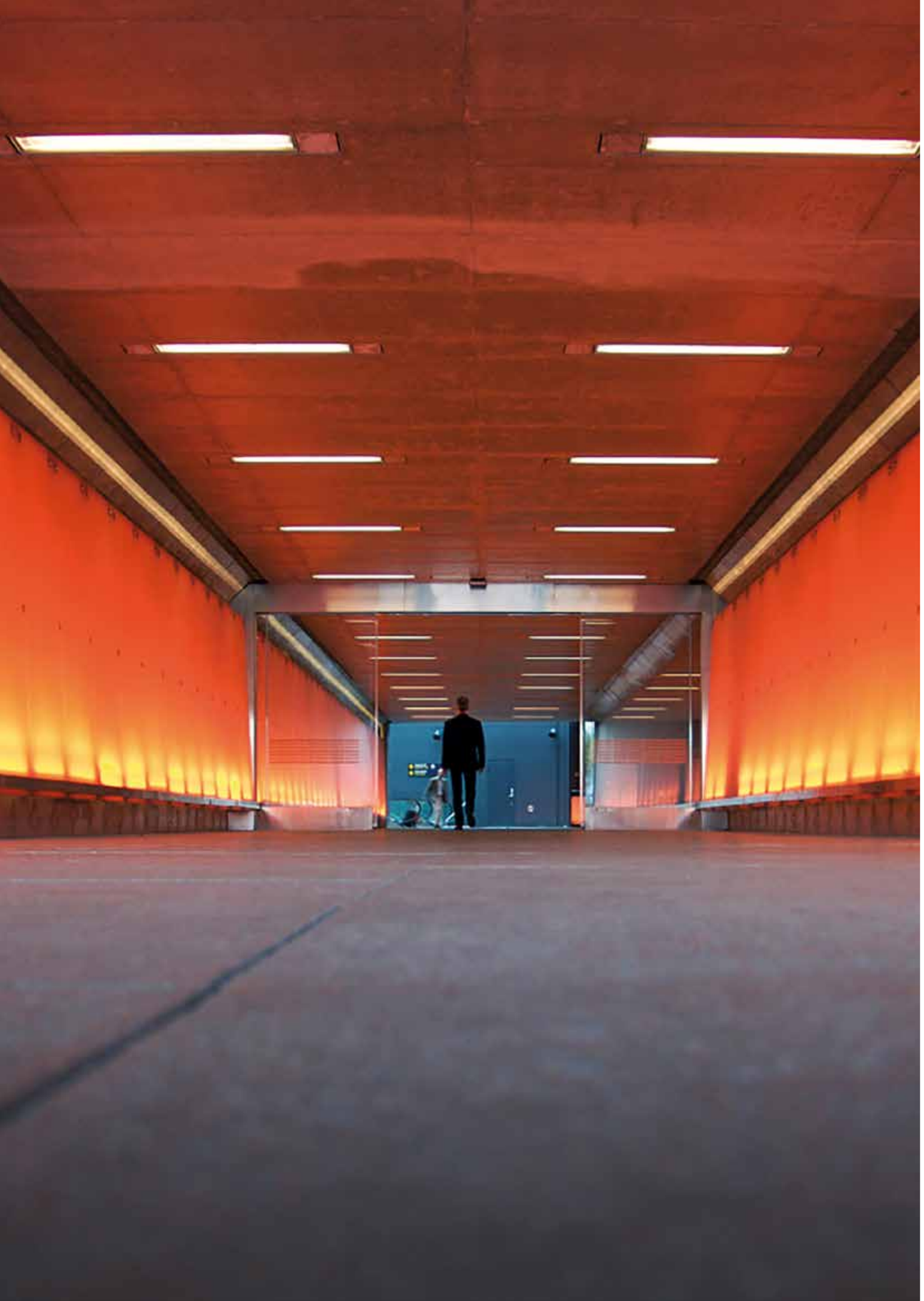


Trail

Incasso soffitto / Ceiling recessed



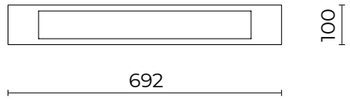




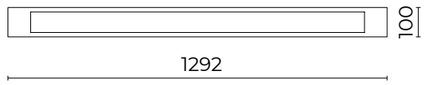
Trail
Incasso soffitto / Ceiling recessed

ACCESSORI / ACCESSORIES

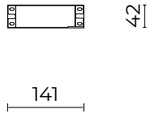
06TR988A0
Kit incasso a plafone Trail 650
Recessed ceiling kit Trail 650



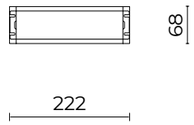
06TR989A0
Kit incasso a plafone Trail 1250
Recessed ceiling kit Trail 1250



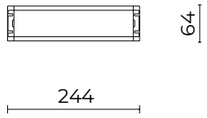
06TA902X0
Driver elettronico 60W 24V IP66
Electronic driver 60W 24V IP66



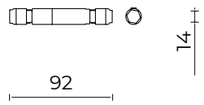
06LL914AB0
Driver elettronico DALI 150W 24V IP67
DALI electronic driver 150W 24V IP67



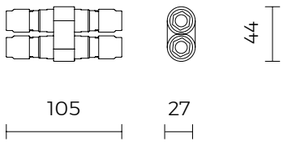
06LL915AB0
Driver elettronico 240W 24V IP67
Electronic driver 240W 24V IP67



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

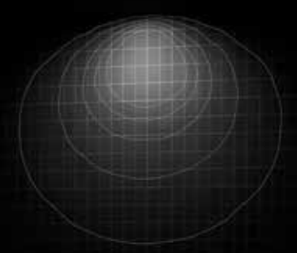


06TR977X0
B220 - Connettore 4 vie IP68
4-way connector IP68

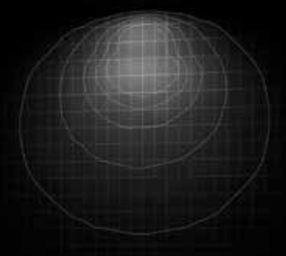


OTTICHE / OPTICS

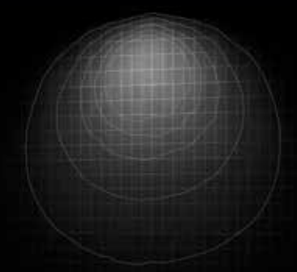
U-D 80° - 100° Ultra-diffondente / Ultra-wide beam



S 75° - 95° Simmetrica / Symmetrical



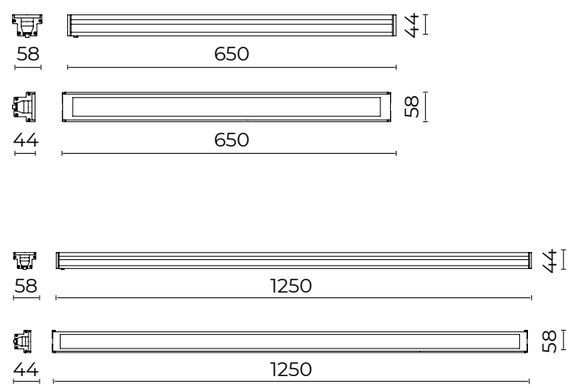
AS 30° Asimmetrica / Asymmetrical



Trail

Soffitto / Ceiling-mounted

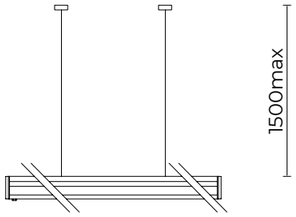
Cariboni Group



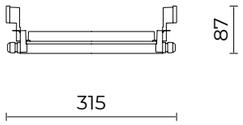
Trail
Soffitto / Ceiling-mounted

ACCESSORI / ACCESSORIES

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

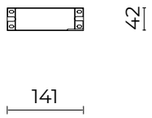


06OT988A0
Box cablato Trail per attacco a parete o a soffitto IP65 CL II / Wired box Trail for wall or ceiling attachment IP65 CL II

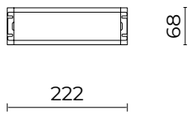


06TR987A0 - RAL9006
Staffe fissaggio Trail plafone driver remoto
Trail ceiling mounting brackets remote driver

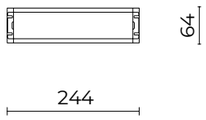
06TA902X0
Driver elettronico 60W 24V IP66
Electronic driver 60W 24V IP66



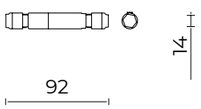
06LL914AB0
Driver elettronico 150W 24V IP67
Electronic driver 150W 24V IP67



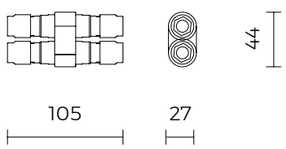
06LL915AB0
Driver elettronico DALI 150W 24V IP67
DALI electronic driver 150W 24V IP67

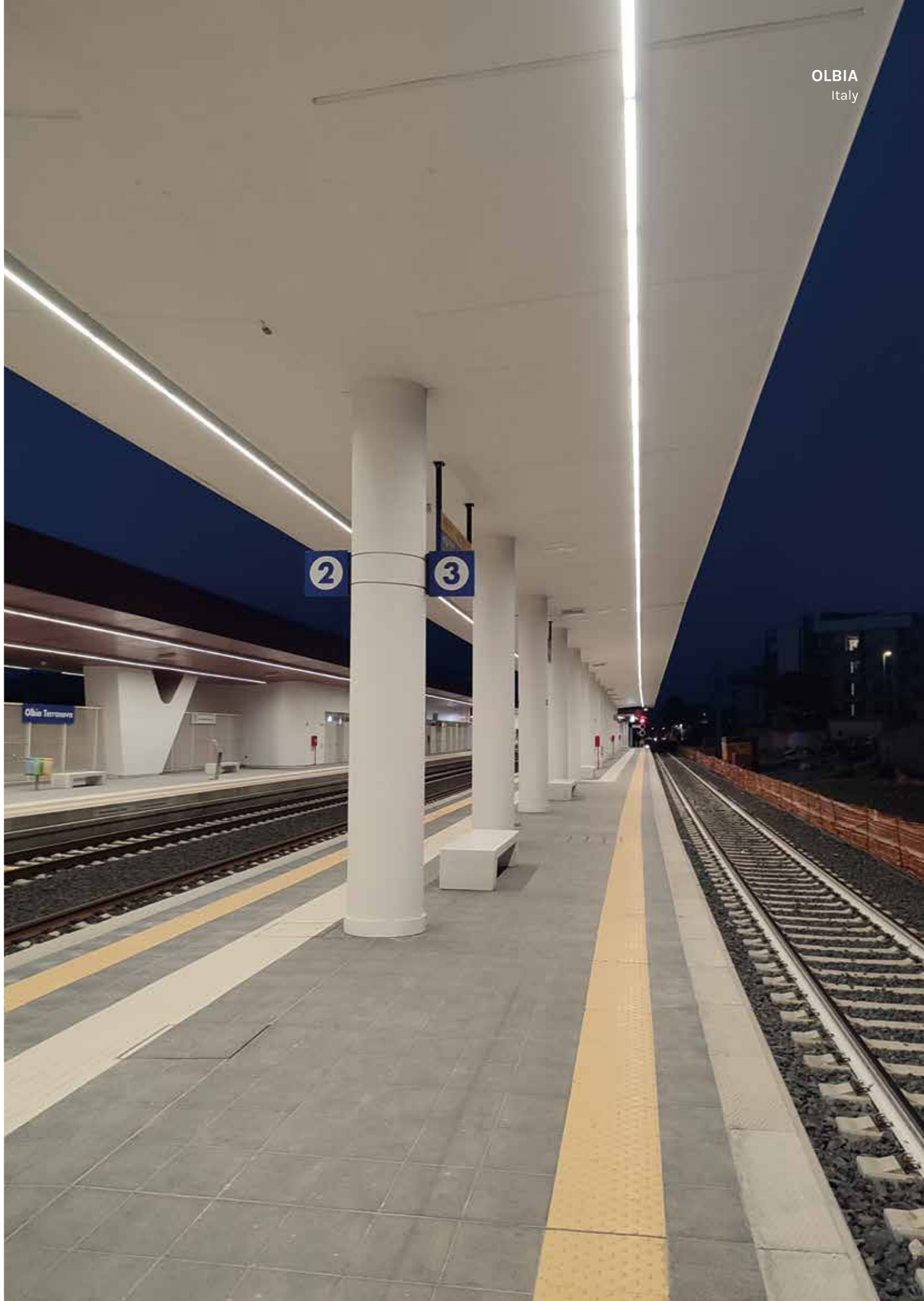


06GC902X0
B165 - Connettore 2 poli IP68
2-pole connector IP68



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





OTTICHE / OPTICS

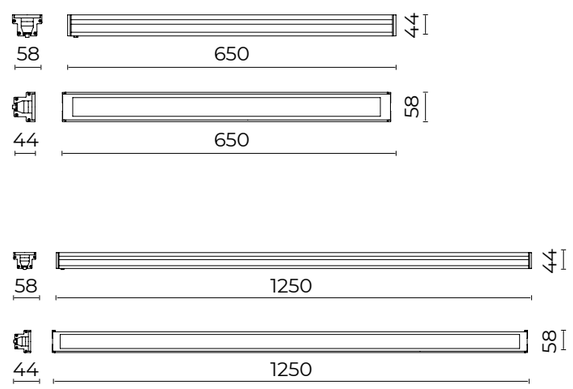
U-D 80° - 100° Ultra-diffondente / Ultra-wide beam

S 75° - 95° Simmetrica / Symmetrical

AS 30° Asimmetrica / Asymmetrical

Trail

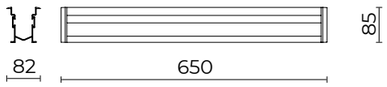
Incasso parete / Wall-recessed



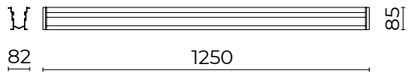
Trail
Incasso parete / Wall-recessed

ACCESSORI / ACCESSORIES

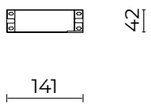
06TR998J0
Controcassa Trail 650
Recessed housing Trail 650



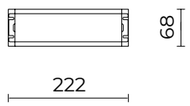
06TR999J0
Controcassa Trail 1250
Recessed housing Trail 1250



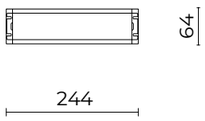
06TA902X0
Driver elettronico 60W 24V IP66
Electronic driver 60W 24V IP66



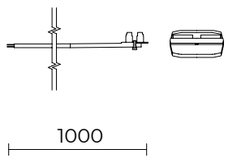
06LL914AB0
Driver elettronico DALI 150W 24V IP67
DALI electronic driver 150W 24V IP67



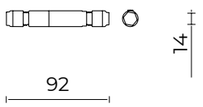
06LL915AB0
Driver elettronico 240W 24V IP67
Electronic driver 240W 24V IP67

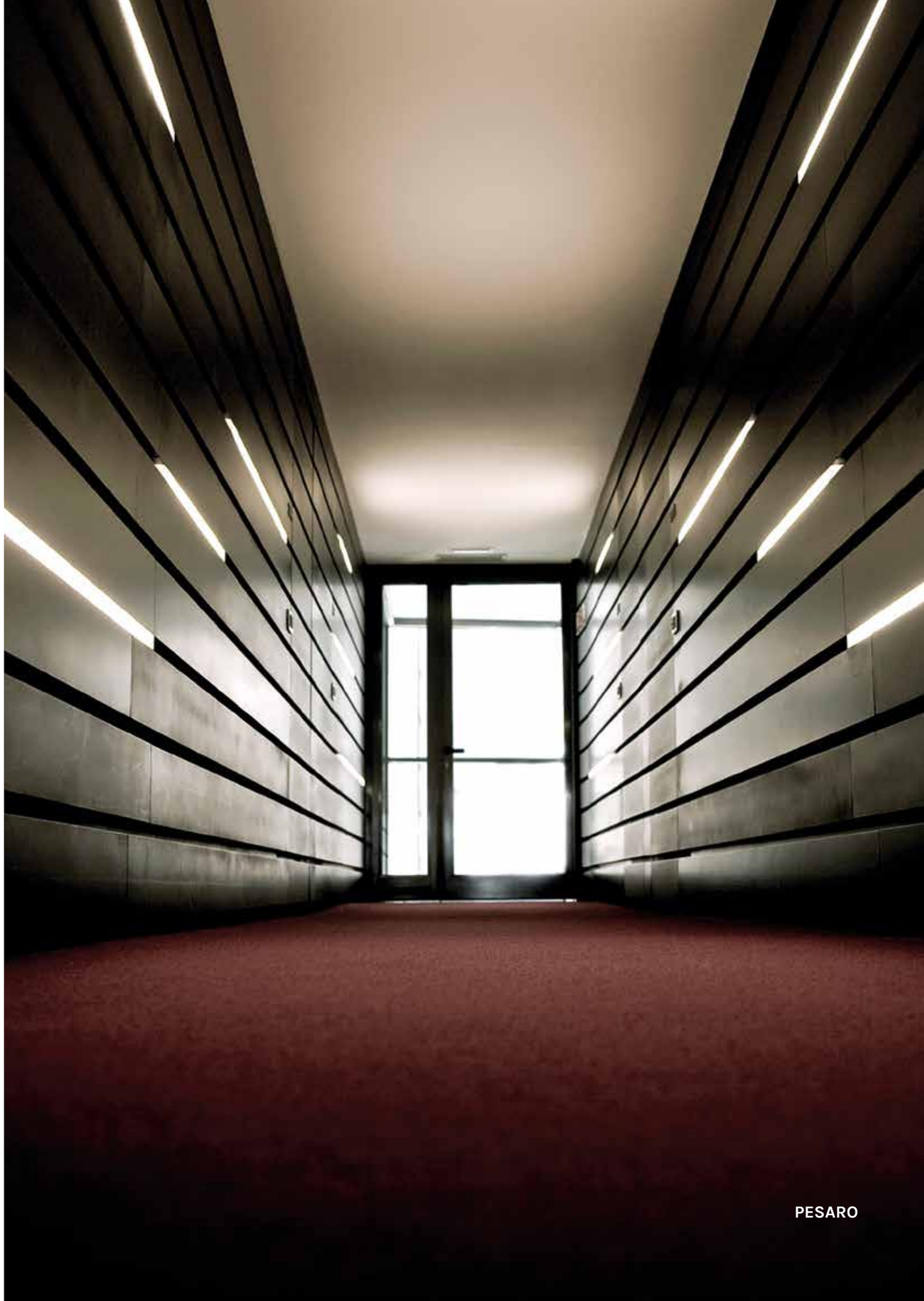


06AK958X0
M3 - Kit entra-esci cavo 2x0,75
Kit in-out cable 2x0,75



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

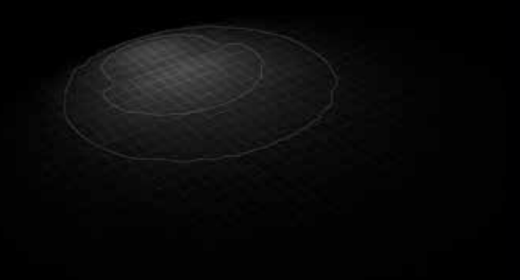




OTTICHE / OPTICS

U-D 80° - 100° Ultra-diffondente / Ultra-wide beam

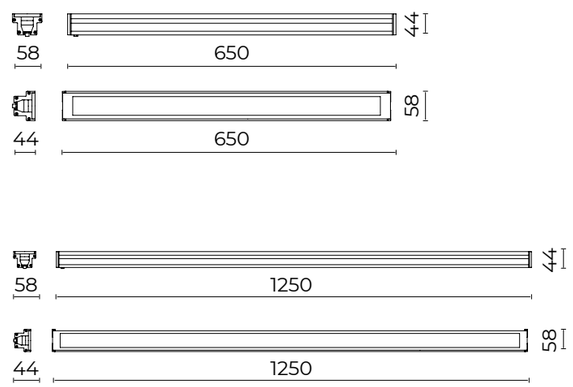
S 75° - 95° Simmetrica / Symmetrical



AS 30° Asimmetrica / Asymmetrical

Trail

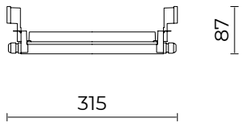
Parete / Wall-mounted



Trail
Parete / Wall-mounted

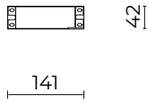
ACCESSORI / ACCESSORIES

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

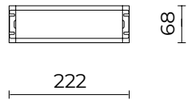


06TR997A0
Staffe fissaggio parete driver remoto
Wall mounting brackets, remote driver

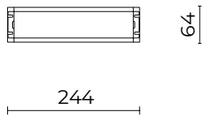
06TA902X0
Driver elettronico 60W 24V IP66
Electronic driver 60W 24V IP66



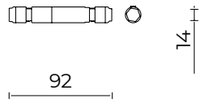
06LL914AB0
Driver elettronico DALI 150W 24V IP67
DALI electronic driver 150W 24V IP67



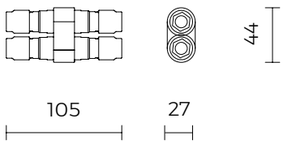
06LL915AB0
Driver elettronico 240W 24V IP67
Electronic driver 240W 24V IP67



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

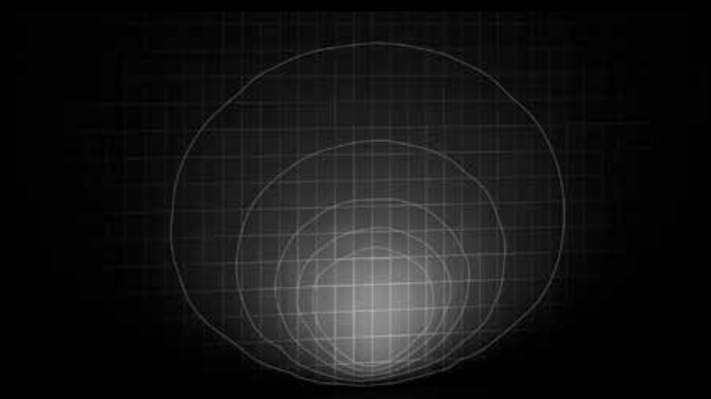


06TR977X0
B220 - Connettore 4 vie IP68
4-way connector IP68

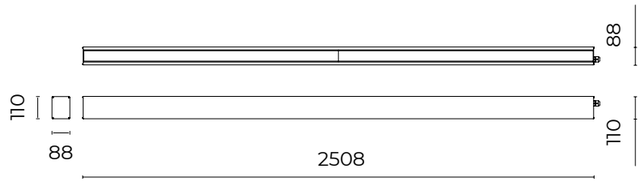


OTTICHE / OPTICS

U-D 80° - 100° Ultra-diffondente / Ultra-wide beam



Trail
Solid line



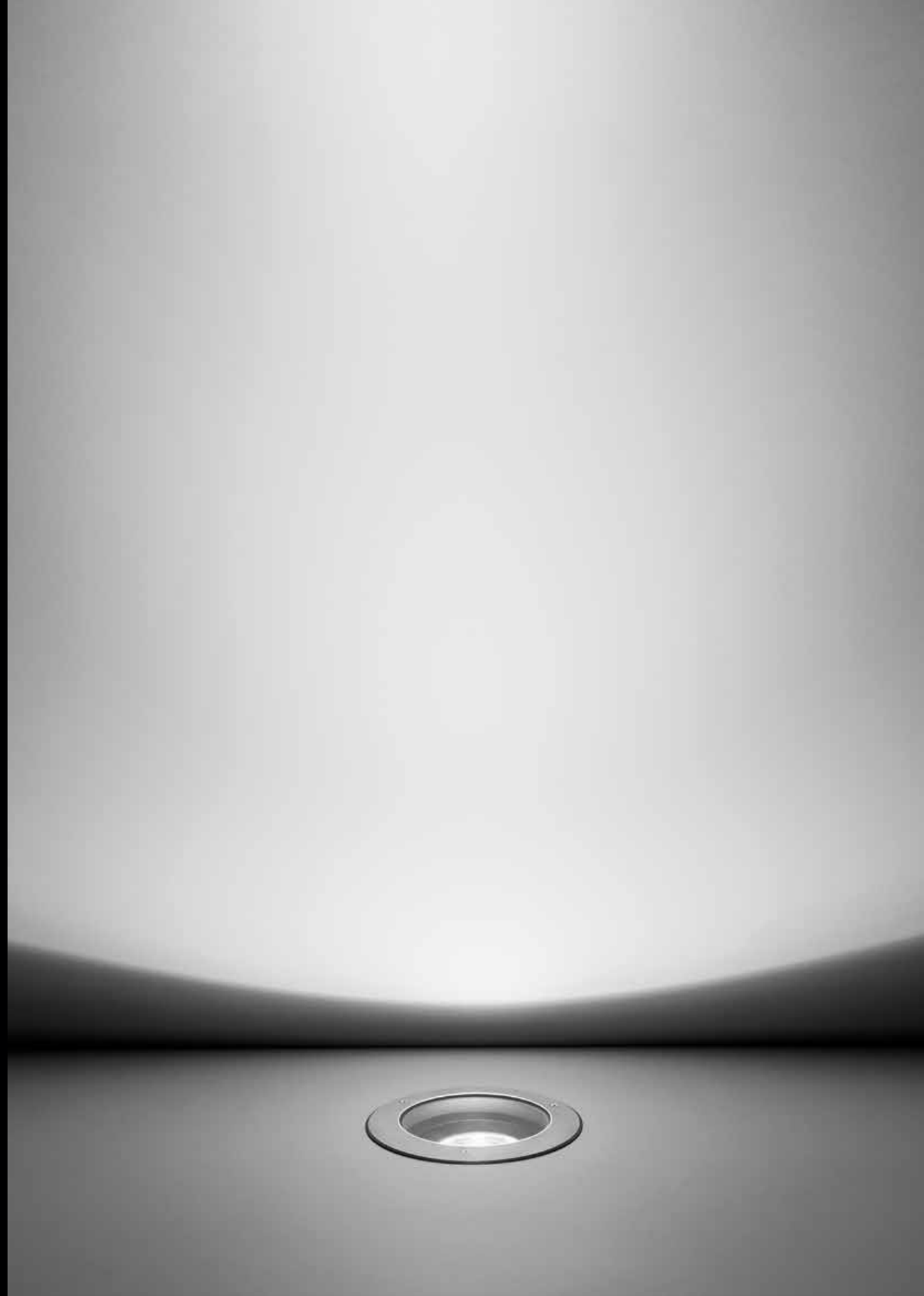
OLBIA
Italy

Olbia Terranova
Vietato attraversare i binari
Do not cross the railway lines
Vietato attraversare i binari
Do not cross the railway lines

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.



220 240V | 50 60Hz | CL III CL II (DRIVER) | IP67 | IK 09 (U-D 90°) | IK10 | ta -30 C +50 C | ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1010 - 1225 lm

Potenza apparecchio / Fitting power:
18 W

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

Illuminazione intelligente / Smart lighting:
DALI

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 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

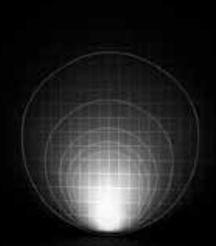
Precablaggio / Pre-wiring:
incluso / included

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

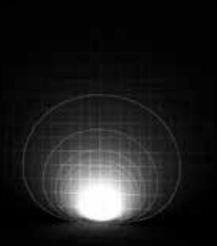
Sistema ottico orientabile / Orientable optical system:
inclinazione: 0°, -5°, -10°, -15°. Rotazione +359°
inclination: 0°, -5°, -10°, -15°. Rotation +359°

OTTICHE / OPTICS

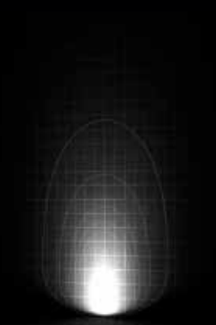
W-W Wall washer



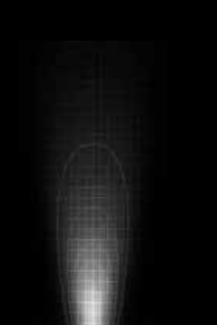
U-D 90° Ultra-diffondente / Ultra-wide beam



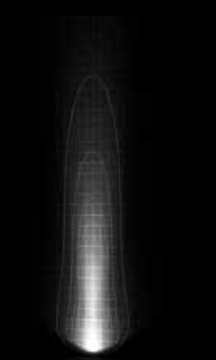
D 45° Diffondente / Wide beam



M 25° Fascio medio / Medium beam

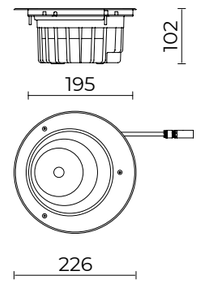


C 12° Concentrante / Narrow beam



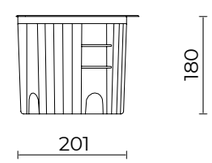
Kore

Incasso carrabile / Drive over recessed

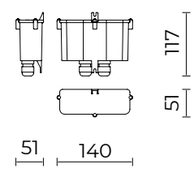


ACCESSORI / ACCESSORIES

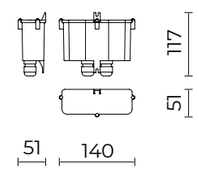
06KR901B0
B132 - Controcassa carrabile
Drive over recessed housing



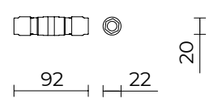
06KR904X0
B149 - Driver elettronico 20W 240V IP67
Electronic driver 20W 240V IP67



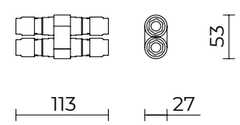
06KR905X0
B150 - Driver elettronico DALI 20W 240V IP67
DALI electronic driver 20W 240V IP67



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



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

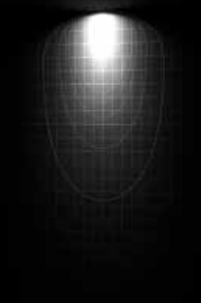


OTTICHE / OPTICS

W-W Wall washer

U-D 90° Ultra-diffondente / Ultra-wide beam

D 45° Diffondente / Wide beam

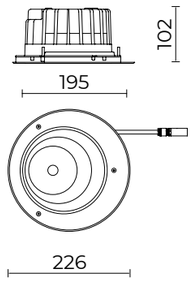


M 25° Fascio medio / Medium beam

C 12° Concentrante / Narrow beam

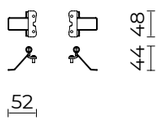
Kore

Incasso soffitto / Ceiling recessed

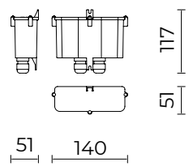


ACCESSORI / ACCESSORIES

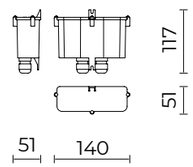
06KR903XX0
B134 - Molle per incasso a soffitto
Springs for ceiling recessed installation



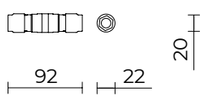
06KR904X0
B149 - Driver elettronico 20W 240V IP67
Electronic driver 20W 240V IP67



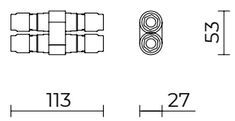
06KR905X0
B150 - Driver elettronico DALI 20W 240V IP67
DALI electronic driver 20W 240V IP67



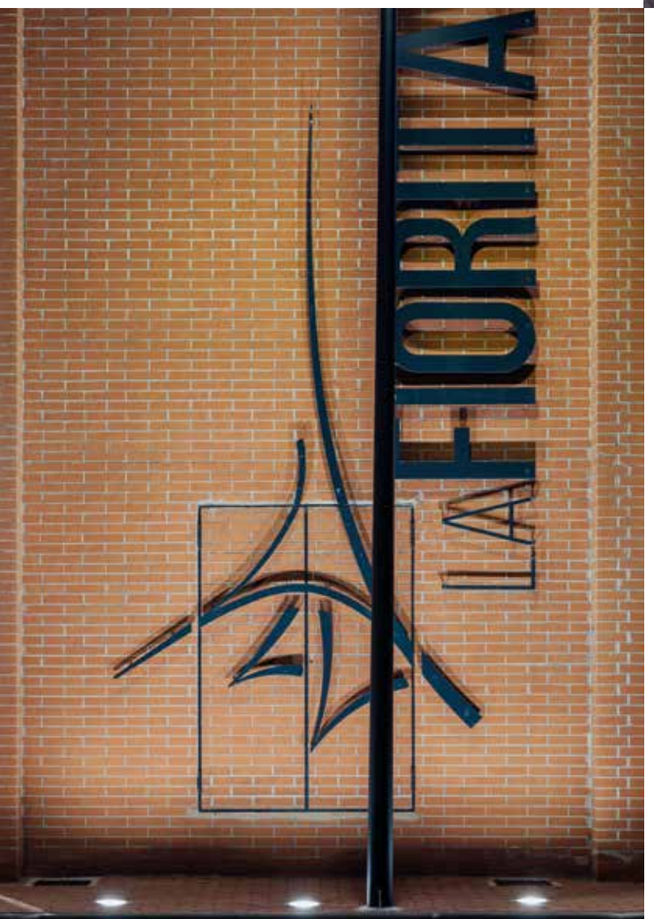
06KS918C0
B137 - Connettore 2 vie IP68
2-way connector IP68



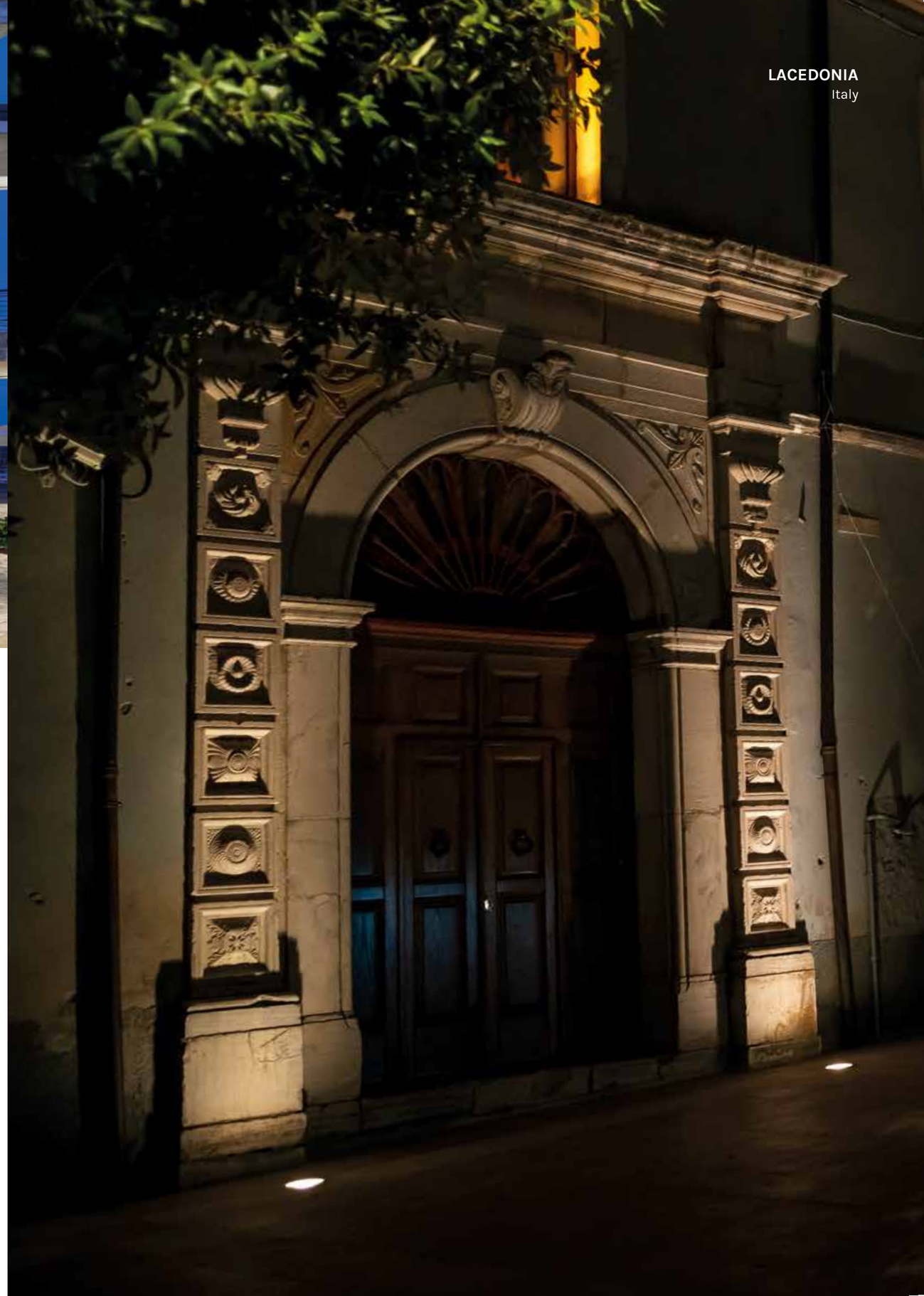
06KS909C0
B89 - Connettore 4 vie IP68
4-way connector IP68



Kore



FINALE EMILIA
Italy



LACEDONIA
Italy

BANISTER

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

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

VENICE
Italy

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

ROHS

* individual module ** continuous line *** handrail

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
115 - 460 lm

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

3000 K

MATERIALI / MATERIALS

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

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

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

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

COLORI / COLOURS

SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
2 kg

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

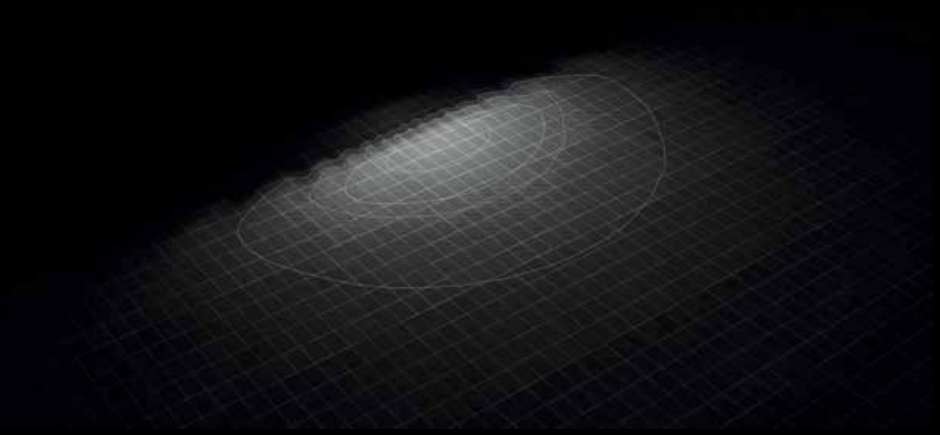
Resistenza sovratensioni / Surge Protection Device:
MC 6 kV
MD 10 kV

Installazione / Installation:
parete / wall

Fissaggio / Fixing system:
staffa fissa / fixed bracket

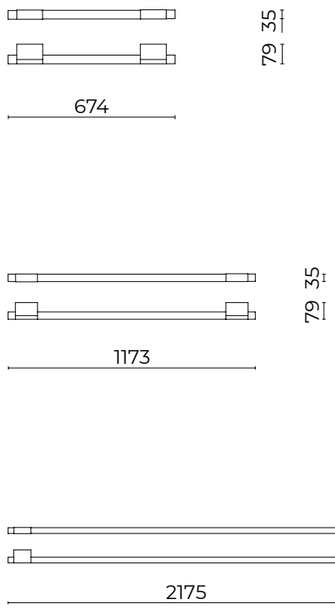
OTTICHE / OPTICS

S-D Simmetrica diffondente orientabile / Adjustable symmetrical wide beam

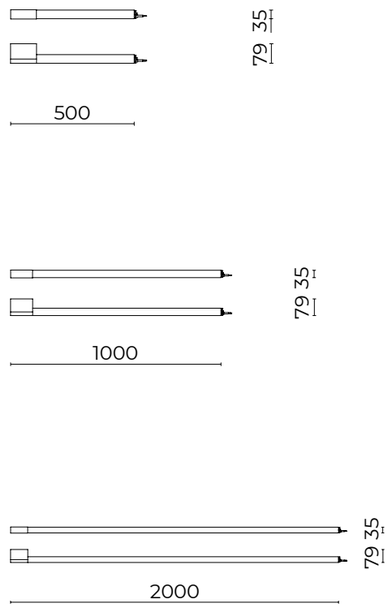


Banister
Parete / Wall

INDIVIDUAL MODULE
driver included



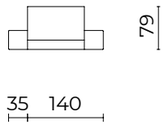
CONTINUOUS LINE



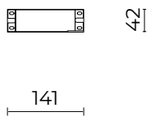
Banister
Parete / Wall

ACCESSORI / ACCESSORIES

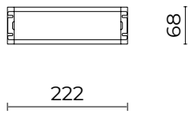
06BA900C0
Kit 2 terminali e staffa
Kit with 2 terminal parts and brackets



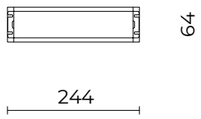
06TA902X0
Driver elettronico 60W 24V IP66
Elettronic driver 60W 24V IP66



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



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



MONTIGNOSO
Italy

VADO LIGURE
Italy

EMI

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

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

MILAN
Italy

Emi

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

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
140 - 160 lm

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

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

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

MATERIALI / MATERIALS

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

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

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

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
0,6 kg

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

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

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

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

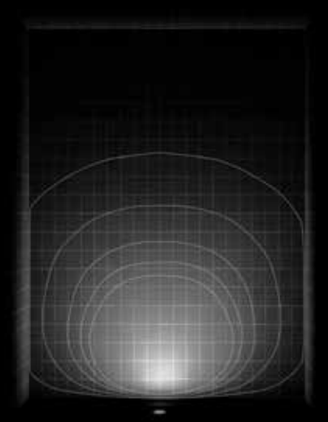
TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

OTTICHE / OPTICS

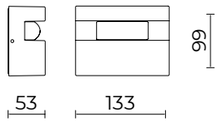
BL Blade 5°x180°

AS-D Asimmetrica diffondente / Asymmetrical wide beam

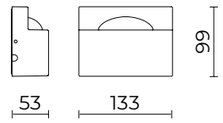


Emi

BL



AD

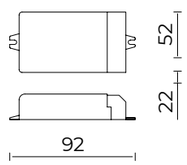


COLORI / COLOURS

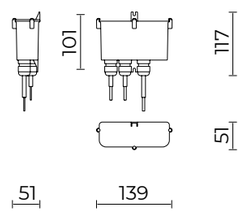
- SABLÉ 100 NOIR
- RAL9006
- CORTEN
- RAL9003

ACCESSORI / ACCESSORIES

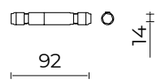
06EM900X0
D1 - Driver DALI 20W 24V IP20
N. 1 - 4 EMI / DALI driver 20W 24V IP20 N. 1 - 4 EMI



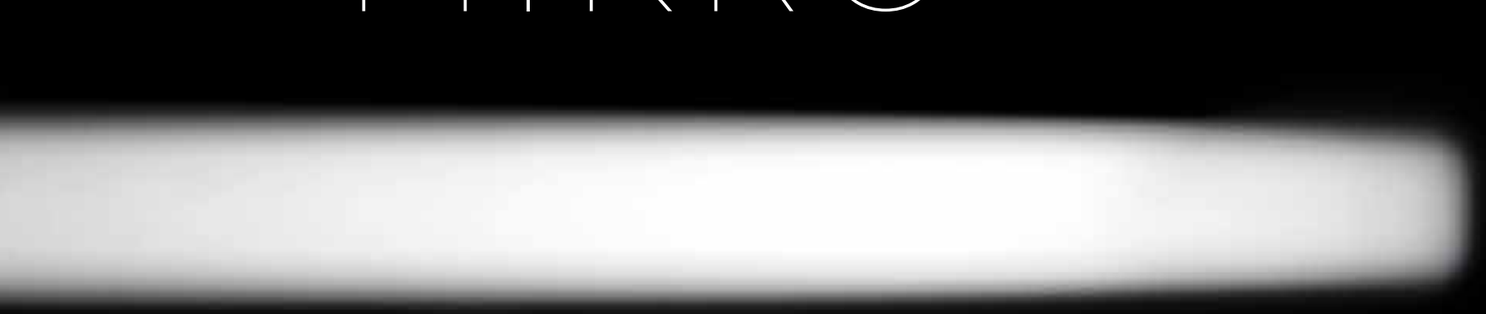
06EM901X0
D2 - Kit driver DALI 20W 24V IP67
N. 1 - 4 EMI / Kit DALI driver 20W 24V IP67 N. 1 - 4 EMI

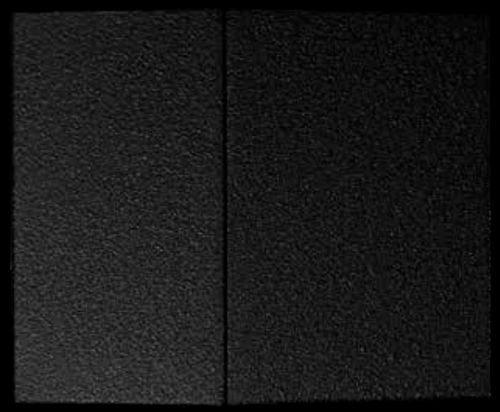


06GC902X0
B165 - Connettore 2 poli IP68
2-pole connector IP68



MIKRO





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

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

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

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
140 - 180 lm

Potenza apparecchio / Fitting power:
4 W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 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

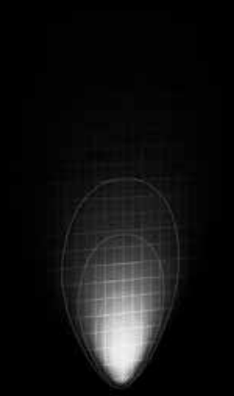
Inclinazione / Inclination:
Staffa di fissaggio integrata che, se necessario, può essere regolata per consentire l'inclinazione del prodotto (-15° ÷ +105°) e l'installazione anche nelle condizioni più complesse / Built-in fixing bracket that can be adjusted if necessary to tilt the product (-15° ÷ +105°)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

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

OTTICHE / OPTICS

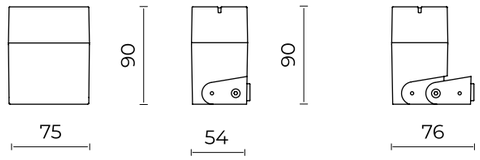
Blade 4°x17°

Diffondente 50°x20° / Wide beam



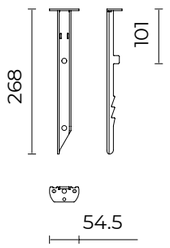
Spot 21°x19°

Mikro

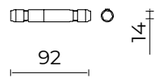


ACCESSORI / ACCESSORIES

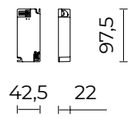
06AK957B0
I2 - Picchetto per interramento
Spike for ground



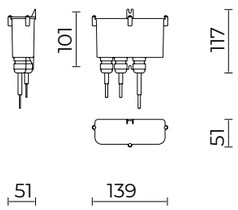
06GC902X0
B165 - Connettore 2 poli
2 pole connector



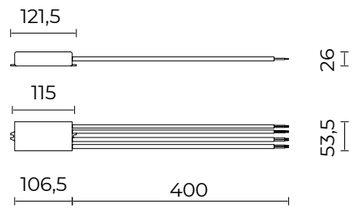
06MK900X0
D3 - Driver 30W 650mA IP20 1 - 6 Mikro
Driver 30W 650 mA IP20 1 - 6 Mikro



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



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



GRAPHO

GRAPHO è la soluzione per l'illuminazione d'accento delle facciate, pensata per disegnare con la luce gli scenari urbani notturni.

GRAPHO is the solution for accent lighting of facades, designed to draw urban night scenes with light.

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

CE ROHS

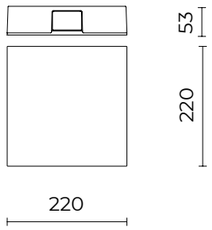
DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
280 lm

Potenza apparecchio / Fitting power:
9 - 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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- CORTEN
- RAL9003

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
1,5 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

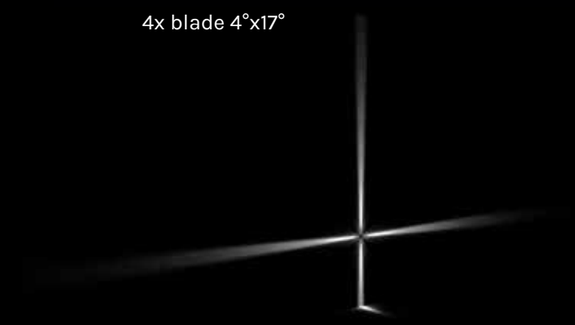
Installazione / Installation:
parete, soffitto. Ingresso cavo posteriore, predisposizione per entra-esci / wall-mounted, ceiling. Rear cable entry, predisposition to in and out setup

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

OTTICHE / OPTICS

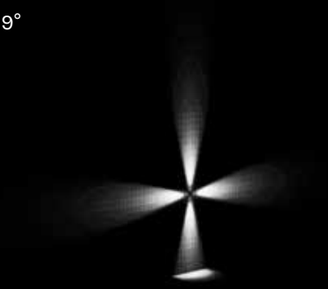
2x blade 4°x17°

4x blade 4°x17°



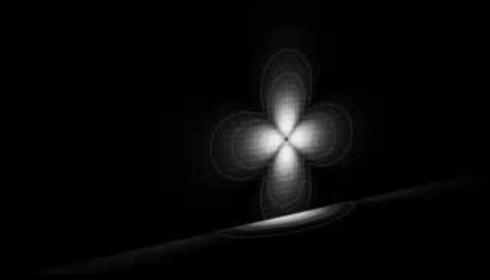
2x spot 21°x19°

4x spot 21°x19°



2x wide beam 50°x20°

4x wide beam 50°x20°



2x ultra wide beam 100°x60°

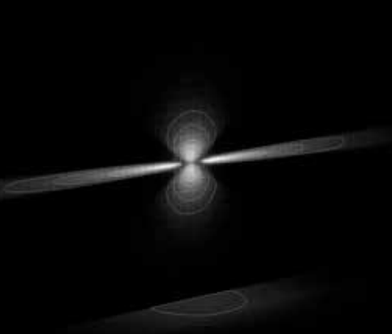
4x ultra wide beam 100°x60°

1x blade 4°x17° +
1x spot 21°x19°

2x blade 4°x17° +
2x spot 21°x19°

1x blade 4°x17 + 1x ultra
wide beam 100°x60°

2x blade 4°x17° + 2x ultra
wide beam 100°x60°



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

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
200 - 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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006
- CORTEN
- RAL9003

CARATTERISTICHE / FEATURES

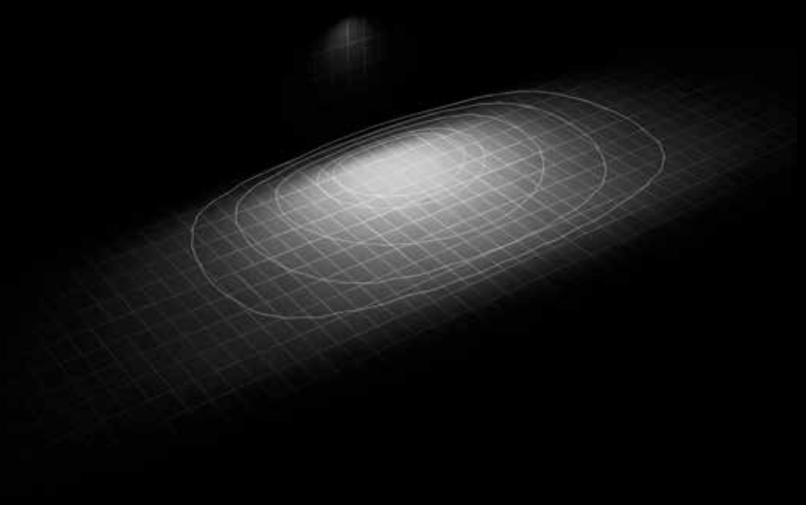
Peso massimo / Max weight:
0,5 kg (SQ), 2 kg (MQ-MR)

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

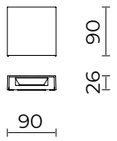
OTTICHE / OPTICS

AS-D Asimmetrica diffondente / Asymmetrical wide beam

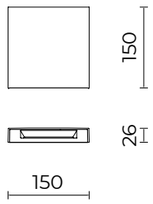


Sans Serif

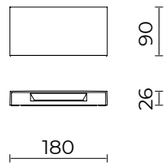
SMALL
QUADRATO
SQUARED



MEDIUM
QUADRATO
SQUARED

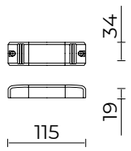


MEDIUM
RETTANGOLARE
RECTANGULAR



ACCESSORI / ACCESSORIES

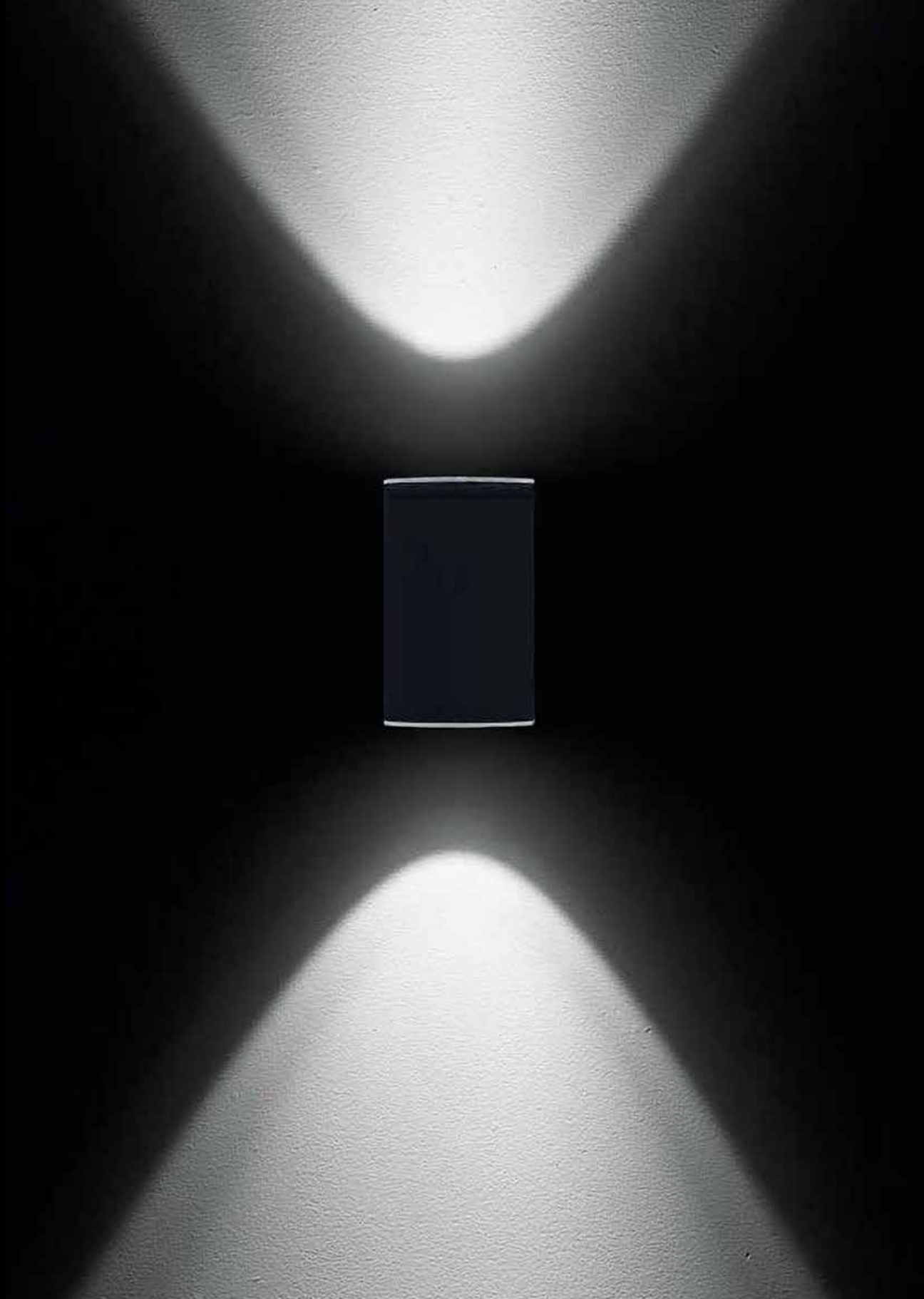
06SS900X0
B184 - Driver IP20 350mA 15W,
max 3 SANS SERIF SQ ON-OFF
Driver IP20 350 mA 15 W,
max 3 Sans Serif SQ ON-OFF



ONE4TWO

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

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



TORONTO
Canada

D-MARIN DALMACIJA
Croatia

SESTO SAN GIOVANNI
Italy

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

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
465 - 2200 lm

Potenza apparecchio / Fitting power:
7 - 31 W

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

MATERIALI / MATERIALS

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

Schermo / Screen:
vetro piano temprato
tempered flat glass

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

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

COLORI / COLOURS

- SABLÉ 100 NOIR
- RAL9006

CARATTERISTICHE / FEATURES

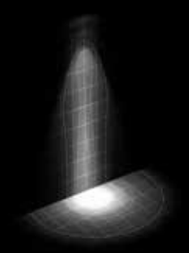
Peso massimo / Max weight:
2 kg (small), 4 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa / included

Installazione / Installation:
parete / wall

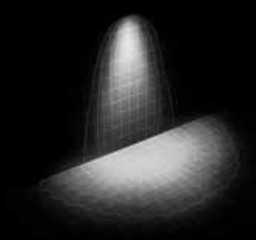
OTTICHE / OPTICS

U-C 8° Ultra-concentrante / Ultra-narrow beam



D 40° + D 40°

D 40° Diffondente / Wide beam

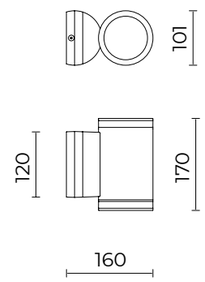


U-C 8° + D 40°

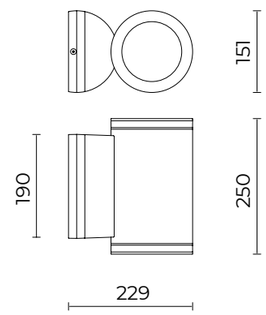
U-C 8° + U-C 8°

One4two
Parete / Wall

SMALL



MEDIUM



POLI

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

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

TARTUS
Syria

LECCO
Italy

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

ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1360 - 8790 lm

Potenza apparecchio / Fitting power:
13,5 - 78 W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 3000 K
- 4000 K

MATERIALI / MATERIALS

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

Schermo / Screen:
vetro piano temprato / tempered flat glass

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

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

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
8 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

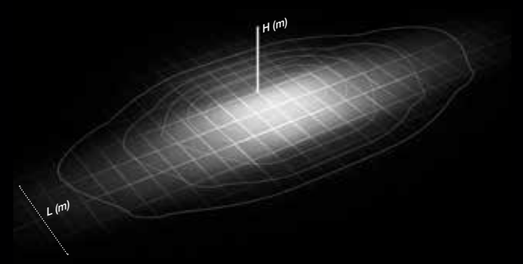
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

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

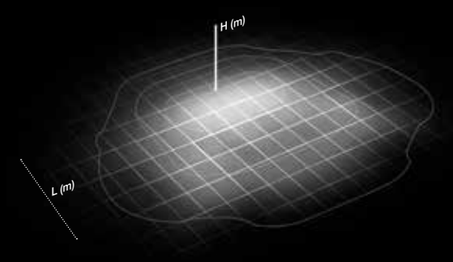
Installazione / Installation:
pali cima Ø 60 mm innesto H 90 mm
poles with post top Ø 60 mm and fastening part H 90 mm

OPTIQUES / OPTIKEN

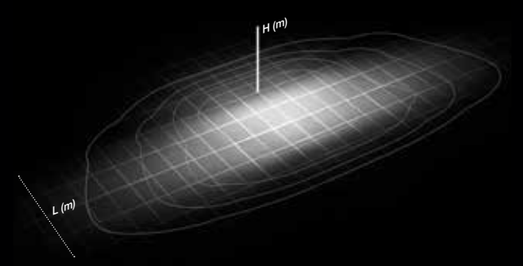
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



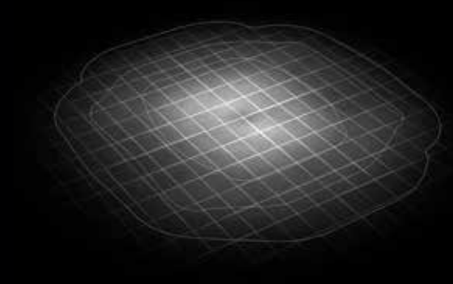
LT-06 Asimmetrica / Asymmetrical
L / H = 2



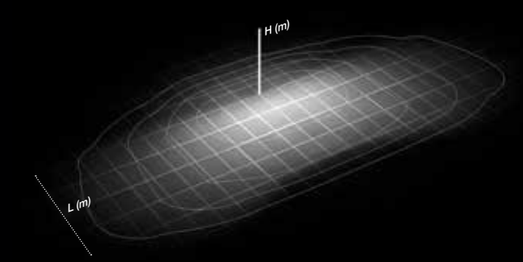
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



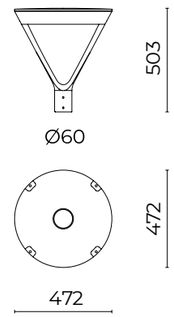
RS-01 Rotosimmetrica / Rotosymmetrical

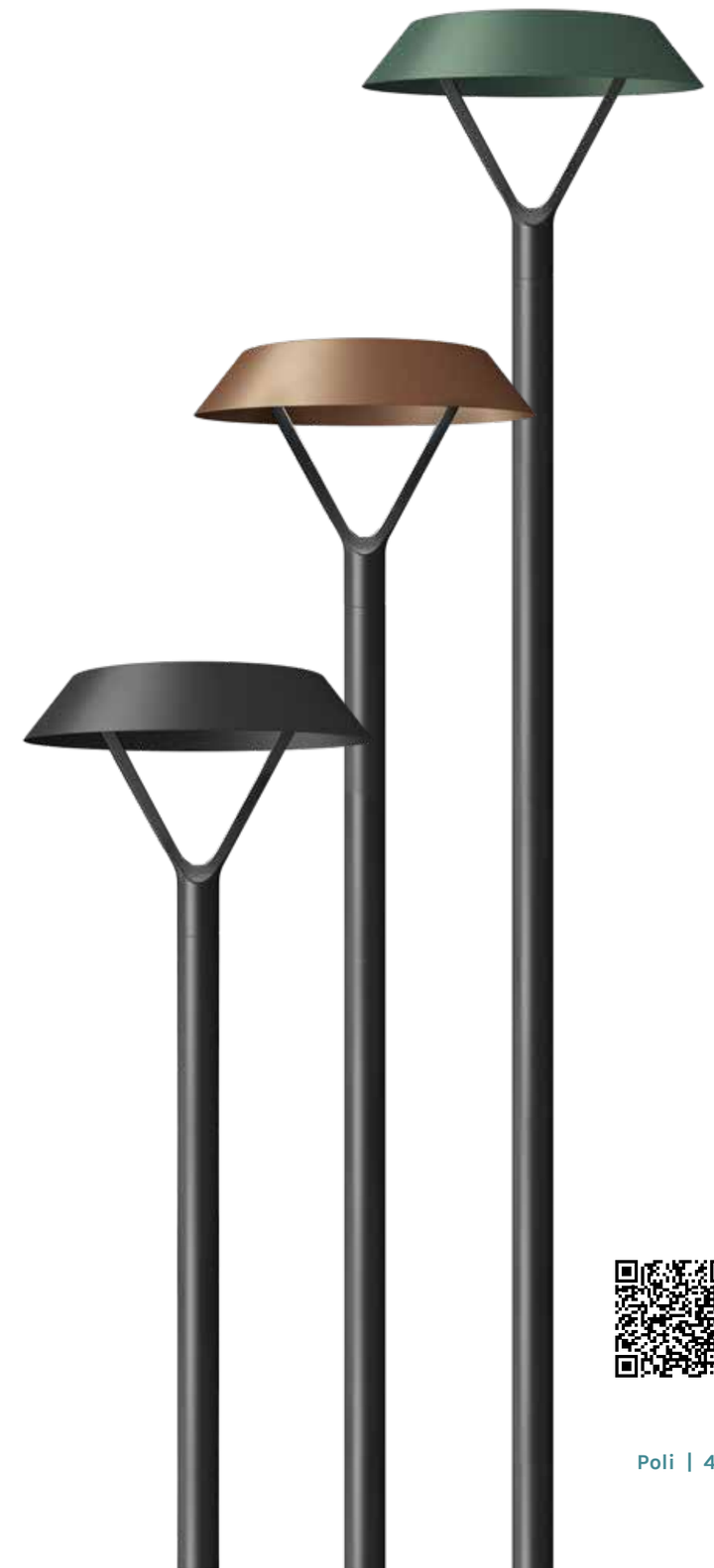


LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



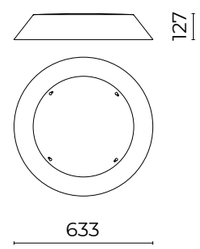
Poli



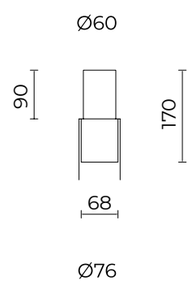


ACCESSORI / ACCESSORIES

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



01AY904C0
L7 - Riduzione per pali
Reduction for poles



DUAL

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

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

MIAMI
USA

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

CE ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1830 - 7010 lm

Potenza apparecchio / Fitting power:
13,5 - 52,5 W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

MATERIALI / MATERIALS

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

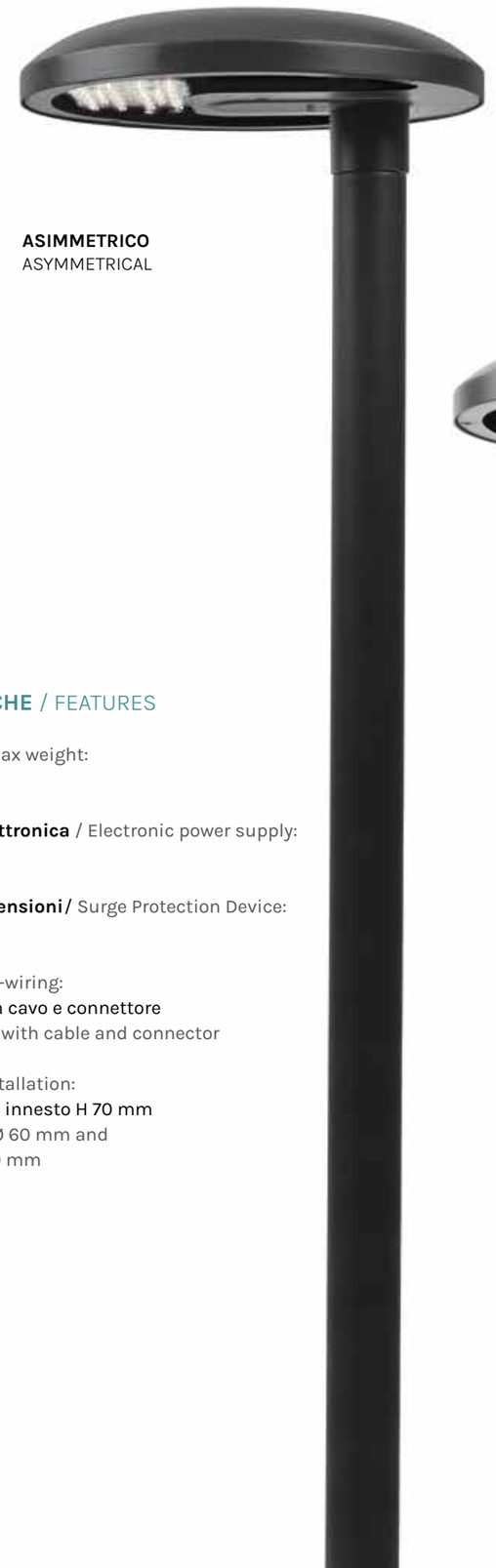
Schermo / Screen:
policarbonato trasparente stabilizzato agli UV con fotoincisione / transparent polycarbonate UV stabilized with photoengraving

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

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

COLORI / COLOURS

- SABLÉ 100 NOIR



ASIMMETRICO
ASYMMETRICAL

ROTOSIMMETRICO
ROTOSYMMETRICAL

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
6 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

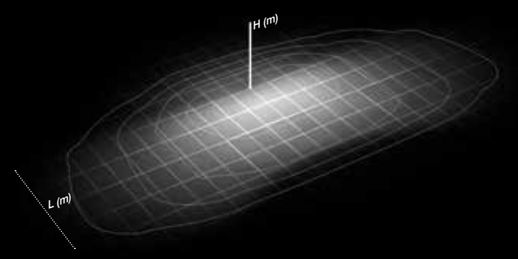
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

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

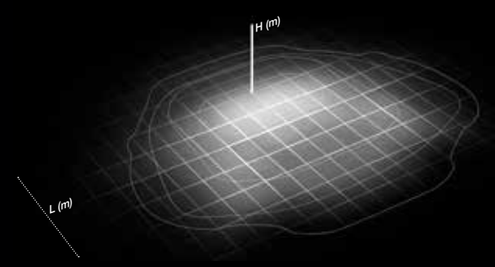
Installazione / Installation:
pali cima Ø 60 mm innesto H 70 mm
poles for post top Ø 60 mm and fastening part H 70 mm

OTTICHE / OPTICS

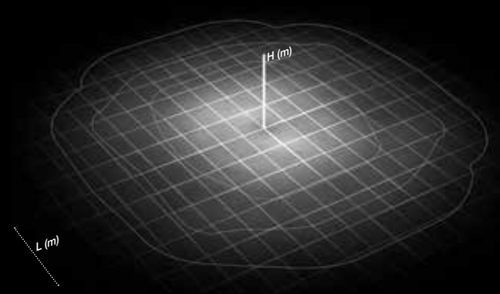
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



LT-06 Asimmetrica / Asymmetrical
L / H = 2

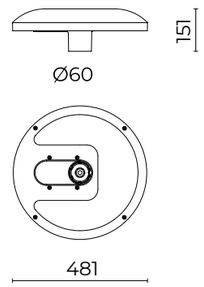


RS-01 Rotosimmetrica / Rotosymmetrical

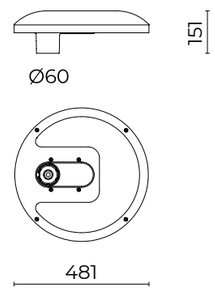


Dual

Rotosimmetrico
Rotosymmetrical



Asimmetrico
Asymmetrical



KALOS

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

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

CESANO BOSCONE
Italy

9000
8000
7000
6000
5000
4000

9000
8000
7000
6000
5000
4000

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

ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1610 - 13895 lm

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

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

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

COLORI / COLOURS

SABLÉ 100 NOIR

MATERIALI / MATERIALS

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

Schermo / Screen:
vetro piano temprato / tempered flat glass

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

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

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
8 kg

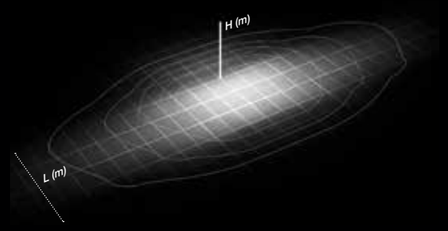
Alimentazione elettronica / Electronic power supply:
inclusa / included

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

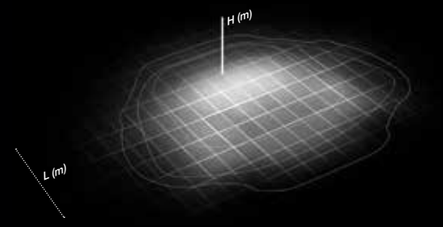
Installazione / Installation:
testa palo, lato palo, sospensione braccio, sospensione tesata, parete, sottoportico
post top, pole side, arm suspension, string suspension, wall, arcade

OTTICHE / OPTICS

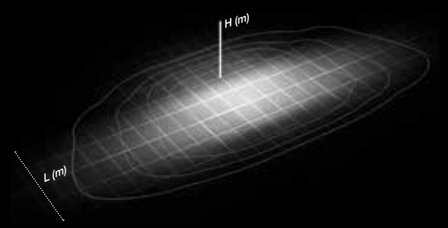
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



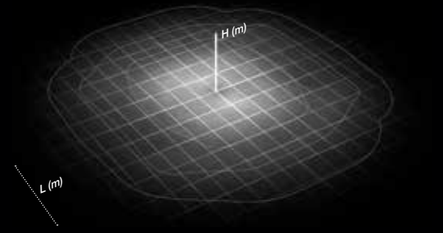
LT-06 Asimmetrica / Asymmetrical
L / H = 2



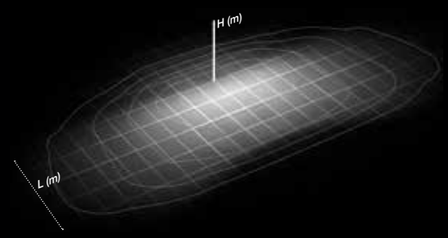
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



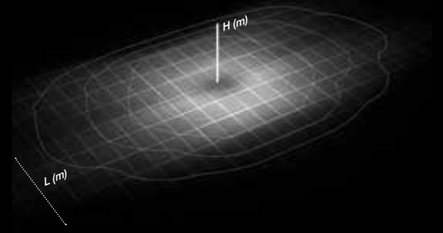
RS-01 Rotosimmetrica / Rotosymmetrical
L / H = 2



LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



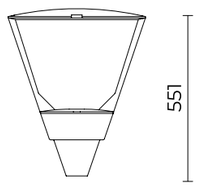
F&B ST-01 + LA-01 Asimmetrica stradale
Street asymmetrical L / H = 0,75 + 1,25

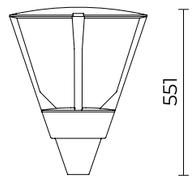


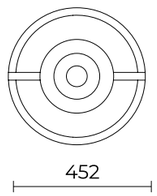
Kalos
Testa palo / Post top

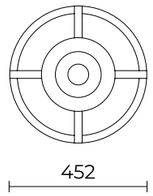
DATI TECNICI / TECHNICAL DATA

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









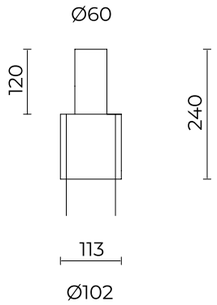
TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 3000 K
- 4000 K

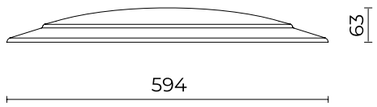
Kalos
Testa palo / Post top

ACCESSORI / ACCESSORIES

01SC913C0
Riduzione codolo
Reduction fastening part

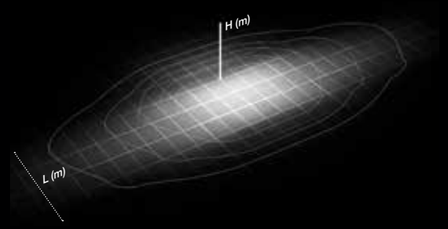


01KA901C0
Cappello per Kalos 4 chele testa palo o su braccio portato
Cover for Kalos 4 post top arms or on arm for upwards installation

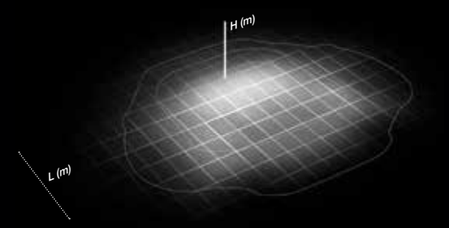


OTTICHE / OPTICS

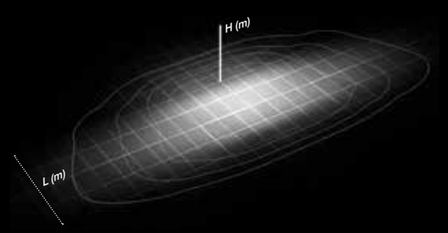
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



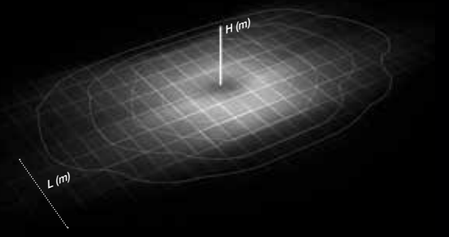
LT-06 Asimmetrica / Asymmetrical
L / H = 2



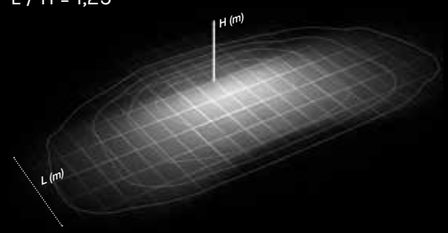
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



F&B ST-01 + LA-01 Asimmetrica stradale
Street asymmetrical L / H = 0,75 + 1,25



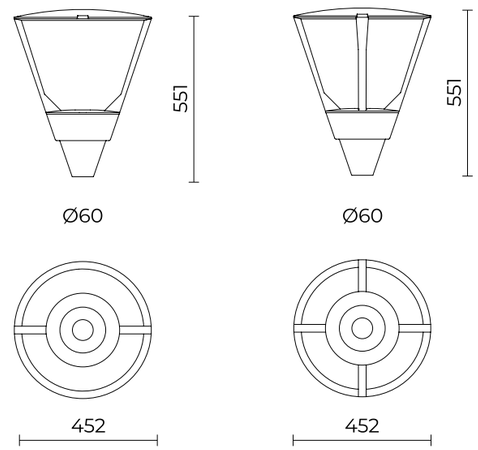
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



Kalos
Lato palo / Pole side

DATI TECNICI / TECHNICAL DATA

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



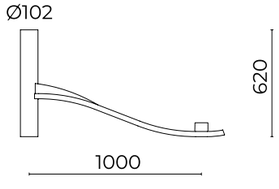
TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 3000 K
- 4000 K

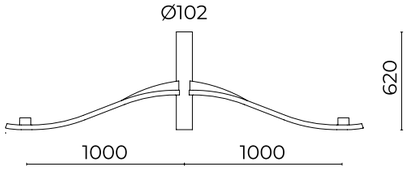
Kalos
Lato palo / Pole side

BRACCI / ARMS

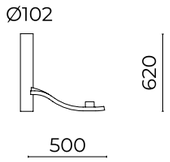
01KA902C0
B35 - Braccio per pali con codolo
Ø 60 mm H 120 mm
Arm for poles with fastening part



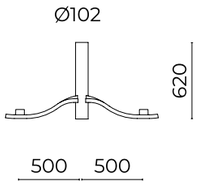
01KA903C0
B36 - Braccio doppio per pali con codolo
Ø 60 mm H 120 mm
Double arm for poles with fastening part
Ø 60 mm H 120 mm



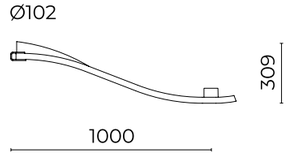
01KA904C0
B37 - Braccio per pali con codolo
Ø 60 mm H 120 mm
Arm for poles with fastening part
Ø 60 mm H 120 mm



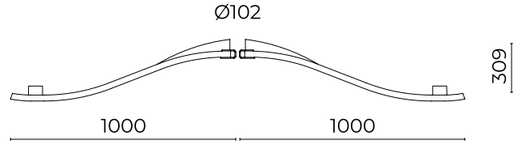
01KA905C0
B38 - Braccio doppio per pali con codolo
Ø 60 mm H 120 mm
Double arm for poles with fastening part
Ø 60 mm H 120 mm



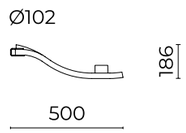
01KA906C0
B39 - Braccio per pali
Arm for poles



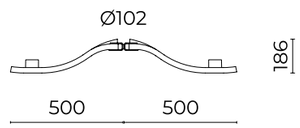
01KA907C0
B44 - Braccio doppio per pali
Double arm for poles



01KA908C0
B45 - Braccio per pali
Arm for poles



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



VILNIUS
Lithuania

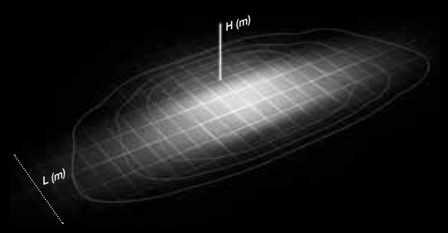
SIRACUSA
Italy

LOHJA
Finland

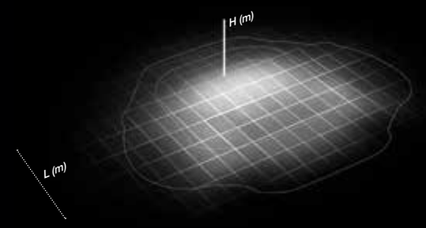
OMEGNA
Italy

OTTICHE / OPTICS

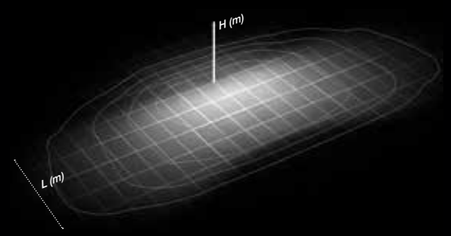
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



LT-06 Asimmetrica / Asymmetrical
L / H = 2



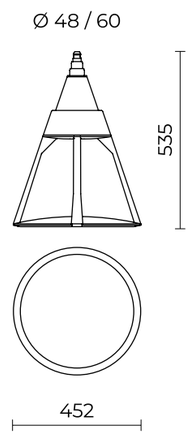
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



Kalos
Sospensione braccio / Arm suspension

DATI TECNICI / TECHNICAL DATA

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



TEMPERATURA COLORE
COLOUR TEMPERATURE

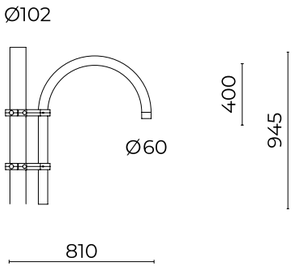
- 3000 K
- 4000 K

Kalos

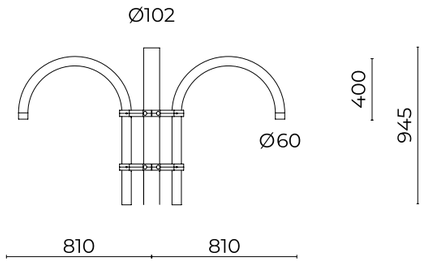
Sospensione braccio / Arm suspension

BRACCI / ARMS

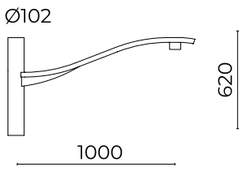
01AK935C0
B15 - Braccio pastorale per pali
Curved arm for poles



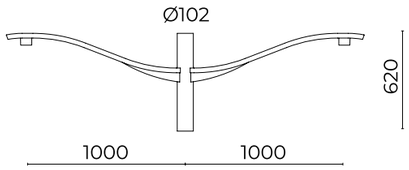
01AK936C0
B16 - Braccio pastorale doppio per pali
Double curved arm for poles



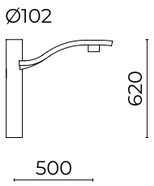
01KA902C0
B35 - Braccio per pali con codolo Ø 60 mm H 120 mm / Arm for poles with fastening part Ø 60 mm H 120 mm



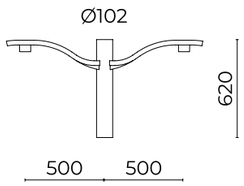
01KA903C0
B36 - Braccio doppio per pali con codolo Ø 60 mm H 120 mm / Double arm for poles with fastening part Ø 60 mm H 120 mm



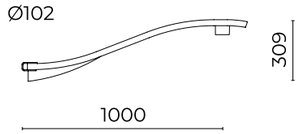
01KA904C0
B37 - Braccio per pali con codolo Ø 60 mm H 120 mm / Arm for poles with fastening part Ø 60 mm H 120 mm



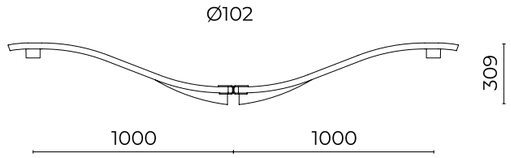
01KA905C0
B38 - Braccio doppio per pali con codolo Ø 60 mm H 120 mm / Double arm for poles with fastening part Ø 60 mm H 120 mm



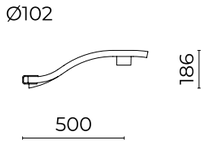
01KA906C0
B39 - Braccio per pali
Arm for poles



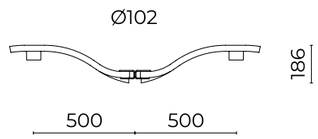
01KA907C0
B44 - Braccio doppio per pali
Double arm for poles



01KA908C0
B45 - Braccio per pali
Arm for poles



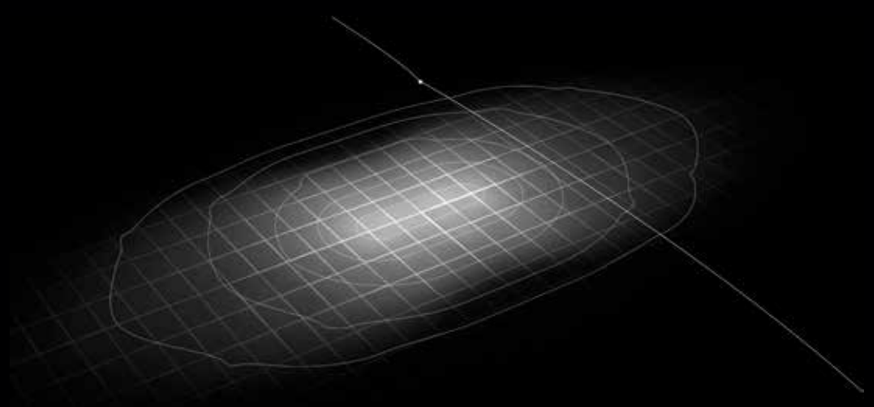
01KA909C0
B46 - Braccio doppio per pali
Double arm for poles



01AK907C0
L16 - Kit sospensione maschio
Male suspension kit

OTTICHE / OPTICS

SO-01 Simmetrica stradale / Street symmetrical

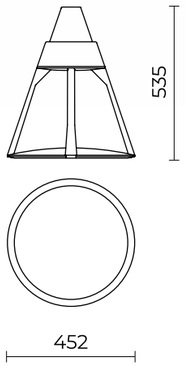


Kalos
Sospensione tesata / String suspension

DATI TECNICI / TECHNICAL DATA

Installazione / Installations:
fune tesata / string suspension

Orientabilità / Adjustability:
0° ÷ 360°

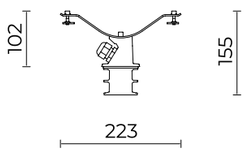


TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

ACCESSORI / ACCESSORIES

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



OTTICHE / OPTICS

ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75

LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25

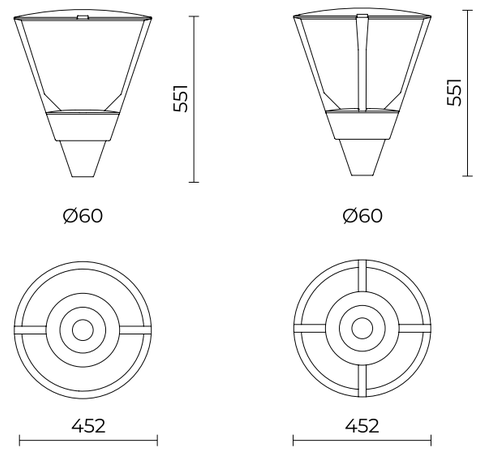
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1

LT-06 Asimmetrica / Asymmetrical
L / H = 2

Kalos
Parete / Wall

DATI TECNICI / TECHNICAL DATA

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



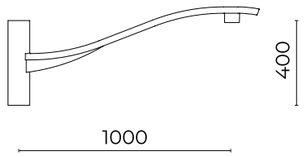
TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

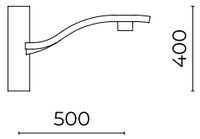
Kalos
Parete / Wall

BRACCI / ARMS

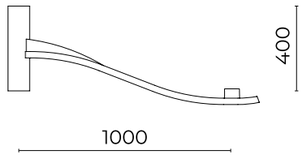
01KA910C0
B39-P - Braccio parete DOWN
Arm wall-mounted DOWN



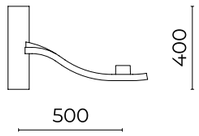
01KA911C0
B45-P - Braccio parete DOWN
Arm wall-mounted DOWN



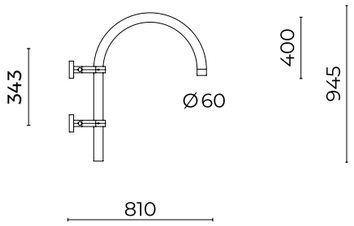
01KA910C0
B39-P - Braccio parete UP
Arm wall-mounted UP



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

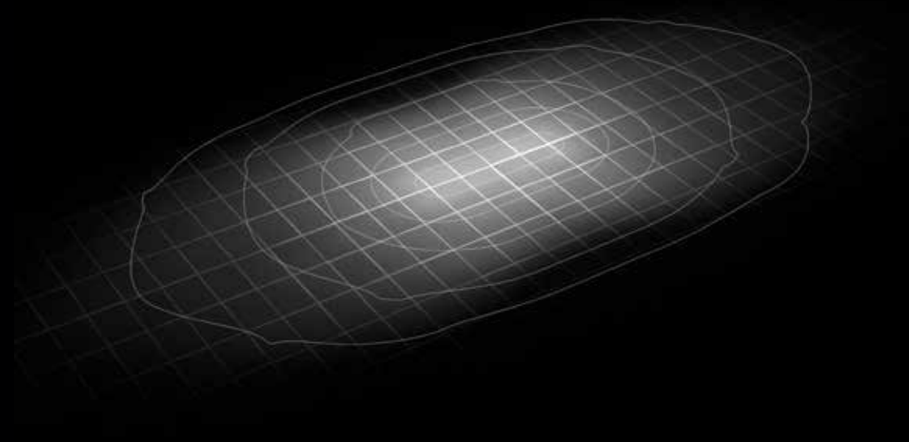


01AK950C0
B15-P - Braccio pastorale parete
Curved arm for wall



OTTICHE / OPTICS

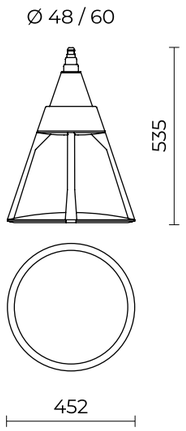
SO-01 Simmetrica stradale / Street symmetrical



Kalos
Sottoportico / Arcade

DATI TECNICI / TECHNICAL DATA

Installazione / Installations:
sottoportico / arcade

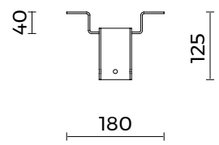


TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

ACCESSORI / ACCESSORIES

01KA915C0
B53 - Kit sospensione plafone
Ceiling suspension kit



YPSILON

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

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

MILAN
Italy

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

CE ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1880 - 13230 lm

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

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

MATERIALI / MATERIALS

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

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

Schermo / Screen:
vetro piano temprato
tempered flat glass

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

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

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
16 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

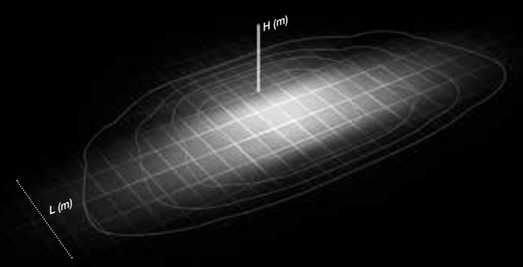
Resistenza sovratensioni / Surge Protection Device:
10 kV CM/DM

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

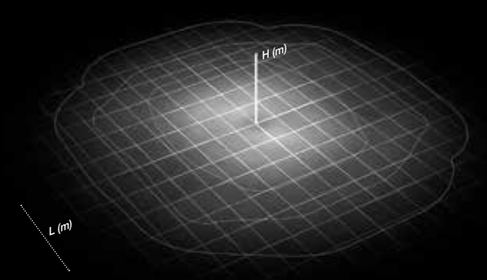
Installazione / Installation:
testa palo, lato palo / post top, pole side

OTTICHE / OPTICS

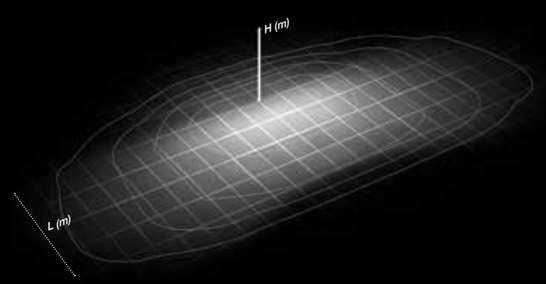
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



RS-01 Rotosimmetrica / Rotosymmetrical

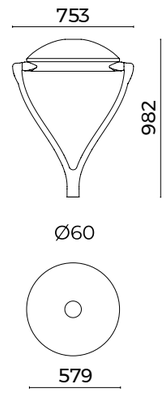


LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



Ypsilon

Testa palo / Post top

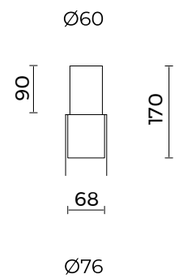


DATI TECNICI / TECHNICAL DATA

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

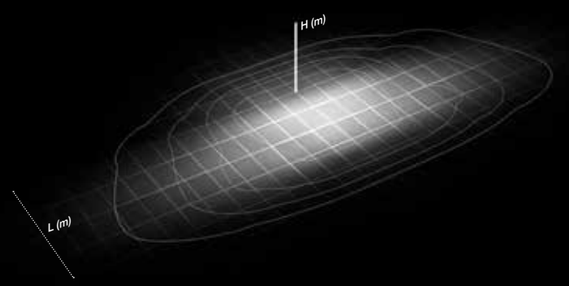
ACCESSORI / ACCESSORIES

01AY904C0
L7 - Riduzione per pali
Reduction for poles

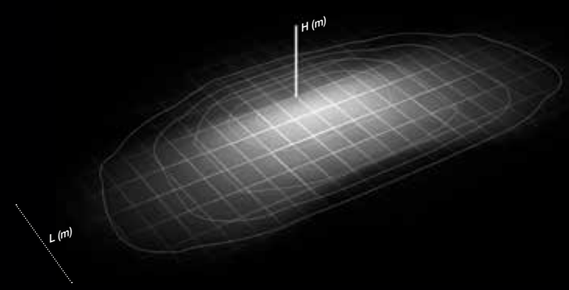


OTTICHE / OPTICS

ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1

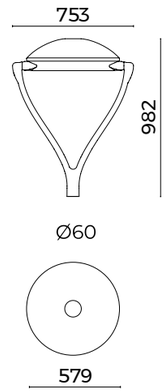


LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



Ypsilon

Lato palo / Pole side

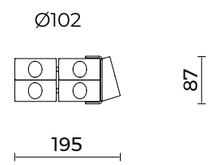


DATI TECNICI / TECHNICAL DATA

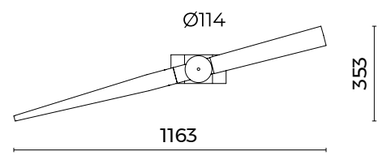
Installazione / Installation:
con accessori su pali Ø 102 - 114 mm
with accessories on poles Ø 102 - 114 mm

ACCESSORI / ACCESSORIES

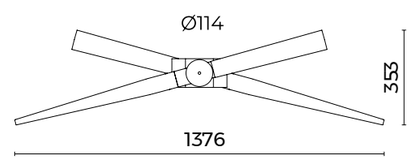
01AY901C0
L6 - Giunto per palo, braccio inclinato 15° / Coupling for poles, 15° inclined arm



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



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

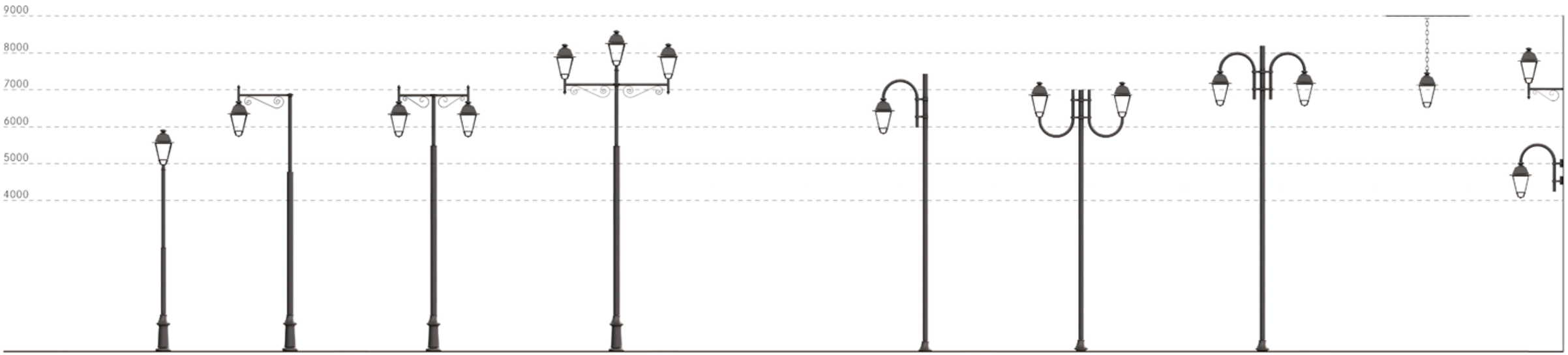


AGATHOS

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.

TRISOBBIO
Italy


9000
8000
7000
6000
5000
4000

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

CE ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1310 - 9095 lm

Potenza apparecchio / Fitting power:
13,5 - 78 W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 3000 K
- 4000 K

MATERIALI / MATERIALS

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

Schermo / Screen:
vetro piano temprato / tempered flat glass

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

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

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
8 kg

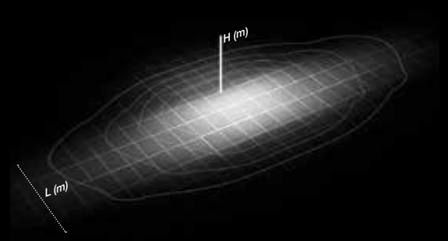
Alimentazione elettronica / Electronic power supply:
inclusa / included

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

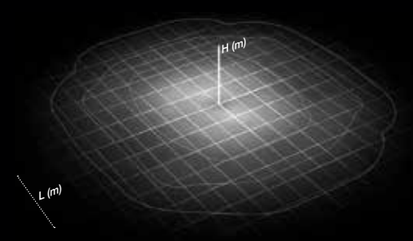
Installazione / Installation:
testa palo, lato palo, sospensione braccio, parete, sottoportico / post top, pole side, arm suspension, wall, arcade

OTTICHE / OPTICS

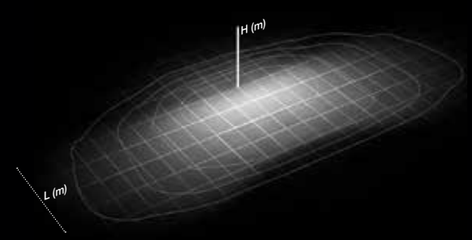
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



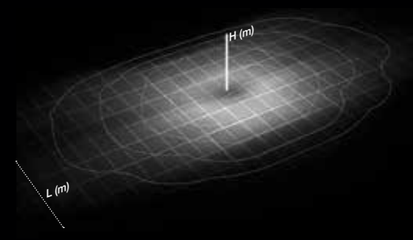
RS-01 Rotosimmetrica / Rotosymmetrical
L / H = 2



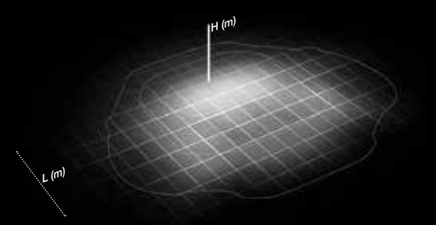
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



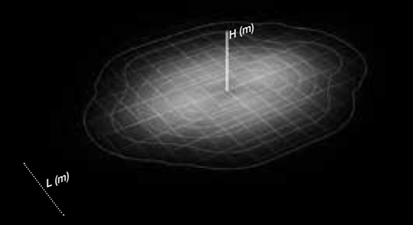
F&B ST-01 + LA-01 Asimmetrica stradale
Street asymmetrical L / H = 0,75 + 1,25



LT-06 Asimmetrica / Asymmetrical
L / H = 2



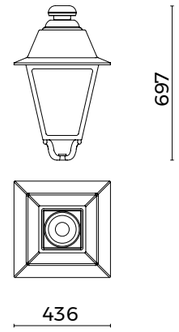
CO-01 Comfort
L / H = 1,25



Agathos

Testa palo / Post top

Cariboni Group

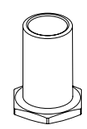


DATI TECNICI / TECHNICAL DATA

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

ACCESSORI / ACCESSORIES

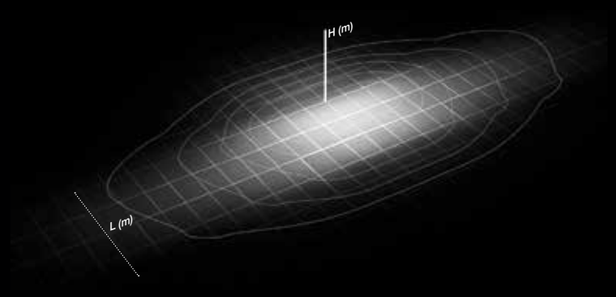
01AG900C0
Kit fissaggio per pali con attacco 3/4" GAS femmina
Fastening kit on poles with female 3/4" GAS



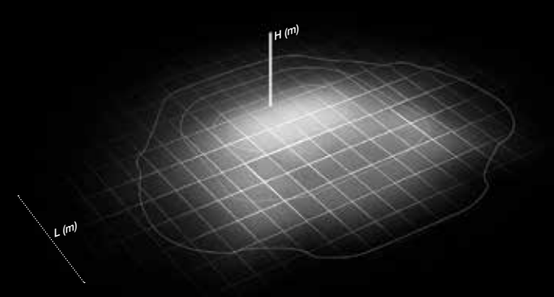
01AG901C0
Kit testa palo codolo H 90 mm
Fastening kit post top H 90 mm

OTTICHE / OPTICS

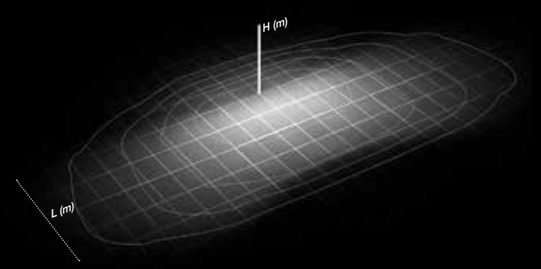
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



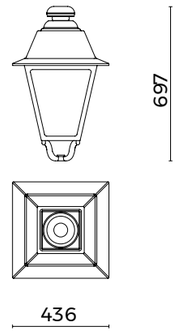
LT-06 Asimmetrica / Asymmetrical
L / H = 2



LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



Agathos
Lato palo / Pole side

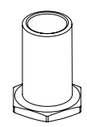


DATI TECNICI / TECHNICAL DATA

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

ACCESSORI / ACCESSORIES

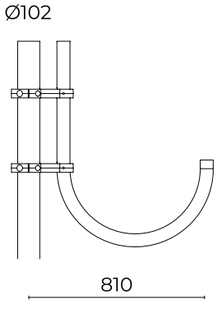
01AG900C0
Kit fissaggio per bracci UP con attacco 3/4" GAS femmina
Fastening kit on UP arms with female 3/4" GAS



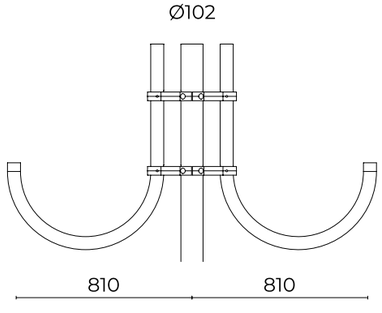
Agathos
Lato palo / Pole side

BRACCI / ARMS

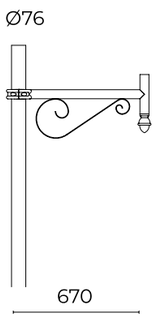
01AG910C0
B60 - Braccio pastorale UP
Curved arm UP



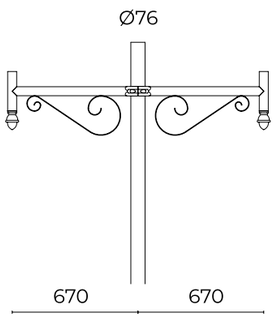
01AG911C0
B61 - Braccio pastorale doppio UP
Double curved arm UP



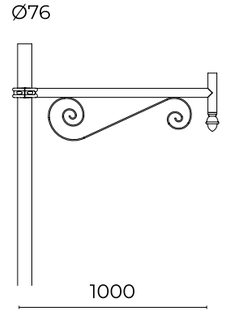
01AG914C0
B64 - Braccio UP
Arm UP



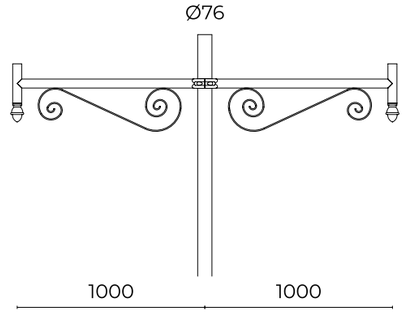
01AG918C0
B68 - Braccio doppio UP
Double arm UP



01AG915C0
B65 - Braccio UP
Arm UP

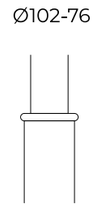


01AG919C0
B69 - Braccio doppio UP
Double arm UP

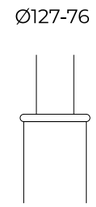


ACCESSORI / ACCESSORIES

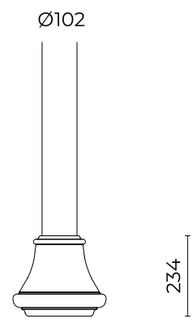
01AK970C0
Collarino per palo
Collar for pole



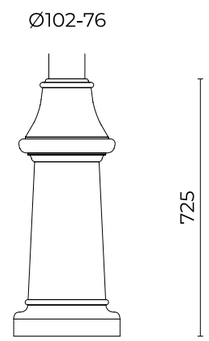
01AK971C0
Collarino per palo
Collar for pole



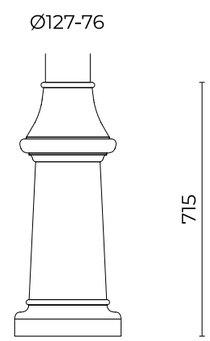
01AK972C0
Basamento basso
Low base



01AK973C0
Basamento alto
High base



01AK974C0
Basamento alto
High base



MONZA
Italy

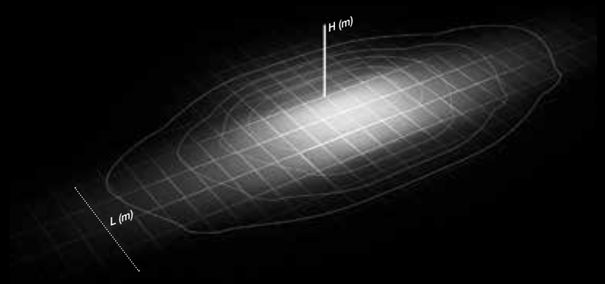
PORTO VENERE
Italy

BUSSETO
Italy

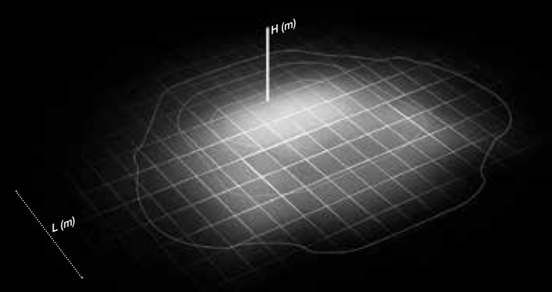
TURKU
Finland

OTTICHE / OPTICS

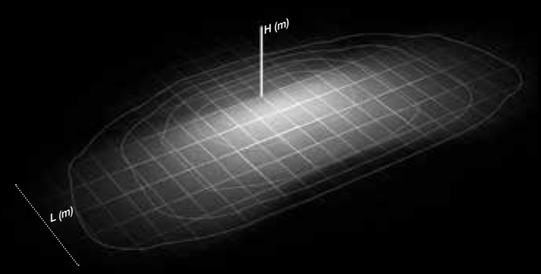
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



LT-06 Asimmetrica / Asymmetrical
L / H = 2



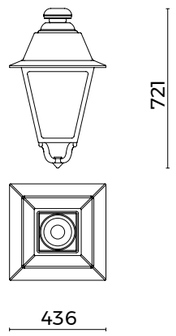
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25

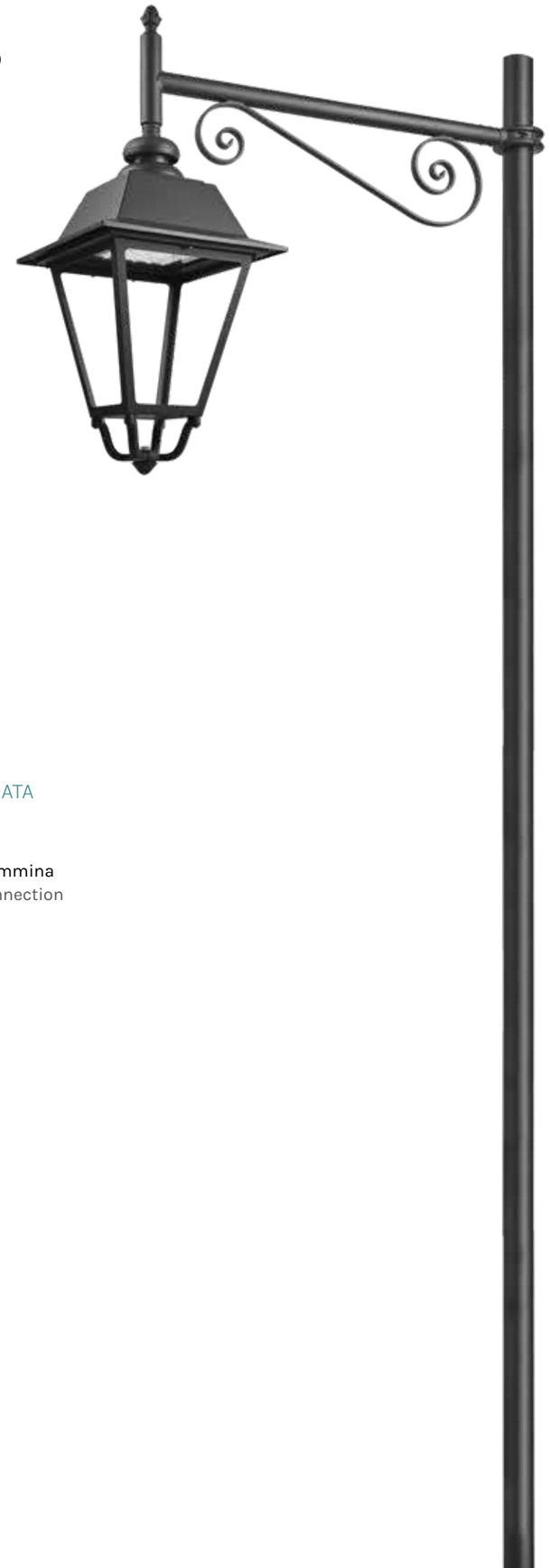


Agathos

Sospensione braccio
Arm suspension

Cariboni Group





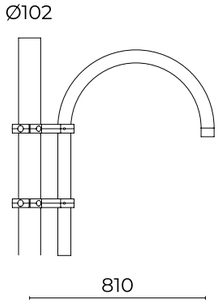
DATI TECNICI / TECHNICAL DATA

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

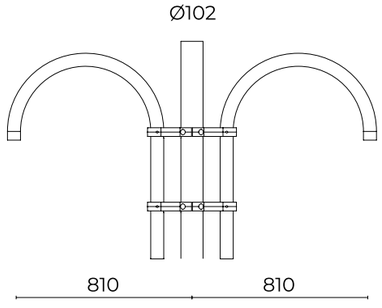
Agathos
Sospensione braccio / Arm suspension

BRACCI / ARMS

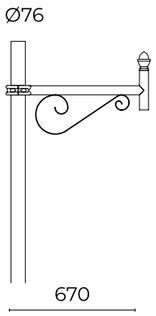
01AG910C0
B62 - Braccio pastorale DOWN
Curved arm DOWN



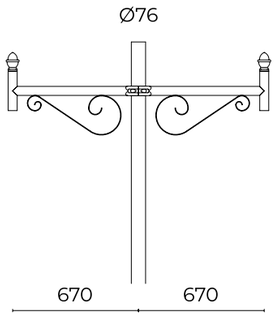
01AG911C0
B63 - Braccio pastorale doppio DOWN
Double curved arm DOWN



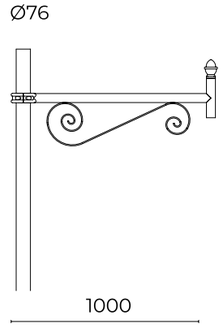
01AG914C0
B66 - Braccio DOWN
Arm DOWN



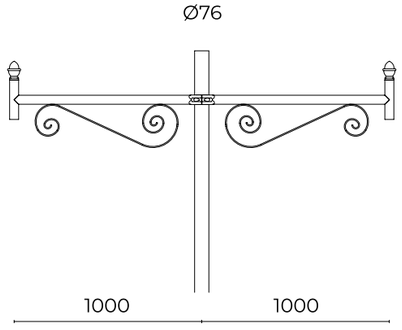
01AG918C0
B70 - Braccio doppio DOWN
Double arm DOWN



01AG915C0
B67 - Braccio DOWN
Arm DOWN

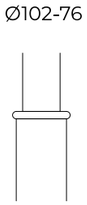


01AG919C0
B71 - Braccio doppio DOWN
Double arm DOWN

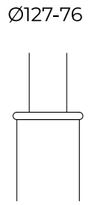


ACCESSORI / ACCESSORIES

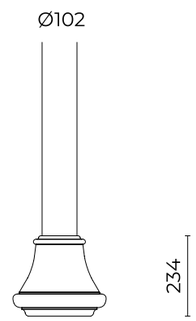
01AK970C0
Collarino per palo
Collar for pole



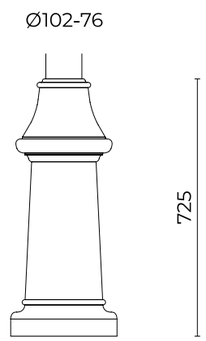
01AK971C0
Collarino per palo
Collar for pole



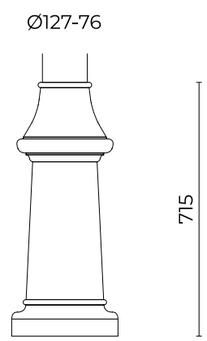
01AK972C0
Basamento basso
Low base



01AK973C0
Basamento alto
High base



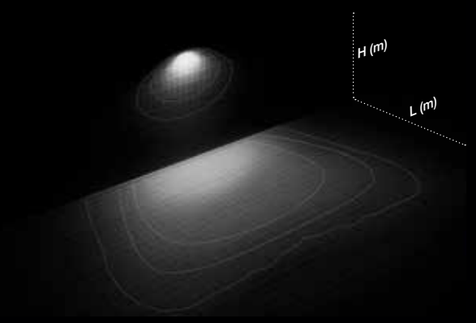
01AK974C0
Basamento alto
High base



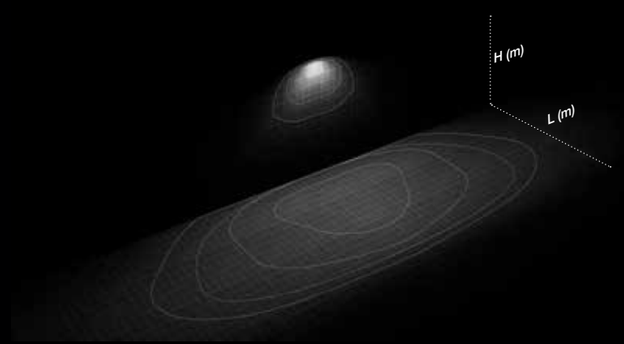
OTTICHE / OPTICS

ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75

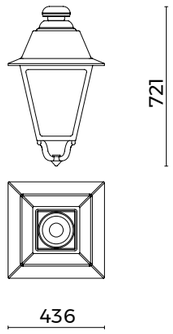
LT-06 Asimmetrica / Asymmetrical
L / H = 2



LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



Agathos
Parete / Wall

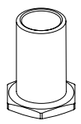


DATI TECNICI / TECHNICAL DATA

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

ACCESSORI / ACCESSORIES

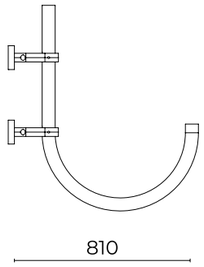
01AG900C0
Kit fissaggio per bracci UP con attacco 3/4” GAS femmina
Fastening kit on UP arms with female 3/4” GAS



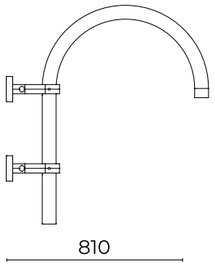
Agathos
Parete / Wall

BRACCI / ARMS

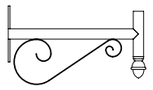
01AG922C0
B60-P - Braccio pastorale UP
Bracket UP



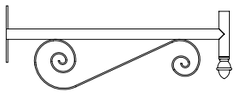
01AG923C0
B62-P - Braccio pastorale DOWN
Bracket DOWN



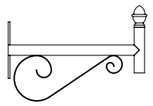
01AG924C0
B64-P - Braccio UP
Bracket UP



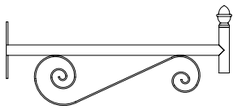
01AG925C0
B65-P - Braccio UP
Bracket UP



01AG926C0
B66-P - Braccio DOWN
Bracket DOWN

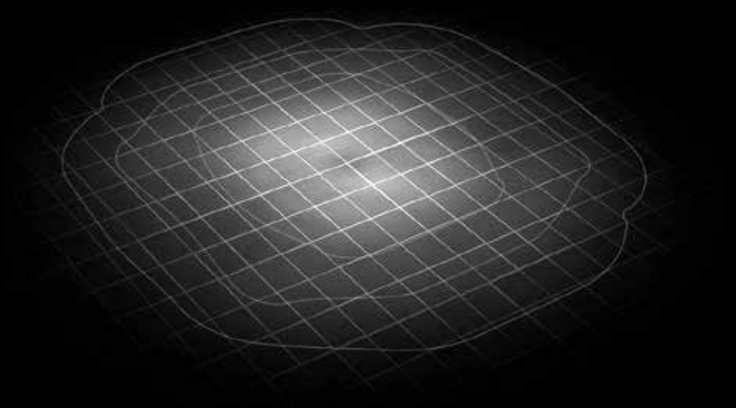


01AG927C0
B67-P - Braccio DOWN
Bracket DOWN

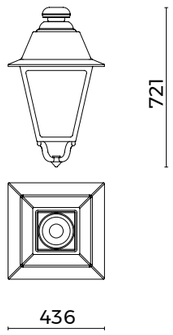


OTTICHE / OPTICS

RS-01 Rotosimmetrica / Rotosymmetrical

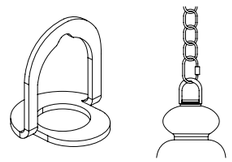


Agathos
Sottoportico / Arcade



ACCESSORI / ACCESSORIES

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



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.

220 240V | 50 60Hz | CL II | IP66 | IK09 | IK10 (POST TOP) | ta -30°C +50°C

CE ROHS

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1795 - 13440 lm

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

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

Illuminazione intelligente / Smart lighting:
mezzanotte virtuale. DALI, CLO su richiesta
virtual midnight. DALI, CLO on request

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

MATERIALI / MATERIALS

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

Schermo / Screen:
vetro piano temprato / tempered flat glass

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

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

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

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

Alimentazione elettronica / Electronic power supply:
inclusa / included

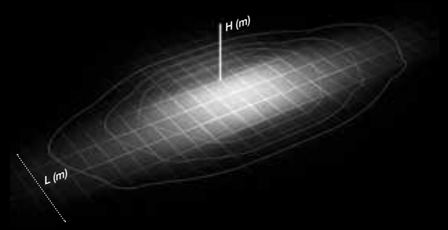
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

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

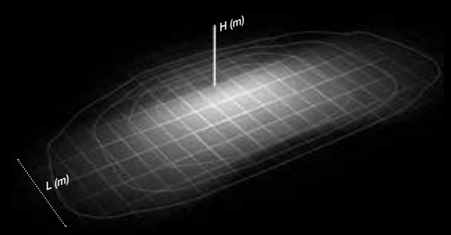
Installazione / Installation:
lato palo / pole side

OTTICHE / OPTICS

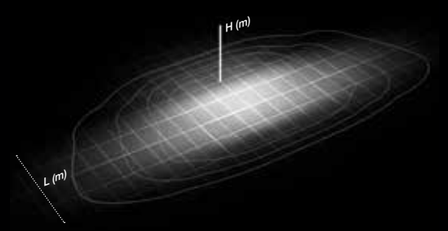
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



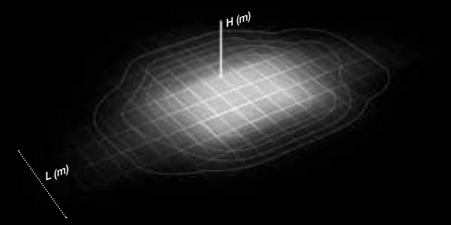
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1

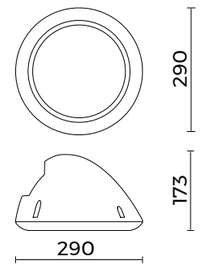


LT-06 Asimmetrica / Asymmetrical
L / H = 2

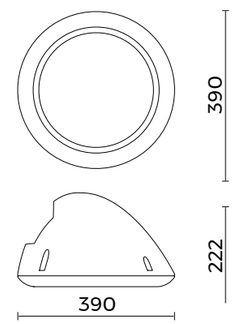


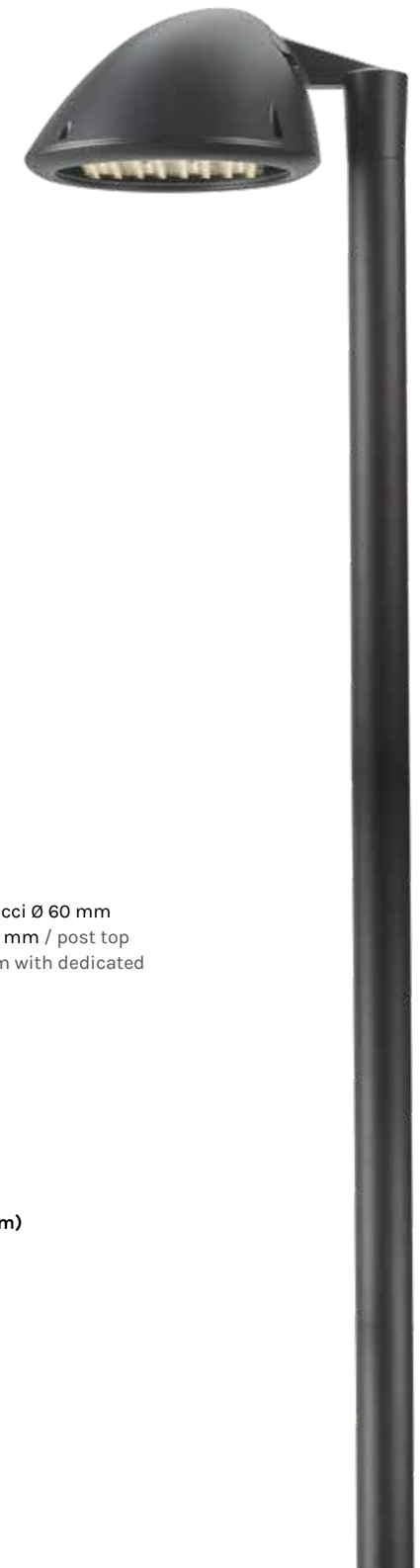
Sigma Street

SMALL



MEDIUM





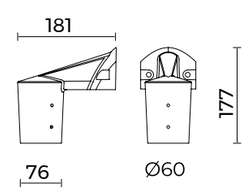
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
testa palo con accessorio 06SG905C0, su bracci Ø 60 mm con appositi accessori per pali Ø 60 - 76 - 102 mm / post top with accessory 06SG905C0, on arms Ø 60 mm with dedicated accessories for poles Ø 60 - 76 - 102 mm

Inclinazione / inclination:
lato palo, parete, terra -90° ÷ +45°
pole side, wall, ground -90° ÷ +45°

ACCESSORI / ACCESSORIES

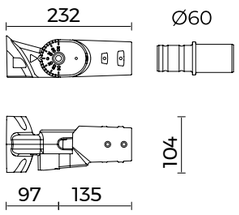
06SG905C0
B178 - Kit testa palo (Sigma small e medium)
Kit post top (Sigma small e medium)



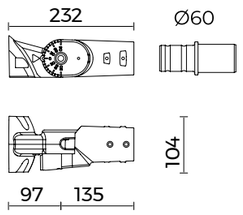
Sigma Street

ACCESSORI E BRACCI / ACCESSORIES AND ARMS

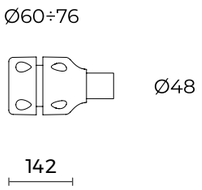
06SG906C0
B179 - Kit lato palo small regolabile
Adjustable kit pole side small



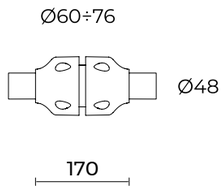
06SG907C0
B180 - Kit lato palo medium regolabile
Adjustable kit pole side medium



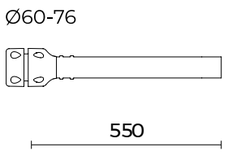
01AK903C0
L3 - Kit giunto per pali
Joint kit for poles



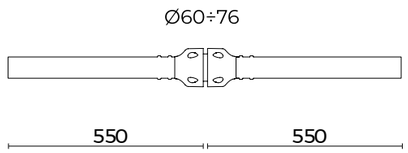
01AK904C0
L4 - Kit giunto doppio per pali
Double joint kit for poles



01AK921C0
B1 - Braccio per pali
Arm for poles

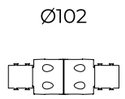


01AK922C0
B2 - Braccio doppio per pali
Double arm for poles

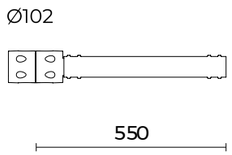


06AK916C0
B139 - Anello per pali
Ring for poles

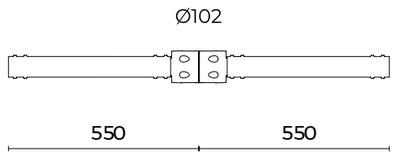
06AK917C0
B140 - Anello doppio per pali
Double ring for poles



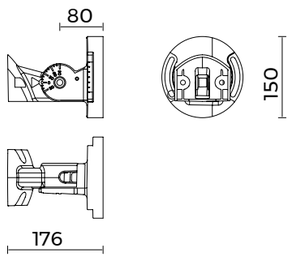
06AK907C0
B155 - Braccio per pali
Arm for poles



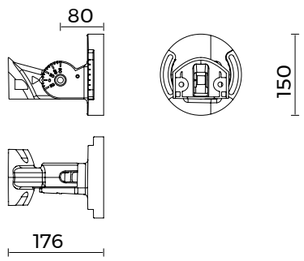
06AK909C0
B157 - Braccio doppio per pali
Double arm for poles



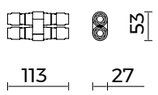
06SG908C0
B181 - Giunto regolabile parete o terra small / Adjustable joint for wall or ground small



06SG909C0
B182 - Giunto regolabile parete o terra medium / Adjustable joint for wall or ground medium



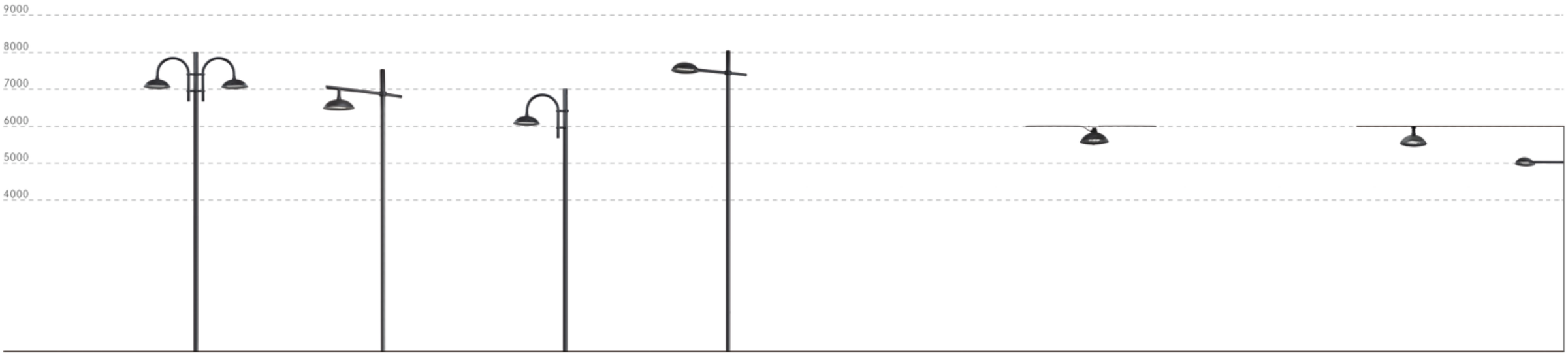
06KS909C0
B89 - Connettore 4 vie IP68
Connector 4 way IP68



VOLTA

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

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


9000
8000
7000
6000
5000
4000

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

CE ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1555 - 20630 lm

Potenza apparecchio / Fitting power:
13,5 - 154 W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 3000 K
- 4000 K

MATERIALI / MATERIALS

Corpo e 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

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

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

Alimentazione elettronica / Electronic power supply:
inclusa / included

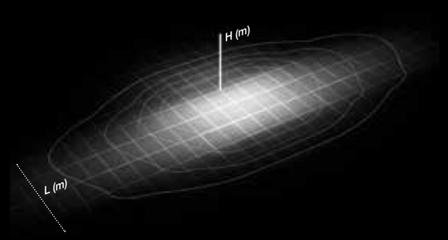
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

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

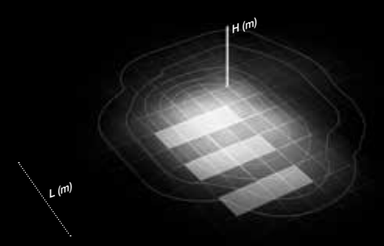
Installazione / Installation:
lato palo, sospensione braccio, sospensione tesata, parete, sottoportico / pole side, arm suspension, string suspension, wall, arcade

OTTICHE / OPTICS

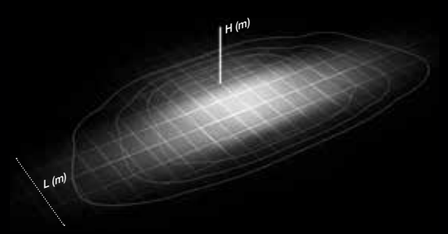
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



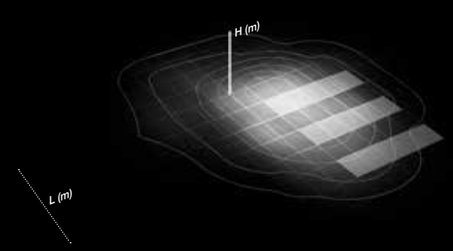
AP-01 DX - Attraversamenti pedonali
Pedestrian crossing



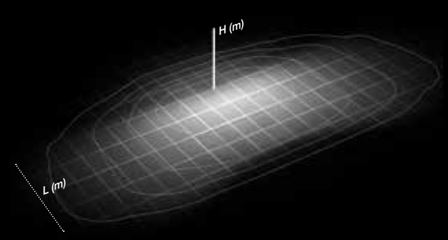
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



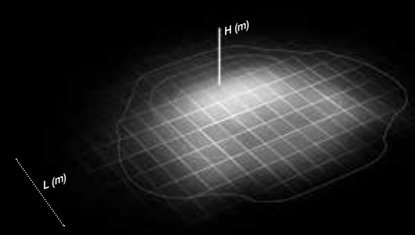
AP-01 SX - Attraversamenti pedonali
Pedestrian crossing



LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25

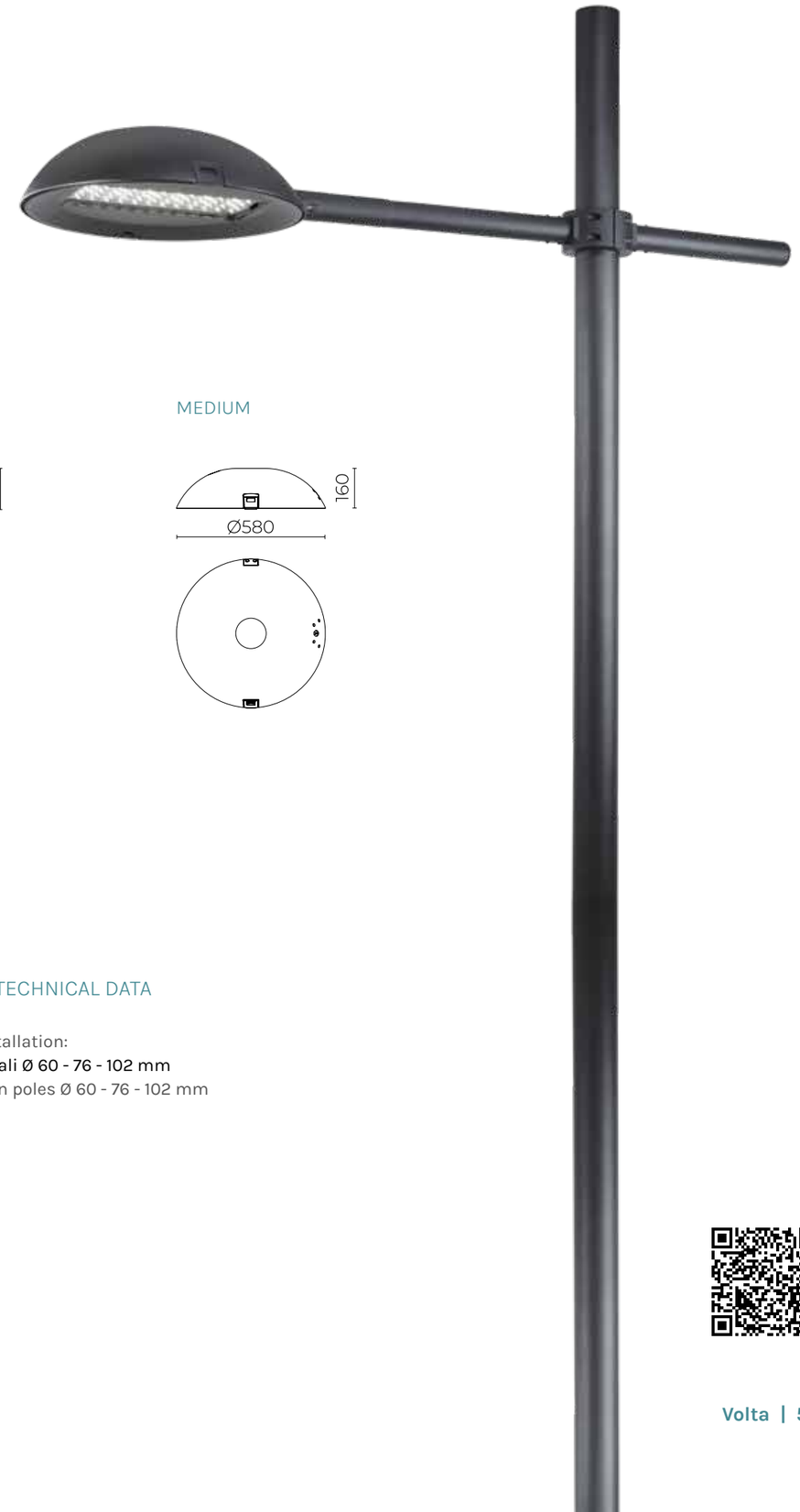


LT-06 Asimmetrica / Asymmetrical
L / H = 2

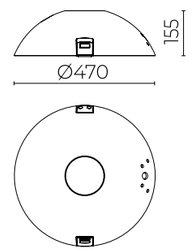


Volta

Lato palo / Pole side



SMALL



MEDIUM

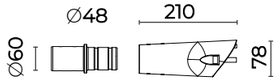
DATI TECNICI / TECHNICAL DATA

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

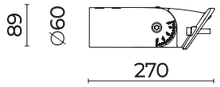
Volta
Lato palo / Pole side

ACCESSORI E BRACCI / ACCESSORIES AND ARMS

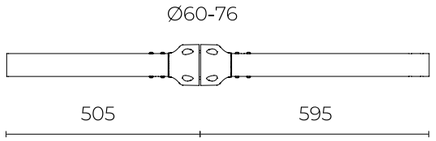
01VO901C0
L17 - Kit laterale fisso per braccio
Fixed side kit for arm



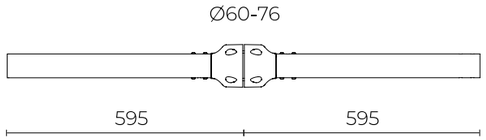
01VO902C0
L16 - Kit laterale regolabile per palo o braccio
Adjustable side kit for pole or arm



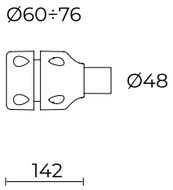
01AK984C0
B208 - Braccio per pali
Arm for poles



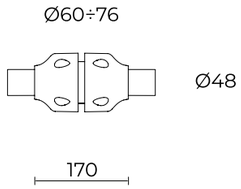
01AK985C0
B209 - Braccio doppio per pali
Double arm for poles



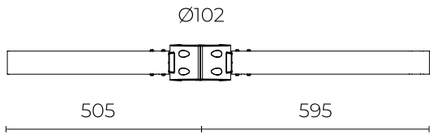
01VO904C0
B204 - Kit giunto per palo
Joint kit for pole



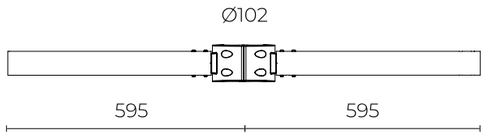
01VO905C0
B205 - Kit giunto doppio per palo
Double joint kit for pole



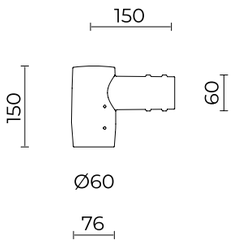
01AK986C0
B210 - Braccio per pali
Arm for poles



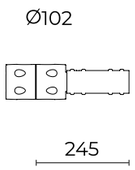
01AK987C0
B211 - Braccio doppio per pali
Double arm for poles



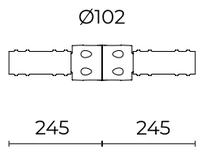
06AK905C0
B153 - Giunto testa palo H 90 mm
Joint post top H 90 mm



06AK906C0
B154 - Braccio per palo
Arm for pole

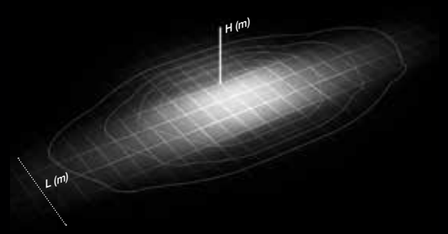


06AK908C0
B156 - Braccio doppio per palo
Double arm for pole

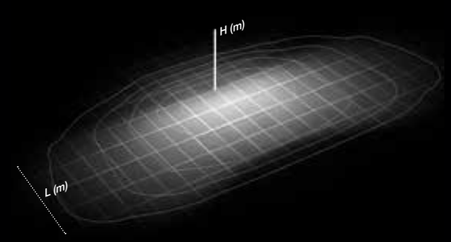


OTTICHE / OPTICS

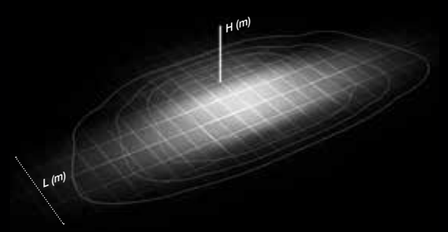
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



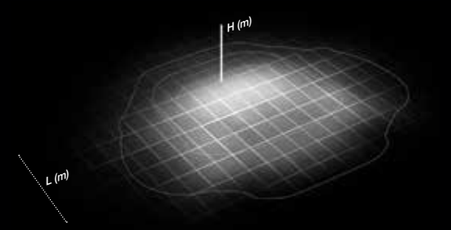
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



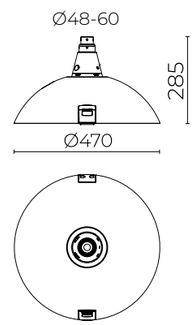
LT-06 Asimmetrica / Asymmetrical
L / H = 2



Volta

Sospensione braccio / Arm suspension

SMALL



MEDIUM

DATI TECNICI / TECHNICAL DATA

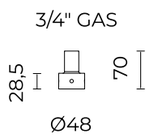
Installazione / Installation:
con accessori, su pali Ø 60 - 76 - 102 mm
with accessories, on poles Ø 60 - 76 - 102 mm

Volta
Sospensione braccio / Arm suspension

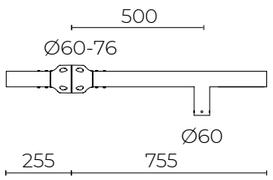
ACCESSORI E BRACCI / ACCESSORIES AND ARMS

01AK907C0
L16 - Kit sospensione maschio 1” 1/2 GAS
Male suspension kit 1” 1/2 GAS

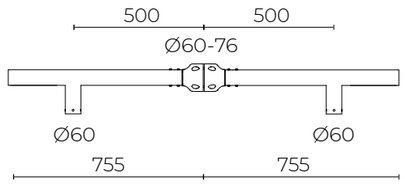
01AK914C0
L17 - Kit sospensione maschio 3/4” GAS
Male suspension kit 3/4” GAS



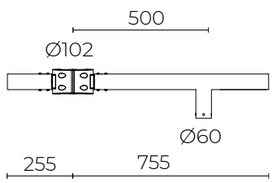
01AK988C0
B212 - Braccio per pali
Arm for poles



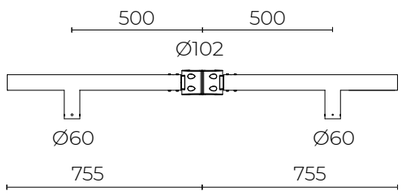
01AK989C0
B213 - Braccio doppio per pali
Double arm for poles



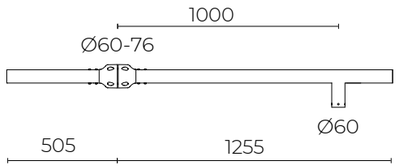
01AK990C0
B214 - Braccio per pali
Arm for poles



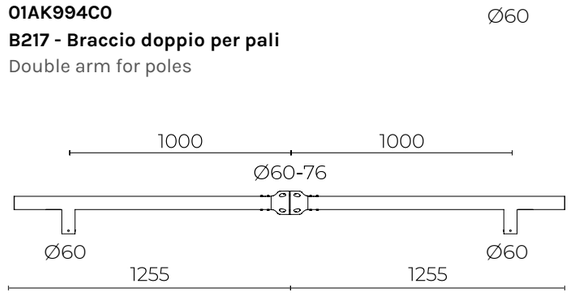
01AK991C0
B215 - Braccio doppio per pali
Double arm for poles



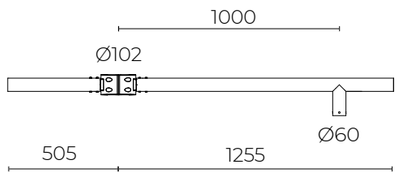
01AK992C0
B216 - Braccio per pali
Arm for poles



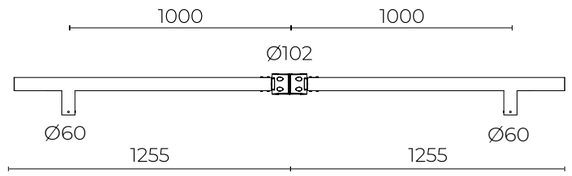
01AK994C0
B217 - Braccio doppio per pali
Double arm for poles



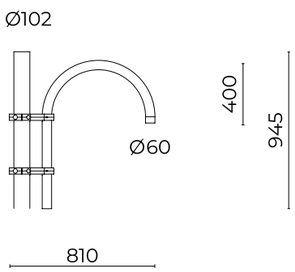
01AK995C0
B218 - Braccio per pali
Arm for poles



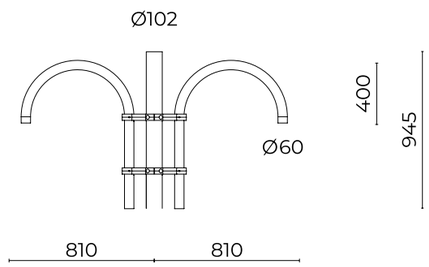
01AK996C0
B219 - Braccio doppio per pali
Double arm for poles



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

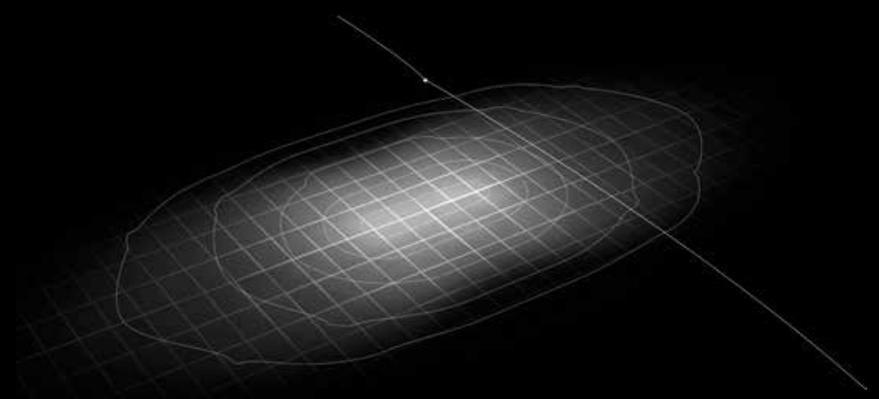


01AK936C0
B16 - Braccio pastorale doppio per pali
Double curved arm for poles



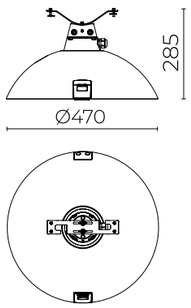
OTTICHE / OPTICS

SO-01 Simmetrica stradale / Street symmetrical

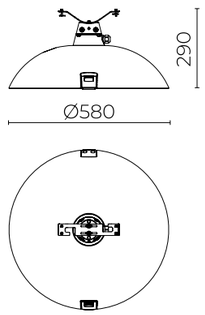


Volta
Sospensione tesata
String suspension

SMALL



MEDIUM



DATI TECNICI / TECHNICAL DATA

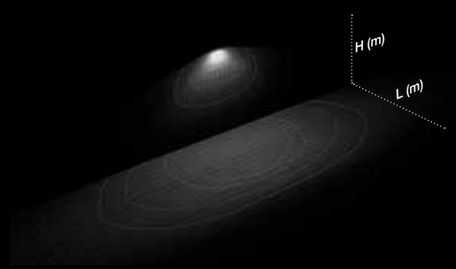
Installazione / Installation:
sospensione tesata per fune Ø 6 ÷ 12 mm. Su richiesta versione entra-esci
suspension for string Ø 6 ÷ 12 mm. On request in-out version

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

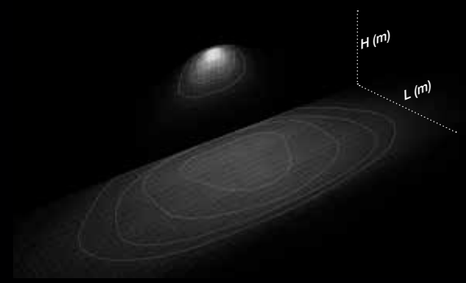
Orientabilità / Adjustability:
0° ÷ 360°

OTTICHE / OPTICS

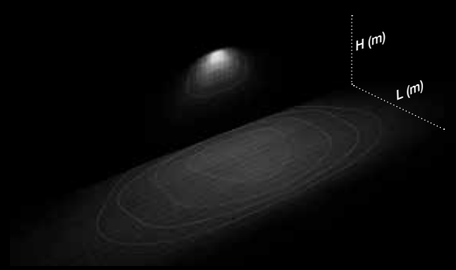
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



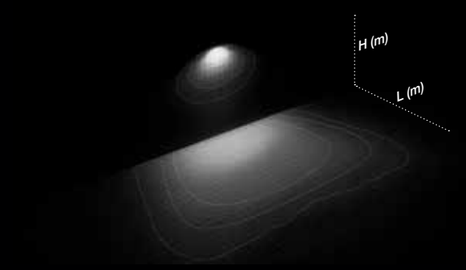
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1

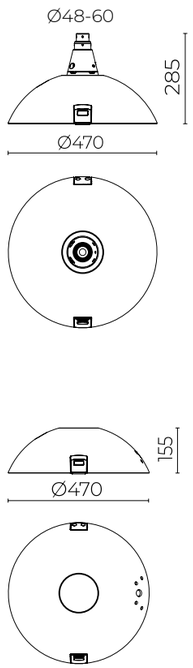


LT-06 Asimmetrica / Asymmetrical
L / H = 2

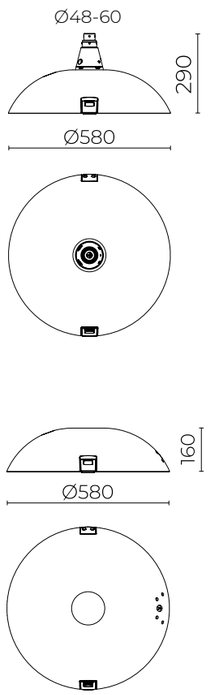


Volta
Parete / Wall

SMALL



MEDIUM



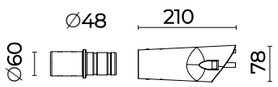
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
parete / wall-mounted

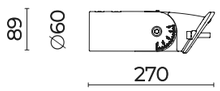
Volta
Parete / Wall

ACCESSORI E BRACCI / ACCESSORIES AND ARMS

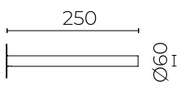
01VO901C0
L17 - Kit laterale fisso per braccio
Fixed side kit for arm



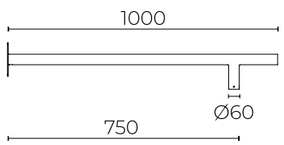
01VO902C0
L16 - Kit laterale regolabile per palo o braccio
Adjustable side kit for pole or arm



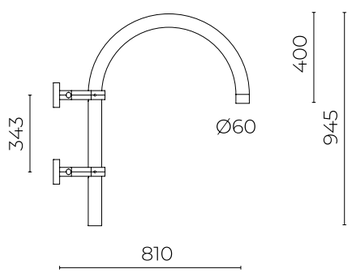
01AK982C0
B206-P - Braccio a parete laterale
Side wall-mounting arm



01AK983C0
B207-P - Braccio a parete sospensione
Suspension wall-mounting arm

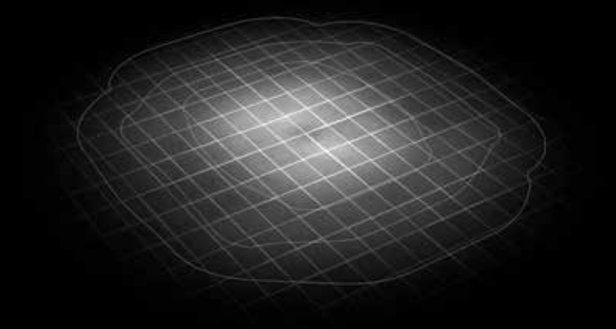


01AK950C0
B15-P - Braccio pastorale a parete
Curved arm for wall

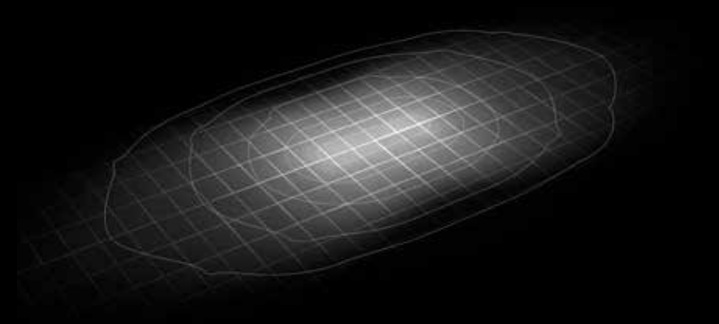


OTTICHE / OPTICS

RS-01 Rotosimmetrica / Rotosymmetrical

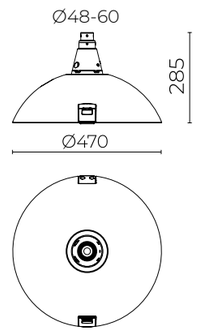


SO-01 Simmetrica stradale / Street symmetrical

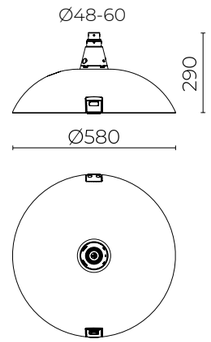


Volta
Sottoportico / Arcade

SMALL



MEDIUM

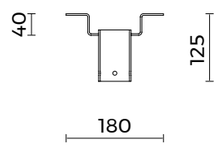


DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
sottoportico /arcade

ACCESSORI / ACCESSORIES

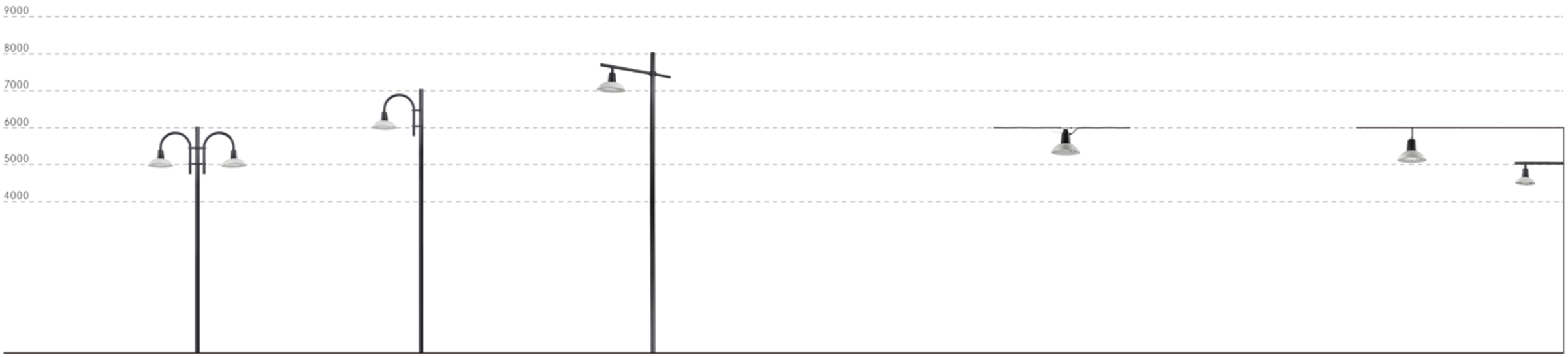
01KA915C0
B53 - Kit sospensione sottoportico
Arcade suspension kit



THEMELIO

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

A wide range of optical and suspension fastening solutions makes THEMELIO ideal for lighting urban spaces and pathways in any city.


9000
8000
7000
6000
5000
4000

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

ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1555 - 20630 lm

Potenza apparecchio / Fitting power:
13,5 - 154 W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 3000 K
- 4000 K

MATERIALI / MATERIALS

Corpo e 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 *
- RAL9003 **

* Sistema a sospensione / Suspension system
** Corpo / Body

CARATTERISTICHE / FEATURES

Configurazione / Configuration:
il prodotto si compone di corpo e sistema a sospensione, da ordinare separatamente / product composed of body and suspension system, to be ordered separately

Peso massimo / Max weight:
8,8 kg (small), 14,3 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa / included

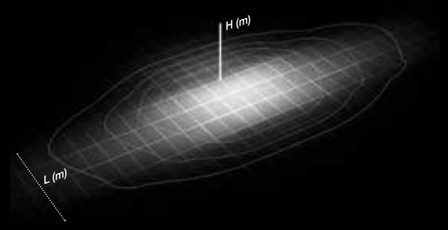
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

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

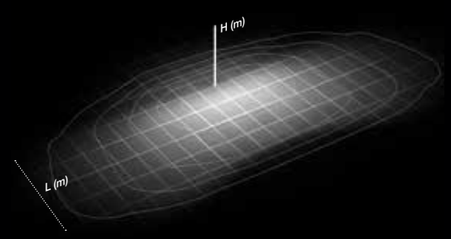
Installazione / Installation:
sospensione braccio, sospensione tesata, parete, sottoportico / arm suspension, string suspension, wall, arcade

OTTICHE / OPTICS

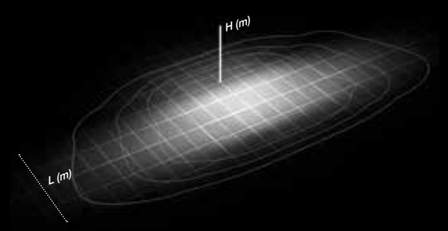
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



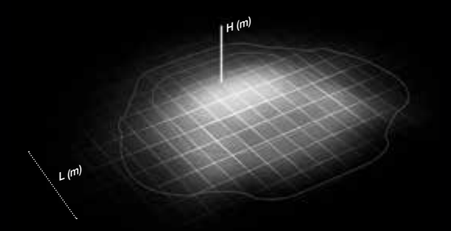
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



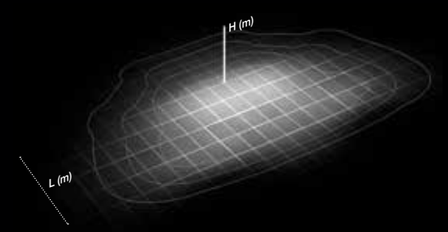
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



LT-06 Asimmetrica / Asymmetrical
L / H = 2



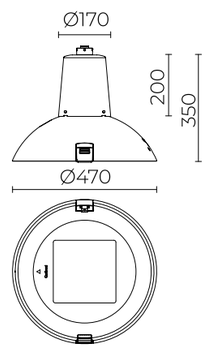
MB-01 Manto bagnato / Wet surface
L / H = 2



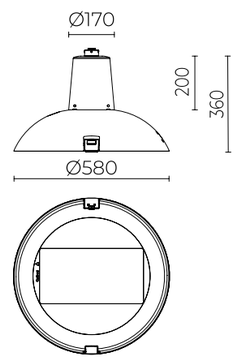
Themelio

Sospensione braccio / Arm suspension

SMALL



MEDIUM



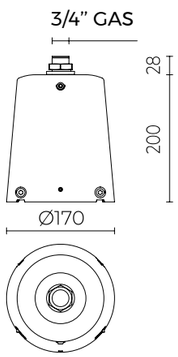
DATI TECNICI / TECHNICAL DATA

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

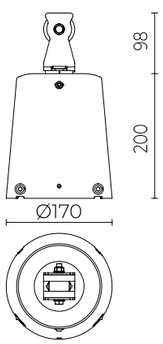
Themelio
Sospensione braccio / Arm suspension

ACCESSORI E BRACCI / ACCESSORIES AND ARMS

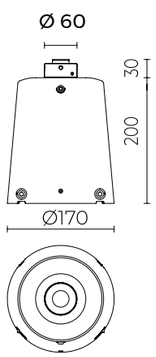
01TH900C0
Sospensione 3/4" GAS
3/4" GAS suspension



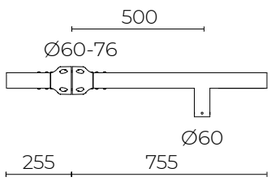
01TH903C0
Sospensione carrucola
Pulley suspension



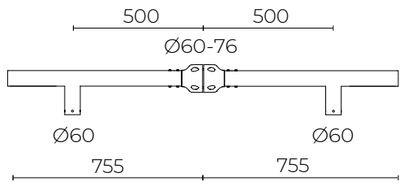
01TH904C0
Sospensione per bracci
Suspension for arms



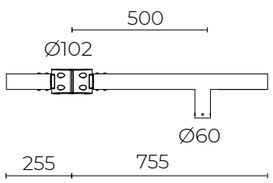
01AK988C0
B212 - Braccio per pali
Arm for poles



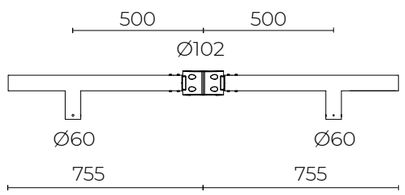
01AK989C0
B213 - Braccio doppio per pali
Double arm for poles



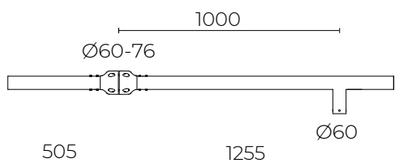
01AK990C0
B214 - Braccio per pali
Arm for poles



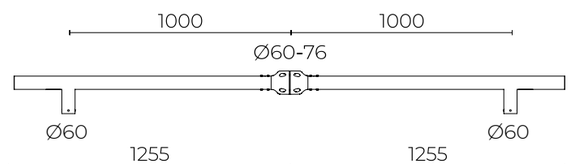
01AK991C0
B215 - Braccio doppio per pali
Double arm for poles



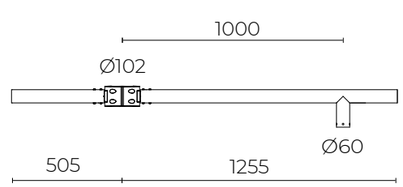
01AK992C0
B216 - Braccio per pali
Arm for poles



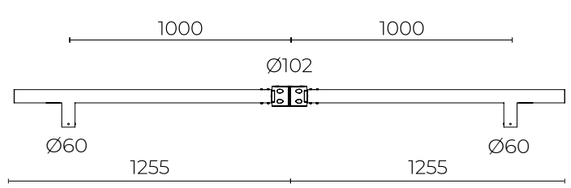
01AK994C0
B217 - Braccio doppio per pali
Double arm for poles



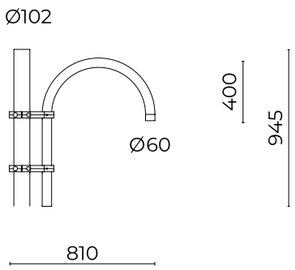
01AK995C0
B218 - Braccio per pali
Arm for poles



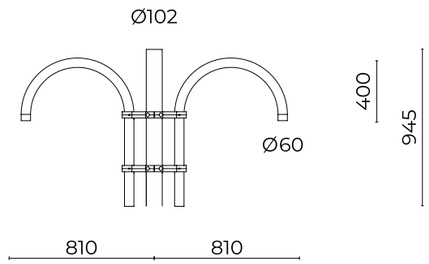
01AK996C0
B219 - Braccio doppio per pali
Double arm for poles



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

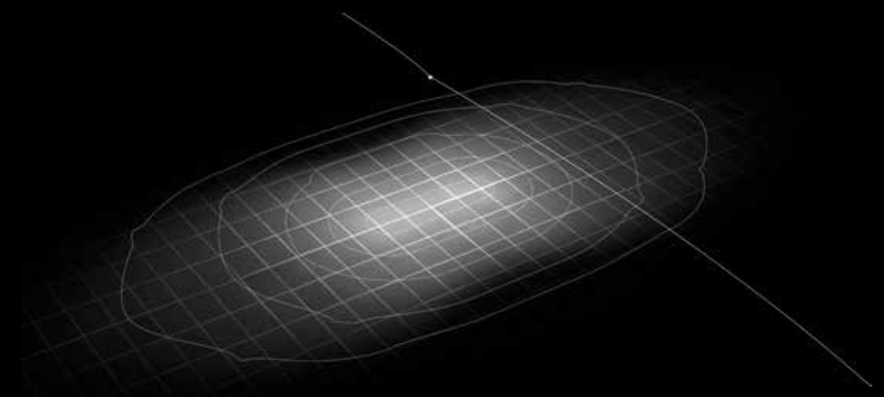


01AK936C0
B16 - Braccio pastorale doppio per pali
Double curved arm for poles



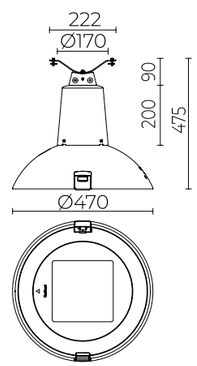
OTTICHE / OPTICS

SO-01 Simmetrica stradale / Street symmetrical

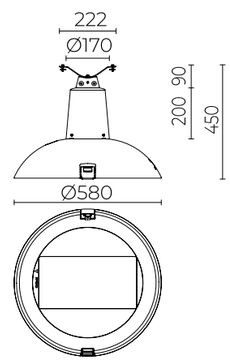


Themelio
Sospensione tesata
String suspension

SMALL



MEDIUM



DATI TECNICI / TECHNICAL DATA

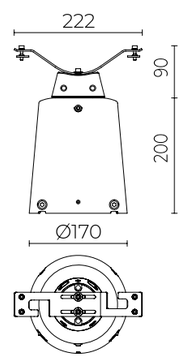
Installazione / Installation:
sospensione tesata /suspension for string

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

Orientabilità / Adjustability:
0° ÷ 360°

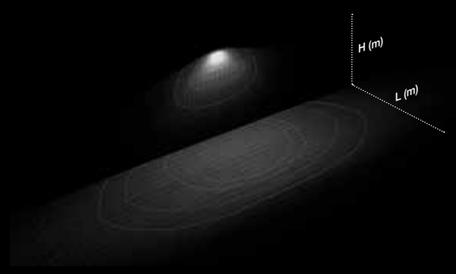
ACCESSORI / ACCESSORIES

01TH901C0
Sospensione tesata per fune Ø 6 ÷ 12 mm
Suspension for string Ø 6 ÷ 12 mm

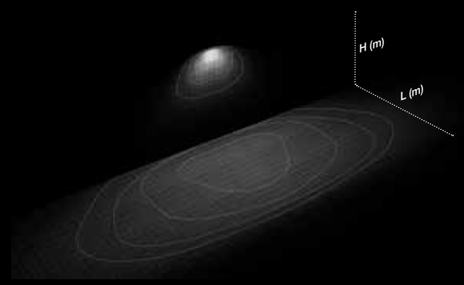


OTTICHE / OPTICS

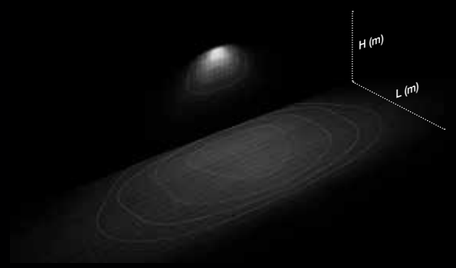
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



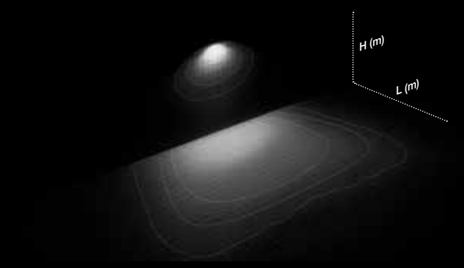
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1

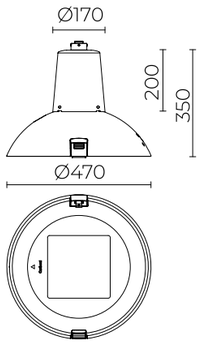


LT-06 Asimmetrica / Asymmetrical
L / H = 2

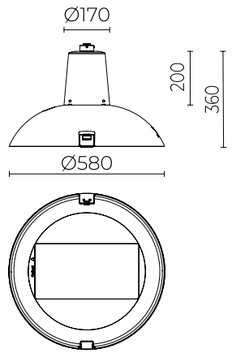


Themelio
Parete / Wall

SMALL



MEDIUM



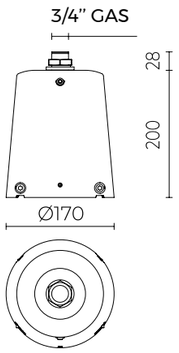
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
parete / wall-mounted

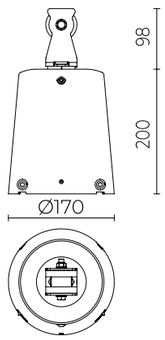
Themelio
Parete / Wall

ACCESSORI E BRACCI / ACCESSORIES AND ARMS

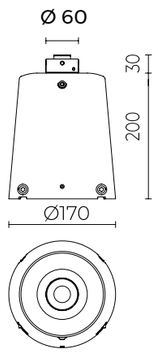
01TH900C0
Sospensione 3/4" GAS
3/4" GAS suspension



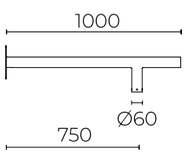
01TH903C0
Sospensione carrucola
Pulley suspension



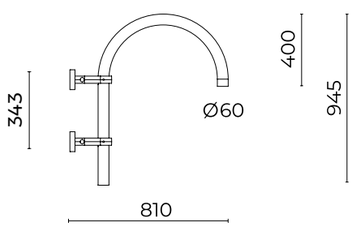
01TH904C0
Sospensione per bracci
Suspension for arms



01AK983C0
B207-P - Kit attacco a parete sospensione
Suspension wall-mounting kit

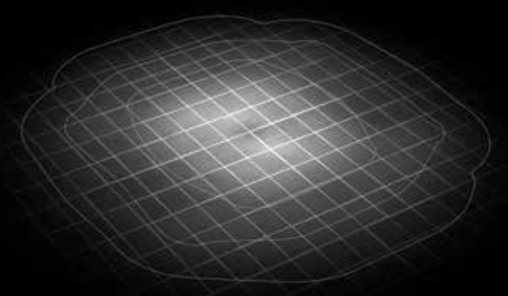


01AK950C0
B1-P - Braccio pastorale a parete
Curved arm for wall

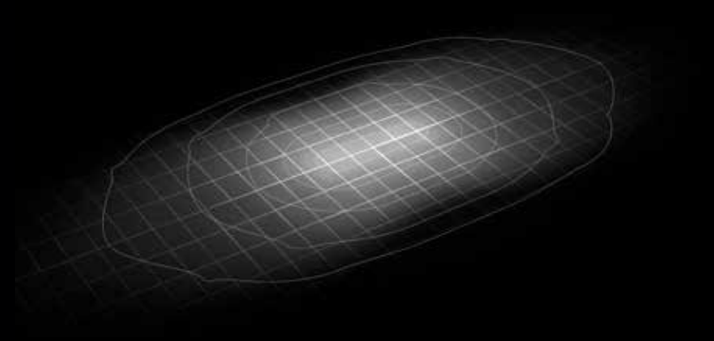


OTTICHE / OPTICS

RS-01 Rotosimmetrica / Rotosymmetrical

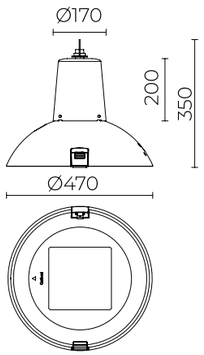


SO-01 Simmetrica stradale / Street symmetrical

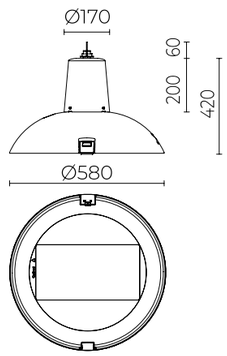


Themelio
Soffitto / Ceiling

SMALL



MEDIUM

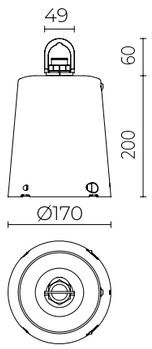


DATI TECNICI / TECHNICAL DATA

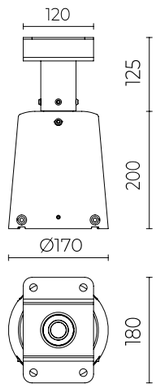
Installazione / Installation:
sottoportico /arcade

ACCESSORI / ACCESSORIES

01TH902C0
Sospensione per catena (non inclusa)
Suspension for chain (not included)



01TH905C0
Sospensione sottoportico
Arcade suspension



NODEA

NODEA è una lanterna urbana moderna, disegnata dall’architetto e lighting designer François Migeon per l’illuminazione di percorsi e spazi urbani.

NODEA is a modern urban lantern, designed by the architect and lighting designer François Migeon for lighting urban pathways and spaces.

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

CE ROHS NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1875 - 3585 lm

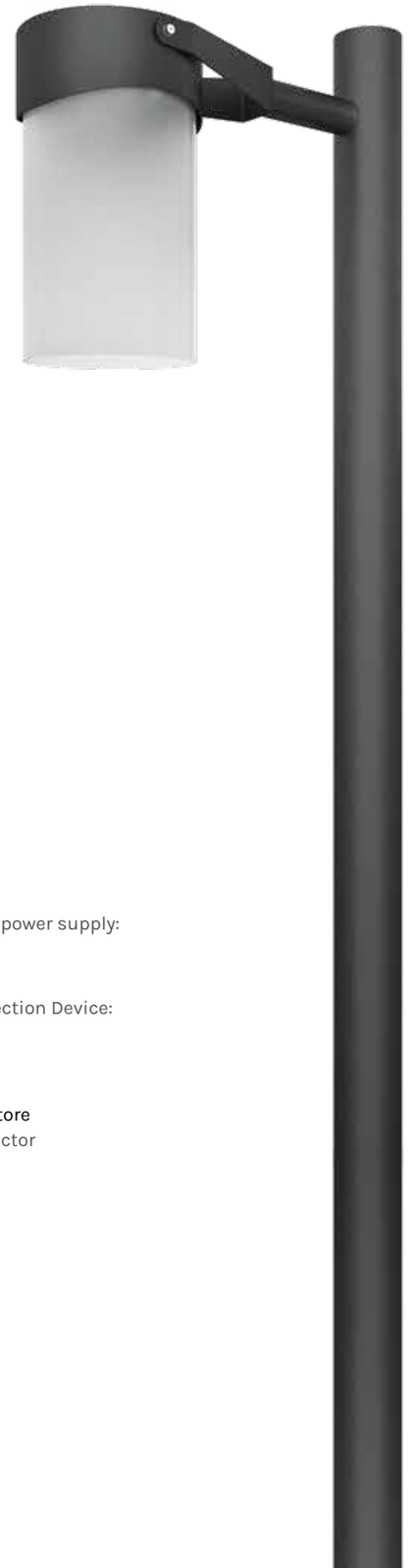
Potenza apparecchio / Fitting power:
13,5 - 27 W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K



MATERIALI / MATERIALS

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

Schermo / Screen:
vetro piano temprato / tempered flat glass

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

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

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
4,5 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

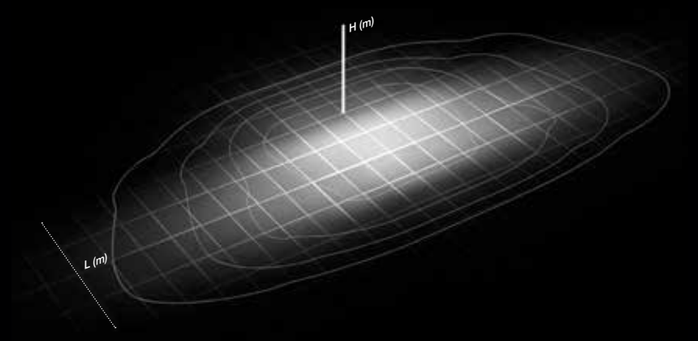
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

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

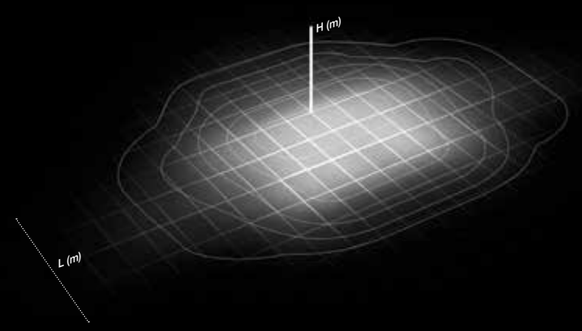
Installazione / Installation:
lato palo / pole side

OTTICHE / OPTICS

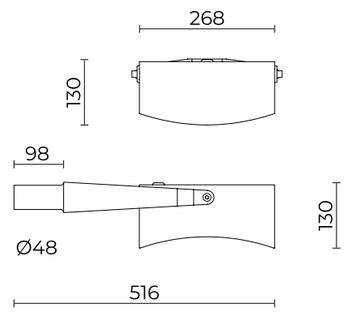
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



LT-05 Asimmetrica / Asymmetrical
L / H = 1,5



Nodea
Lato palo / Pole side



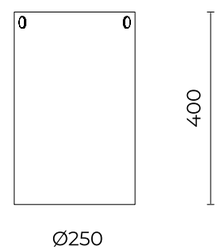
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
braccio Ø 48 mm / arm Ø 48 mm

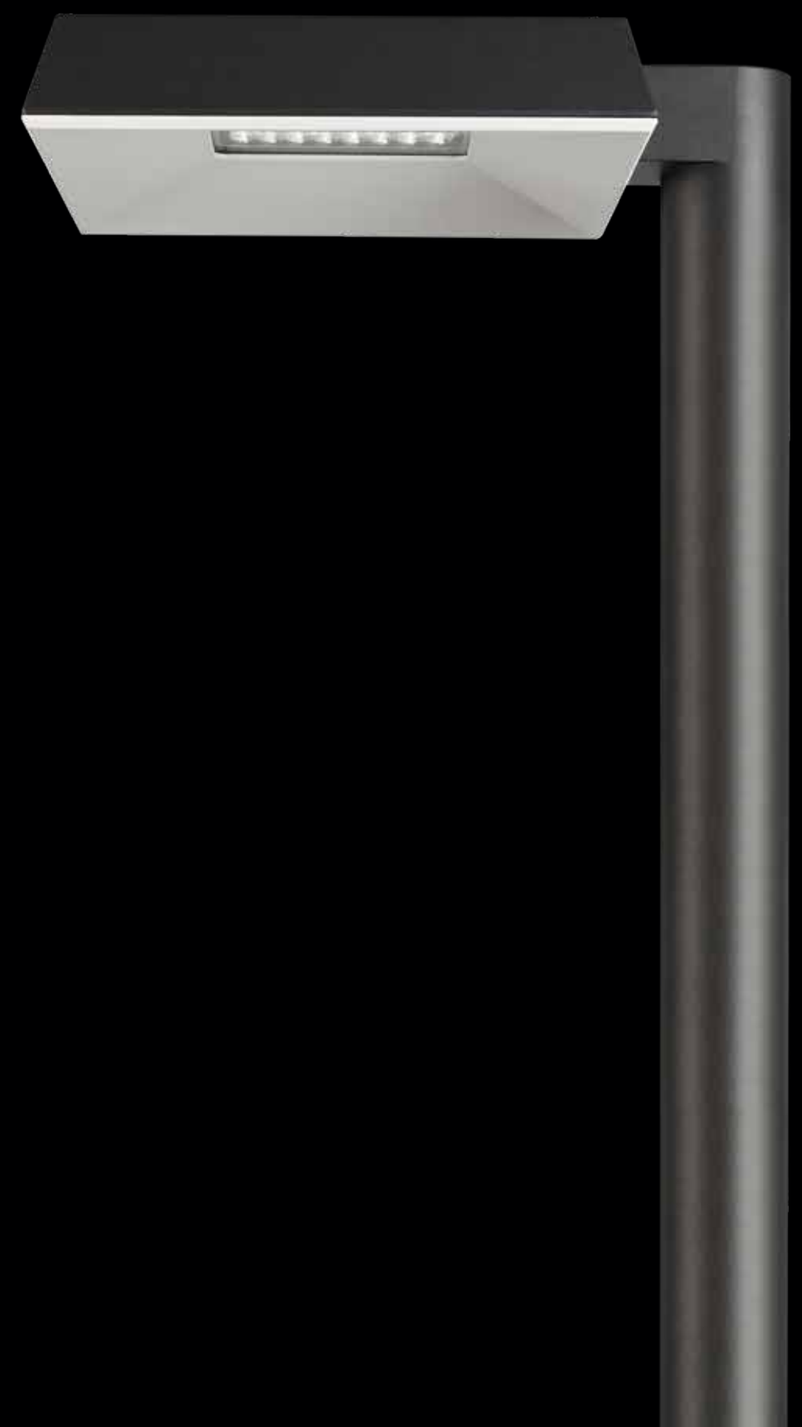
Inclinazione / Inclination:
regolazione continua /continuous adjustment

ACCESSORI / ACCESSORIES

06ND901Y0
Diffusore policarbonato trasparente
Transparent polycarbonate diffuser

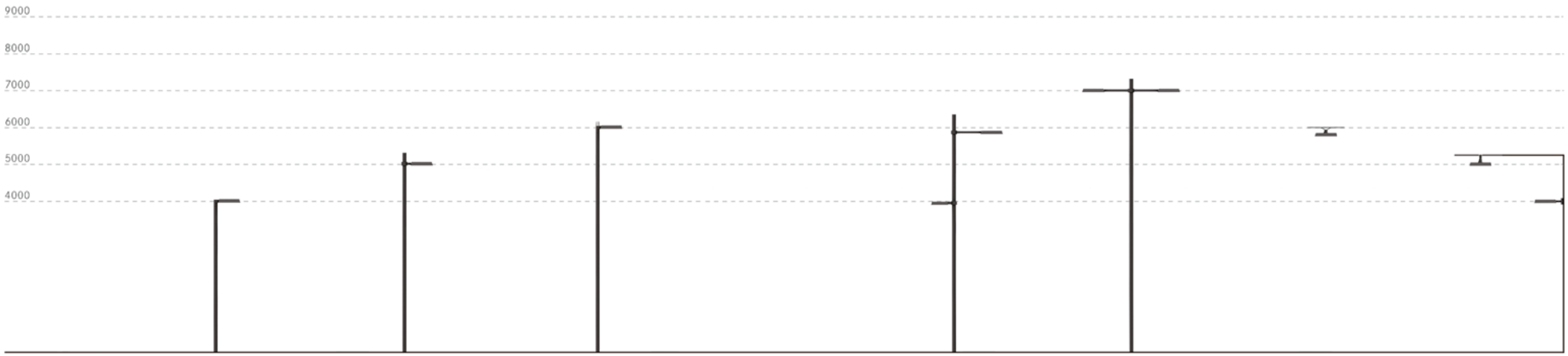


ORAO



ORAO è stato pensato per il benessere degli abitanti degli spazi urbani. Geometrie e finiture migliorano il comfort visivo garantendo le performance fotometriche del sistema ottico.

ORAO was designed for the well-being of inhabitants in urban areas. Its shapes and finishes enhance visual comfort without compromising the photometric performance of the optical system.


9000
8000
7000
6000
5000
4000

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

ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1795 - 13440 lm

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

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

MATERIALI / MATERIALS

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

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:
12 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

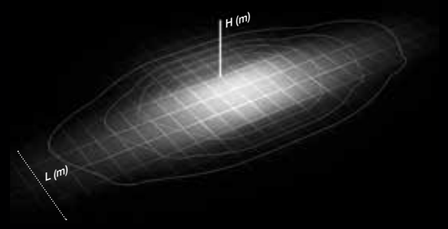
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

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

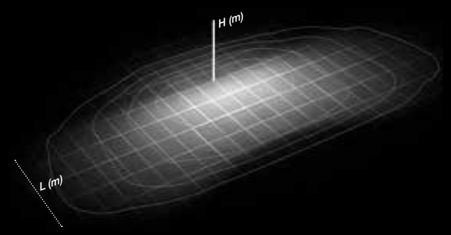
Installazione / Installation:
lato palo, sospensione tesata, parete, sottoportico
pole side, string suspension, wall, arcade

OTTICHE / OPTICS

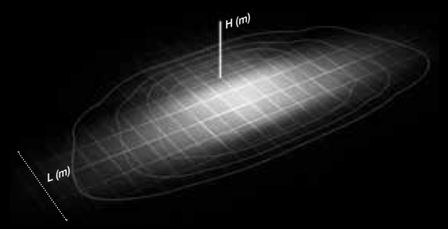
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



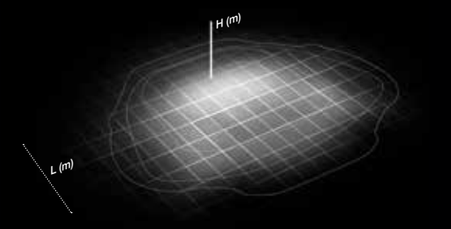
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



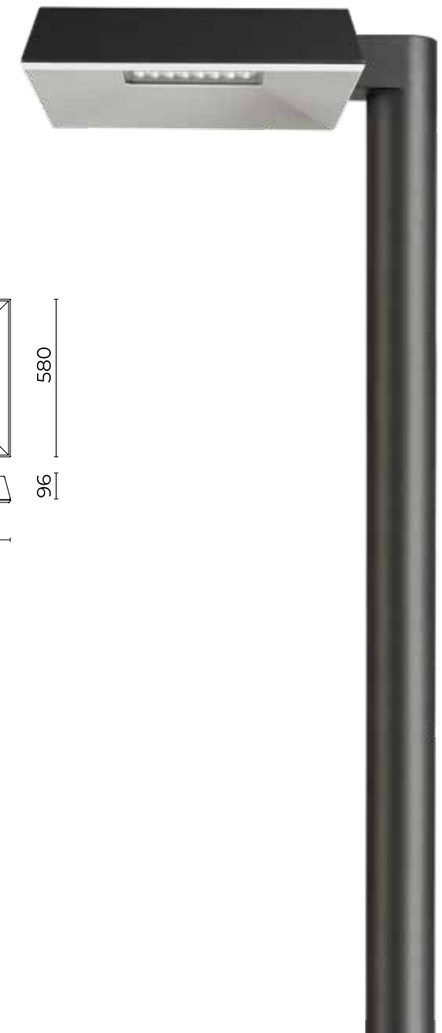
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



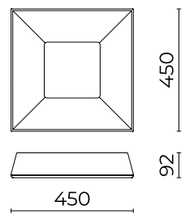
LT-06 Asimmetrica / Asymmetrical
L / H = 2



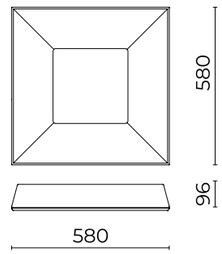
Orao
Lato palo / Pole side



SMALL



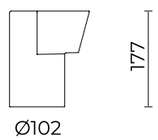
MEDIUM



DATI TECNICI / TECHNICAL DATA

Installazione / Installations:
con accessorio 01OR901C0 su pali Ø 102 mm;
con bracci su pali Ø 60 - 76 - 102 mm / with accessory 01OR901C0 on poles Ø 102 mm; with arms for poles Ø 60 - 76 - 102 mm

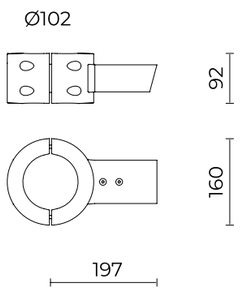
01OR901C0
B96 - Attacco testa palo Ø 60 mm H 90 mm
Joint for post top Ø 60 mm H 90 mm



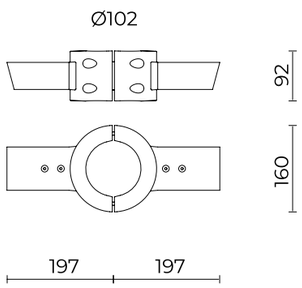
Orao
Lato palo / Pole side

BRACCI / ARMS

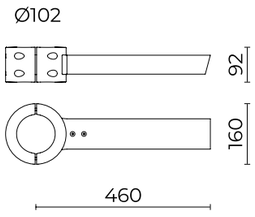
010R904C0
B99 - Braccio rettangolare
Rectangular arm



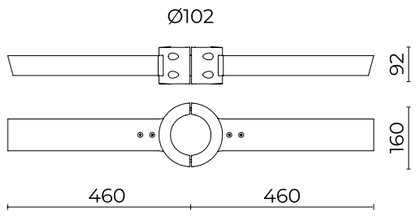
010R905C0
B100 - Braccio doppio rettangolare
Rectangular double arm



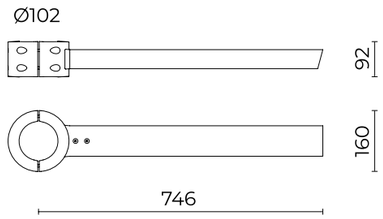
010R906C0
B101 - Braccio rettangolare
Rectangular arm



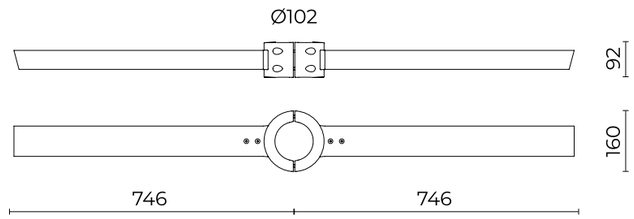
010R907C0
B102 - Braccio doppio rettangolare
Rectangular double arm



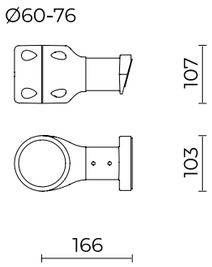
010R908C0
B103 - Braccio rettangolare
Rectangular arm



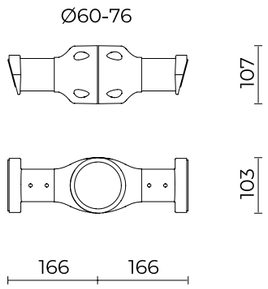
010R909C0
B104 - Braccio doppio rettangolare
Rectangular double arm



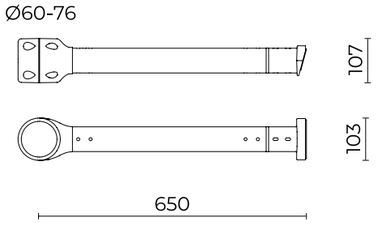
010R911C0
B106 - Braccio tubolare
Tubular arm



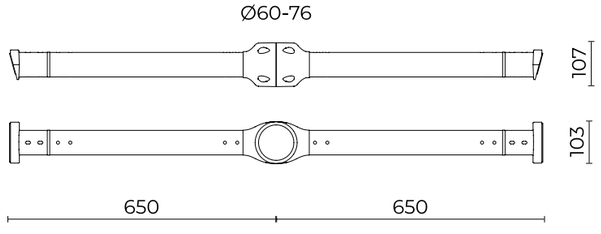
010R912C0
B107 - Braccio doppio tubolare
Tubular double arm



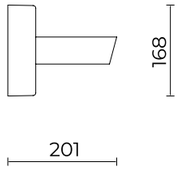
010R913C0
B108 - Braccio tubolare
Tubular arm



010R914C0
B109 - Braccio doppio tubolare
Tubular double arm



010R903C0
B98-P - Braccio parete
Arm for wall



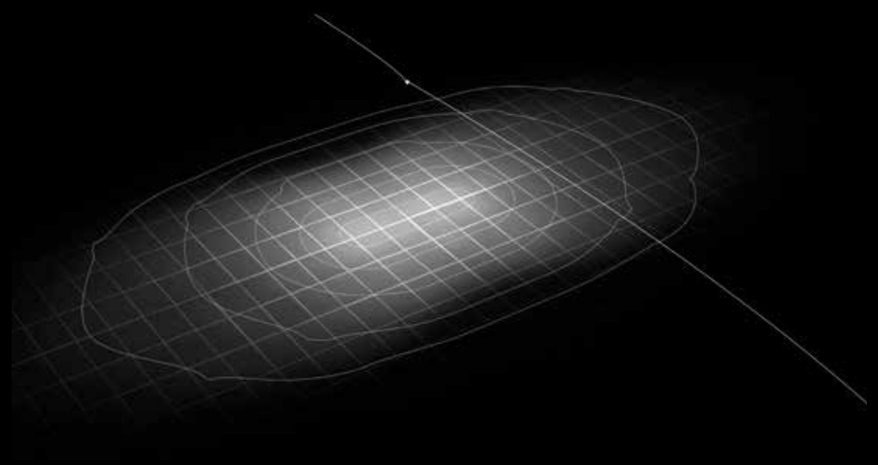
010R916C0
B83 - Attacco sospensione pastorale
Kit for suspension on curved arm

CENTELLES
Spain

FIDENZA
Italy

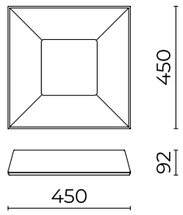
OTTICHE / OPTICS

SO-01 Simmetrica stradale / Street symmetrical

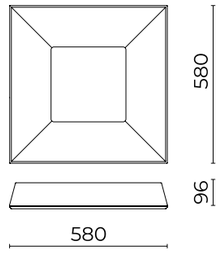


Orao
Sospensione tesata
String suspension

SMALL



MEDIUM



DATI TECNICI / TECHNICAL DATA

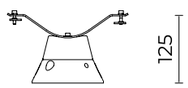
Installazione / Installation:
sospensione tesata / string suspension

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

Orientabilità / Adjustability:
0° ÷ 360°

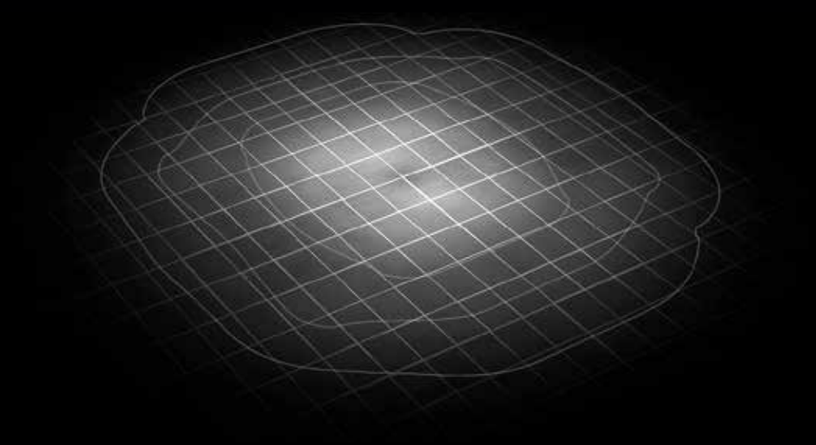
ACCESSORI / ACCESSORIES

01OR915C0
B82 - Kit sospensione fune tesata Ø 6 ÷ 12 mm
Suspension kit for string Ø 6 ÷ 12 mm



OTTICHE / OPTICS

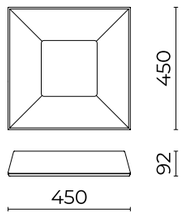
RS-01 Rotosimmetrica / Rotosymmetrical



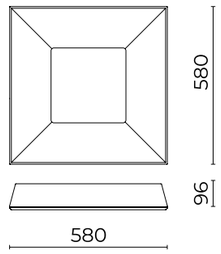
Orao

Sospensione soffitto
Ceiling suspension

SMALL



MEDIUM

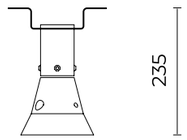


DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
sottoportico / arcade

ACCESSORI / ACCESSORIES

01OR910C0
B105 - Attacco sospensione soffitto
Ceiling suspension kit



FLAT LINK

L’ampia gamma di soluzioni ottiche e di fissaggio rendono FLAT LINK una soluzione ideale per l’illuminazione di spazi e percorsi urbani in ogni città. Design by Silvio De Ponte.

The wide range of optical and installation solutions make FLAT LINK an ideal solution for lighting urban spaces and pathways in every city. Design by Silvio De Ponte.

BUCHAREST

9000
8000
7000
6000
5000
4000

9000
8000
7000
6000
5000
4000

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

ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
3720 - 17140 lm

Potenza apparecchio / Fitting power:
26,5 - 128,5 W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

MATERIALI / MATERIALS

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

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

Schermo / Screen:
vetro piano temprato / tempered flat glass

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

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

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
11 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

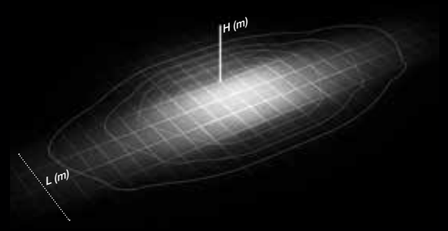
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

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

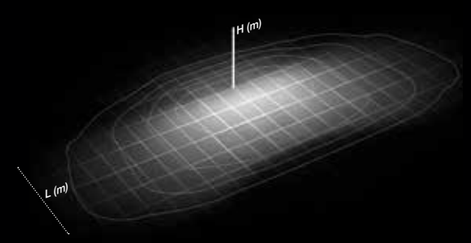
Installazione / Installation:
lato palo, sospensione braccio, sospensione tesata, parete / pole side, arm suspension, string suspension, wall

OTTICHE / OPTICS

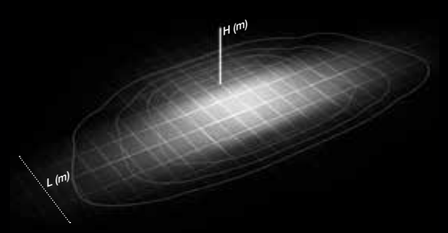
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



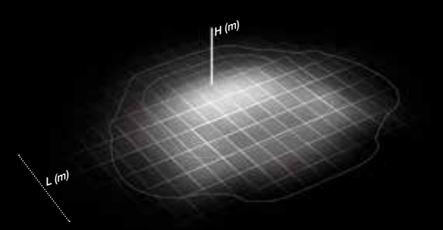
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25

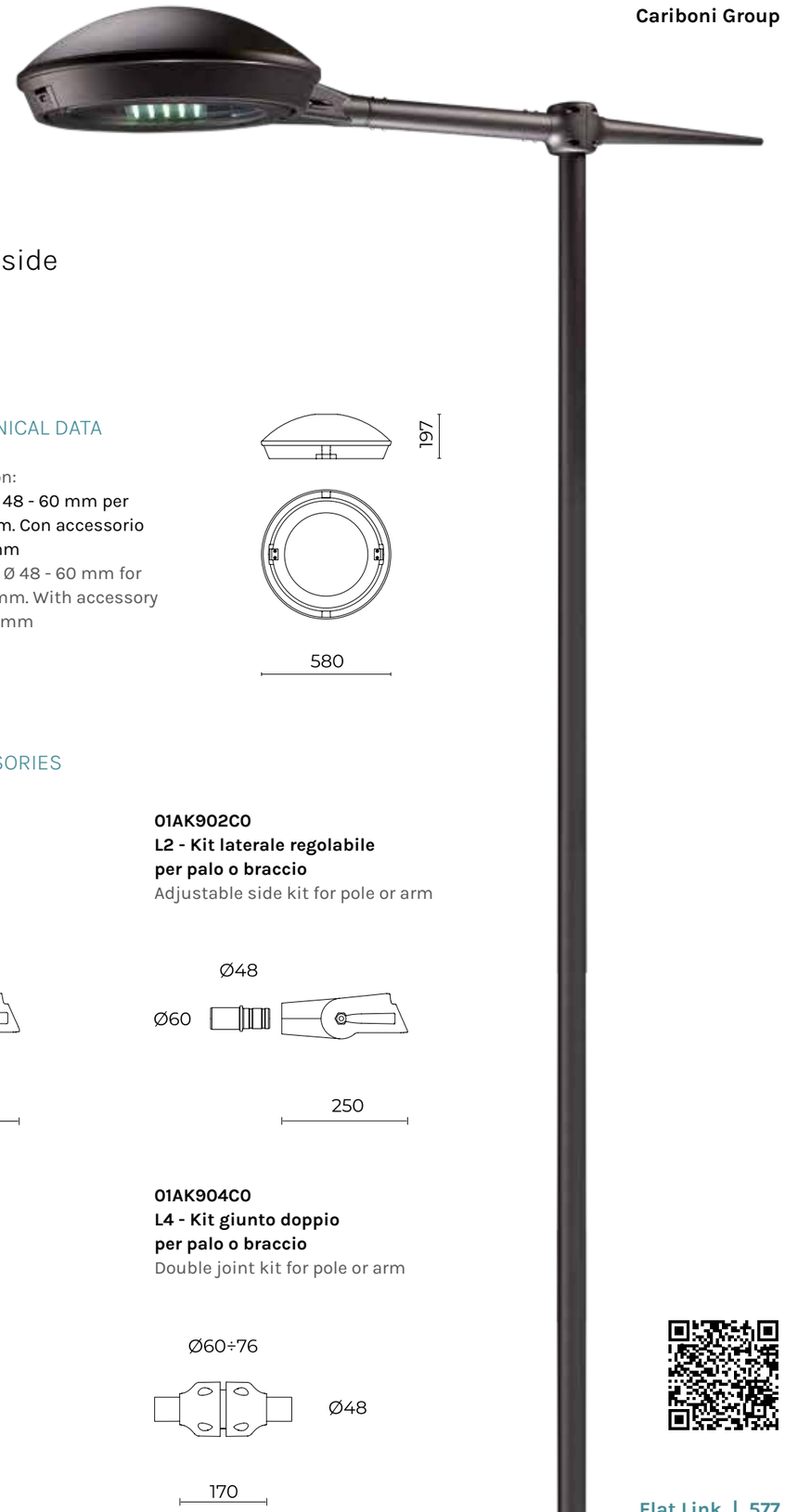


ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



LT-06 Asimmetrica / Asymmetrical
L / H = 2





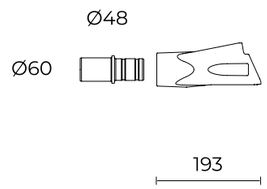
Flat Link
Lato palo / Pole side

DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
con accessori su bracci Ø 48 - 60 mm per pali Ø 60 - 76 - 102 - 114 mm. Con accessorio 01AK902C0 su pali Ø 60 mm
with accessories on arms Ø 48 - 60 mm for poles Ø 60 - 76 - 102 - 114 mm. With accessory 01AK902C0 on poles Ø 60 mm

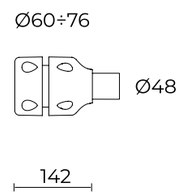
ACCESSORI / ACCESSORIES

01AK901C0
L1 - Kit laterale fisso per braccio
Fixed side kit for arm



01AK902C0
L2 - Kit laterale regolabile per palo o braccio
Adjustable side kit for pole or arm

01AK903C0
L3 - Kit giunto per palo o braccio
Joint kit for pole or arm

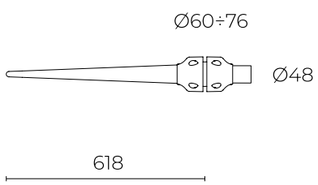


01AK904C0
L4 - Kit giunto doppio per palo o braccio
Double joint kit for pole or arm

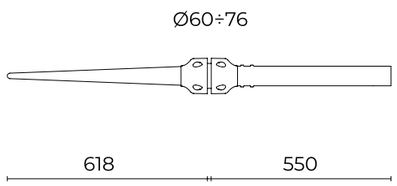
Flat Link
Lato palo / Pole side

ACCESSORI E BRACCI / ACCESSORIES AND ARMS

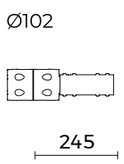
01AK905C0
L5 - Kit giunto con puntale per pali
Joint with pointed rod for poles



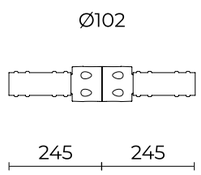
01AK925C0
B5 - Braccio con puntale per pali
Arm with pointed rod for poles



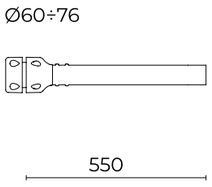
06AK906C0
B154 - Braccio per pali
Arm for poles



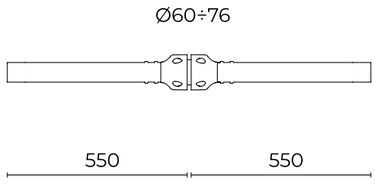
06AK908C0
B156 - Braccio doppio per pali
Double arm for poles



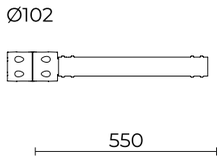
01AK921C0
B1 - Braccio per pali
Arm for poles



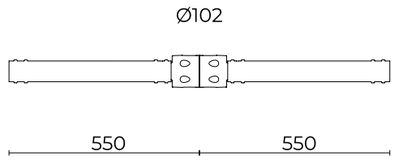
01AK922C0
B2 - Braccio doppio per pali
Double arm for poles



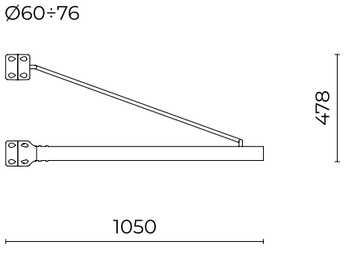
06AK907C0
B155 - Braccio per pali
Arm for poles



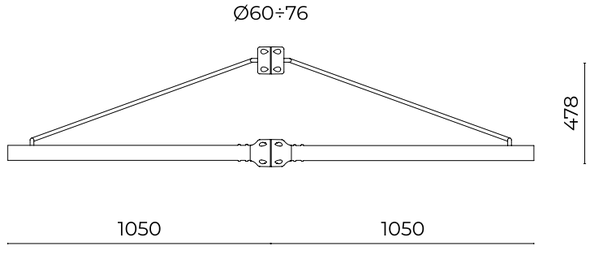
06AK909C0
B157 - Braccio doppio per pali
Double arm for poles



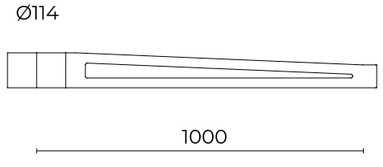
01AK923C0
B3 - Braccio con tirante per pali
Arm with tensioning rod for poles



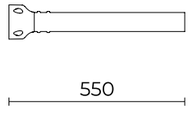
01AK924C0
B4 - Braccio doppio con tirante per pali
Double arm with tensioning rod for poles



01AK931C0
B11 - Braccio lavorato per pali
Arm machined for poles



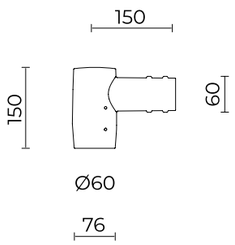
01AK951C0
B1-P - Braccio parete
Arm for wall



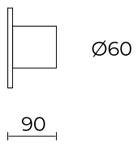
Flat Link
Lato palo / Pole side

ACCESSORI E BRACCI / ACCESSORIES AND ARMS

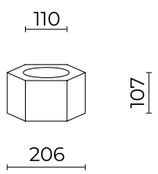
06AK905C0
B153 - Giunto testa palo H 90 mm
Joint post top H 90 mm



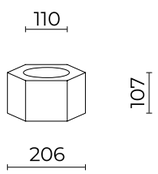
01AK943C0
L8 - Kit raccordo tubolare per esagono per pali Ø 114 mm
Tubular connector kit for hexagonal connector for Ø 114 mm poles



01SC904AD0
E1 - Kit esagono 1 - 2 agganci 180° per palo Ø 114 mm
Hexagonal connector kit 1 - 2 180° couplings for a Ø 114 mm pole

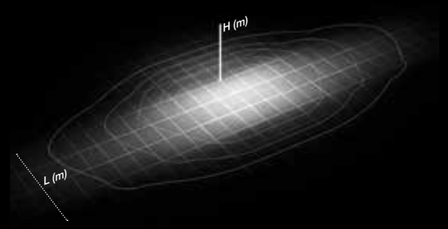


01SC905AD0
E2 - Kit esagono 2 - 3 agganci 120° per palo Ø 114 mm
Hexagonal connector kit 2 - 3 120° couplings for a Ø 114 mm pole

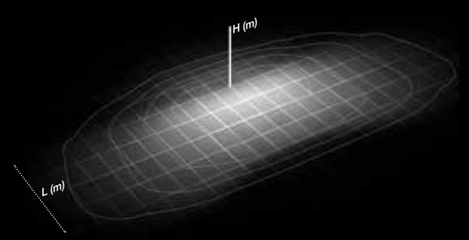


OTTICHE / OPTICS

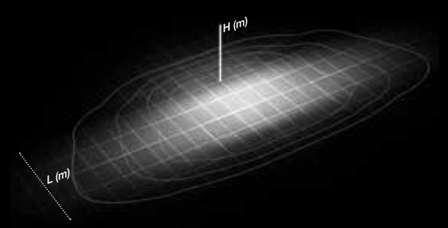
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



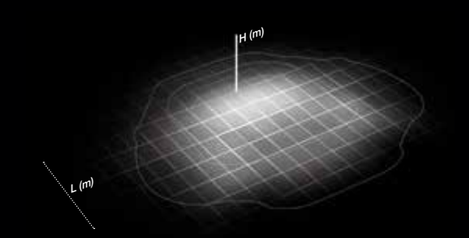
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



LT-06 Asimmetrica / Asymmetrical
L / H = 2



Flat Link

Sospensione braccio / Arm suspension

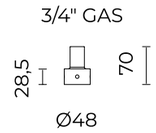
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
con accessori su bracci 1"1/2 GAS, 3/4" GAS; su bracci Ø 48 - 60 mm per pali Ø 60 - 76 - 102 - 114 mm / with accessories on arms 1"1/2 GAS, 3/4" GAS; on arms Ø 48 - 60 mm for poles Ø 60 - 76 - 102 - 114 mm

ACCESSORI / ACCESSORIES

01AK907C0
L16 - Kit sospensione maschio
Male suspension kit

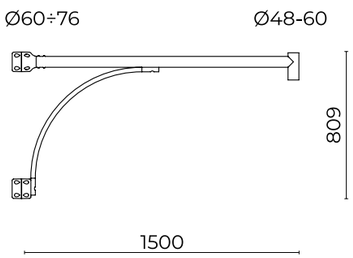
01AK914C0
L17 - Kit sospensione maschio
Male suspension kit



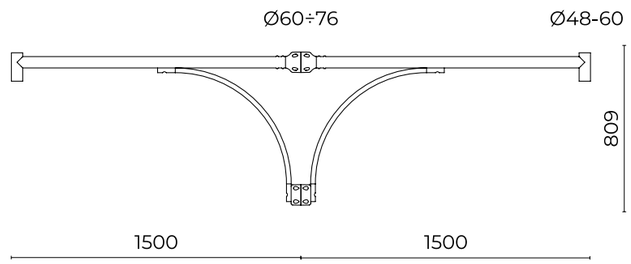
Flat Link
Sospensione braccio / Arm suspension

BRACCI / ARMS

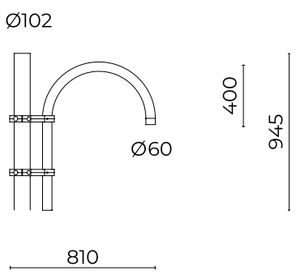
01AK933C0
B13 - Braccio ad arco per pali
Arched arm for poles



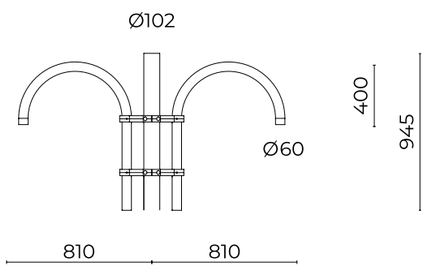
01AK934C0
B14 - Braccio ad arco doppio per pali
Double arched arm for poles



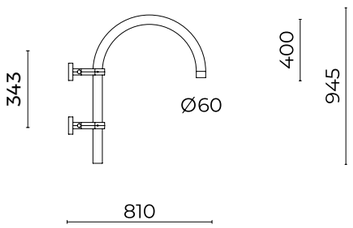
01AK935C0
B15 - Braccio pastorale per pali
Curved arm for poles



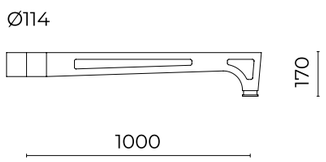
01AK936C0
B16 - Braccio pastorale doppio per pali
Double curved arm for poles



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

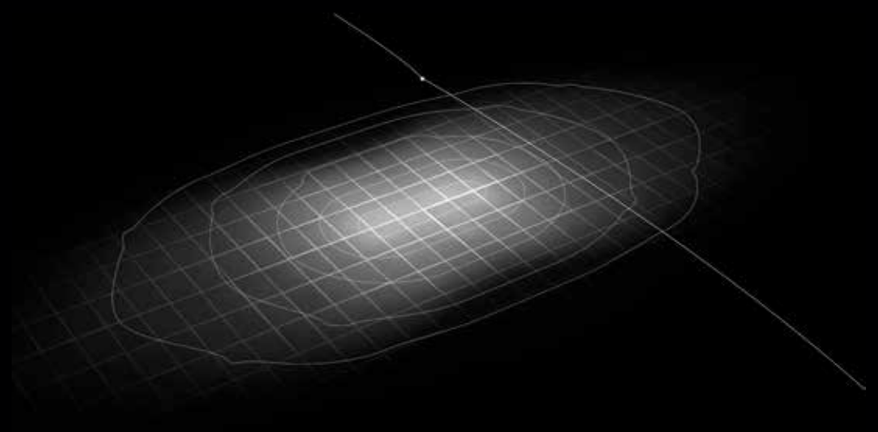


01AK941C0
B21 - Braccio lavorato per pali
Arm machined for poles



OTTICHE / OPTICS

SO-01 Simmetrica stradale / Street symmetrical

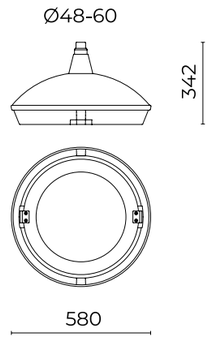


Flat Link
Sospensione tesata
String suspension

DATI TECNICI / TECHNICAL DATA

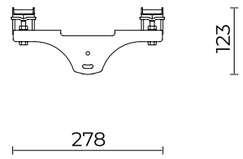
Installazione / Installation:
sospensione tesata / string suspension

Orientabilità / Adjustability:
0° ÷ 360°



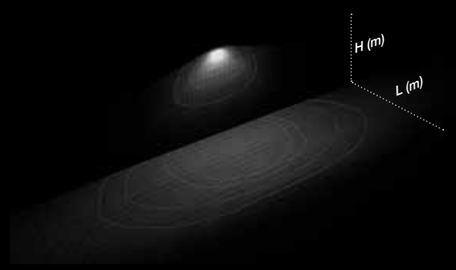
ACCESSORI / ACCESSORIES

01AK913C0
Kit di sospensione
per fune tesata Ø 6 ÷ 12 mm
Suspension kit for string Ø 6 ÷ 12 mm

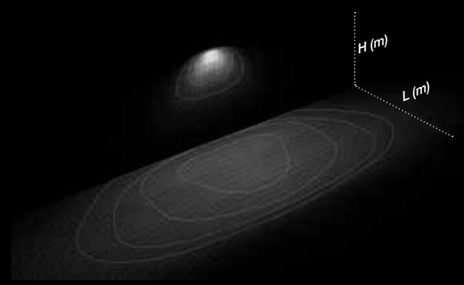


OTTICHE / OPTICS

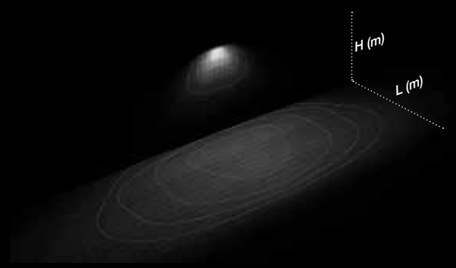
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



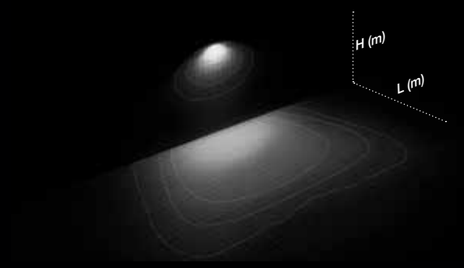
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1

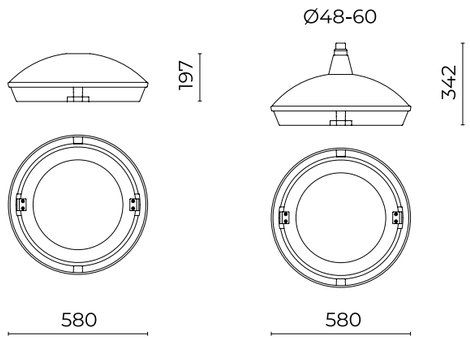


LT-06 Asimmetrica / Asymmetrical
L / H = 2



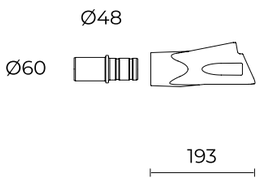
Flat Link
Parete / Wall

Cariboni Group

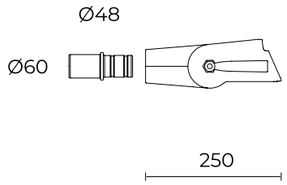


ACCESSORI / ACCESSORIES

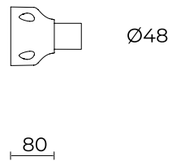
01AK901C0
L1 - Kit laterale fisso per braccio
Fixed side kit for arm



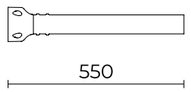
01AK902C0
L2 - Kit laterale regolabile per palo o braccio
Adjustable side kit for pole or arm



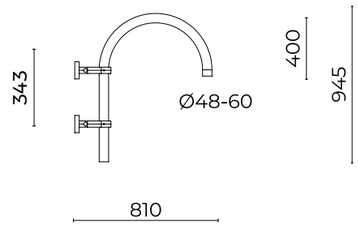
01AK906C0
P1 - Kit parete attacco laterale
Wall-mounting kit side connector



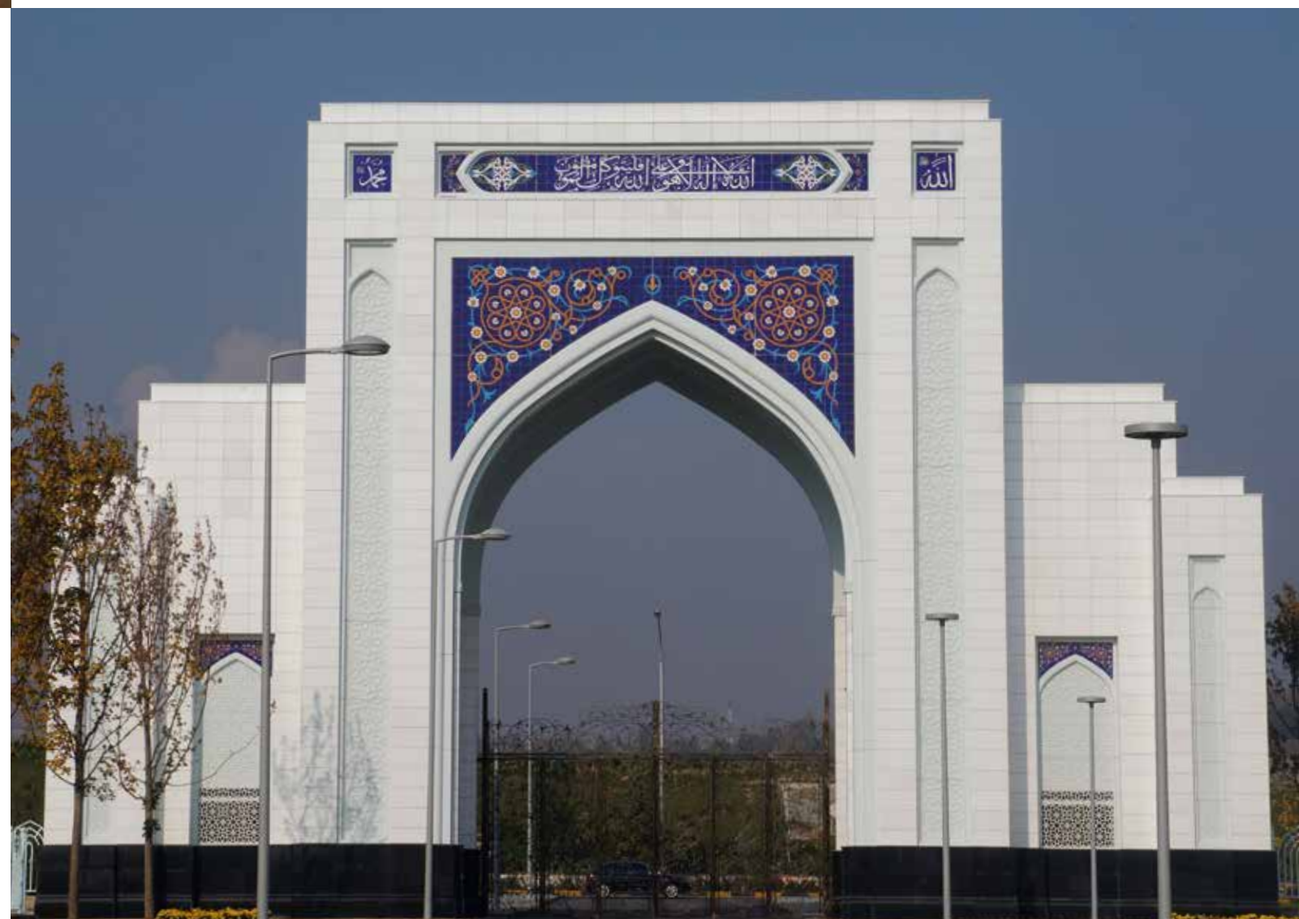
01AK951C0
B1-P - Braccio parete
Arm for wall



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



MILAN
Italy



DUSHANBE
Tajikistan

BIG LINK

L’ampia gamma di soluzioni ottiche e di fissaggio rendono BIG LINK una soluzione ideale per l’illuminazione di spazi e percorsi urbani in ogni città. Design by Silvio De Ponte.

The wide range of optical and installation solutions make BIG LINK an ideal solution for lighting urban spaces and pathways in every city. Design by Silvio De Ponte.

MILAN
Italy

9000
8000
7000
6000
5000
4000

9000
8000
7000
6000
5000
4000

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

CE ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
3720 - 17140 lm

Potenza apparecchio / Fitting power:
26,5 - 128,5 W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

MATERIALI / MATERIALS

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

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

Schermo / Screen:
vetro piano temprato / tempered flat glass

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

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

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
11 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

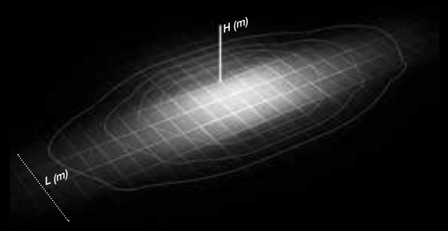
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

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

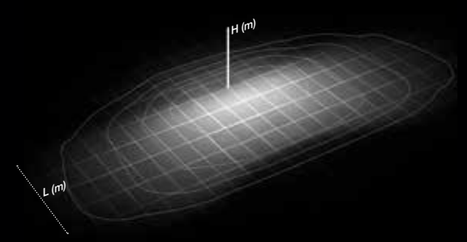
Installazione / Installation:
lato palo, sospensione braccio
pole side, arm suspension

OTTICHE / OPTICS

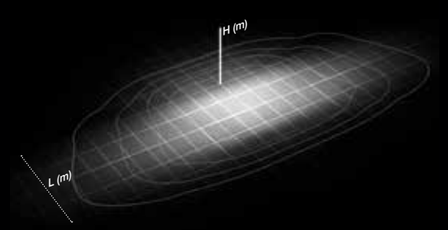
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



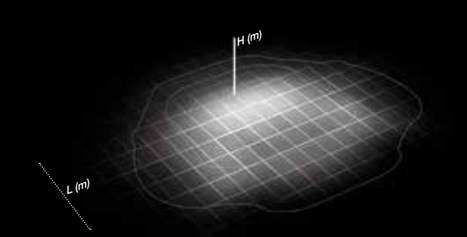
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



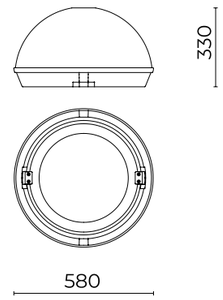
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1

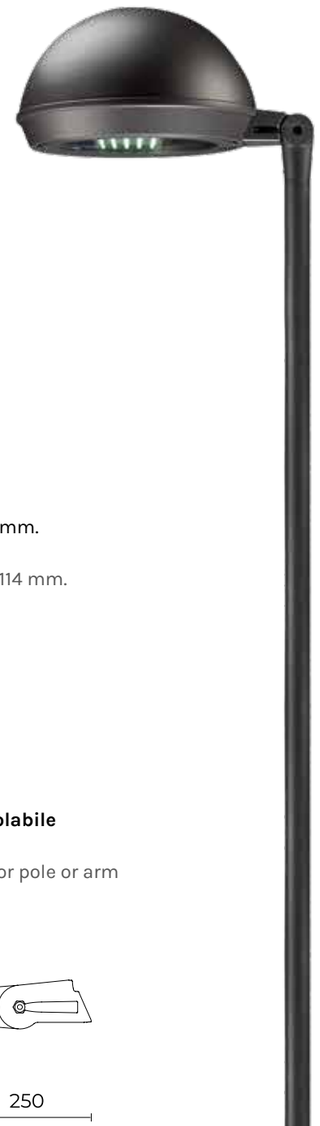


LT-06 Asimmetrica / Asymmetrical
L / H = 2



Big Link
Lato palo / Pole side



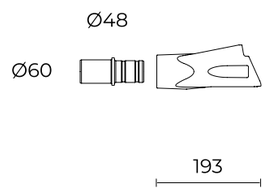


DATI TECNICI / TECHNICAL DATA

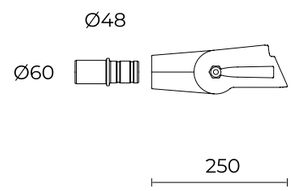
Installazione / Installation:
con accessori su bracci Ø 48 - 60 mm per pali Ø 60 - 76 - 102 - 114 mm.
Con accessorio 01AK902C0 su pali Ø 60 mm
with accessories on arms Ø 48 - 60 mm for poles Ø 60 - 76 - 102 - 114 mm.
With accessory 01AK902C0 on poles Ø 60 mm

ACCESSORI / ACCESSORIES

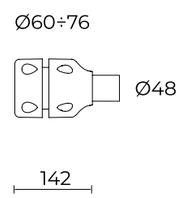
01AK901C0
L1 - Kit laterale fisso
per braccio
Fixed side kit for arm



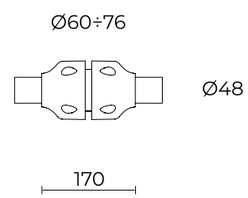
01AK902C0
L2 - Kit laterale regolabile
per palo o braccio
Adjustable side kit for pole or arm



01AK903C0
L3 - Kit giunto
per palo o braccio
Joint kit for pole or arm



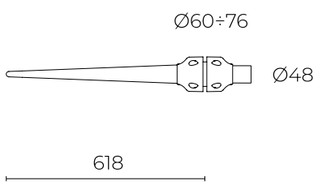
01AK904C0
L4 - Kit giunto doppio
per palo o braccio
Double joint kit for pole or arm



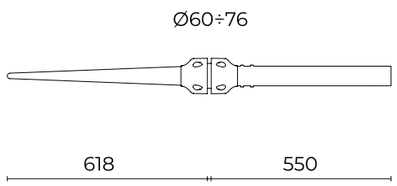
Big Link
Lato palo / Pole side

ACCESSORI E BRACCI / ACCESSORIES AND ARMS:

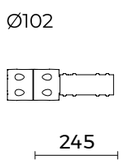
01AK905C0
L5 - Kit giunto con puntale per pali
Joint with pointed rod for poles



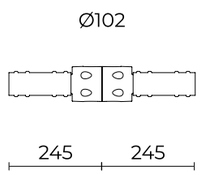
01AK925C0
B5 - Braccio con puntale per pali
Arm with pointed rod for poles



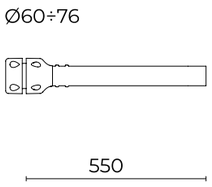
06AK906C0
B154 - Braccio per pali
Arm for poles



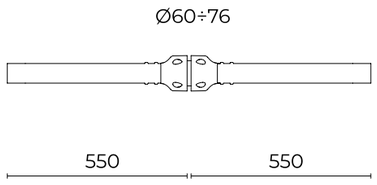
06AK908C0
B156 - Braccio doppio per pali
Double arm for poles



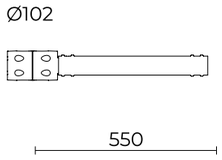
01AK921C0
B1 - Braccio per pali
Arm for poles



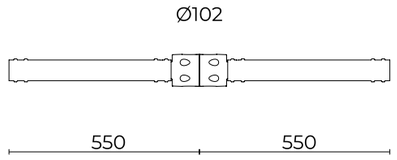
01AK922C0
B2 - Braccio doppio per pali
Double arm for poles



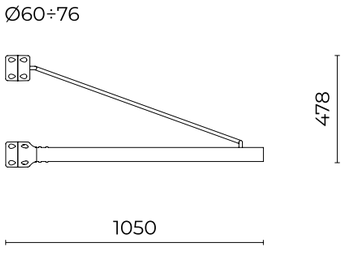
06AK907C0
B155 - Braccio per pali
Arm for poles



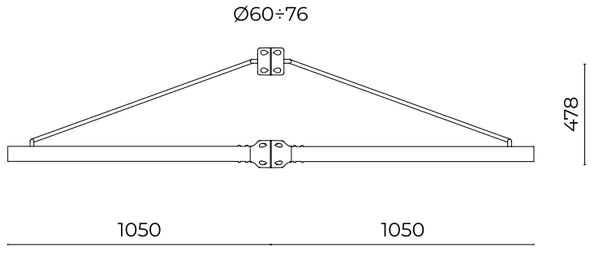
06AK909C0
B157 - Braccio doppio per pali
Double arm for poles



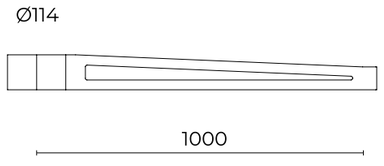
01AK923C0
B3 - Braccio con tirante per pali
Arm with tensioning rod for poles



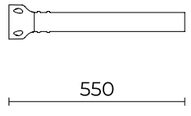
01AK924C0
B4 - Braccio doppio con tirante per pali
Double arm with tensioning rod for poles



01AK931C0
B11 - Braccio lavorato per pali
Arm machined for poles



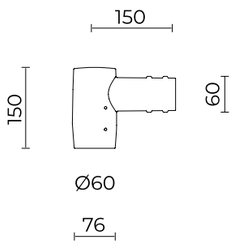
01AK951C0
B1-P - Braccio parete
Arm for wall



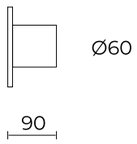
Big Link
Lato palo / Pole side

ACCESSORI E BRACCI / ACCESSORIES AND ARMS:

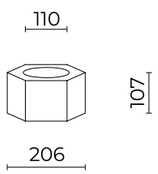
06AK905C0
B153 - Giunto testa palo H 90 mm
Joint post top H 90 mm



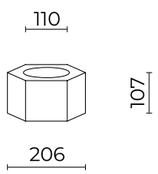
01AK943C0
L8 - Kit raccordo tubolare per esagono per pali Ø 114 mm
Tubular connector kit for hexagonal connector for Ø 114 mm poles



01SC904AD0
E1 - Kit esagono 1 - 2 agganci 180° per palo Ø 114 mm
Hexagonal connector kit 1 - 2 180° couplings for a Ø 114 mm pole

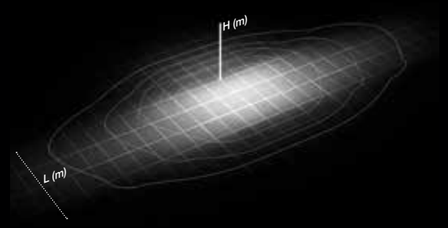


01SC905AD0
E2 - Kit esagono 2 - 3 agganci 120° per palo Ø 114 mm
Hexagonal connector kit 2 - 3 120° couplings for a Ø 114 mm pole

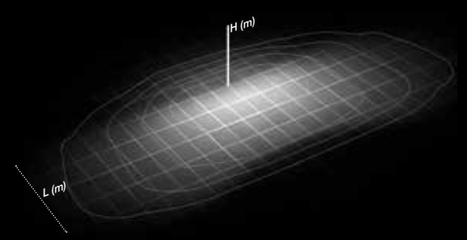


OTTICHE / OPTICS

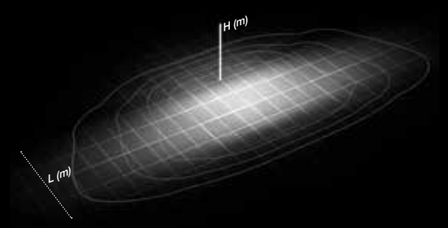
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



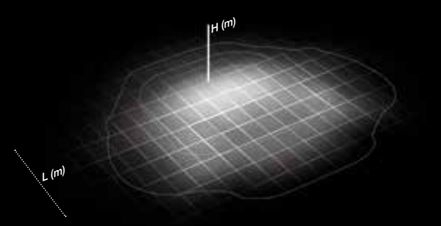
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



LT-06 Asimmetrica / Asymmetrical
L / H = 2



Big Link

Sospensione braccio / Arm suspension

DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
con accessori su bracci 1"1/2 GAS, 3/4" GAS; su bracci Ø 48 - 60 mm per pali Ø 60 - 76 - 102 - 114 mm
with accessories on arms 1"1/2 GAS, 3/4" GAS; on arms Ø 48 - 60 mm for poles Ø 60 - 76 - 102 - 114 mm

ACCESSORI / ACCESSORIES

01AK907C0
L16 - Kit sospensione maschio
Male suspension kit

1"½ GAS

Ø48

01AK914C0
L17 - Kit sospensione maschio
Male suspension kit

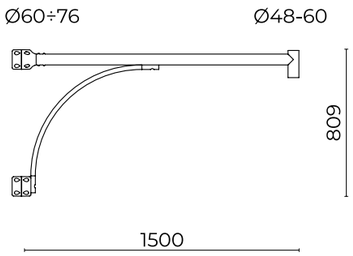
3/4" GAS

Ø48

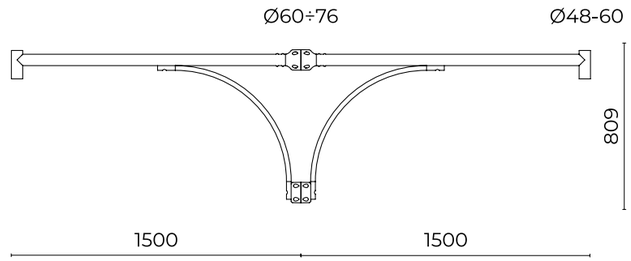
Big Link
Sospensione braccio / Arm suspension

BRACCI / ARMS

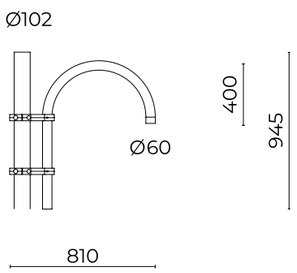
01AK933C0
B13 - Braccio ad arco per pali
Arched arm for poles



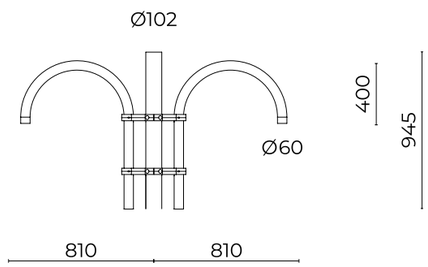
01AK934C0
B14 - Braccio ad arco doppio per pali
Double arched arm for poles



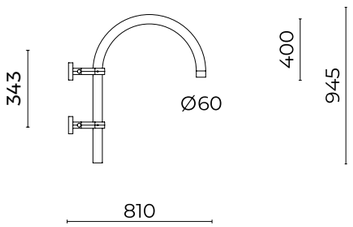
01AK935C0
B15 - Braccio pastorale per pali
Curved arm for poles



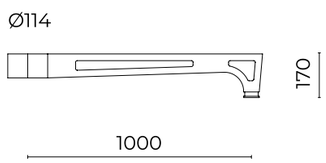
01AK936C0
B16 - Braccio pastorale doppio per pali
Double curved arm for poles

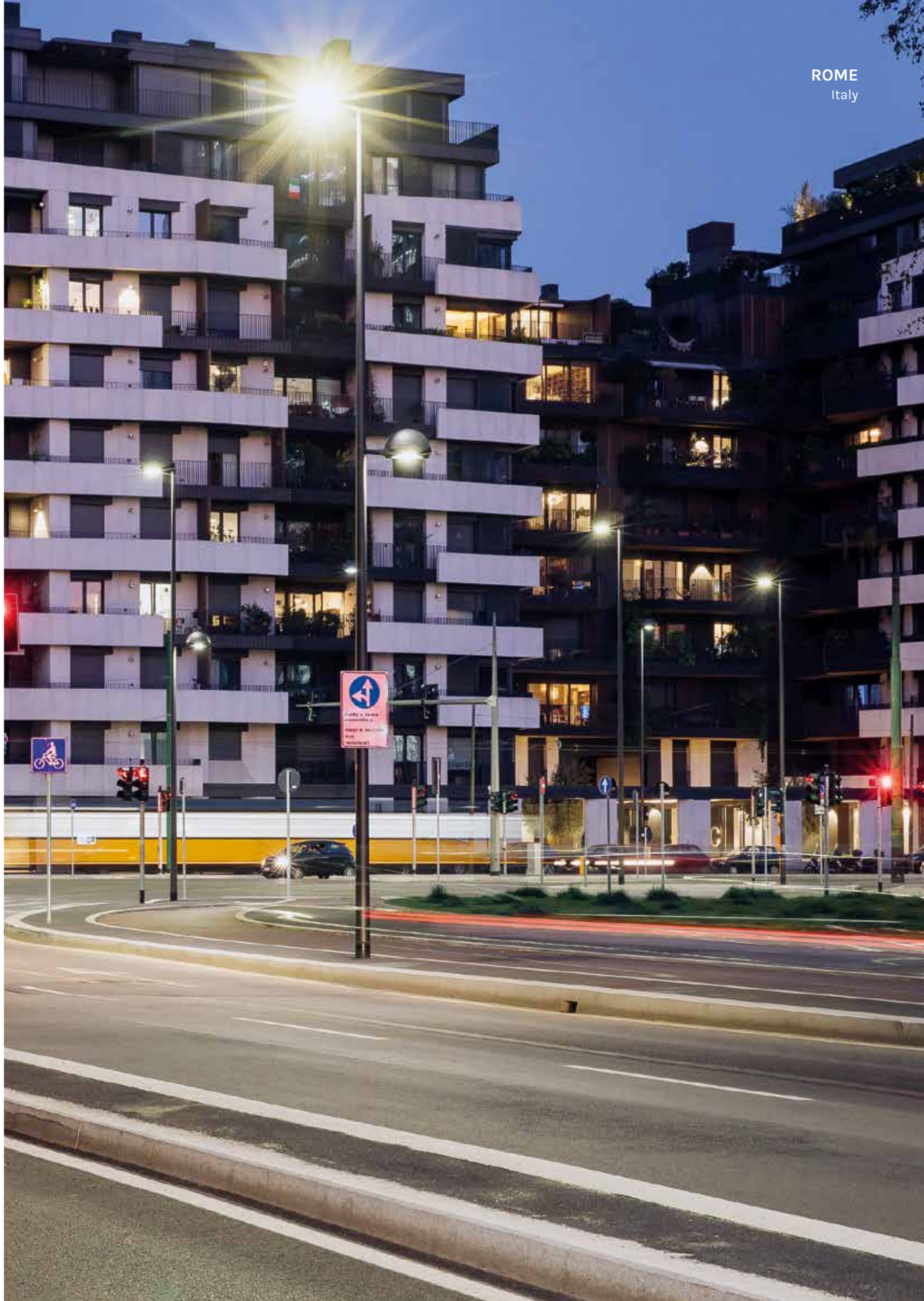


01AK950C0
B15-P - Braccio pastorale a parete
Curved arm for wall



01AK941C0
B21 - Braccio lavorato per pali
Arm machined for poles





CLASSIC

CLASSIC coniuga forme tradizionali e innovazione tecnologica. È particolarmente adatto all'illuminazione di centri storici e di tutti i percorsi e gli spazi urbani con un lungo passato.

CLASSIC combines traditional shapes with technological innovation. It is particularly suitable for lighting historical centres and all the pathways and urban spaces with a long past.

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

CE ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1540 - 13840 lm

Potenza apparecchio / Fitting power:
26,5 - 103,5 W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 3000 K
- 4000 K

MATERIALI / MATERIALS

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

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

Schermo / Screen:
vetro piano temprato / tempered flat glass

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

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

COLORI / COLOURS

- SABLÉ 100 NOIR

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
11 kg

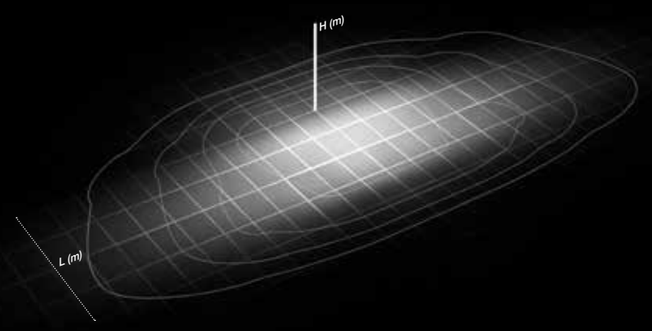
Alimentazione elettronica / Electronic power supply:
inclusa / included

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

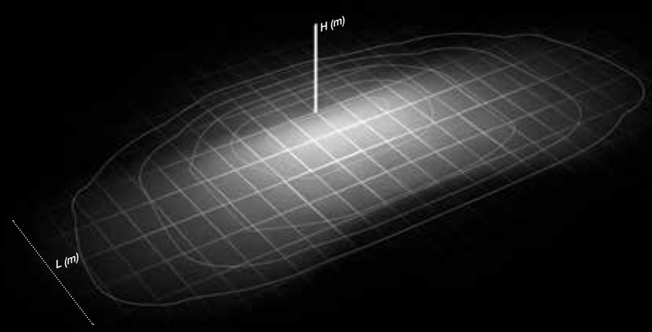
Installazione / Installation:
sospensione braccio, parete / arm suspension, wall

OTTICHE / OPTICS

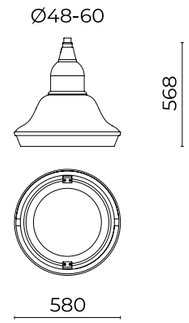
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



Classic
Sospensione braccio / Arm suspension



DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
con accessori su bracci 1"1/2 GAS, 3/4" GAS; su bracci Ø 48 - 60 mm per pali Ø 102 mm / with accessories on arms 1"1/2 GAS, 3/4" GAS; on arms Ø 48 - 60 mm for poles Ø 102 mm

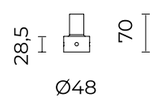
ACCESSORI / ACCESSORIES

01AK907C0
L16 - Kit sospensione maschio
Male suspension kit

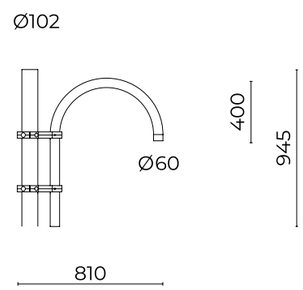
1"½ GAS

01AK914C0
L17 - Kit sospensione maschio
Male suspension kit

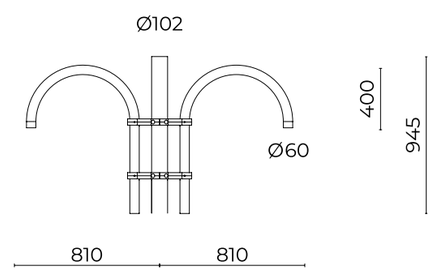
3/4" GAS



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



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

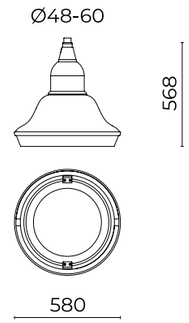


OTTICHE / OPTICS

ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1

LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25

Classic
Parete / Wall



DATI TECNICI / TECHNICAL DATA

Installazione / Installations:
parete / wall-mounted

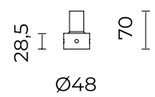
ACCESSORI / ACCESSORIES

01AK907C0
L16 - Kit sospensione maschio
Male suspension kit

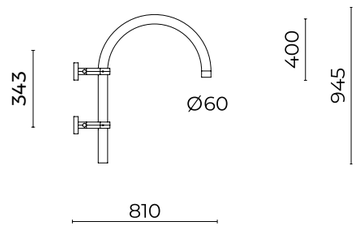
1"½ GAS

01AK914C0
L17 - Kit sospensione maschio
Male suspension kit

3/4" GAS



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



Classic

BUCHAREST
Romania

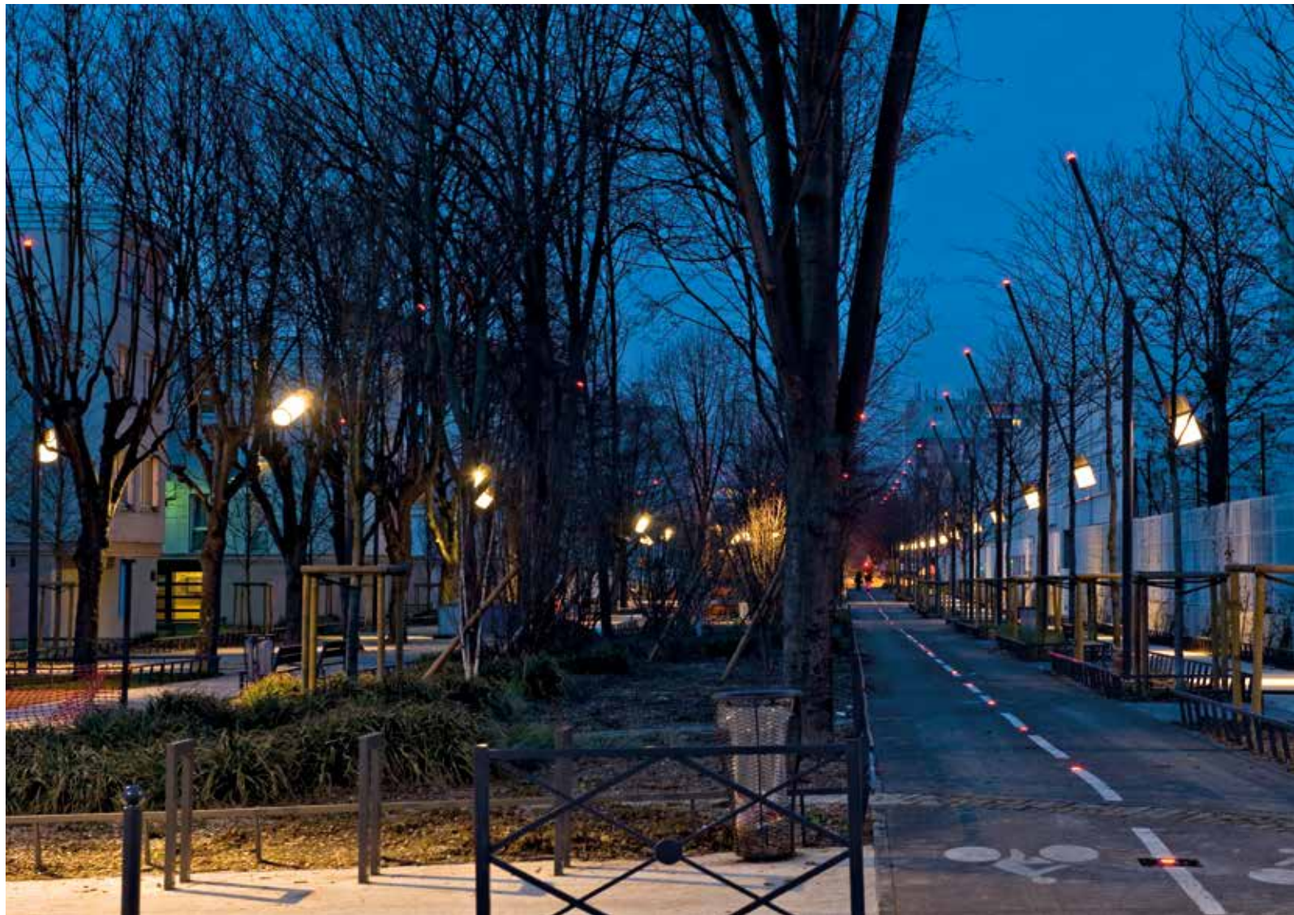
SAN FELICE CIRCEO
Italy

MÂT BALANCIER

MÂT BALANCIER è un originale sistema d’arredo urbano disegnato dall’architetto e lighting designer François Migeon.

MÂT BALANCIER is an original urban lighting system designed by the architect and lighting designer François Migeon.

SESTO SAN GIOVANNI
Italy



VILLENEUVE LA GARENNE
France

220 240V | 50 60Hz | CL II | IP66 | IK06 | ta -30°C +50°C

ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1785 - 13230 lm

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

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

MATERIALI / MATERIALS

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

Palo / Pole:
in acciaio a sezione circolare / round steel pole

Schermo / Screen:
vetro piano temprato / tempered flat glass

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

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

COLORI / COLOURS

- SABLÉ 100 NOIR

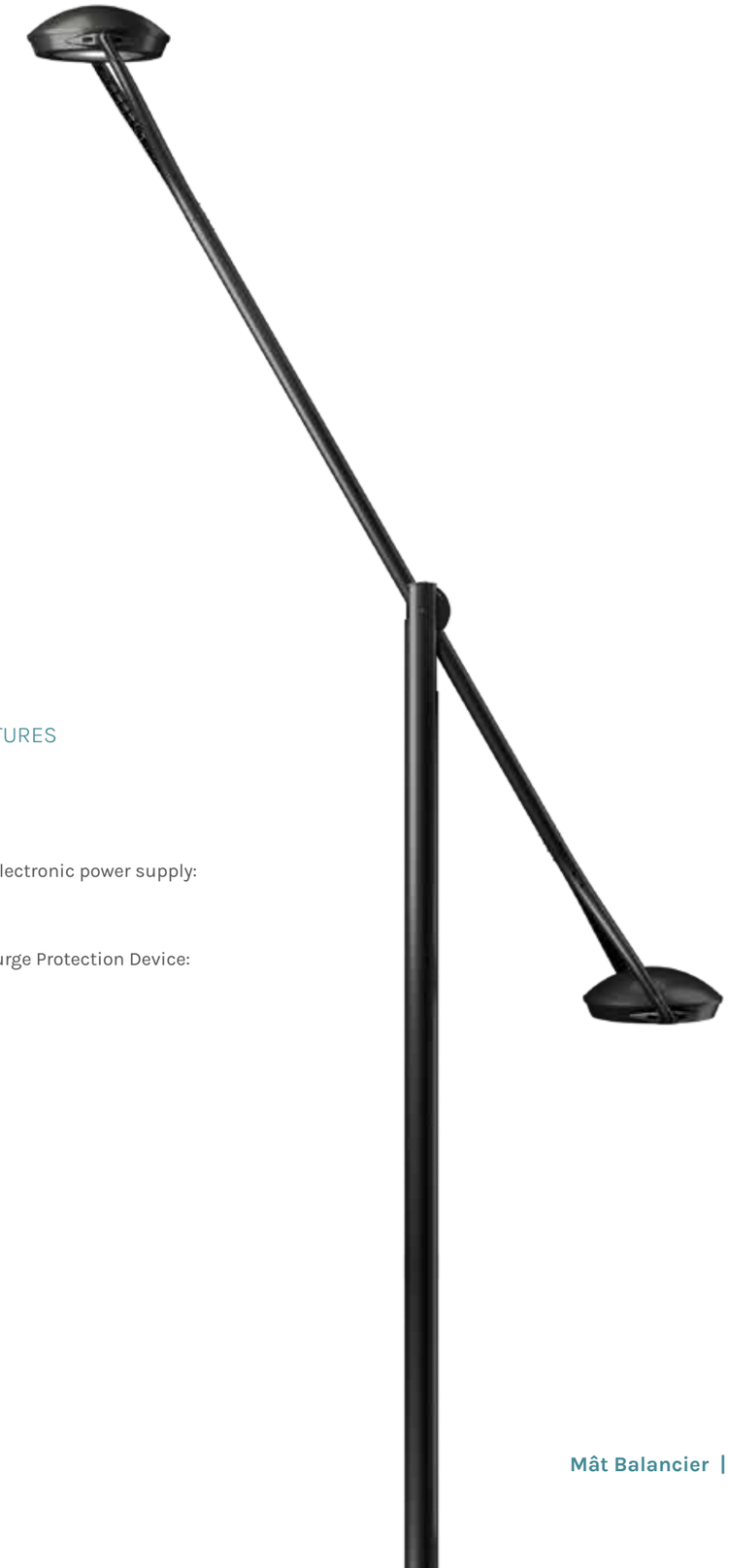
CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
140 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

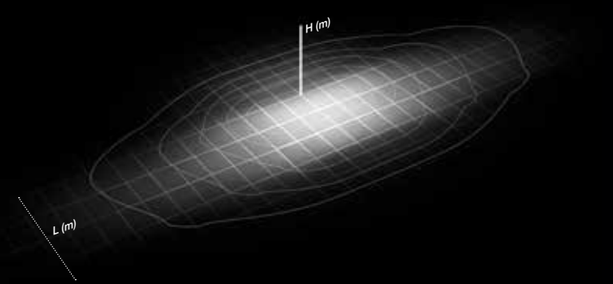
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Installazione / Installation:
lato palo / pole side

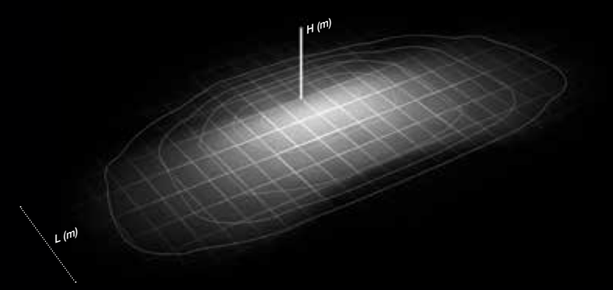


OTTICHE / OPTICS

ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75

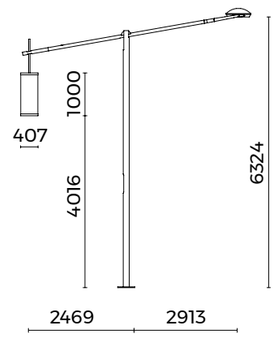


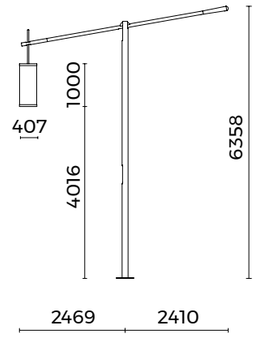
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25

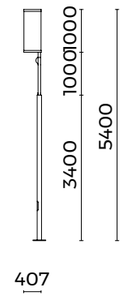


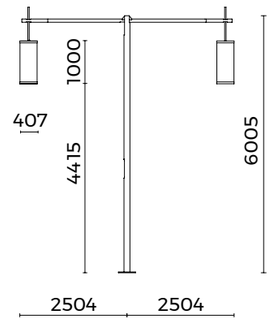
Mât Balancier

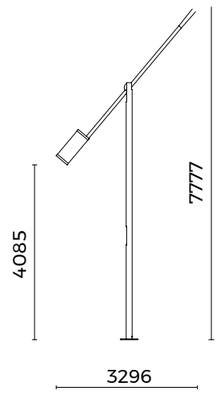
Lato palo / Pole side

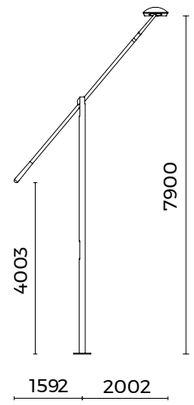


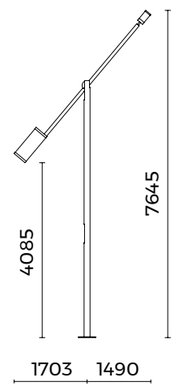


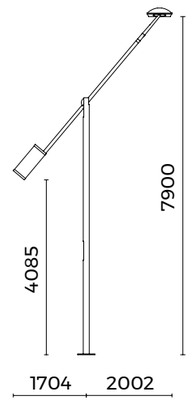


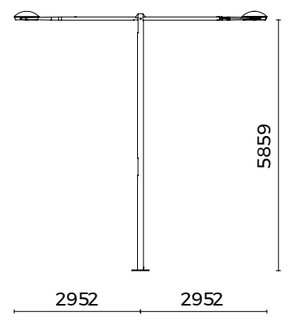




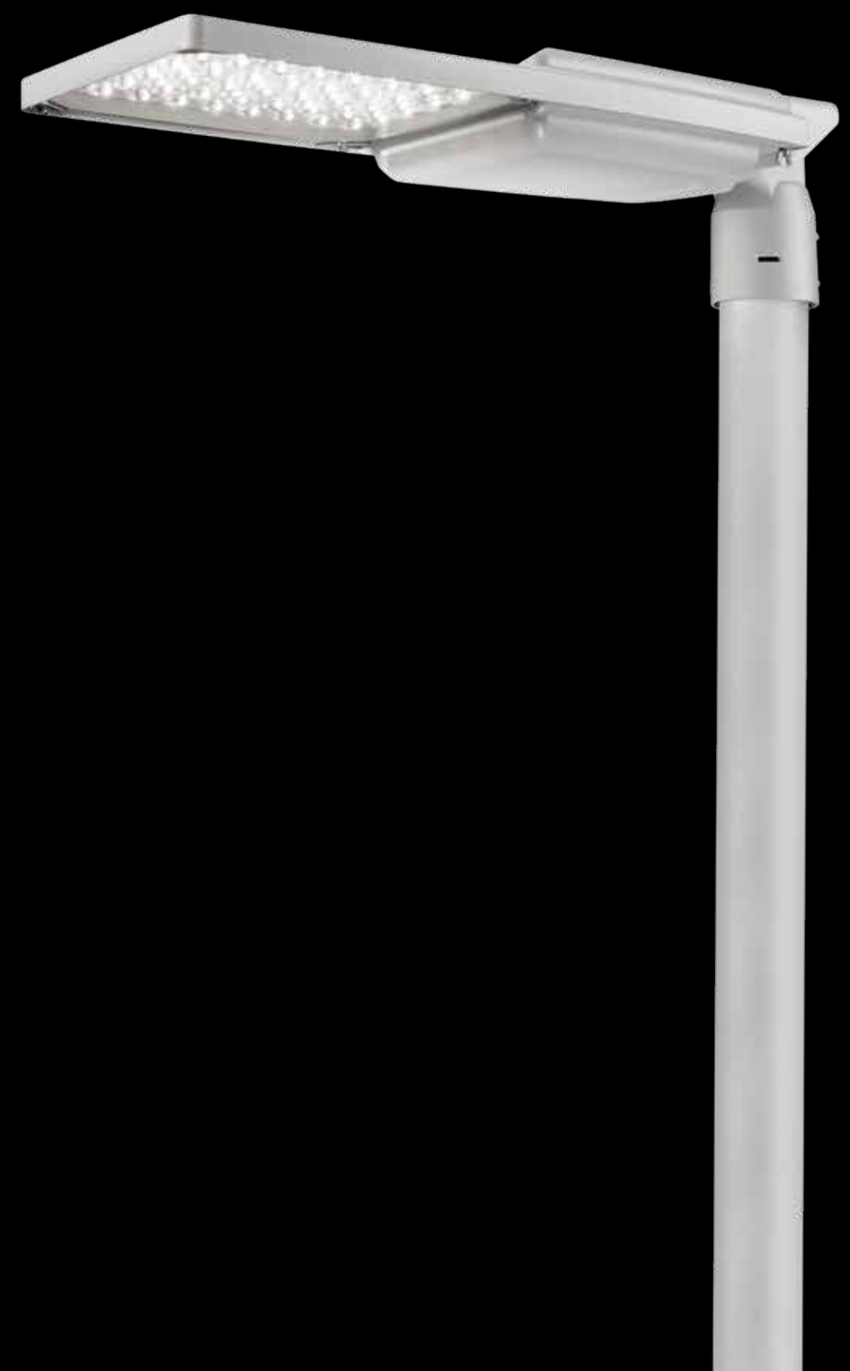








KOINÈ



Gamma di armature stradali particolarmente efficiente, adatta per l'illuminazione di grandi aree, percorsi pedonali, strade urbane ed extra-urbane.

Range of highly performing street lighting, suitable for lighting of wide area, pathways, urban and extra-urban streets.

HOTEL
LIBERO

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

CE ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1670 - 23180 lm

Potenza apparecchio / Fitting power:
12 - 155 W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 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:
4,2 kg (small), 6,2 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa / included

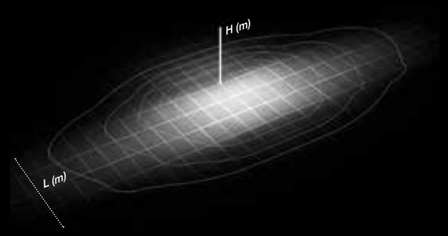
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Accesso vano cablaggio / Wiring compartment opening:
senza utensili / without tools

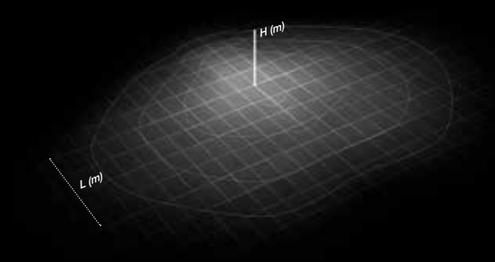
Installazione / Installation:
palo, braccio / pole, arm

OTTICHE / OPTICS

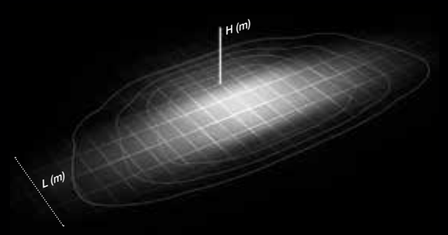
ST-02 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



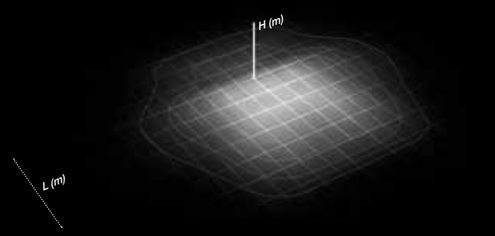
PB-01 Asimmetrica stradale / Street asymmetrical
L / H = 2



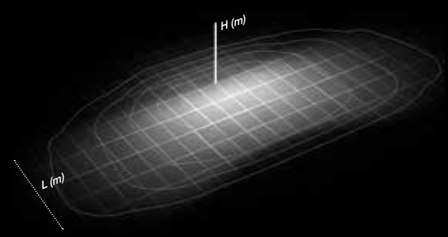
ME-05 Asimmetrica stradale / Street asymmetrical
L / H = 1



LT-63 Asimmetrica / Asymmetrical
L / H = 2



LA-03 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



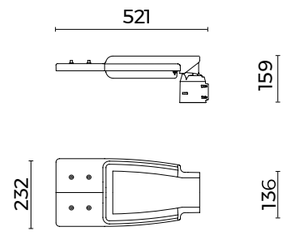
Koinè
Palo / Pole

DATI TECNICI / TECHNICAL DATA

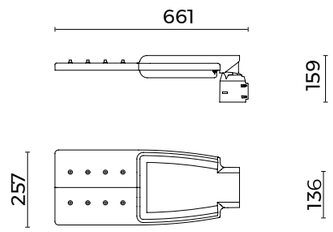
Installazione / Installation:
pali Ø 46 - 60 - 76 mm
poles Ø 46 - 60 - 76 mm

Inclinazione / Inclination:
0° ÷ 90° (con passo 5°)
0° ÷ 90° (step 5°)

SMALL

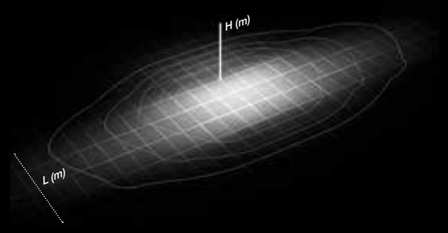


MEDIUM

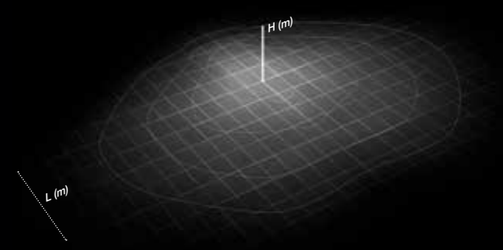


OTTICHE / OPTICS

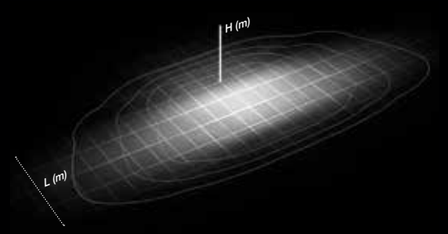
ST-02 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



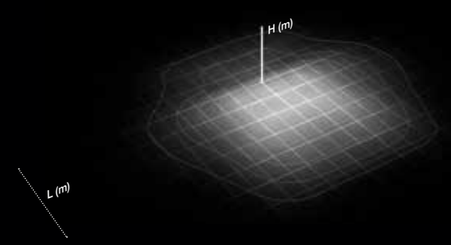
PB-01 Asimmetrica stradale / Street asymmetrical
L / H = 2



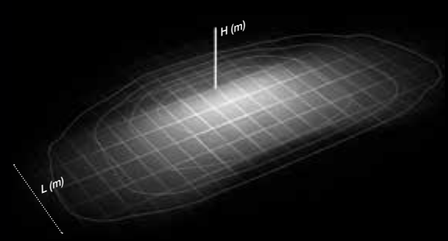
ME-05 Asimmetrica stradale / Street asymmetrical
L / H = 1



LT-63 Asimmetrica / Asymmetrical
L / H = 2



LA-03 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



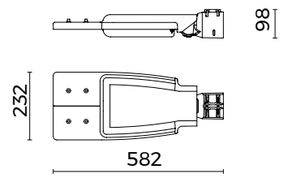
Koinè
Braccio - Parete / Arm - Wall

DATI TECNICI / TECHNICAL DATA

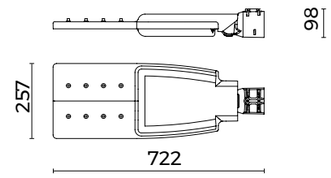
Installazione / Installation:
bracci Ø 46 - 60 - 76 mm
arms Ø 46 - 60 - 76 mm

Inclinazione / Inclination:
0° ÷ -90° (con passo 5°)
0° ÷ -90° (step 5°)

SMALL



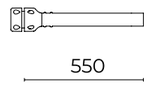
MEDIUM



BRACCI / ARMS

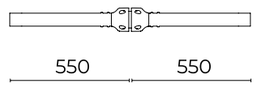
01AK921A0 - RAL9006
B1 - Braccio per pali
Arm for poles

Ø60-76

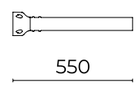


01AK922A0 - RAL9006
B2 - Braccio doppio per pali
Double arm for poles

Ø60-76

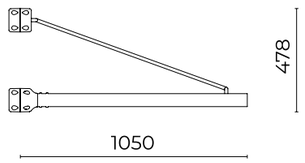


01AK951A0 - RAL9006
B1-P - Braccio parete
Arm for wall



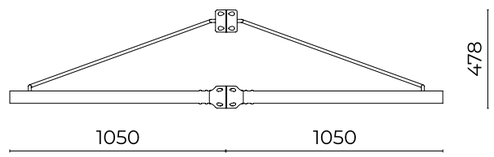
01AK969A0 - RAL9006
B74 - Braccio con tirante per pali
Arm with tensioning rod for poles

Ø60-76

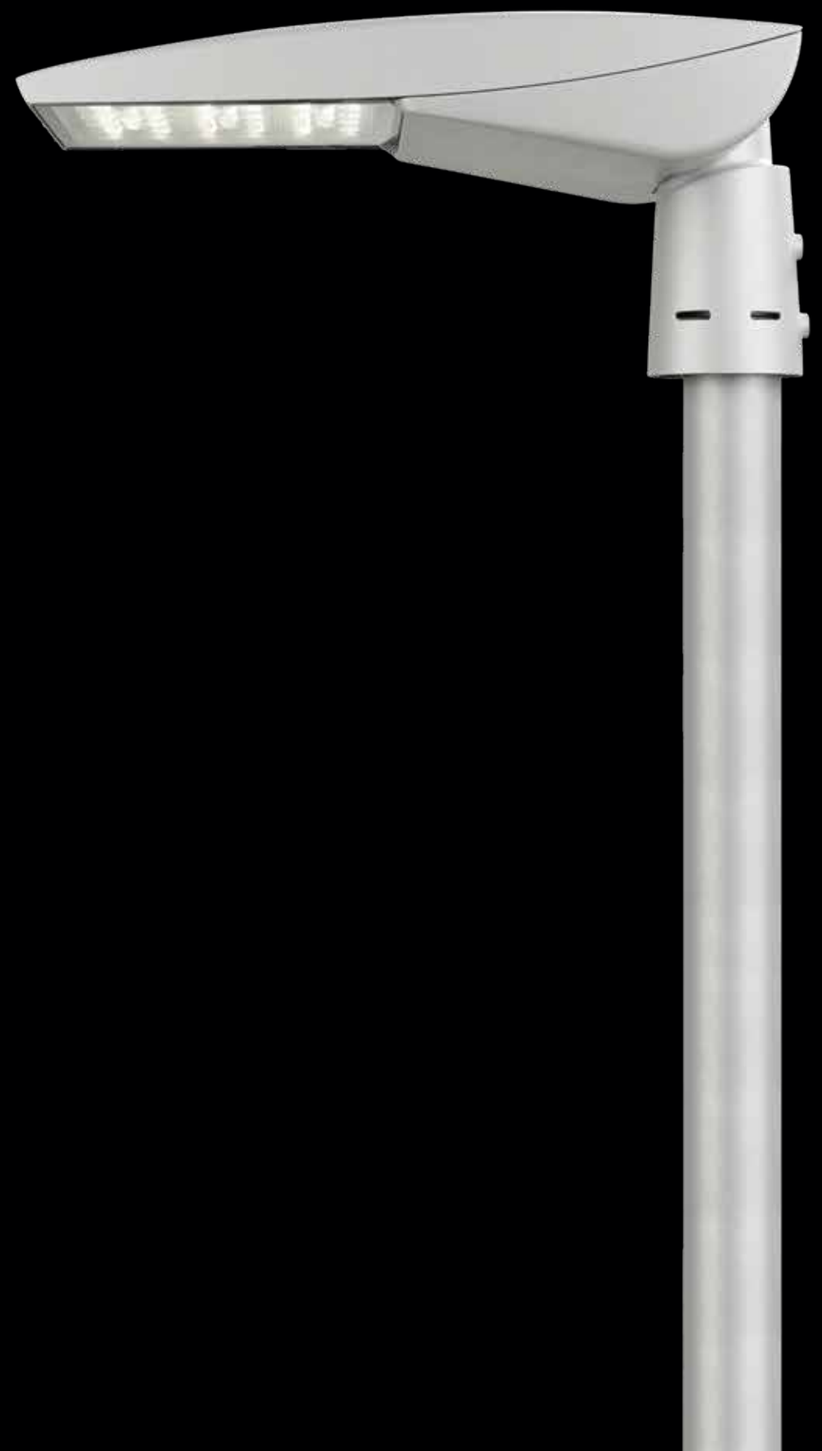


01AK968A0 - RAL9006
B59 - Braccio doppio con tirante per pali
Double arm with tensioning rod for poles

Ø60-76



KAI



Gamma di armature stradali altamente performante sia in termini di qualità della distribuzione luminosa che di efficienza energetica.

Range of highly performing street lighting both in terms of quality of light distribution and energy efficiency.

CESANO BOSCONE
Italy

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

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1885 - 20830 lm

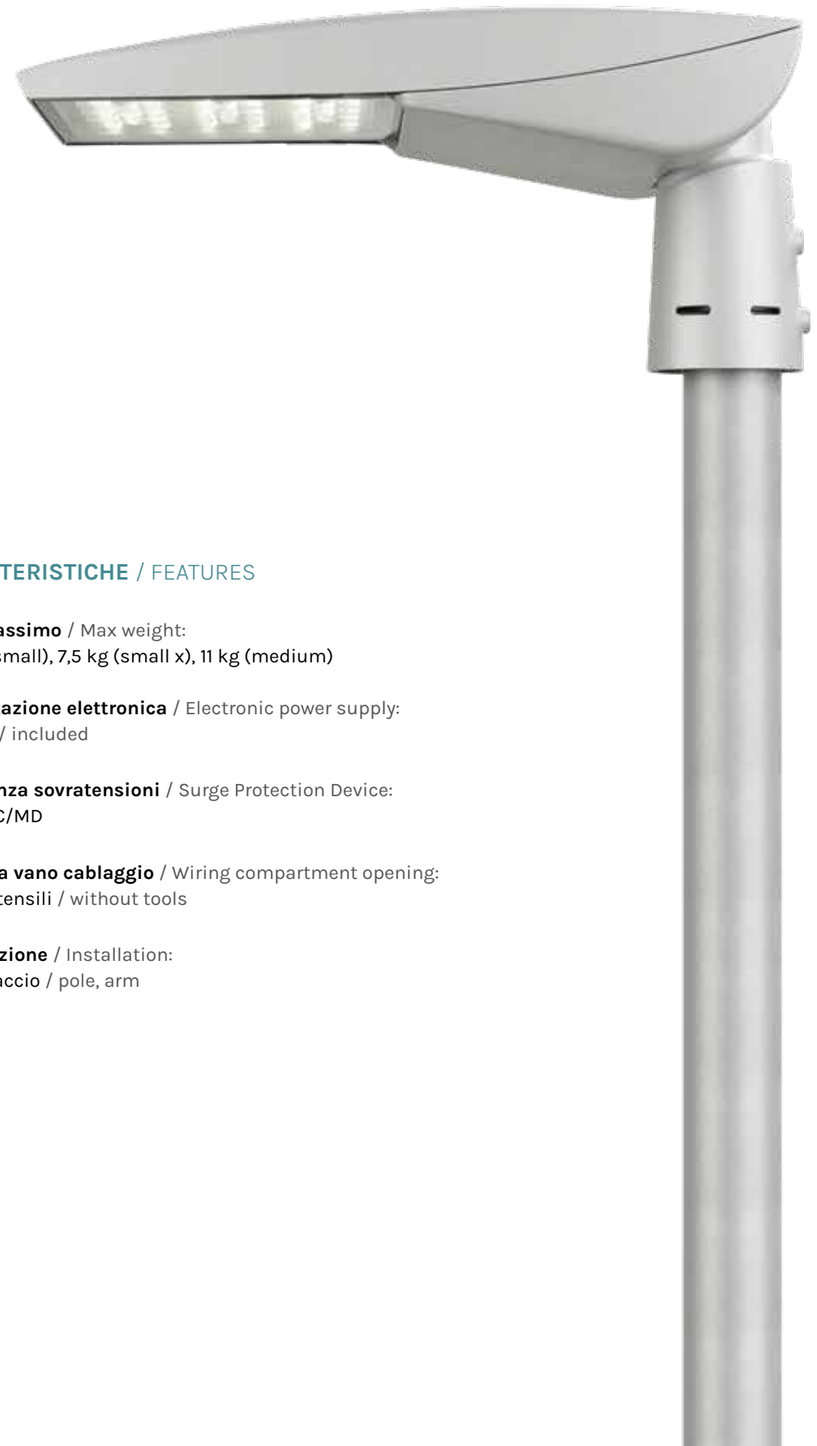
Potenza apparecchio / Fitting power:
13,5 - 154 W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 2200 K
- 3000 K
- 4000 K



MATERIALI / MATERIALS

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

Schermo / Screen:
vetro piano temprato / tempered flat glass

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

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

COLORI / COLOURS

- RAL9006

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
6,5 kg (small), 7,5 kg (small x), 11 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa / included

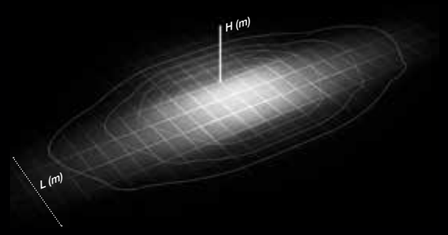
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Apertura vano cablaggio / Wiring compartment opening:
senza utensili / without tools

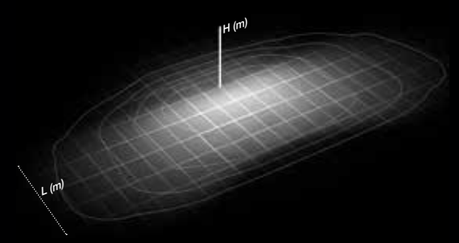
Installazione / Installation:
palo, braccio / pole, arm

OTTICHE / OPTICS

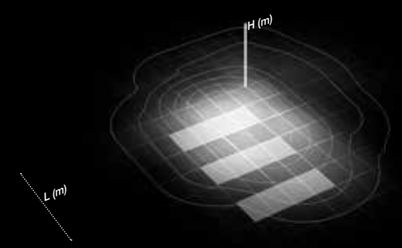
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



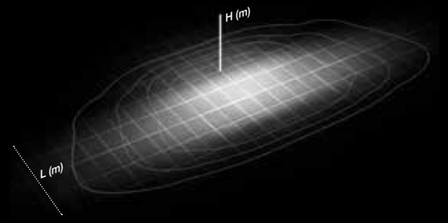
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



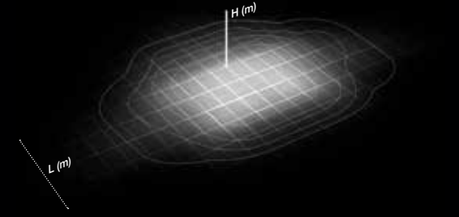
AP-01 DX - Attraversamenti pedonali
Pedestrian crossing



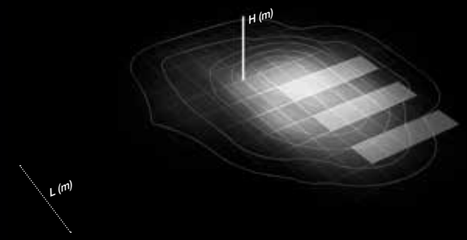
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



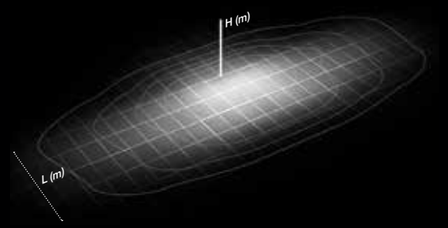
LT-05 Asimmetrica / Asymmetrical
L / H = 1,5



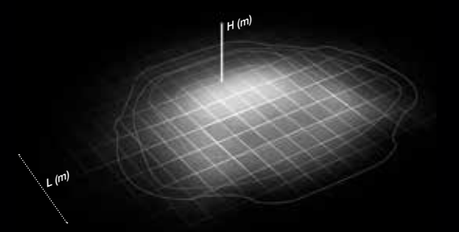
AP-01 SX - Attraversamenti pedonali
Pedestrian crossing



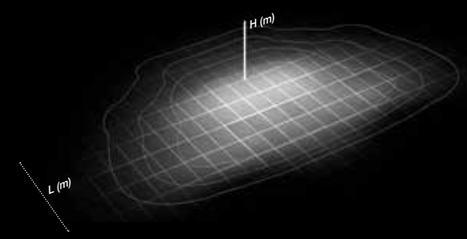
ME-02 Asimmetrica stradale / Street asymmetrical
L / H = 1,1



LT-06 Asimmetrica / Asymmetrical
L / H = 2



MB-01 Manto bagnato / Wet surface



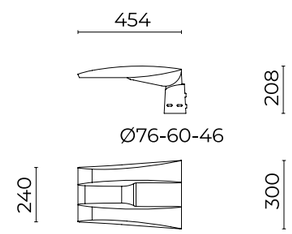
Kai
Palo / Pole

DATI TECNICI / TECHNICAL DATA

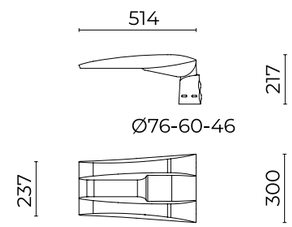
Installazione / Installation:
pali Ø 46 - 60 - 76 mm
poles Ø 46 - 60 - 76 mm

Inclinazione / Inclination:
0° ÷ 20° (con passo 5°)
0° ÷ 20° (step 5°)

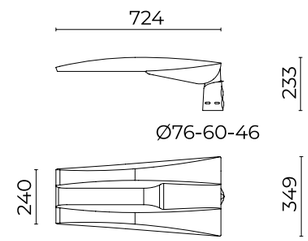
SMALL



SMALL X



MEDIUM



ARENDAL
Norway

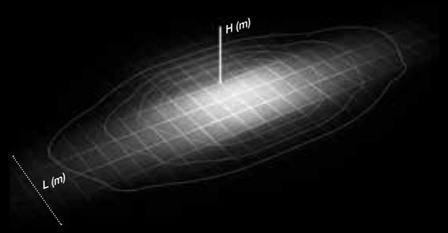
LONATO DEL GARDA
Italy

ROME
Italy

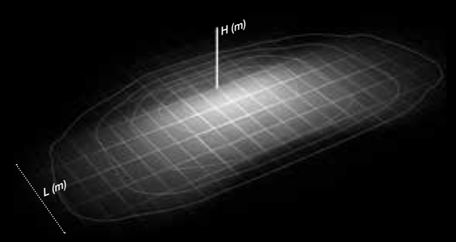
MONTEROSSO
Italy

OTTICHE / OPTICS

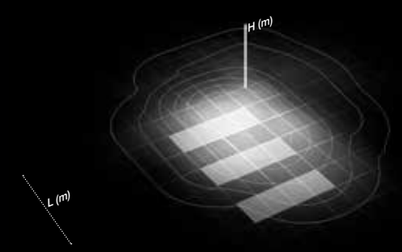
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



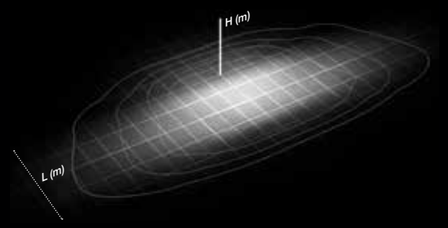
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



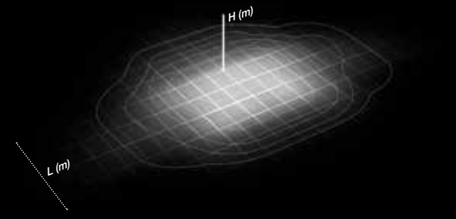
AP-01 DX - Attraversamenti pedonali
Pedestrian crossing



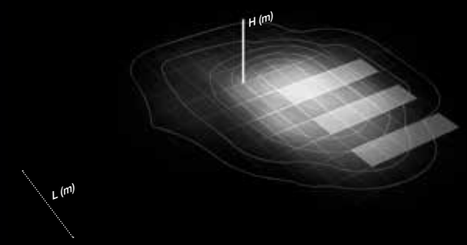
ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



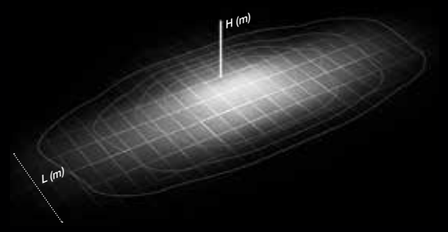
LT-05 Asimmetrica / Asymmetrical
L / H = 1,5



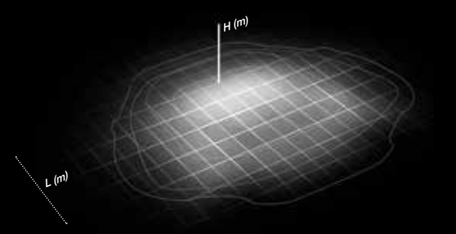
AP-01 SX - Attraversamenti pedonali
Pedestrian crossing



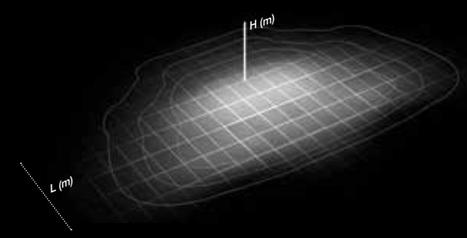
ME-02 Asimmetrica stradale / Street asymmetrical
L / H = 1,1



LT-06 Asimmetrica / Asymmetrical
L / H = 2



MB-01 Manto bagnato / Wet surface



Kai

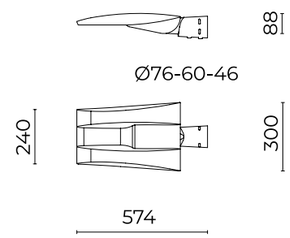
Braccio, Parete / Arm, Wall

DATI TECNICI / TECHNICAL DATA

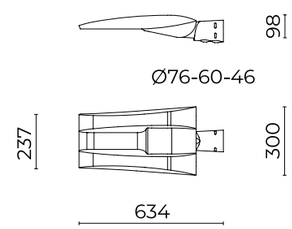
Installazione / Installation:
bracci Ø 46 - 60 - 76 mm
arms Ø 46 - 60 - 76 mm

Inclinazione / Inclination:
0° ÷ -20° (con passo 5°)
0° ÷ -20° (step 5°)

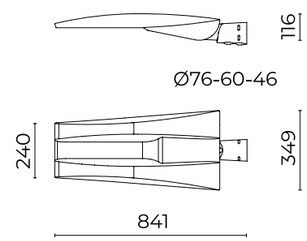
SMALL



SMALL X



MEDIUM

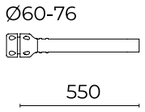


Kai

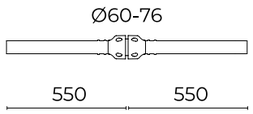
Braccio, Parete / Arm, Wall

BRACCI / ARMS

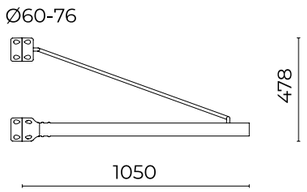
01AK921A0 - RAL 9006
B1 - Braccio per pali
Arm for poles



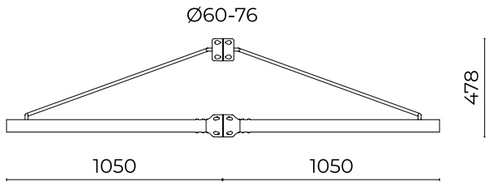
01AK922A0 - RAL 9006
B2 - Braccio doppio per pali
Double arm for poles



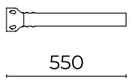
01AK969A0 - RAL 9006
B74 - Braccio con tirante per pali
Arm with tensioning rod for poles



01AK968A0 - RAL 9006
B59 - Braccio doppio con tirante per pali / Double arm with tensioning rod for poles



01AK951A0 - RAL 9006
B1-P - Braccio parete
Arm for wall



SAN CUGAT
Spain

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.

SUKOŠAN
Croatia

LECCO
Italy

CARONA
Italy

LICHTENSTEIG
Swiss

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

ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
1885 - 20830 lm

Potenza apparecchio / Fitting power:
13,5 - 154 W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 3000 K
- 4000 K

MATERIALI / MATERIALS

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

Schermo / Screen:
vetro piano temprato / tempered flat glass

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

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

COLORI / COLOURS

- RAL9006

CARATTERISTICHE / FEATURES

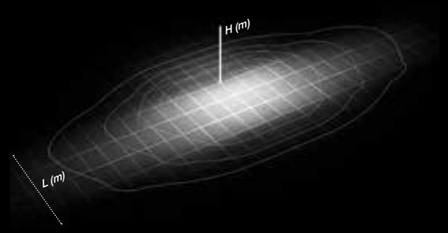
Peso massimo / Max weight:
6,5 kg (small), 8,5 kg (medium)

Alimentazione elettronica / Electronic power supply:
inclusa / included

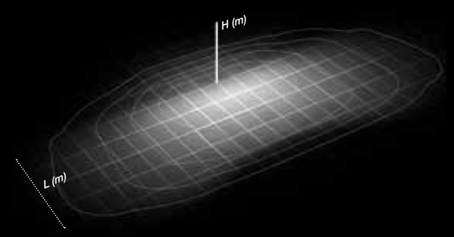
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Installazione / Installation:
palo, braccio / pole, arm

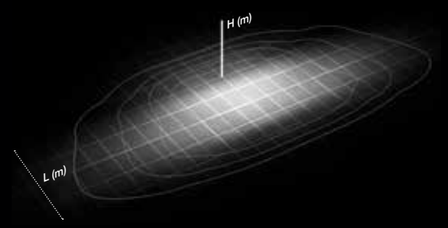
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



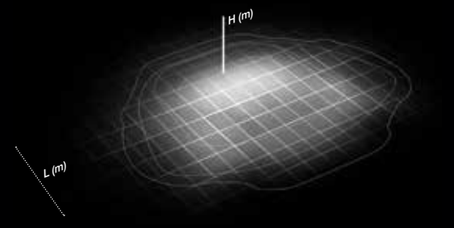
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



LT-06 Asimmetrica / Asymmetrical
L / H = 2



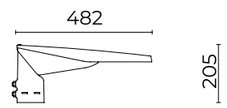
Kairos
Palo / Pole

DATI TECNICI / TECHNICAL DATA

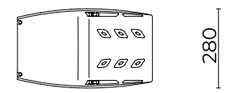
Installazione / Installation:
pali Ø 46 - 60 - 76 mm
poles Ø 46 - 60 - 76 mm

Inclinazione / Inclination:
0° ÷ 20° (con passo 5°)
0° ÷ 20° (step 5°)

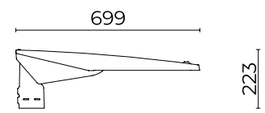
SMALL



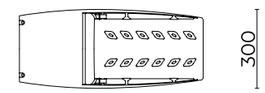
Ø46-60-76



MEDIUM

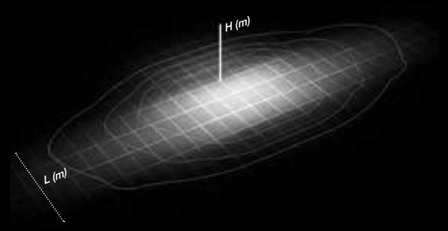


Ø46-60-76

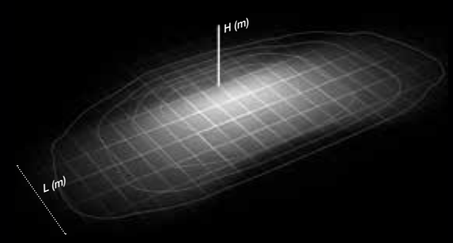


OTTICHE / OPTICS

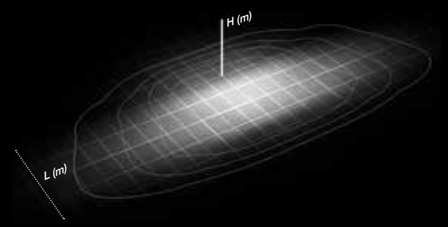
ST-01 Asimmetrica stradale / Street asymmetrical
L / H = 0,75



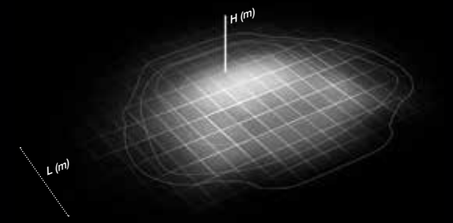
LA-01 Asimmetrica stradale / Street asymmetrical
L / H = 1,25



ME-01 Asimmetrica stradale / Street asymmetrical
L / H = 1



LT-06 Asimmetrica / Asymmetrical
L / H = 2



Kairos
Braccio - Parete / Arm - Wall

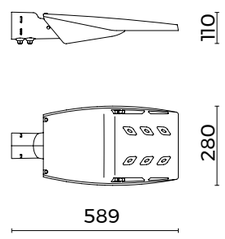
DATI TECNICI / TECHNICAL DATA

Installazione / Installation:
bracci Ø 46 - 60 - 76 mm
arms Ø 46 - 60 - 76 mm

Inclinazione / Inclination:
0° ÷ -20° (con passo 5°)
0° ÷ -20° (step 5°)

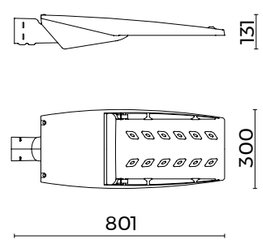
SMALL

Ø46-60-76



MEDIUM

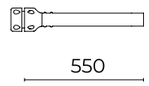
Ø46-60-76



BRACCI / ARMS

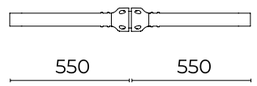
01AK921A0 - RAL9006
B1 - Braccio per pali
Arm for poles

Ø60-76

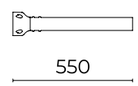


01AK922A0 - RAL9006
B2 - Braccio doppio per pali
Double arm for poles

Ø60-76

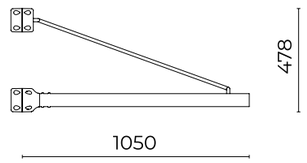


01AK951A0 - RAL9006
B1-P - Braccio parete
Arm for wall



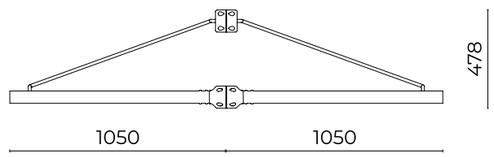
01AK969A0 - RAL9006
B74 - Braccio con tirante per pali
Arm with tensioning rod for poles

Ø60-76



01AK968A0 - RAL9006
B59 - Braccio doppio con tirante per pali
Double arm with tensioning rod for poles

Ø60-76



NEWTON

NEWTON è un proiettore altamente performante per l'illuminazione funzionale di grandi aree, impianti sportivi e superfici verticali.

NEWTON is the high-performance floodlight for functional lighting of large areas, sports facilities and vertical surfaces.

LA SPEZIA
Italy

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

CE ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
4815 - 20940 lm

Potenza apparecchio / Fitting power:
40 W - 154,5 W

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

Illuminazione intelligente / Smart lighting:
Su richiesta ZHAGA, DALI, CLO, PLC, telegestione wireless / On request ZHAGA, DALI, CLO, PLC, wireless telemanagement

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 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:
riflettori in policarbonato metallizzato ad alta efficienza
high-efficiency metallised polycarbonate reflectors

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:
9 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

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

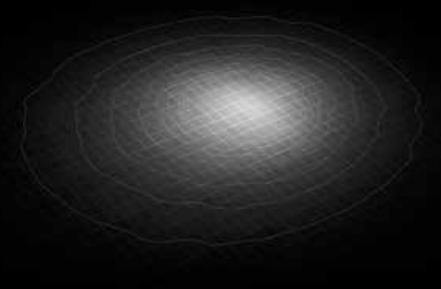
Installazione / Installation:
parete, soffitto, palo / wall, ceiling, pole

Orientabilità / Adjustability:
-90° ÷ +90° in regolazione continua
-90° ÷ +90° continuously

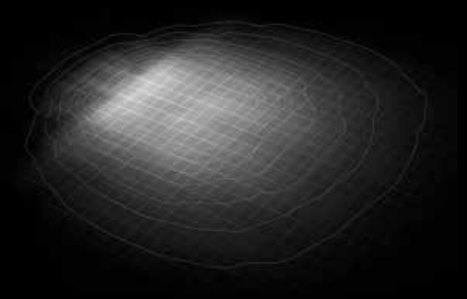
OTTICHE / OPTICS

S Simmetrica / Symmetrical

AS-D Asimmetrica diffondente
Asymmetrical wide-beam

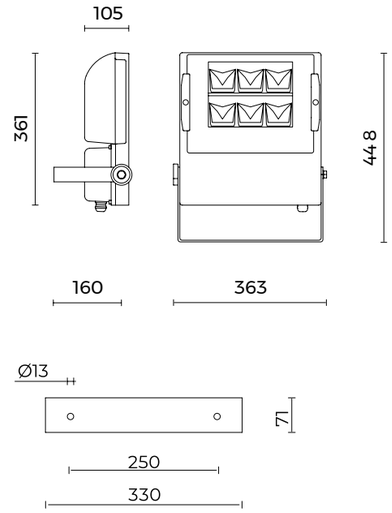


AS Asimettrica / Asymmetrical



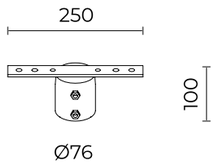
Newton

Parete, soffitto, palo / Wall, ceiling, pole

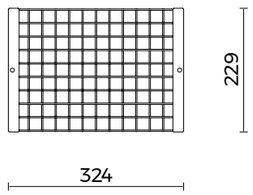


ACCESSORI / ACCESSORIES

06NW902C0
L14 - Kit testa palo per pali
Post top kit for poles



06NW901B0
Griglia nera RAL9005
Black RAL9005 grid



MILAN
Italy

BOLOGNA
Italy

M48 AREA FLOOD

M48 AREA FLOOD è un sistema modulare, flessibile e altamente performante per l'illuminazione di grandi aree, tunnel e impianti sportivi, sia interni che esterni.

M48 AREA FLOOD is a modular, flexible, high-performance system for lighting large areas, tunnels and sports facilities, both indoors and outdoors.

GENOVA
Italy

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

CE ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
14820 - 55200 lm

Potenza apparecchio / Fitting power:
102 - 418 W

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

Illuminazione intelligente / Smart lighting:
DALI

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 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%)

Fissaggio / Fastening:
staffa fissa in acciaio INOX AISI 316
steel bracket INOX AISI 316

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:
26 kg

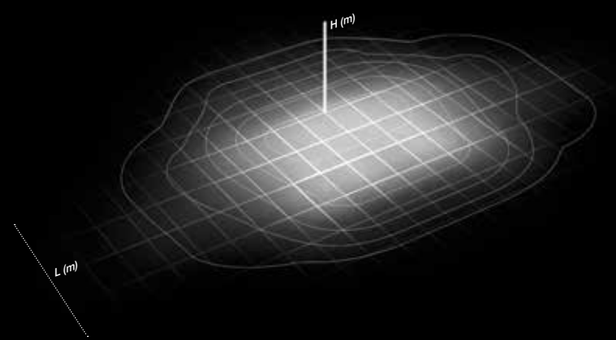
Alimentazione elettronica / Electronic power supply:
inclusa / included

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

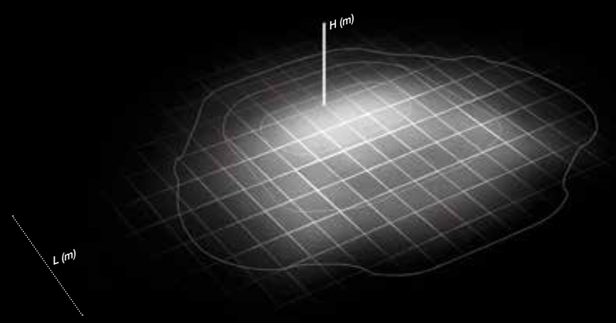
Installazione / Installation:
torre faro, soffitto / light tower, ceiling

OTTICHE / OPTICS

LT-05 Asimmetrica / Asymmetrical
L / H = 1,5

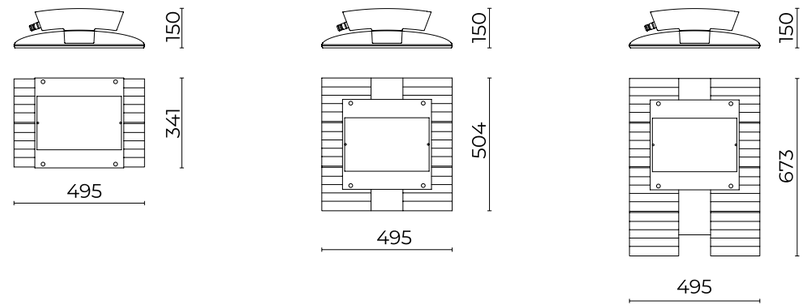


LT-06 Asimmetrica / Asymmetrical
L / H = 2



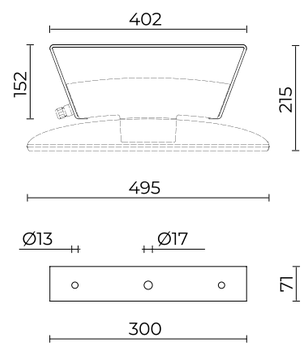
M48 Area Flood

Torre faro, soffitto / Light tower, ceiling

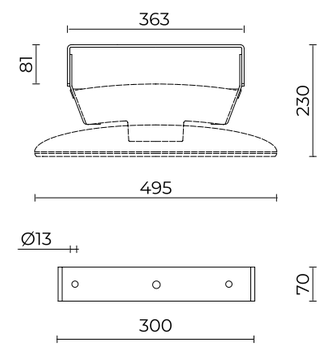


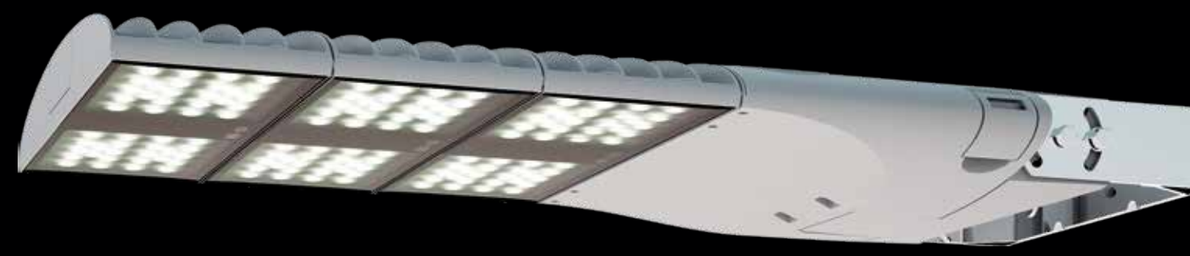
ACCESSORI / ACCESSORIES

06MQ902XX
Staffa di fissaggio INOX AISI 316 fissa
Fixed fixing bracket INOX AISI 316



06MQ904XX
Staffa di fissaggio INOX AISI 316 orientabile 5° - 10° - 15°
Adjustable fixing bracket
5° - 10° 15° INOX AISI 316





M48 FLOOD

M48 FLOOD è un sistema modulare, flessibile e altamente performante per l'illuminazione di grandi aree.

M48 Area FLOOD is a modular, flexible, high-performance system for lighting large areas.

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

CE ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
14820 - 41700 lm

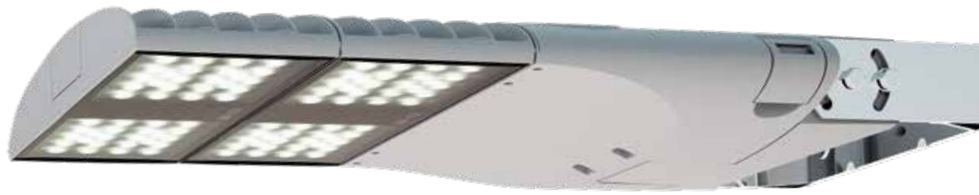
Potenza apparecchio / Fitting power:
102 - 308 W

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

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

TEMPERATURA COLORE
COLOUR TEMPERATURE

- 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%)

Fissaggio / Fastening:
staffa regolabile in acciaio INOX AISI 316
adjustable steel bracket INOX AISI 316

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:
25 kg

Alimentazione elettronica / Electronic power supply:
inclusa / included

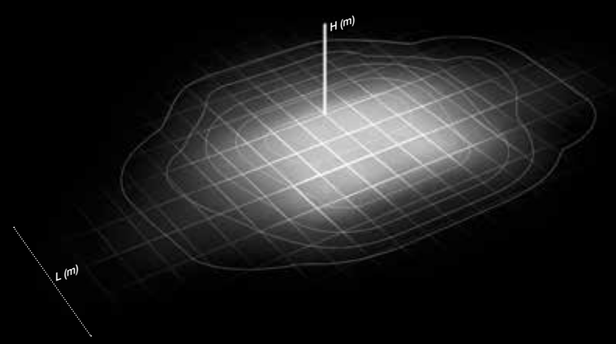
Resistenza sovratensioni / Surge Protection Device:
10 kV MC/MD

Apertura vano cablaggio / Wiring compartment opening:
senza utensili / without tools

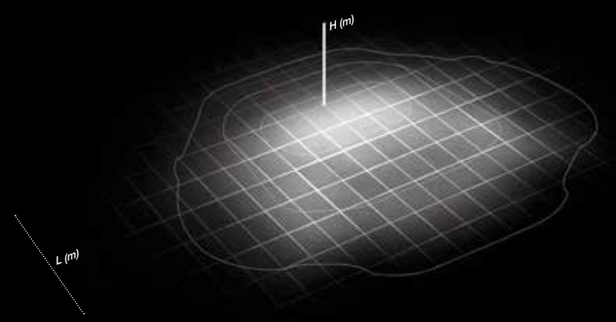
Installazione / Installation:
torre faro, parete / light tower, wall

OTTICHE / OPTICS

LT-05 Asimmetrica / Asymmetrical
L / H = 1,5

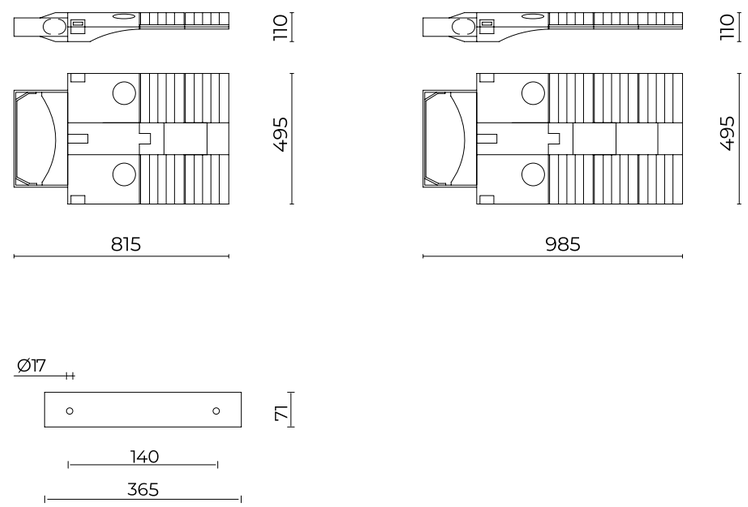


LT-06 Asimmetrica / Asymmetrical
L / H = 2



M48 Flood

Torre faro, parete / Light tower, wall



M48 AREA

M48 Area è un sistema modulare, flessibile e altamente performante per l'illuminazione di spazi industriali e commerciali.

M48 Area is a modular, flexible, high-performance system for lighting industrial and commercial spaces.

ELANCOURT
France

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

CE ROHS 03 NFC

DATI PRESTAZIONALI / PERFORMANCE DATA

Flusso apparecchio / Fitting flux:
7955 - 41700 lm

Potenza apparecchio / Fitting power:
51,5 - 308 W

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

Illuminazione intelligente / Smart lighting:
DALI. Su richiesta illuminazione d'emergenza
DALI. On request emergency lighting

TEMPERATURA COLORE
COLOUR TEMPERATURE

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%)

Fissaggio / Fastening:
staffa fissa in acciaio INOX AISI 316
fixed steel bracket INOX AISI 316

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

RAL9003

CARATTERISTICHE / FEATURES

Peso massimo / Max weight:
14 kg

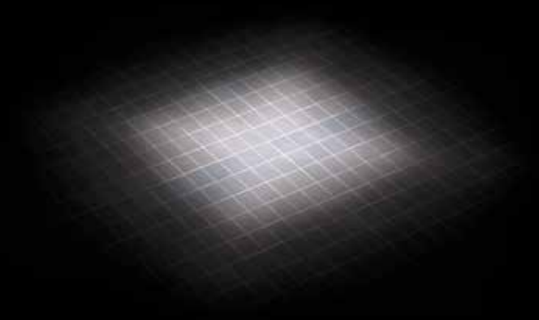
Alimentazione elettronica / Electronic power supply:
inclusa / included

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

Installazione / Installation:
soffitto / ceiling

OTTICHE / OPTICS

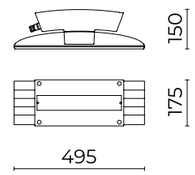
QU-D Quadrata diffondente / Square wide beam

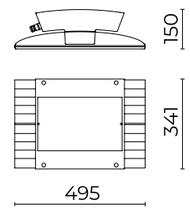


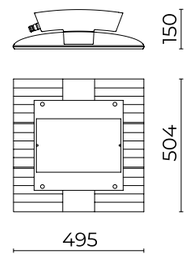
RE-AD Rettangolare asimmetrica diffondente
Rectangular asymmetrical wide beam

RE-C Rettangolare concentrante
Rectangular narrow beam

M48 Area
Soffitto / Ceiling

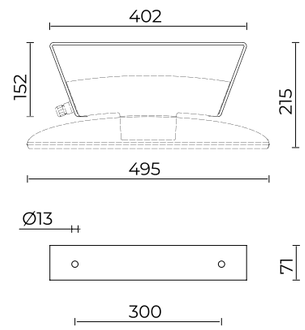




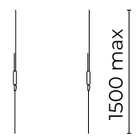


ACCESSORI / ACCESSORIES

06MQ900A - RAL9006
06MQ900D - RAL9003
Staffa di fissaggio a plafone
Ceiling fixing bracket



06MQ901J
Kit di sospensione a soffitto
Suspension kit ceiling-mounted



Notes

FSC
MIX
Paper
FSC® C011973