

2018

GENERAL CATALOGUE/CATALOGO GENERALE



**LIGHT. OUR PASSION
PROJECTS. OUR MISSION**



Castaldi Lighting was born in 1938, undergoing the difficult and exciting years of 20th century. The Company, for 80 years, has worked together with famous Architects and Designers, with major Companies in many key-projects in every Country. Numerous Castaldi Lighting products became icons, today still on display in the most important Design Museums in the world. A continuous effort, from the beginning, towards Product Innovation. Going from start-up to scale-up calls for celebration, but, more, it calls for forward thinking, because, without question, our greatest accomplishments still lie ahead of us. Today though, I am thinking much more about Castaldi Lighting's future than its past. I believe Lighting will evolve faster in the next 10 years than it ever has before; we already live in a multi-platform world where the integration among systems will be the normal in the future.

Castaldi Lighting already started this journey; **SLED®**, the innovative modular system, is already at the third stage of its evolution in less than 3 years and we continue to invest on this absolute concept to develop new directions. This is the example of this vocation that pervades the company since its inception.

A vocation inspired by and built around the technology which is the driving force, leading our actions, from the very first days. Castaldi Lighting pioneered, new methods, applications, techniques that enabled the Company to move into totally new areas of lighting technologies in outdoor as well as in indoor.

Light. Our Passion • Projects. Our Mission: this is the synthesis of the work we do every day and the Castaldi Lighting Strategy has been grounded on it over the time.

International and highly demanding Clients have always been our "reference system" to confirm the speed and to stay on course to further development. Our Clients are work with us every day; they inspire, they require, they check and assess what we deliver. Their Projects are our Projects, their goals are ours. We have accomplished a lot together during our first 80 years and empowered countless businesses and People to realize their projects. But what matters most now is what we do next.

Thank you for helping make Castaldi Lighting a fantastic Company now and for decades to come.

Castaldi Lighting nasce nel 1938, attraversando fino ad oggi gli anni più difficili ed esaltanti del XX secolo. L'azienda, durante questi 80 anni, ha collaborato con importanti Architetti e Designers, per le maggiori aziende, nello sviluppo di numerosi progetti chiave in tutto il Mondo. Numerosi prodotti Castaldi Lighting sono diventati delle icone, ancora oggi esposti nei principali musei di design del mondo. Uno continuo sforzo, sin dall'inizio, verso l'Innovazione del Prodotto. Ripercorrere l'evoluzione della nostra storia ci invita a festeggiare, ma, ancor di più, ci richiede lungimiranza, perché, senza dubbio, i nostri più grandi successi devono ancora avvenire.

Tuttavia oggi, sto pensando più al futuro di Castaldi Lighting che al suo passato.

Credo che il settore dell'illuminazione, nei prossimi 10 anni, si evolverà molto più velocemente rispetto a quanto successo prima; viviamo già in un mondo multi-piattaforma, e l'integrazione tra

SLED®, il nostro innovativo sistema modulare, in meno di tre anni, è già alla terzo stadio della sua evoluzione e noi continuiamo ad investire su questo concetto assoluto per sviluppare nuove soluzioni.

Questo è l'esempio della vocazione che pervade l'azienda sin dalla sua nascita. Una vocazione ispirata e costruita attorno alla tecnologia che è la forza trainante che guida le nostre azioni fin dagli albori. Castaldi Lighting ha aperto la strada a nuovi metodi, applicazioni e tecniche che hanno consentito all'azienda di muoversi verso confini totalmente nuovi della tecnologia dell'illuminazione sia per interni che per esterni.

Light. Our Passion • Projects. Our Mission: questa è la sintesi del lavoro che facciamo ogni giorno, ed è la strategia su cui Castaldi Lighting si è basata nel tempo.

Da sempre, per rimanere ai massimi livelli in velocità e sviluppo, ci basiamo su un target costituito da importanti Clienti, esigenti ed internazionali. I nostri clienti lavorano con noi ogni giorno; ispirano, richiedono, controllano e valutano ciò che sviluppiamo. I loro progetti sono i nostri progetti, i loro obiettivi sono i nostri obiettivi. Abbiamo compiuto molti sforzi insieme durante i nostri primi 80 anni permettendo ad innumerevoli aziende e persone di realizzare al meglio i loro progetti. Ma ciò che conta di più ora è ciò che faremo in futuro.

Grazie per aver contribuito a rendere Castaldi Lighting una fantastica azienda ora e per i decenni a venire.

Stefano Ferro
Chairman of Castaldi Lighting S.p.A.





GENERAL CATALOGUE 2018

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COMPANY PROFILE

CASTALDI LIGHTING was founded in 2011 from the merger between “Ing. **Castaldi Illuminazione**” and “**Norlight**”, two well-established companies in the lighting industry. These Companies had successfully acquired a prominent position respectively in the Outdoor and Indoor segments, with a particular focus on Office Buildings, Retailing, Public areas etc. and on Specialties applications (e.g. Pharma industry, Hospital, etc.).

Castaldi and Norlight products are the result of the continuous commitment towards Research & Development, Lighting Design, Quality Assurance and Control over production processes to accomplish also the most challenging requirements of “Custom made” productions.

The Company's production is made in Italy, in its facilities located north of Milano (Cassano Magnago). Thanks to its fully integrated production system and the in-house, product control and testing laboratories, Castaldi Lighting achieves the highest quality and performance standards.

Castaldi Lighting operates all over the world: exports 70% of its production with a significant presence in the USA, France, Scandinavia and the Middle East. In addition, the Company has always been very successful in “Custom made products” thanks its remarkable competence in developing high performing solutions for different requirements.

Castaldi Lighting cooperates with all the major international Architecture and Design firms and then its products are installed throughout the world in premier locations: in Abu Dhabi at the Ferrari World Park, in the Sky Tower Shams and at the Cleveland Clinics, at Westminster University in London, in Zaha Hadid's City Life residences in Milan, at the Italian Space Agency in Rome, at the Atelier Renault Champs-Élysées in Paris and in many other contemporary architectural sites.

***CASTALDI LIGHTING** nasce nel 2011 dalla fusione di **Ing. Castaldi Illuminazione** e **Norlight** due aziende storiche del settore illuminazione e che nel tempo sono riuscite a conquistare una solida e riconosciuta posizione rispettivamente nel segmento Outdoor (con il marchio Castaldi) e nel segmento Indoor (con il marchio Norlight) con particolare riferimento all'Office Building, alle aree pubbliche e alle applicazioni specialties (ad es. sistemi d'illuminazione per le clean rooms, sistemi per ospedali, ecc.).*

I prodotti Castaldi e Norlight sono il risultato del continuo impegno di Ricerca e Sviluppo, Lighting Design, della sezione dedicata al controllo dei processi produttivi e di Quality Assurance che consentono di soddisfare anche le richieste di prodotti “custom made” dei clienti più esigenti. L'Azienda produce esclusivamente in Italia, negli stabilimenti di Cassano Magnano, grazie al suo sistema produttivo totalmente integrato e ai laboratori interni di controllo e testing dei prodotti che consentono di sostenere gli standard più elevati.

Castaldi Lighting opera in tutto il mondo: esporta oltre il 70% della sua produzione con significative presenze in USA, Francia, Scandinavia e Medio Oriente. Inoltre, l'Azienda da sempre è fortemente attiva nel segmento dei prodotti custom made dove realizza quasi metà del suo fatturato.

I prodotti Castaldi Lighting sono installati in tutto il mondo nei luoghi più esclusivi e ricercati: ad Abu Dhabi nel Ferrari World Park, nella Sky Tower Shams e nella Cleveland Clinic, a Londra nell'Università Westminster, a Milano nelle Residenze City Life, a Roma nell'Agenzia Spaziale Italiana, a Parigi nell'Atelier Renault Champs-Élysées e in molti altri luoghi dell'architettura contemporanea.

NOTE DI PRODUZIONE

photo by / *foto di* Adriano Brusaferri









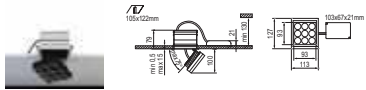
CATALOGUE TIPS

Suggerimenti per utilizzare il catalogo

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COATING: STANDARD COLOURS VERNICIATURA: COLORI STANDARD

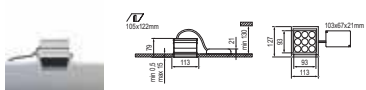
AXEL S9 1x adjustable - frame
CEILING RECESSED, SPOT LIGHTS
INCASSI SOFFITTO, PROIETTORI
SLED optical system with UV resistant PC lenses, Sistema ottico SLED con lenti in PC anti UV



AXEL S9 1x adjustable FR - complete with DALI driver
AXEL S9 1x orientabile FR - completo di driver DALI

Code	System Power	Beam	K	Output Flux	Kg
Color	Potenza Sistema	Angolo		Flusso luminoso	
2006-DN-9373	21W	NB	3000K CRI>90	1251 lm	0,9
2006-DN-4767	21W	NB	4000K CRI>90	1397 lm	0,9
2006-DN-9375	21W	SB	3000K CRI>90	1210 lm	0,9
2006-DN-4771	21W	SB	4000K CRI>90	1351 lm	0,9

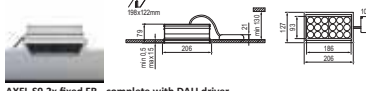
AXEL S9 1x - frame
CEILING RECESSED, DOWNLIGHTS
INCASSI SOFFITTO, DOWNLIGHTS
SLED optical system with UV resistant PC lenses, Sistema ottico SLED con lenti in PC anti UV



AXEL S9 1x fixed FR - complete with DALI driver
AXEL S9 1x fisso FR - completo di driver DALI

Code	System Power	Beam	K	Output Flux	Kg
Color	Potenza Sistema	Angolo		Flusso luminoso	
2016-DN-9377	21W	DK	3000K CRI>90	1226 lm	0,6
2016-DN-4775	21W	DK	4000K CRI>90	1370 lm	0,6
2016-DN-9379	21W	RR	3000K CRI>90	1183 lm	0,6
2016-DN-4779	21W	RR	4000K CRI>90	1321 lm	0,6
2016-DN-9399	21W	WS4	3000K CRI>90	1021 lm	0,6
2016-DN-4819	21W	WS4	4000K CRI>90	1140 lm	0,6

AXEL S9 2x - frame
CEILING RECESSED, DOWNLIGHTS
INCASSI SOFFITTO, DOWNLIGHTS
SLED optical system with UV resistant PC lenses, Sistema ottico SLED con lenti in PC anti UV



AXEL S9 2x fixed FR - complete with DALI driver
AXEL S9 2x fisso FR - completo di driver DALI

Code	System Power	Beam	K	Output Flux	Kg
Color	Potenza Sistema	Angolo		Flusso luminoso	
2018-DN-9665	43W	DK	3000K CRI>90	2451 lm	1,5
2018-DN-5351	43W	DK	4000K CRI>90	2738 lm	1,5
2018-DN-9667	43W	RR	3000K CRI>90	2366 lm	1,5
2018-DN-5355	43W	RR	4000K CRI>90	2642 lm	1,5
2018-DN-9687	43W	WS4	3000K CRI>90	2041 lm	1,5
2018-DN-5395	43W	WS4	4000K CRI>90	2279 lm	1,5

For further information, please visit / Per ulteriori informazioni visita www.sled-castaldilighting.com

STANDARD BASE
VARIANT VARIANTE

DN | embossed white RAL 9003
bianco goffrato RAL 9003
BE | matt black RAL 9005
nero opaco RAL 9005

Each product is offered in one standard colours and different variant colours.
No extra-charge is applied if you choose one colour indicated in the top of each product page.

Ogni prodotto viene proposto in un colore base e in differenti varianti.

*Non si applica **nessun sovrapprezzo** se il colore scelto è indicato in alto nella pagina di catalogo del prodotto.*

HOW TO CHANGE COLOUR IN THE PRODUCT CODE COME COMBIARE IL COLORE NEL CODICE

Colour is indicated in the product code by 2 alphabetical character.
To order product in different colour, please change colour desinence with the new one chosen.
Il colore è identificabile tramite la desinenza in lettere del codice stesso.
Per ordinare un articolo con colorazione diversa da quella proposta, è necessario sostituire nel codice la desinenza del colore proposto con quello desiderato.

CASTALDI LIGHTING

2002-DN-9265 → 2002-BE-9265
STANDARD Colour Colore BASE → VARIANT Colour Colore VARIANTE

CASTALDI

D58/C0-3LWN-NB-AL → D58/C0-3LWN-NB-GR
STANDARD Colour Colore BASE → VARIANT Colour Colore VARIANTE

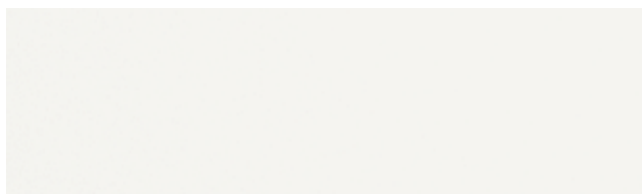
NORLIGHT

T15SL101AE → T15SL101CH
STANDARD Colour Colore BASE → VARIANT Colour Colore VARIANTE

To order products in a different colours not showed in each page, please contact our Technical Staff for feasibility and extra-charge.
Per ordinare prodotti con colorazioni diverse da quelli presenti in ogni pagina di prodotto, contattare il nostro Staff Tecnico per fattibilità e sovrapprezzo.

MAIN COLOURS CHART

TABELLA COLORI PRINCIPALI



DN

EMBOSSSED WHITE RAL 9003/
BIANCO GOFFRATO RAL 9003



AL

ALUMINIUM GREY/
GRIGIO ALLUMINIO



CO

CORTEN



GR

GRAPHITE SATIN FINISH/
GRAFITE SATINATO



BE

EMBOSSSED BLACK RAL 9005/
NERO RAL 9005 GOFFRATO



Castaldi Lighting is a trademark of Castaldi Lighting S.p.A.
Castaldi Lighting è un marchio di Castaldi Lighting S.p.A.

SLED + ADD-ON

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88	EIDOS
100	FREEDOM SLED
108	PLANO
116	REPLAY - REPLAY T15 - REPLAY T24
132	TACTO
142	USEPARTOUT





SLED SYSTEM OVERVIEW
PANORAMICA
SUL SISTEMA SLED

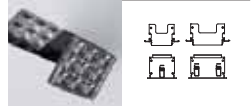
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CEILING RECESSED INCASSI SOFFITTO

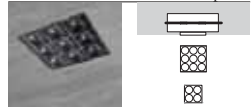
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WALL RECESSED INCASSI PARETE

AXEL CONCRETE p. 56

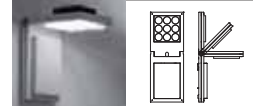


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WALL MOUNTED PARETE

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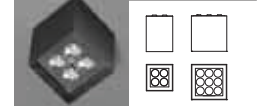


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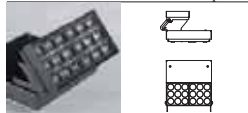
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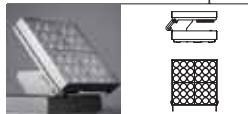
BE P1 p. 66



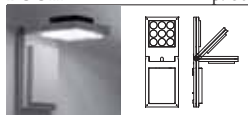
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BE P4 p. 66

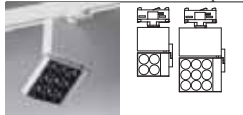


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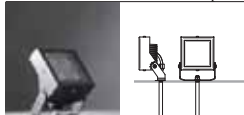
TRACK VERSION MONTAGGIO A BINARIO

EIDOS p. 88



GROUND MOUNTED TERRENO

BE P1 p. 66



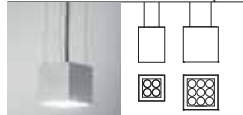
LOW POLE - BOLLARD PALI BASSI - BOLLARD

PLANO p. 108

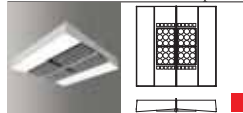


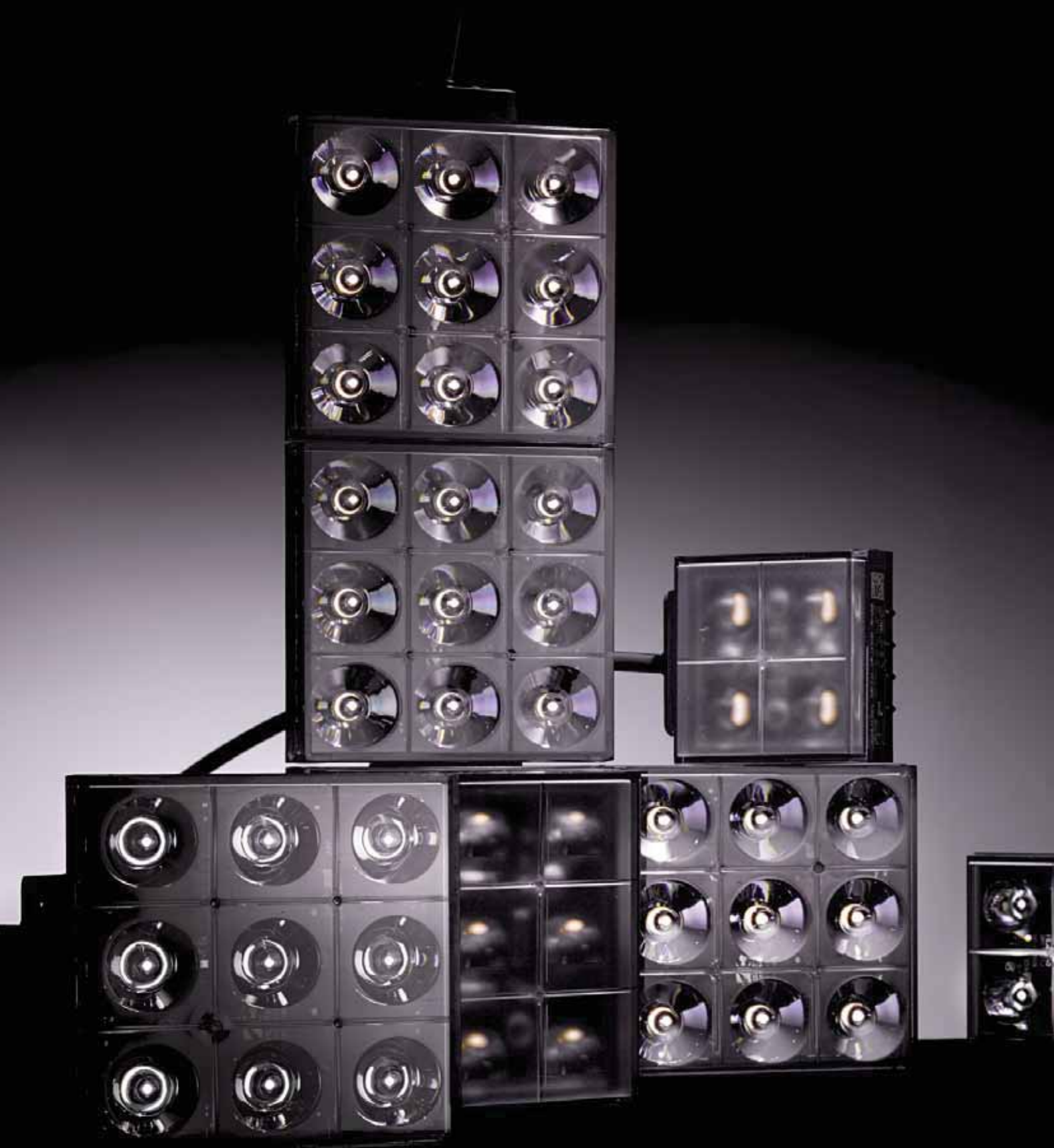
SUSPENDED SOSPENSIONI

AXEL C p. 60



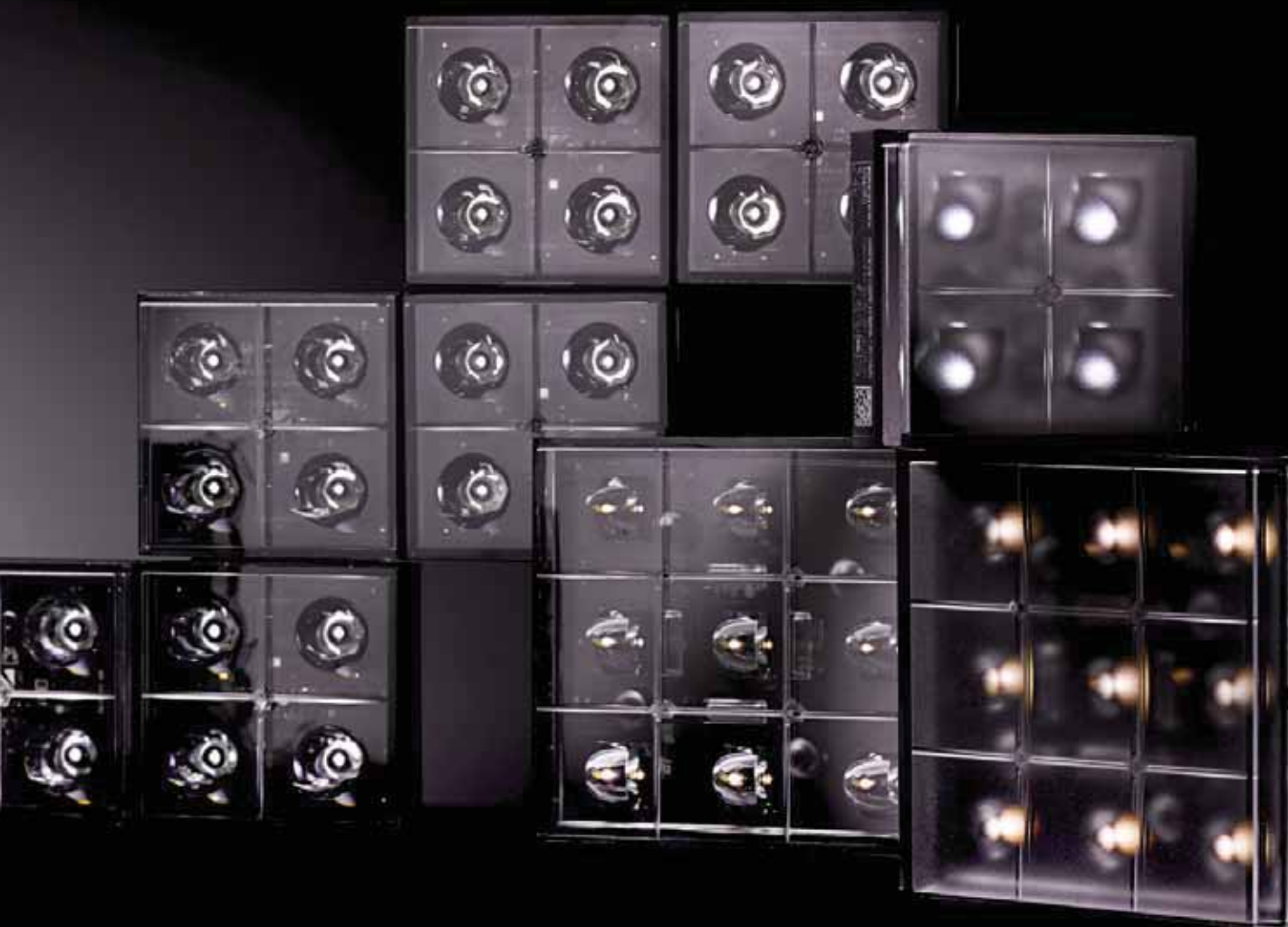
FREEDOM SLED p. 100

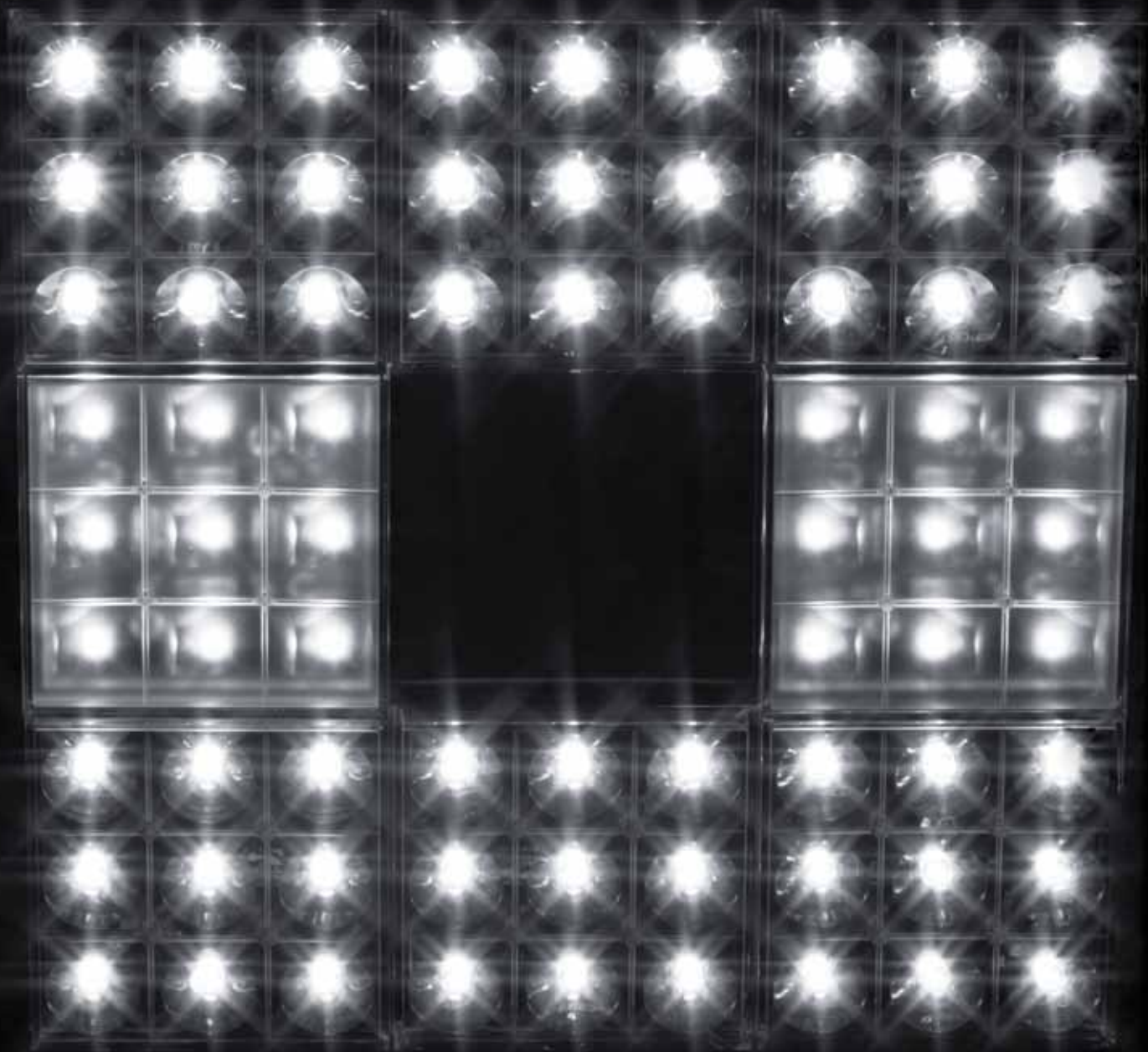




SLED

LIGHT EXPANDING DEVICE







LIGHT EXPANDING DEVICE

A MODULAR SYSTEM OFFERING THE FLEXIBILITY
TO SUIT ALL APPLICATIONS.

UN SISTEMA MODULARE CHE FA DELLA FLESSIBILITA'
LA RISPOSTA AD OGNI BISOGNO DI LUCE.

Every **SLED** module offers a range of light distributions, LED colours, wiring and dissipation. The patented connection system keeps the IP67 protection degree, creating solutions for both indoor and outdoor projects.

*Ogni singolo **SLED** integra tutti gli elementi necessari per creare la giusta luce: dissipazione, cablaggio, sorgenti LED, ottiche e tenuta stagna. Il sistema di connessione brevettato consente di realizzare infinite soluzioni di flusso e forma mantenendo il grado di protezione IP67, ideale per indoor e outdoor.*

MACADAM STEP 2

STANDARD ON ALL ADD-ONS **SLED**.
STANDARD SU TUTTI ADD-ONS **SLED**.

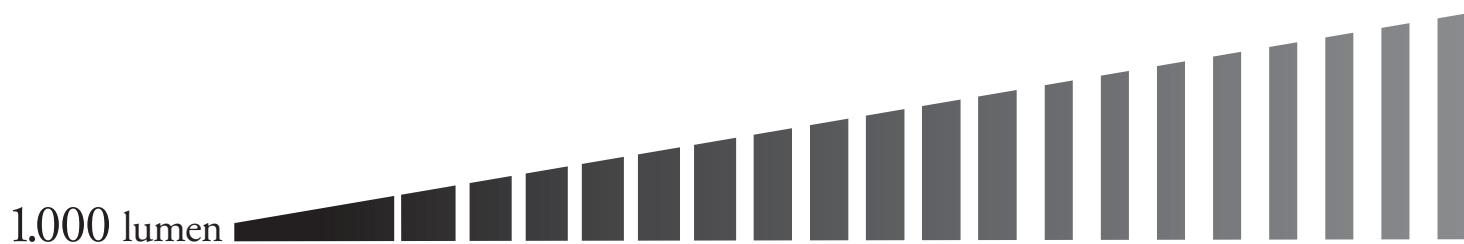


The **SLED** modular system (highly flexible) is available already equipped with many solutions for different applications. It is now updated in order to dictate the quality level on the market:

MacAdam Step 2 - The narrowest binning present on the market, LEDs selection guarantees total uniformity of the light colour in all modules.

*Il sistema modulare **SLED**, altamente flessibile e già completo di numerose soluzioni applicative, viene rinnovato con un incremento qualitativo ai massimi livelli del mercato:*

MacAdam Step 2 - il binning più ristretto sul mercato, la selezione dei LED garantisce l'uniformità totale del colore della luce in tutti i moduli.



1.000 lumen



2.000 lumen



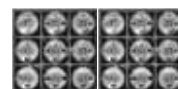
2.000 + 1.000 lumen



2.300 lumen



3.000 lumen



Examples of applications
Esempi di applicazione



- Office/*Uffici*
- Lobby/*Ingressi*
- Retail/*Punti vendita*

- Hallways/*Spazi d'accesso*
- Hospitality/*Ospitalità*
- Office & Building
Uffici & Interno edifici

- Retail/*Punti vendita*
- Exhibition areas
Spazi espositivi
- Museum/*Musei*

- Residential
Residenziale
- Wall effect
Effetti a parete
- Terraces/*Terrazze*

- Luxury environments
Spazi prestigiosi
- Garden/*Giardini*



18.000 lumen

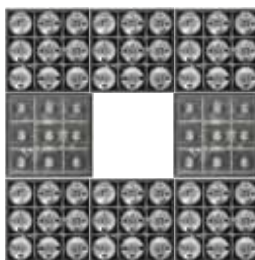
4.500 lumen



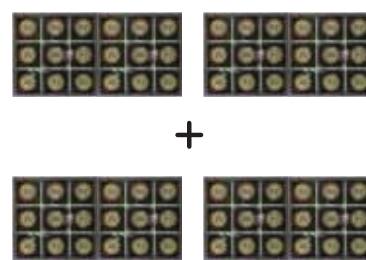
7.000 lumen



13.500 lumen



18.000 lumen



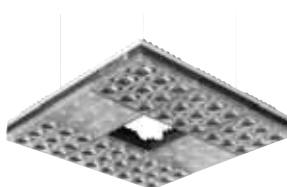
+



- Urban lighting
Spazi urbani
- Parking/*Parcheggi*
- Architectural lighting
Architetturale

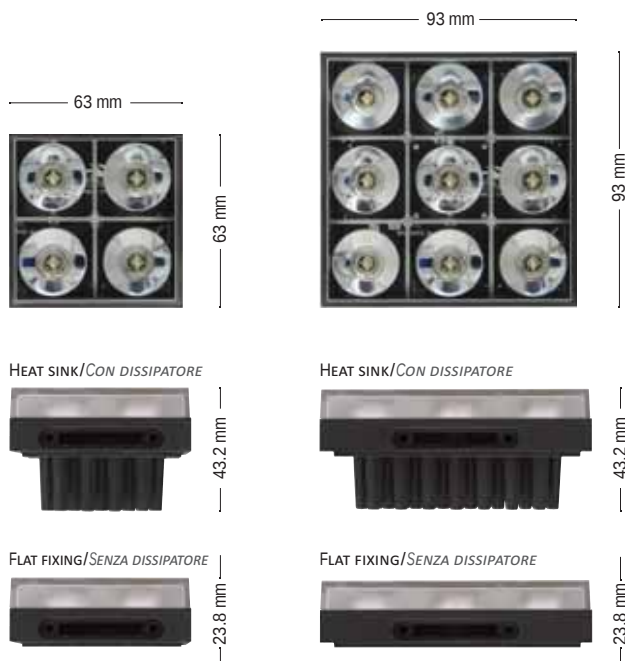


- Facades/*Facciate*
- Floodlighting
Luce proiettata
- Production area
Aree di produzione



- Retail/*Aree di vendita*
- Warehouses/*Aree Stoccaggio*

POWERFUL & COMPACT POTENTE & COMPATTO



MODULAR FITS INTO YOUR PROJECT MODULARE SI ADATTA AL TUO PROGETTO



SLED modularity makes you use only the flux necessary for the project.

With SLED it is easy to obtain lighting fittings that emit the right quantity of light flux as per project specifications. You can define the quantity of modules and the power input checking the operating temperature according to the environment and the application.

La modularità di SLED permette di utilizzare solo il flusso necessario al progetto.

Con SLED è facile ottenere apparecchi di illuminazione che emettono la giusta quantità di flusso luminoso secondo le specifiche di progetto, definendo la quantità di moduli e la corrente di alimentazione e verificando la temperatura di funzionamento a seconda dell'ambiente e dell'applicazione.

CRI>80		CRI>90		Dinamic White (*)	
3000K	4000K	3000K	4000K	2700K → 6500K	

The available light range includes three color temperatures, color rendering up to > 90, static white or dynamic white on request for color temperature changing.

La gamma delle tipologie di luce disponibili comprende tre temperature colore, resa cromatica fino a >90, bianco statico o a richiesta bianco dinamico per il cambio della temperatura colore.

(*) On request, minimum quantity to be approved
A richiesta, quantitativo minimo da approvare

IP67

FOR INDOOR AND OUTDOOR/PER INTERNI ED ESTERNI



The core of SLED system is the innovative patented connection which allows the electrical connection between the lighting modules maintaining the visual continuity between the screens. The connector is designed to be irreversible so to guarantee its characteristics over time, the assembly is made by Castaldi Lighting or by qualified Partners with equipments which guarantee the alignment of the modules SLED range has, further to the invisible connector, also extension cords and cables with input plugs.

Il cuore del sistema SLED è l'innovativa connessione brevettata che consente di collegare elettricamente i moduli luminosi mantenendo la continuità visiva tra gli schermi. Il connettore è progettato per essere irreversibile e garantire così le sue caratteristiche nel tempo, l'assemblaggio viene effettuato da Castaldi Lighting o da Partners abilitati, con attrezzature che garantiscono l'allineamento dei moduli. La gamma SLED prevede oltre al connettore invisibile anche prolunghe e cavi con spina di ingresso.



The clusters obtainable using SLED modules have a very high protection degree against dust and water, up to IP67. The modules are fixed to suitable structures in order to ensure the rigidity and the fix position and they are assembled by qualified personnel in controlled environments which are in compliance with the electronic industrial activities standards.

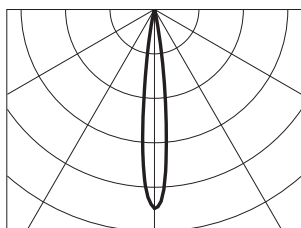
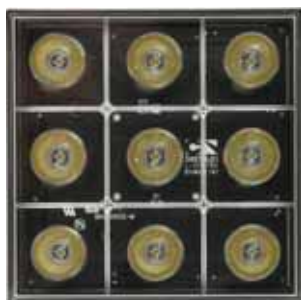
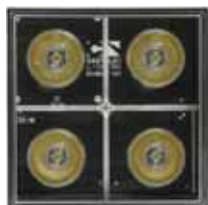
I clusters ottenibili con i moduli SLED hanno un grado di protezione a polvere e acqua molto elevato, fino a IP67. Per assicurare la tenuta i moduli vengono fissati su strutture idonee a garantirne la rigidità e la posizione, vengono assemblati da personale qualificato in ambienti ad atmosfera controllata e conformi alle regole delle attività industriali di tipo elettronico.

PATENTED CONNECTOR • **IP67** • PATENTED CONNECTOR

FULL RANGE: LIGHT EMISSION FOR ANY APPLICATION

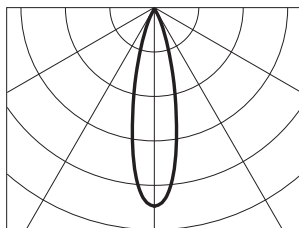
COMPLETO: OTTICHE PER OGNI APPLICAZIONE

NB
NARROW BEAM
FASCIO STRETTO



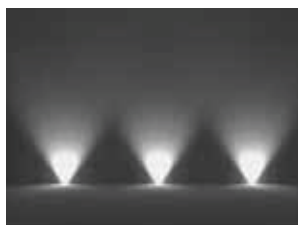
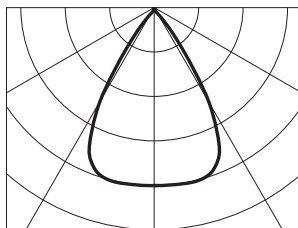
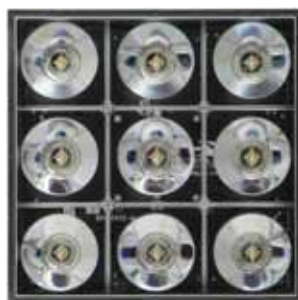
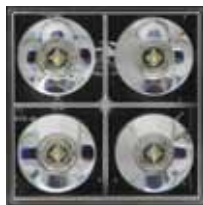
Rotosymmetric narrow beam with 12° opening for accent lighting over long distances and for the grazing light of narrow columns.
Fascio rotosimmetrico stretto con 12° di apertura per l'illuminazione d'accento sulle grandi distanze e per l'illuminazione radente di colonne strette.

SB
SPOT BEAM
FASCIO SPOT



Rotosymmetric spot beam with 26° opening for accent lighting on small distances and grazing wall light.
Fascio rotosimmetrico con 26° di apertura per l'illuminazione d'accento sulle ridotte distanze e per effetti luminosi verticali radenti a parete.

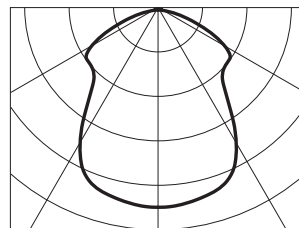
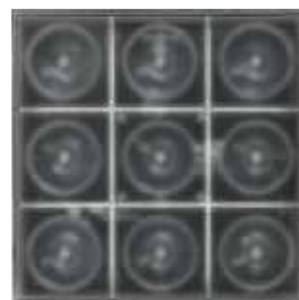
DK
DARK



Rotosymmetric beam with 60° opening suitable for office lighting with video terminal workstations. It can also be used for wall effects and light projection.
Fascio rotosimmetrico con apertura 60° conforme all'uso in ambienti con presenza di videoterminali. Utilizzabile anche per effetto a muro e illuminazione a proiezione

η 100%
UGR τ < 19
UGR L < 19
beam - apertura fascio
30+30

RR
DIFFUSED ROTOSYMMETRIC
ROTSIMMETRICO DIFFUSO



Rotosymmetric diffused beam for general lighting in large areas, low height installations, and indirect lighting.
Fascio rotosimmetrico diffuso per l'illuminazione generale di grandi aree, per altezze ridotte e per l'illuminazione indiretta.



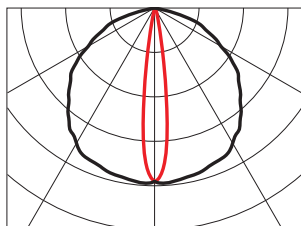
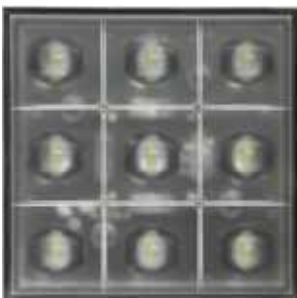
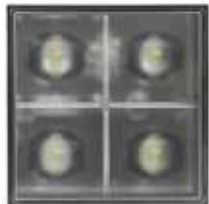
FE

FULL EFFECT / EFFETTO TOTALE

Also available **FE** Full Effect opal version with uniform emission.

Disponibile anche in versione opal **FE** Full Effect con emissione uniforme.

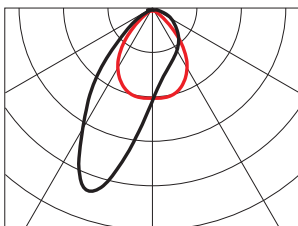
OV OVAL OVALE



Oval beam for diffused grazing light, for niches and windows contouring, and for the longitudinal lighting of corridors.

Fascio ovale per illuminazione radente diffusa, di contorno per nicchie e finestre, e per l'illuminazione longitudinale di corridoi.

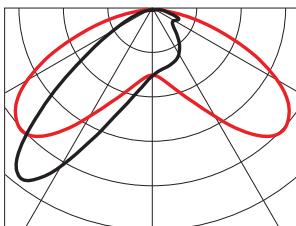
WS WALL WASHER



Oriented beam for wall washing and ground lighting, designed for uniform illumination of the surface perpendicular to the light.

Fascio orientato per il lavaggio di pareti e illuminazione del terreno, studiata per l'illuminazione uniforme della superficie perpendicolare a quella luminosa.

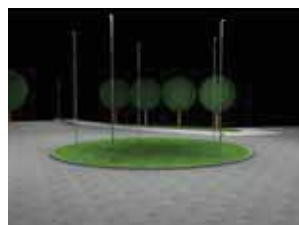
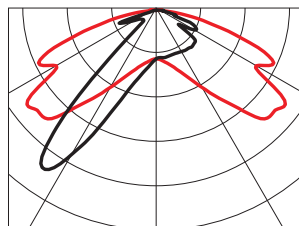
AS ASYMMETRIC ASIMMETRICO



Asymmetrical beam for parks and parking lots lighting and asymmetrical projection on facades, designed for uniform illumination of the surface parallel to the light.

Fascio asimmetrico per l'illuminazione di aree tipo parchi e parcheggi e per proiezione asimmetrica su facciate, studiata per l'illuminazione uniforme della superficie parallela a quella luminosa.

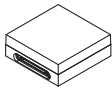
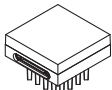
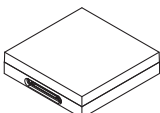
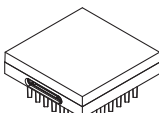
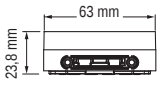
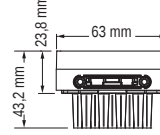
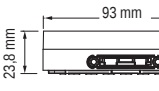
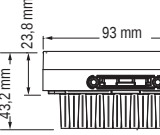
RA ROAD ASYMMETRIC STRADALE ASIMMETRICO



Road asymmetrical beam for medium height installations.

Fascio asimmetrico stradale per installazione a medie altezze.

Characteristics / Caratteristiche

				
Versions / Versioni	   			
INSTALLATION AREAS / INSTALLAZIONE	Indoor - Outdoor / Esterno - Interno			
STANDARD COLOURS / COLORI STANDARD	Anthracite grey / Grigio antracite			
Construction / Costruzione				
INSTALLATION TYPE TIPO DI INSTALLAZIONE	4 stainless steel self-threading screws Ø 2,9mm, length: structure thickness +5mm 4 viti autofilettanti in acciaio inox Ø 2,9mm, lunghezza spessore struttura +5mm			
HOUSING CORPO	Anodized corrosion resistant die-cast aluminium construction Alluminio pressofuso anodizzato resistente alla corrosione			
CLOSURE / CHIUSURA	Flexible UV curing sealing / Sigillante a polimerizzazione UV flessibile			
Dimensions / Dimensioni	   			
WEIGHT / PESO	100 g	140 g	280 g	400 g
CERTIFICATIONS NORME E DIRETTIVE	EN 62031-2009; EN 62031-2013			
OPTICAL SYSTEM SISTEMI OTTICI	UV - resistant injection moulded screen with integrated lenses. Material: PC or PC with antiscratch treatment. Schermo stampato a iniezione con lenti integrate resistente agli UV. Materiale: PC o PC con trattamento antigraffio.			
Electrical Parti elettriche				
POWER SUPPLY / DRIVER	Electronic (remote, not included) constant current / Elettronico (remoto, non incluso) corrente costante			
WIRING / CABLAGGIO	To be wired with SLED patented connectors IP67 / Da cablare con i connettori brevettati SLED IP67			
Lamps / Lampade				
SOURCE TYPE / TIPO DI SORGENTE	High Power LEDs / LEDS alta potenza (MacAdams 2 - LM80)			
SOURCE TEMPERATURE COLOUR TEMPERATURA COLORE	CRI >80 3000K - 4000K CRI >90 3000K - 4000K (***) Dynamic White (2700K → 6500K)			
OPERATING TEMPERATURE (°C) TEMPERATURA OPERATIVA (°C)	-20 / +40	-20 / +50	-20 / +40	-20 / +50
ENERGY CLASSIFICATION CLASSE ENERGETICA	A++			
POWER (*) / POTENZA (*)	350mA Ta=25° C			
OUTPUT FLUX - 4000K (LM) (**)	3,9 W	3,9 W	8,8 W	8,8 W
EFFICIENCY / EFFICIENZA 4000K (LM/W) (**)	580 lm	580 lm	1300 lm	1300 lm
	150 lm/W	150 lm/W	150 lm/W	150 lm/W
POWER (*) / POTENZA (*)	700mA Ta=25° C			
OUTPUT FLUX - 4000K (LM) (**)		8,2 W		18,5 W
		1030		2300
EFFICIENCY / EFFICIENZA 4000K (LM/W) (**)		125 lm/W		125 lm/W

(*) Typical value using constant current power supply a full load - (**) Value considering PC optical cover - (***) On request, minimum quantity to be approved
 (*) Valore tipico usando constant current driver a pieno carico - (**) Valore tipico considerando ottica in PC - (***) A richiesta, quantitativo minimo da approvare

QUALITY QUALITÀ'



Using the SLED platform on the whole project allows you to control the main key-factors within the lighting quality: the very high binning (2stepMacAdam) across the entire LED selection and a great device lifetime of L80B10 at 25°, which exploit a ceramic base chip with high dissipating capacity.

Il valore di usare la piattaforma SLED in tutto il progetto consente di controllare due fattori chiave per la qualità dell'illuminazione: l'altissima uniformità del binning (2stepMacAdam) su tutta la selezione LED e un'ottima lifetime con indice di L80B10 a 25° ambiente, che sfrutta chip a base ceramica con elevata capacità dissipante

ONLY THE NEEDED FLUX SOLO IL FLUSSO RICHIESTO



Modularity means also energy saving: the light can be sized, selecting quantity of modules and power supply, to obtain the quantity of light necessary for the project, thus reducing any surplus consumption.

La modularità è anche risparmio energetico: i punti luce possono essere dimensionati, in quantità di moduli e corrente di alimentazione, per generare la quantità esatta di luce necessaria al progetto, riducendo la potenza consumata in eccesso.

The high performance of sources and optical covers, the wide offer of beams and the possibility to combine them, allows the exploitation of the emitted flux at its best optimizing the energy consumption.

L'alta performance di sorgenti e ottiche, l'ampia offerta di fasci luminosi e la possibilità di combinarli consentono di sfruttare al massimo il flusso emesso ottimizzando l'energia utilizzata.

COMPACTNESS COMPATTEZZA



SLED is compact and allows the creation of products that are less invasive than those on the market having the same power. The lighting device is more discreet: architecture is leading.

SLED è compatto e permette di creare prodotti meno invasivi di quelli presenti sul mercato a parità di potenza, la presenza dei corpi illuminanti rimane più discreta: l'architettura è la vera protagonista.



ADD-ONS



ADD-ONS:

SOLUTIONS TO USE SLED IN ANY KIND OF CONTEXT,
INDOOR AND OUTDOOR.

SOLUZIONI PER UTILIZZARE SLED IN OGNI CONTESTO,
IN INDOOR E OUTDOOR.

ADD-ONS + SLED

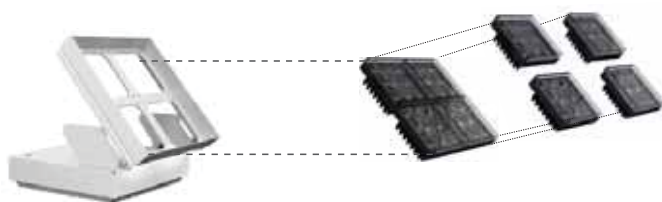
HOUSING/STRUTTURA

CLUSTER



DOWNLIGHTS
SPOT LIGHT
CEILING RECESSED
WALL RECESSED
CEILING
SUSPENDED
FARETTI
PROIETTORE
INCASSI SOFFITTO
INCASSI PARETE
PLAFONE
SOSPENSIONE

AXEL



WALL WASHER
SPOT LIGHT
CEILING
WALL MOUNTED
WALL WASHER
PROIETTORE
PLAFONE
PARETE

BE



WALL WASHER
SPOT LIGHT
WALL MOUNTED
WALL WASHER
PROIETTORE
PARETE

BOOK

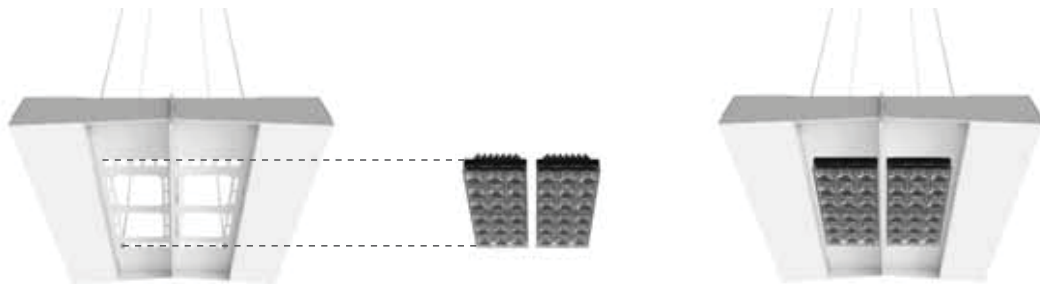


TRACK VERSION
MONTAGGIO A BINARIO

EIDOS

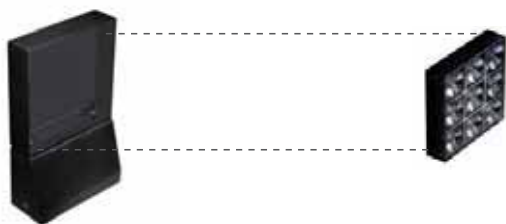
ADD-ONS are developed by Castaldi Lighting and specially designed on Sled, to exploit completely the potential of SLED providing designers and architects high performance and flexible solutions.

***Gli ADD-ONS sono prodotti sviluppati da Castaldi Lighting disegnati appositamente su SLED,** essi permettono di sfruttare appieno le potenzialità di Sled fornendo ai progettisti e architetti soluzioni altamente performanti e flessibili.*



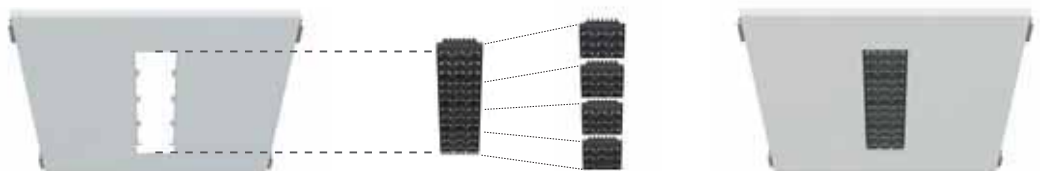
SUSPENSION
SOSPENSIONE

FREEDOM SLED



LOW POLE/BOLLARD
WALL MOUNTED
CEILING
COVE LIGHTING
WINDOW EDGE EFFECT
PALI BASSI/BOLLARD
PARETE
PLAFONE
APPOGGIO
EFFETTO BORDO FINESTRA

PLANO



CEILING RECESSED
INCASSO SOFFITTO

REPLAY



WALL RECESSED
DOWNLIGHTS
INCASSI PARETE
FARETTI

TACTO



WALL RECESSED
CEILING RECESSED
WALL MOUNTED
CEILING
DOWNLIGHTS
INCASSI PARETE
INCASSI SOFFITTO
MONTAGGIO PARETE
PLAFONE
PROIETTORE

USEPARTOUT



Photo: Anzini Stefano

AXEL



AXEL

System Overview

AXEL is more than one product, it's a family which can give an answer to almost any lighting demand for a wide scala of projects, from residential to hotels, restaurants, retail and many more.

AXEL è molto più di un singolo prodotto, è un'intera famiglia di soluzioni per qualsiasi esigenza di illuminazione, per un'ampia gamma di progetti, dalle aree residenziali agli alberghi, passando per ristoranti, negozi e tanti altri.

INDOOR

AXEL S RECESSED/ INCASSI

Fixed & Adjustable Downlight
Gamma di downlight fissi e orientabili

AXEL S4 ADJ



AXEL S9 ADJ



AXEL S4 FXD 1x



AXEL S9 FXD 1x



AXEL S4 FXD 2x



AXEL S9 FXD 2x



AXEL OS RECESSED/ INCASSI

Flexibility at the highest level
Flessibilità ai massimi livelli

Optic Unit ADJ 1x



Optic Unit FXD 2x



Stand Alone 3x



Linear Structural Modules
Moduli Strutturali lineari



Blind Panels
Modulo cieco



AXEL S4
1x ADJ + 2x FXD



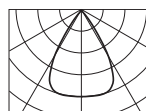
AXEL S4
Linear Configuration
Configurazioni Lineari



SPOT BEAM



DARK



Range shared plus - Plus comuni all'intera gamma

- 3000K - 4000K CRI>90 MacAdams Step 2
- Lifetime 50.000h L80 B10 (Ta=25°C)
- Easy Clip System
- Future-proof modular system
just a few steps required to replace LED module.
*Sistema modulare a prova di futuro
modulo LED sostituibile in poche operazioni.*

INDOOR & OUTDOOR IP54

AXEL C

CEILING MOUNTING/ SUSPENDED - MONTAGGIO A PLAFONE/SOSPENSIONE

The surface mounting alternative
L'alternativa del montaggio a plafone

AXEL C4

AXEL C9



AXEL C4 IP54

AXEL C9 IP54



Ceiling Mounted
Montaggio a plafone



Suspended/ *Sospensione*
(with accessories/ *con accessori*)



AXEL CONCRETE

WALL/CEILING RECESSED - PARETE/INCASSI SOFFITTO

Elegant blend of indoor and outdoor lighting
Elegante unione luminosa fra interni ed esterni

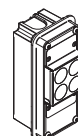
Optic Unit S4 IP54



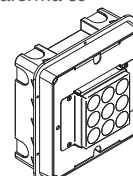
Optic Unit S9 IP54



Rough-In Housing S4
Cassaforma S4



Rough-In Housing S9
Cassaforma S9



AXEL S AXEL OS



Tipology / Tipologia

CEILING RECESSED
SPOT LIGHTS
INCASSI SOFFITTO
PROIETTORI

AXEL S is a professional line of fixed and adjustable downlighter designed to offer the most complete lighting solutions in different architectural applications like retail areas, hotels, restaurants and accommodation facilities.

AXEL S is available with DALI dimmable driver as standard and colour rendering of CRI>90 (MacAdam 2) for the most natural possible reproduction of colours and materials

AXEL S è una linea professionale di downlight fissi e orientabili progettati per offrire le soluzioni di illuminazione più complete per applicazioni quali negozi, alberghi, ristoranti e strutture ricettive.

AXEL S è infatti disponibile con cablaggio dimmerabile DALI come standard e con resa cromatica CRI>90 (MacAdam 2) per restituire con la massima naturalezza colori e materiali.

Characterised by a modular design, **AXEL OS** offers efficient lighting solution that can be fully customised to cater for various areas of a store: from shop windows, shelves and recesses through to promotional spaces. The system is based on lighting modules that can be aligned flexibly. The Optic Units separated from the mounting frame provide designers and architects with plenty of creative scope. Castaldi Lighting offers the system in two design sizes - AXEL OS4 (width 63mm) and AXEL OS9 (width 93mm) - with single, double and triple units, and also as a lighting channel. AXEL OS is the lighting tool for shop and retail concepts of the future.

AXEL OS si distingue per la sua struttura modulare che offre agli ambienti una soluzione efficiente e personalizzabile, in grado di coprire tutte le aree di un negozio: vetrine e scaffali, nicchie e parti centrali. Il sistema si basa su moduli componibili con assoluta flessibilità. Le cornici d'installazione e i gruppi ottici sono separati, cosa che lascia al progettista la massima libertà di combinare apparecchi ed elementi. Castaldi Lighting offre il sistema in due misure, AXEL OS4 (larghezza 63mm) e AXEL OS9 (larghezza 93mm), con unità singole, doppie e triple, oppure sotto forma di canale luminoso lineare. AXEL OS può essere considerato per eccellenza lo strumento illuminotecnico destinato alle future concezioni di negozi e retail.

ENVIRONNEMENTS
CONTESTI

Wellness, hallway, conference hall, art and culture, office, leisure areas, retail areas, study areas
Wellness, spazi d'accesso, sale conferenze, arte e cultura, ufficio, intrattenimento, vendita e commercio, studio ed educazione.

Colours / Colori

STANDARD / BASE
VARIANT / VARIANTE

Embossed white RAL 9003 / Bianco goffrato RAL 9003
Matt black RAL 9005 / Nero opaco RAL 9005

Characteristics Caratteristiche

CONSTRUCTION
COSTRUZIONE

Composite structure made of extruded aluminium and laser-shaped matching steel parts, powder-coated.
Struttura composita in profili estrusi di alluminio abbinati a parti in acciaio sagomate al laser, verniciata a polvere.

OPTICAL SYSTEM
SISTEMA OTTICO

SLED optical system with UV resistant PC lenses.
Sistema ottico SLED con lenti in PC anti UV.

SOURCES / SORGENTI

LED CRI>90 MacAdam 2

LIFETIME

50.000h L80B10 (Ta=25°C)

WIRING
CABLAGGIO ELETTRICO

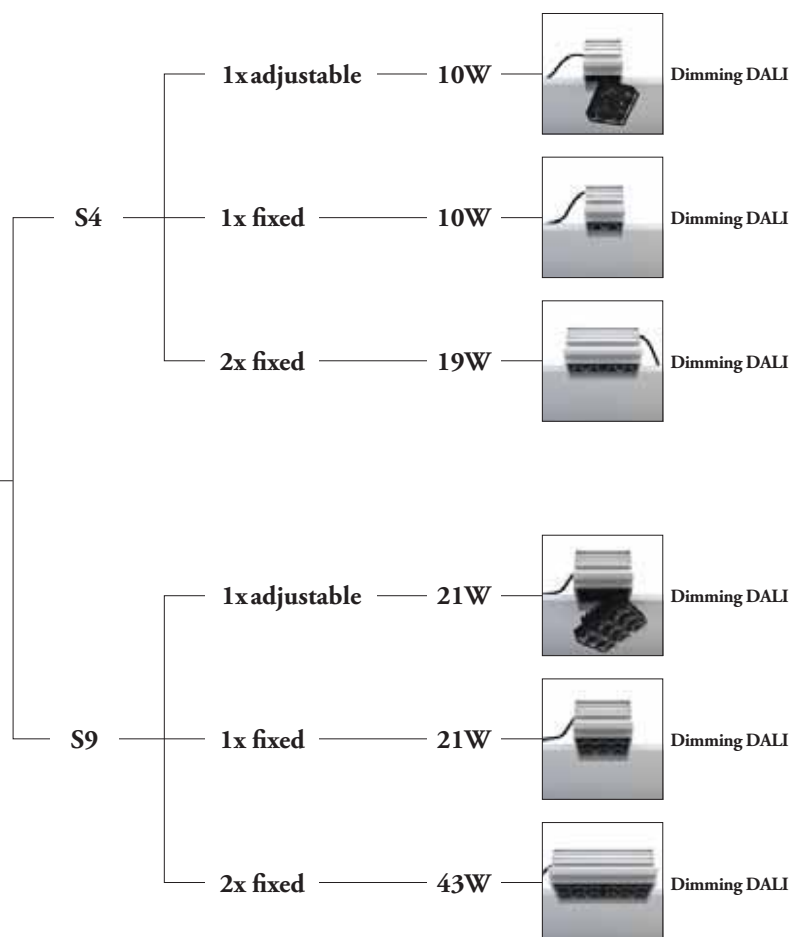
Electronic wiring at 220-240V/50-60Hz. Terminal board LN 2.5 mm².
Electronic or Dali dimmable independent ballast. Single switching on.
Cablaggio elettrico a 220-240V/50-60Hz. Morsettiera LN 2,5 mm².
Alimentatore elettronico indipendente o dimmerabile Dali. Accensione unica.

STANDARDS / NORME
DIRECTIVES / DIRETTIVE

To see page/Vedere pagina 159

AXEL S

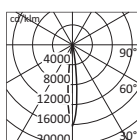
DOWNLIGHTS



Photometric / Fotometrie

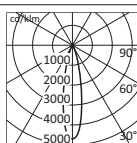
NB
NARROW BEAM
FASCIO STRETTO

AXEL Adjustable
AXEL Orientabile

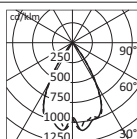


SB
SPOT BEAM
FASCIO SPOT

AXEL Adjustable
AXEL Orientabile



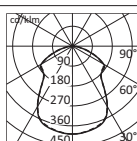
DK
DARK



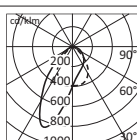
UGR T < 17,2
UGR L < 17,2



RR
DIFFUSED ROTOSYMMETRIC
ROTOSIMMETRICO DIFFUSO



WS
WALL WASHER
WALL WASHER



STANDARD
BASE
VARIANT
VARIANTE

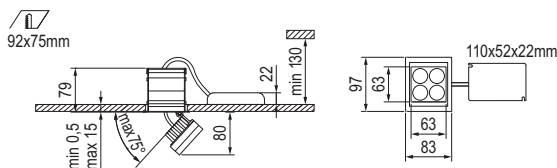


embossed white RAL 9003
bianco goffrato RAL 9003
matt black RAL 9005
nero opaco RAL 9005

AXEL S4 1x adjustable - frame

CEILING RECESSED,
SPOT LIGHTS
INCASSI SOFFITTO,
PROIETTORI

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL S4 1x adjustable FR - complete with DALI driver AXEL S4 1x orientabile FR - completo di driver DALI

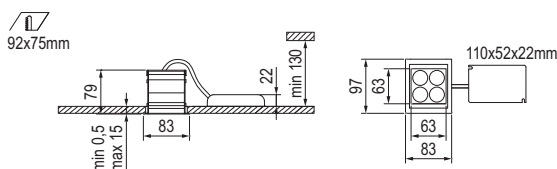
CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2002-DN-9265	10W	NB	3000K CRI>90	557 lm	0,6
2002-DN-4551	10W	NB	4000K CRI>90	621 lm	0,6
2002-DN-9267	10W	SB	3000K CRI>90	538 lm	0,6
2002-DN-4555	10W	SB	4000K CRI>90	601 lm	0,6

AXEL S4 1x - frame

CEILING RECESSED,
DOWNLIGHTS
INCASSI SOFFITTO,
DOWNLIGHTS

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL S4 1x fixed FR - complete with DALI driver AXEL S4 1x fisso FR - completo di driver DALI

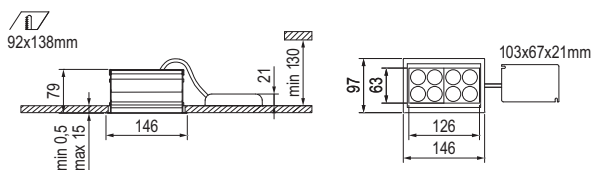
CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2010-DN-9269	10W	DK	3000K CRI>90	546 lm	0,5
2010-DN-4559	10W	DK	4000K CRI>90	610 lm	0,5
2010-DN-9271	10W	RR	3000K CRI>90	527 lm	0,5
2010-DN-4563	10W	RR	4000K CRI>90	588 lm	0,5
2010-DN-9291	10W	WS4	3000K CRI>90	454 lm	0,5
2010-DN-4603	10W	WS4	4000K CRI>90	507 lm	0,5

AXEL S4 2x - frame

CEILING RECESSED,
DOWNLIGHTS
INCASSI SOFFITTO,
DOWNLIGHTS

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL S4 2x fixed FR - complete with DALI driver AXEL S4 2x fisso FR - completo di driver DALI

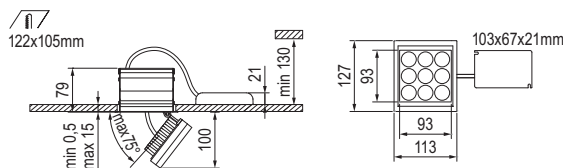
CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2012-DN-9485	19W	DK	3000K CRI>90	1090 lm	0,7
2012-DN-4991	19W	DK	4000K CRI>90	1218 lm	0,7
2012-DN-9487	19W	RR	3000K CRI>90	1052 lm	0,7
2012-DN-4995	19W	RR	4000K CRI>90	1174 lm	0,7
2012-DN-9507	19W	WS4	3000K CRI>90	908 lm	0,7
2012-DN-5035	19W	WS4	4000K CRI>90	1014 lm	0,7

AXEL S9 1x adjustable - frame

CEILING RECESSED,
SPOT LIGHTS
INCASSI SOFFITTO,
PROIETTORI

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL S9 1x adjustable FR - complete with DALI driver AXEL S9 1x orientabile FR - completo di driver DALI

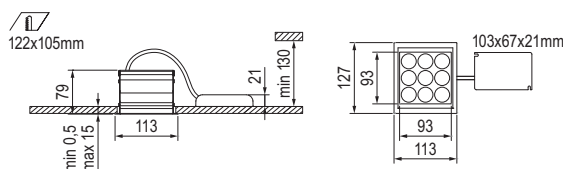
CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2006-DN-9373	21W	NB	3000K CRI>90	1251 lm	0,9
2006-DN-4767	21W	NB	4000K CRI>90	1397 lm	0,9
2006-DN-9375	21W	SB	3000K CRI>90	1210 lm	0,9
2006-DN-4771	21W	SB	4000K CRI>90	1351 lm	0,9

AXEL S9 1x - frame

CEILING RECESSED,
DOWNLIGHTS
INCASSI SOFFITTO,
DOWNLIGHTS

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL S9 1x fixed FR - complete with DALI driver AXEL S9 1x fisso FR - completo di driver DALI

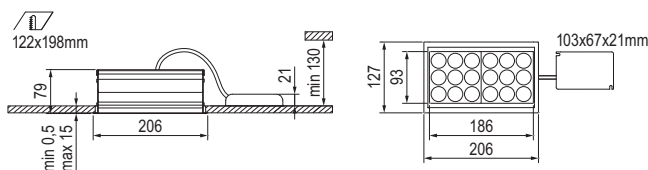
CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2016-DN-9377	21W	DK	3000K CRI>90	1226 lm	0,6
2016-DN-4775	21W	DK	4000K CRI>90	1370 lm	0,6
2016-DN-9379	21W	RR	3000K CRI>90	1183 lm	0,6
2016-DN-4779	21W	RR	4000K CRI>90	1321 lm	0,6
2016-DN-9399	21W	WS4	3000K CRI>90	1021 lm	0,6
2016-DN-4819	21W	WS4	4000K CRI>90	1140 lm	0,6

AXEL S9 2x - frame

CEILING RECESSED,
DOWNLIGHTS
INCASSI SOFFITTO,
DOWNLIGHTS

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL S9 2x fixed FR - complete with DALI driver AXEL S9 2x fisso FR - completo di driver DALI

CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2018-DN-9665	43W	DK	3000K CRI>90	2451 lm	1,5
2018-DN-5351	43W	DK	4000K CRI>90	2738 lm	1,5
2018-DN-9667	43W	RR	3000K CRI>90	2366 lm	1,5
2018-DN-5355	43W	RR	4000K CRI>90	2642 lm	1,5
2018-DN-9687	43W	WS4	3000K CRI>90	2041 lm	1,5
2018-DN-5395	43W	WS4	4000K CRI>90	2279 lm	1,5

STANDARD
BASE
VARIANT
VARIANTE

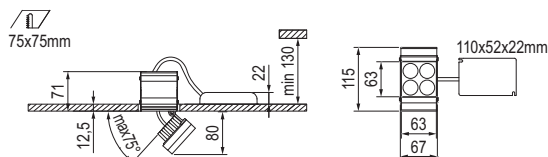


embossed white RAL 9003
bianco goffrato RAL 9003
matt black RAL 9005
nero opaco RAL 9005

AXEL S4 1x adjustable - trimless

CEILING RECESSED,
SPOT LIGHTS
INCASSI SOFFITTO,
PROIETTORI

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL S4 1x adjustable TR - complete with DALI driver AXEL S4 1x orientabile TR - completo di driver DALI

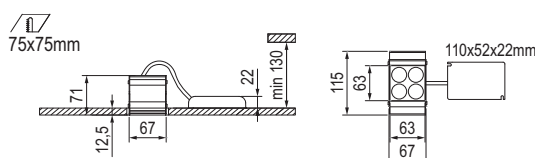
CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1902-DN-9265	10W	NB	3000K CRI>90	557 lm	0,6
1902-DN-4551	10W	NB	4000K CRI>90	621 lm	0,6
1902-DN-9267	10W	SB	3000K CRI>90	538 lm	0,6
1902-DN-4555	10W	SB	4000K CRI>90	601 lm	0,6

AXEL S4 1x - trimless

CEILING RECESSED,
DOWNLIGHTS
INCASSI SOFFITTO,
DOWNLIGHTS

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL S4 1x fixed TR - complete with DALI driver AXEL S4 1x fisso TR - completo di driver DALI

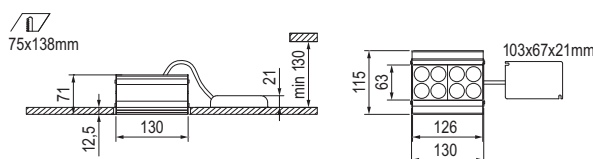
CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1910-DN-9269	10W	DK	3000K CRI>90	546 lm	0,5
1910-DN-4559	10W	DK	4000K CRI>90	610 lm	0,5
1910-DN-9271	10W	RR	3000K CRI>90	527 lm	0,5
1910-DN-4563	10W	RR	4000K CRI>90	588 lm	0,5
1910-DN-9291	10W	WS4	3000K CRI>90	454 lm	0,5
1910-DN-4603	10W	WS4	4000K CRI>90	507 lm	0,5

AXEL S4 2x - trimless

CEILING RECESSED,
DOWNLIGHTS
INCASSI SOFFITTO,
DOWNLIGHTS

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL S4 2x fixed TR - complete with DALI driver AXEL S4 2x fisso TR - completo di driver DALI

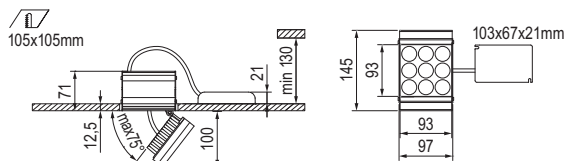
CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1912-DN-9485	19W	DK	3000K CRI>90	1090 lm	0,7
1912-DN-4991	19W	DK	4000K CRI>90	1218 lm	0,7
1912-DN-9487	19W	RR	3000K CRI>90	1052 lm	0,7
1912-DN-4995	19W	RR	4000K CRI>90	1174 lm	0,7
1912-DN-9507	19W	WS4	3000K CRI>90	908 lm	0,7
1912-DN-5035	19W	WS4	4000K CRI>90	1014 lm	0,7

AXEL S9 1x adjustable - trimless

CEILING RECESSED,
SPOT LIGHTS
INCASSI SOFFITTO,
PROIETTORI

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL S9 1x adjustable TR - complete with DALI driver AXEL S9 1x orientabile TR - completo di driver DALI

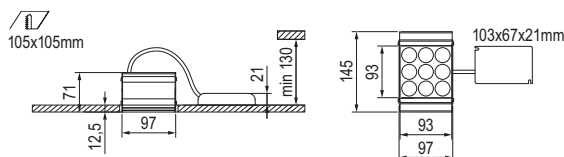
CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1906-DN-9373	21W	NB	3000K CRI>90	1251 lm	0,9
1906-DN-4767	21W	NB	4000K CRI>90	1397 lm	0,9
1906-DN-9375	21W	SB	3000K CRI>90	1210 lm	0,9
1906-DN-4771	21W	SB	4000K CRI>90	1351 lm	0,9

AXEL S9 1x - trimless

CEILING RECESSED,
DOWNLIGHTS
INCASSI SOFFITTO,
DOWNLIGHTS

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL S9 1x fixed TR - complete with DALI driver AXEL S9 1x fisso TR - completo di driver DALI

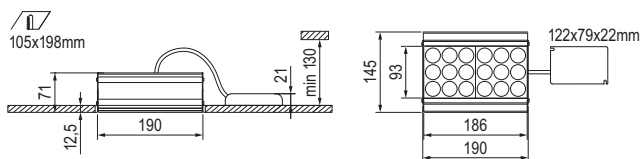
CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1916-DN-9377	21W	DK	3000K CRI>90	1226 lm	0,6
1916-DN-4775	21W	DK	4000K CRI>90	1370 lm	0,6
1916-DN-9379	21W	RR	3000K CRI>90	1183 lm	0,6
1916-DN-4779	21W	RR	4000K CRI>90	1321 lm	0,6
1916-DN-9399	21W	WS4	3000K CRI>90	1021 lm	0,6
1916-DN-4819	21W	WS4	4000K CRI>90	1140 lm	0,6

AXEL S9 2x - trimless

CEILING RECESSED,
DOWNLIGHTS
INCASSI SOFFITTO,
DOWNLIGHTS

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL S9 2x fixed TR - complete with DALI driver AXEL S9 2x fisso TR - completo di driver DALI

CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1918-DN-9665	43W	DK	3000K CRI>90	2451 lm	1,5
1918-DN-5351	43W	DK	4000K CRI>90	2738 lm	1,5
1918-DN-9667	43W	RR	3000K CRI>90	2366 lm	1,5
1918-DN-5355	43W	RR	4000K CRI>90	2642 lm	1,5
1918-DN-9687	43W	WS4	3000K CRI>90	2041 lm	1,5
1918-DN-5395	43W	WS4	4000K CRI>90	2279 lm	1,5

AXEL OPEN SYSTEM

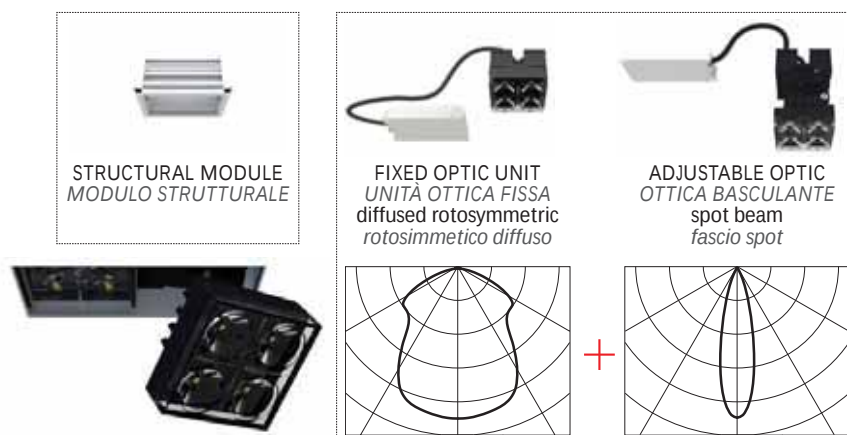
FLEXIBILITY AT THE HIGHEST LEVEL
FLESSIBILITA' AL MASSIMO LIVELLO

Designed to perform a wide variety of lighting tasks, the AXEL OS "Open System" provides maximum creative design scope: the components - mounting frame, Optic units - can be assembled individually.
Ideato per fornire l'illuminazione più corretta per ogni esigenza, AXEL OS "Open System" lascia totale spazio alla creatività: dai telai di montaggio ai vari Gruppi Ottici, tutti gli elementi si combinano nel modo preferito.

AXEL OS solution with combined general and accent lighting
- 2 lighting solutions
in a single fixture = less light sources
- easy installation

AXEL OS con illuminazione combinata generale e d'accento

- 2 soluzioni luminose in un singolo apparecchio = meno fonti luminose
- installazione facile



MODULAR LOGIC LOGICA MODULARE

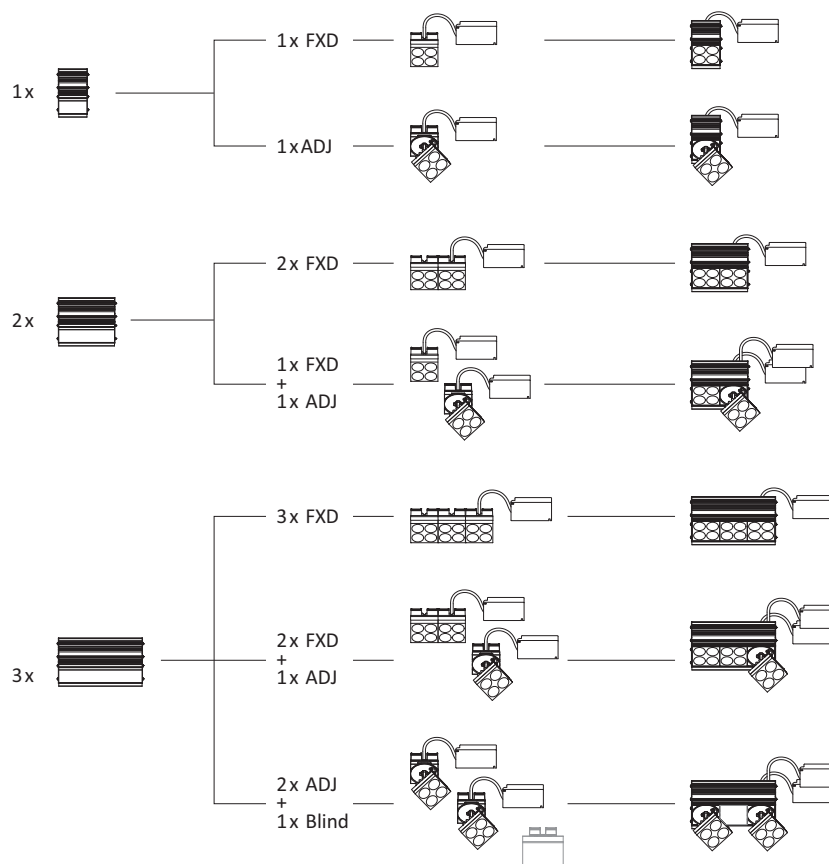
Combined with a variety of light colours, light distribution characteristics and luminous flux levels, with AXEL OS lighting designers have a wide range of options available to meet many different requirements.

The Optic Units are simply snapped into place. Luminaire units can be de-installed and re-installed at a later date, without the use of any tools.

Con AXEL il progettista può variare tonalità di luce, distribuzioni fotometriche e flussi luminosi componendo le soluzioni che ritiene più efficaci.

I Gruppi Ottici possono essere semplicemente snappati nel luogo d'installazione.

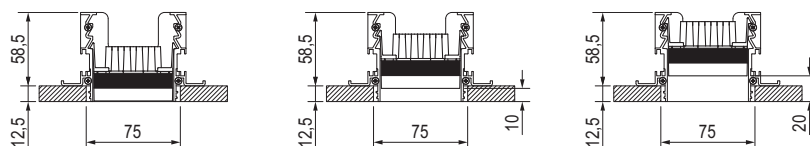
Le Unità LED possono essere sostituite anche in un secondo momento, senza l'uso di alcuno strumento.



EASY CLIP SYSTEM

If the luminaire is to be invisible the Optic Units can be regressed into the structural modules to reduce glare and improve visual comfort.

Se si richiede che l'apparecchio rimanga invisibile i gruppi ottici possono essere incassati per ridurre l'abbagliamento e migliorare il comfort visivo.

LINEAR CHANNEL
CANALE LINEARE

Structural modules serve as platform for the flexible combination of Optic Units and blanking inserts.

The Linear recessed channel can be cut to length by the customer on site or preferably - ordered in customfit length.

I moduli strutturali servono da base per combinare con flessibilità i vari Gruppi Ottici e i moduli ciechi.

Il canale da incasso si può tagliare sul posto, accorciandolo alla lunghezza necessaria, oppure, come alternativa migliore, ordinarlo dell'esatta misura.

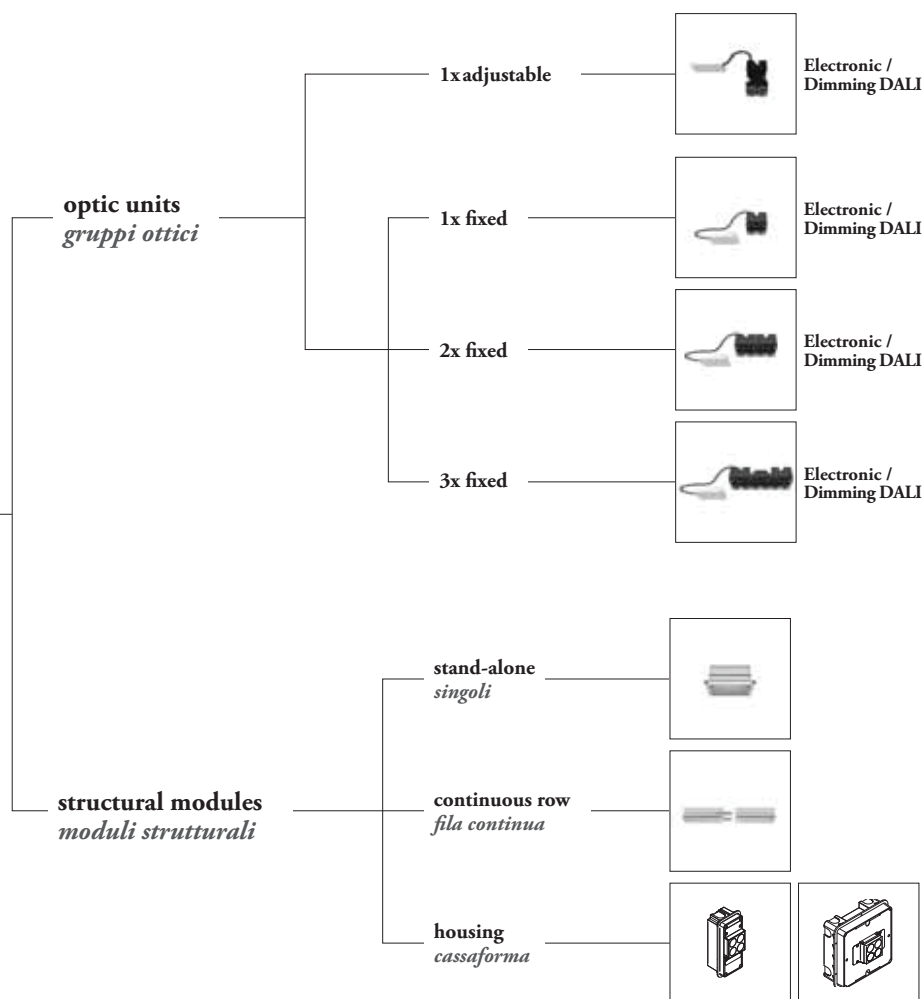


- Loudspeakers / altoparlanti
- sensors / sensori
- cameras / videocamere
- sprinklers

can optionally be integrated into AXEL system blind panels.
possono essere integrati nei moduli ciechi.

AXEL OS4

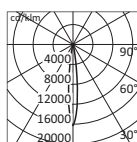
OPEN SYSTEM



Photometric / Fotometrie

NB
NARROW BEAM
FASCIO STRETTO

AXEL Adjustable
AXEL Orientabile

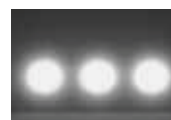
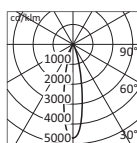


Accent lighting
illuminazione d'accento

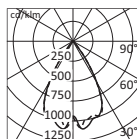


SB
SPOT BEAM
FASCIO SPOT

AXEL Adjustable
AXEL Orientabile



DK
DARK



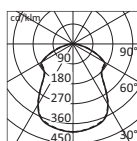
UGR T < 17,2
UGR L < 17,2



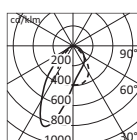
General lighting
illuminazione generale



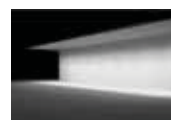
RR
DIFFUSED ROTOSYMMETRIC
ROTOSIMMETRICO DIFFUSO



WS
WALL WASHER
WALL WASHER



Vertical lighting
illuminazione verticale



AXEL OS9

OPEN SYSTEM

optic units
gruppi ottici

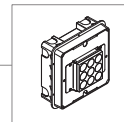
1x adjustable

Electronic /
Dimming DALI

1x fixed

Electronic /
Dimming DALI

2x fixed

Electronic /
Dimming DALIstructural modules
*moduli strutturali*stand-alone
singolicontinuous row
fila continuehousing
cassaforma

S4

S4 ADJ 1x



S9

S9 ADJ 1x



S4 FXD 1x



S4 FXD 2x



S4 FXD 3x



S9 FXD 1x



S9 FXD 2x



AXEL range reveals its full potential in shop and retail areas where lighting needs are very different.

Modules for accent lighting (NB,SB), general lighting (DK,RR), vertical lighting (WS) are what is needed here and AXEL does so in a consistently uniform design in all parts of the project thanks to SLED technology, providing excellent technical lighting features and colour rendering

(CRI>90 - MacAdam Step 2 guaranteed).

La gamma AXEL rivela tutto il suo potenziale negli ambienti di vendita dove le necessità d'illuminazione sono molto diverse tra loro.

In questi casi ciò che serve è una composizione di elementi specifici per la luce generale (DK,RR), per gli accenti (NB,SB) e per la luce verticale (WS).

AXEL fa tutto questo mantenendo una perfetta coerenza estetica in tutte le parti del progetto grazie all'uso della tecnologia SLED, assicurando in ogni caso un'illuminotecnica di alta precisione e una resa cromatica eccellente (CRI>90 - MacAdam Step 2 garantito).

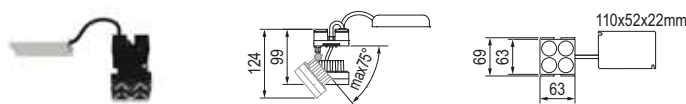
MacAdam
2 step



AXEL OPEN SYSTEM S4 - adjustable optic units

CEILING RECESSED,
SPOT LIGHTS
INCASSI SOFFITTO,
PROIETTORI

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL OS4 optic units 1x adjustable - complete with Electronic driver AXEL OS4 gruppi ottici 1x orientabili - completi di driver Elettronico

CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1601-BE-9265	10W	NB	3000K CRI>90	557 lm	0,4
1601-BE-4551	10W	NB	4000K CRI>90	621 lm	0,4
1601-BE-9267	10W	SB	3000K CRI>90	538 lm	0,4
1601-BE-4555	10W	SB	4000K CRI>90	601 lm	0,4

AXEL OS4 optic units 1x adjustable - complete with DALI driver AXEL OS4 gruppi ottici 1x orientabili - completi di driver DALI

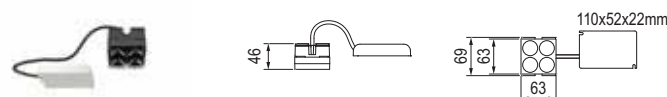
CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1602-BE-9265	10W	NB	3000K CRI>90	557 lm	0,4
1602-BE-4551	10W	NB	4000K CRI>90	621 lm	0,4
1602-BE-9267	10W	SB	3000K CRI>90	538 lm	0,4
1602-BE-4555	10W	SB	4000K CRI>90	601 lm	0,4

AXEL OPEN SYSTEM S4 - fixed optic units

CEILING RECESSED,
DOWNLIGHTS
INCASSI SOFFITTO,
DOWNLIGHTS

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL OS4 optic units 1x fixed - complete with Electronic driver AXEL OS4 gruppi ottici 1x fissi - completi di driver Elettronico

CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1603-BE-9269	10W	DK	3000K CRI>90	546 lm	0,2
1603-BE-4559	10W	DK	4000K CRI>90	610 lm	0,2
1603-BE-9271	10W	RR	3000K CRI>90	527 lm	0,2
1603-BE-4563	10W	RR	4000K CRI>90	588 lm	0,2
1603-BE-9291	10W	WS4	3000K CRI>90	454 lm	0,2
1603-BE-4603	10W	WS4	4000K CRI>90	507 lm	0,2

AXEL OS4 optic units 1x fixed - complete with DALI driver AXEL OS4 gruppi ottici 1x fissi - completi di driver DALI

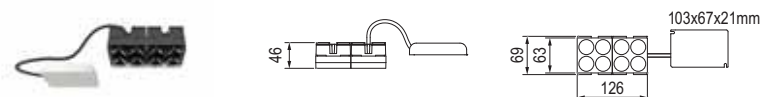
CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Source Sorgente	K	Output flux Flusso uscente	Kg
1604-BE-9269	10W	DK	3000K CRI>90	546 lm	0,2
1604-BE-4559	10W	DK	4000K CRI>90	610 lm	0,2
1604-BE-9271	10W	RR	3000K CRI>90	527 lm	0,2
1604-BE-4563	10W	RR	4000K CRI>90	588 lm	0,2
1604-BE-9291	10W	WS4	3000K CRI>90	454 lm	0,2
1604-BE-4603	10W	WS4	4000K CRI>90	507 lm	0,2

AXEL OPEN SYSTEM S4 - fixed optic units

CEILING RECESSED,
DOWNLIGHTS
INCASSI SOFFITTO,
DOWNLIGHTS

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL OS4 optic units 2x fixed - complete with Electronic driver AXEL OS4 gruppi ottici 2x fissi - completi di driver Elettronico

CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1605-BE-9485	19W	DK	3000K CRI>90	1090 lm	0,4
1605-BE-4991	19W	DK	4000K CRI>90	1218 lm	0,4
1605-BE-9487	19W	RR	3000K CRI>90	1052 lm	0,4
1605-BE-4995	19W	RR	4000K CRI>90	1174 lm	0,4
1605-BE-9507	19W	WS4	3000K CRI>90	908 lm	0,4
1605-BE-5035	19W	WS4	4000K CRI>90	1014 lm	0,4

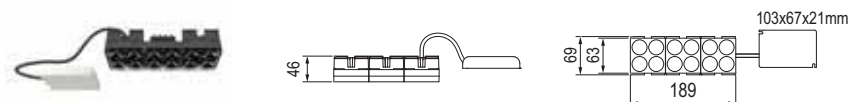
AXEL OS4 optic units 2x fixed - complete with DALI driver AXEL OS4 gruppi ottici 2x fissi - completi di driver DALI

CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1606-BE-9485	19W	DK	3000K CRI>90	1090 lm	0,4
1606-BE-4991	19W	DK	4000K CRI>90	1218 lm	0,4
1606-BE-9487	19W	RR	3000K CRI>90	1052 lm	0,4
1606-BE-4995	19W	RR	4000K CRI>90	1174 lm	0,4
1606-BE-9507	19W	WS4	3000K CRI>90	908 lm	0,4
1606-BE-5035	19W	WS4	4000K CRI>90	1014 lm	0,4

CEILING RECESSED,
DOWNLIGHTS
INCASSI SOFFITTO,
DOWNLIGHTS

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL OS4 optic units 3x fixed - complete with Electronic driver AXEL OS4 gruppi ottici 3x fissi - completi di driver Elettronico

CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1607-BE-9845	29W	DK	3000K CRI>90	1635 lm	0,6
1607-BE-5711	29W	DK	4000K CRI>90	1826 lm	0,6
1607-BE-9847	29W	RR	3000K CRI>90	1578 lm	0,6
1607-BE-5715	29W	RR	4000K CRI>90	1762 lm	0,6
1607-BE-9867	29W	WS4	3000K CRI>90	1361 lm	0,6
1607-BE-5755	29W	WS4	4000K CRI>90	1520 lm	0,6

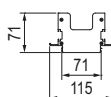
AXEL OS4 optic units 3x fixed - complete with DALI driver AXEL OS4 gruppi ottici 3x fissi - completi di driver DALI

CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Source Sorgente	K	Output flux Flusso uscente	Kg
1608-BE-9845	29W	DK	3000K CRI>90	1635 lm	0,6
1608-BE-5711	29W	DK	4000K CRI>90	1826 lm	0,6
1608-BE-9847	29W	RR	3000K CRI>90	1578 lm	0,6
1608-BE-5715	29W	RR	4000K CRI>90	1762 lm	0,6
1608-BE-9867	29W	WS4	3000K CRI>90	1361 lm	0,6
1608-BE-5755	29W	WS4	4000K CRI>90	1520 lm	0,6

AXEL OPEN SYSTEM S4 - structural modules

CEILING RECESSED
INCASSI SOFFITTO



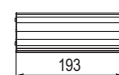
75x75mm



75x138mm



75x201mm

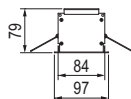


AXEL OS4 TR stand-alone structural modules/moduli strutturali stand-alone



Code Codice	Type Tipo	L	A	H	Kg
1600-DN-S001	1x	67	115	71	0,2
1600-BE-S001	1x	67	115	71	0,2
1600-DN-S002	2x	130	115	71	0,3
1600-BE-S002	2x	130	115	71	0,3
1600-DN-S003	3x	193	115	71	0,4
1600-BE-S003	3x	193	115	71	0,4

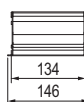
CEILING RECESSED
INCASSI SOFFITTO



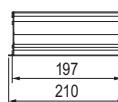
92x75mm



92x138mm



92x201mm

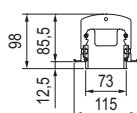


AXEL OS4 FR stand-alone structural modules/moduli strutturali stand-alone

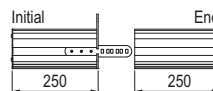


Code Codice	Type Tipo	L	A	H	Kg
1600-DN-S007	1x	83	97	79	0,2
1600-BE-S007	1x	83	97	79	0,2
1600-DN-S008	2x	146	97	79	0,3
1600-BE-S008	2x	146	97	79	0,3
1600-DN-S009	3x	210	97	79	0,4
1600-BE-S009	3x	210	97	79	0,4

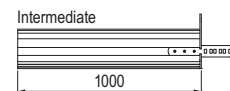
CEILING RECESSED
INCASSI SOFFITTO



75x508mm



75x1000mm

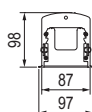


AXEL OS4 TR linear structural modules/moduli strutturali lineari

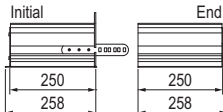


Code Codice	Type Tipo	L	A	H	Kg
1600-DN-S004	Initial/End module - Inizio/fine fila	500	115	98	1,2
1600-BE-S004	Initial/End module - Inizio/fine fila	500	115	98	1,2
1600-DN-S005	Intermediate module - Intemedio	1000	115	98	1,7
1600-BE-S005	Intermediate module - Intemedio	1000	115	98	1,7

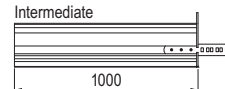
CEILING RECESSED
INCASSI SOFFITTO



88x508mm



88x1000mm



AXEL OS4 FR linear structural modules/moduli strutturali lineari



Code Codice	Type Tipo	L	A	H	Kg
1600-DN-S010	Initial/End module - Inizio/fine fila	516	97	98	1,2
1600-BE-S010	Initial/End module - Inizio/fine fila	516	97	98	1,2
1600-DN-S011	Intermediate module - Intemedio	1000	97	98	1,7
1600-BE-S011	Intermediate module - Intemedio	1000	97	98	1,7

AXEL OPEN SYSTEM S4 - accessories



AXEL OS4 blind panels/moduli ciechi

Code <i>Codice</i>	Type <i>Tipo</i>	L	A	H	Kg
1600-BE-K010	1x	63	63	45	0,1
1600-BE-K011	2x	126	63	45	0,1
1600-BE-K012	3x	189	63	45	0,1
1600-BE-K013	Linear module - <i>Modulo lineare</i>	1000	63	45	0,4

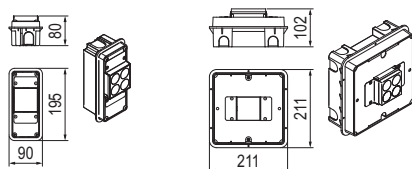


AXEL OS4 FR brackets for linear structural modules/staffe per moduli strutturali lineari

Code <i>Codice</i>	L	A	H
1600-K001	70	142	90

AXEL OPEN SYSTEM S4 - rough-in housing

WALL RECESSED,
CEILING RECESSED
*INCASSI PARETE,
INCASSI SOFFITTO*



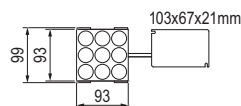
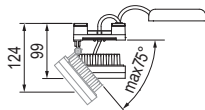
AXEL OS4 rough-in housing/casseforme

Code <i>Codice</i>	L	A	H	Kg
2600-K001	195	90	80	0,3
2600-K002	211	211	102	0,8

AXEL OPEN SYSTEM S9 - adjustable optic units

CEILING RECESSED,
SPOT LIGHTS
INCASSI SOFFITTO,
PROIETTORI

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL OS9 optic units 1x adjustable - complete with Electronic driver AXEL OS9 gruppi ottici 1x orientabili - completi di driver Elettronico

CE SLED IK08 IP20

Code <i>Codice</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1701-BE-9373	21W	NB	3000K CRI>90	1251 lm	0,6
1701-BE-4767	21W	NB	4000K CRI>90	1397 lm	0,6
1701-BE-9375	21W	SB	3000K CRI>90	1210 lm	0,6
1701-BE-4771	21W	SB	4000K CRI>90	1351 lm	0,6

AXEL OS9 optic units 1x adjustable - complete with DALI driver AXEL OS9 gruppi ottici 1x orientabili - completi di driver DALI

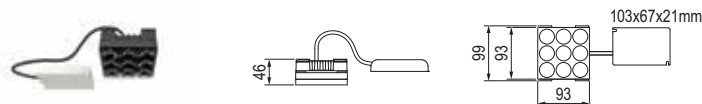
CE SLED IK08 IP20

Code <i>Codice</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1702-BE-9373	21W	NB	3000K CRI>90	1251 lm	0,6
1702-BE-4767	21W	NB	4000K CRI>90	1397 lm	0,6
1702-BE-9375	21W	SB	3000K CRI>90	1210 lm	0,6
1702-BE-4771	21W	SB	4000K CRI>90	1351 lm	0,6

AXEL OPEN SYSTEM S9 - fixed optic units

CEILING RECESSED,
DOWNLIGHTS
INCASSI SOFFITTO,
DOWNLIGHTS

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL OS9 optic units 1x fixed - complete with Electronic driver AXEL OS9 gruppi ottici 1x fissi - completi di driver Elettronico

CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1703-BE-9377	21W	DK	3000K CRI>90	1226 lm	0,4
1703-BE-4775	21W	DK	4000K CRI>90	1370 lm	0,4
1703-BE-9379	21W	RR	3000K CRI>90	1183 lm	0,4
1703-BE-4779	21W	RR	4000K CRI>90	1321 lm	0,4
1703-BE-9399	21W	WS4	3000K CRI>90	1021 lm	0,4
1703-BE-4819	21W	WS4	4000K CRI>90	1140 lm	0,4

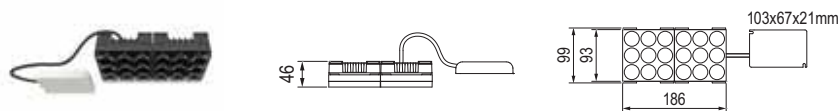
AXEL OS9 optic units 1x fixed - complete with DALI driver AXEL OS9 gruppi ottici 1x fissi - completi di driver DALI

CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1704-BE-9377	21W	DK	3000K CRI>90	1226 lm	0,4
1704-BE-4775	21W	DK	4000K CRI>90	1370 lm	0,4
1704-BE-9379	21W	RR	3000K CRI>90	1183 lm	0,4
1704-BE-4779	21W	RR	4000K CRI>90	1321 lm	0,4
1704-BE-9399	21W	WS4	3000K CRI>90	1021 lm	0,4
1704-BE-4819	21W	WS4	4000K CRI>90	1140 lm	0,4

CEILING RECESSED,
DOWNLIGHTS
INCASSI SOFFITTO,
DOWNLIGHTS

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL OS9 optic units 2x fixed - complete with Electronic driver AXEL OS9 gruppi ottici 2x fissi - completi di driver Elettronico

CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1705-BE-9665	43W	DK	3000K CRI>90	2451 lm	0,9
1705-BE-5351	43W	DK	4000K CRI>90	2738 lm	0,9
1705-BE-9667	43W	RR	3000K CRI>90	2366 lm	0,9
1705-BE-5355	43W	RR	4000K CRI>90	2642 lm	0,9
1705-BE-9687	43W	WS4	3000K CRI>90	2041 lm	0,9
1705-BE-5395	43W	WS4	4000K CRI>90	2279 lm	0,9

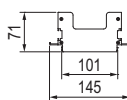
AXEL OS9 optic units 2x fixed - complete with DALI driver AXEL OS9 gruppi ottici 2x fissi - completi di driver DALI

CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1706-BE-9665	43W	DK	3000K CRI>90	2451 lm	0,9
1706-BE-5351	43W	DK	4000K CRI>90	2738 lm	0,9
1706-BE-9667	43W	RR	3000K CRI>90	2366 lm	0,9
1706-BE-5355	43W	RR	4000K CRI>90	2642 lm	0,9
1706-BE-9687	43W	WS4	3000K CRI>90	2041 lm	0,9
1706-BE-5395	43W	WS4	4000K CRI>90	2279 lm	0,9

AXEL OPEN SYSTEM S9 - structural modules

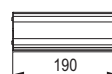
CEILING RECESSED
INCASSI SOFFITTO



105x105mm



105x198mm

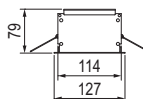


AXEL OS9 TR stand-alone structural modules/moduli strutturali stand-alone



Code Codice	Type Tipo	L	A	H	Kg
1700-DN-S001	1x	97	145	71	0,3
1700-BE-S001	1x	97	145	71	0,3
1700-DN-S002	2x	190	145	71	0,4
1700-BE-S002	2x	190	145	71	0,4

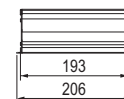
CEILING RECESSED
INCASSI SOFFITTO



122x105mm



122x198mm

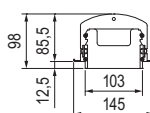


AXEL OS9 FR stand-alone structural modules/moduli strutturali stand-alone

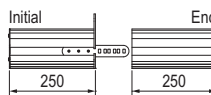


Code Codice	Type Tipo	L	A	H	Kg
1700-DN-S007	1x	113	127	79	0,3
1700-BE-S007	1x	113	127	79	0,3
1700-DN-S008	2x	206	127	79	0,4
1700-BE-S008	2x	206	127	79	0,4

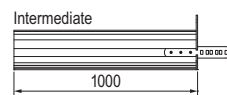
CEILING RECESSED
INCASSI SOFFITTO



105x508mm



105x1000mm

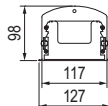


AXEL OS9 TR linear structural modules/moduli strutturali lineari

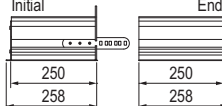


Code Codice	Type Tipo	L	A	H	Kg
1700-DN-S004	Initial/End module - Inizio/fine fila	500	145	98	1,2
1700-BE-S004	Initial/End module - Inizio/fine fila	500	145	98	1,2
1700-DN-S005	Intermediate module - Intemedio	1000	145	98	1,7
1700-BE-S005	Intermediate module - Intemedio	1000	145	98	1,7

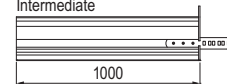
CEILING RECESSED
INCASSI SOFFITTO



118x508mm



118x1000mm

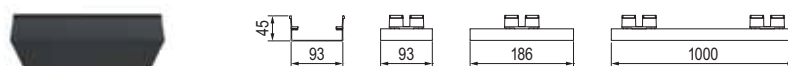


AXEL OS9 FR linear structural modules/moduli strutturali lineari



Code Codice	Type Tipo	L	A	H	Kg
1700-DN-S010	Initial/End module - Inizio/fine fila	516	127	98	1,2
1700-BE-S010	Initial/End module - Inizio/fine fila	516	127	98	1,2
1700-DN-S011	Intermediate module - Intemedio	1000	127	98	1,7
1700-BE-S011	Intermediate module - Intemedio	1000	127	98	1,7

AXEL OPEN SYSTEM S9 - accessories



AXEL OS9 blind panels/moduli ciechi

CE

Code <i>Codice</i>	Type <i>Tipo</i>	L	A	H	Kg
1700-BE-K010	1x	93	93	45	0,1
1700-BE-K011	2x	186	93	45	0,1
1700-BE-K013	Linear module - <i>Modulo lineare</i>	1000	93	45	0,5



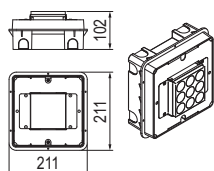
AXEL OS9 FR brackets for linear structural modules/staffe per moduli strutturali lineari

CE

Code <i>Codice</i>	L	A	H
1700-K001	80	172	90

AXEL OPEN SYSTEM S9 - rough-in housing

WALL RECESSED,
CEILING RECESSED
INCASSI PARETE,
INCASSI SOFFITTO



AXEL OS9 rough-in housing/cassaforma

CE

Code <i>Codice</i>	L	A	H	Kg
2600-K003	211	211	102	0,8

AXEL CONCRETE



Tipology / Tipologia

WALL RECESSED
CEILING RECESSED
INCASSI PARETE
INCASSI SOFFITTO

ENVIRONMENTS
CONTESTI

Axel Concrete is the delicate and silent lighting mix of indoor/outdoor. Optical unit, recessed structure, and the essential SLED aesthetic, meet in a minimally invasive product that is evident more for its light effect than for its presence. Axel Concrete è l'elegante e silenziosa unione luminosa fra interni ed esterni. Gruppi ottici, struttura a incasso e l'estetica essenziale dello SLED s'incontrano in un prodotto minimamente invasivo che si nota più per la sua luce che per la sua presenza.

Façades and architectural works, wellness, hallway, conference hall, art and culture, office, leisure areas, retail areas, study areas
Facciate e architetture, wellness, spazi d'accesso, sale conferenze, arte e cultura, ufficio, intrattenimento, vendita e commercio, studio ed educazione.

Characteristics Caratteristiche

CONSTRUCTION
COSTRUZIONE

Die-cast light alloy body. "Easy Clip" fixing elements made of high resistance composite technopolymers.
Corpo in alluminio pressofuso. Elementi di fissaggio "Easy Clip" in tecnopolimeri compositi ad alta resistenza.

OPTICAL SYSTEM
SISTEMA OTTICO

SLED optical system with UV resistant PC lenses.
Sistema ottico SLED con lenti in PC anti UV.

SOURCES / SORGENTI

LED CRI>90 MacAdam 2

LIFETIME

50.000h L80B10 (Ta=25°C)

WIRING
CABLAGGIO ELETTRICO

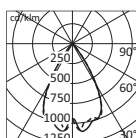
Electronic wiring at 220-240V/50-60Hz. Terminal board LN 2.5 mm².
Electronic or Dali dimmable independent ballast. Single switching on.
Cablaggio elettrico a 220-240V/50-60Hz. Morsettiera LN 2,5 mm².
Alimentatore elettronico indipendente o dimmerabile Dali. Accensione unica.

STANDARDS / NORME
DIRECTIVES / DIRETTIVE

To see page / Vedere pagina 159

Photometric / Fotometrie

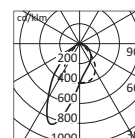
DK
DARK



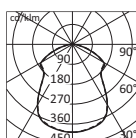
UGR T < 17,2
UGR L < 17,2



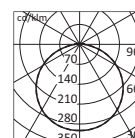
WS
WALL WASHER
WALL WASHER



RR
DIFFUSED ROTOSYMMETRIC
ROTOSIMMETRICO DIFFUSO



FE
FULL EFFECT

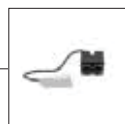


AXEL
CONCRETE

IP54

S4

1x fixed



Electronic

S9

1x fixed



Electronic



ASSEMBLY FEATURES

CARATTERISTICHE DI ASSEMBLAGGIO

The recessed-structure is designed for an easy installation of the optical unit, through the rapid system Easy-Clip. In addition to choice, the source can be positioned flush on the wall or protruding for a grazing light effect.

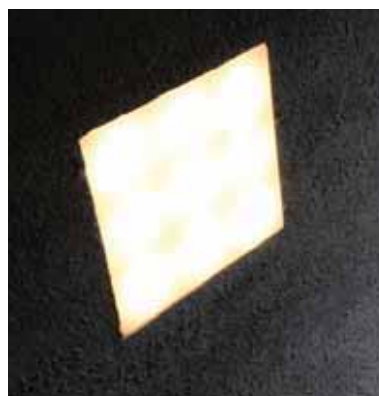
La cassaforma è pensata per un'installazione facile del gruppo ottico, attraverso il rapido sistema Easy-Clip. Inoltre a scelta, la sorgente può essere posizionata a filo muro oppure sporgente per un effetto di luce radente.



PROJECTING
SPORGENTE



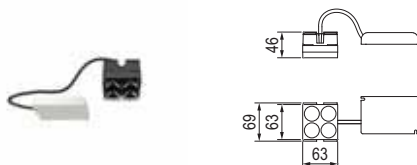
FLUSH
A FILO



AXEL CONCRETE - fixed optic units IP54

WALL RECESSED,
CEILING RECESSED
INCASSI PARETE,
INCASSI SOFFITTO

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL OS4 optic units IP54 1x fixed - complete with Electronic driver AXEL OS4 gruppi ottici IP54 1x fissi - completi di driver Elettronico

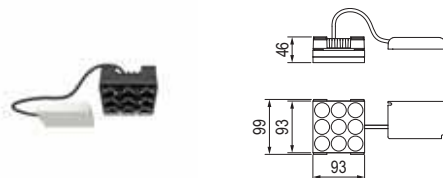
CE SLED IK08 IP54

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2602-BE-9269	7W	DK	3000K CRI>90	410 lm	0,2
2602-BE-4559	7W	DK	4000K CRI>90	458 lm	0,2
2602-BE-9271	7W	RR	3000K CRI>90	396 lm	0,2
2602-BE-4563	7W	RR	4000K CRI>90	442 lm	0,2
2602-BE-9291	7W	WS4	3000K CRI>90	342 lm	0,2
2602-BE-4603	7W	WS4	4000K CRI>90	381 lm	0,2
2601-BE-11539	5W	FE	3000K CRI>90	154 lm	0,2
2601-BE-9143	5W	FE	4000K CRI>90	172 lm	0,2

Can be installed only with rough-in housing.
Installabile solo con accessorio cassaforma.

WALL RECESSED,
CEILING RECESSED
INCASSI PARETE,
INCASSI SOFFITTO

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL OS9 optic units IP54 1x fixed - complete with Electronic driver AXEL OS9 gruppi ottici IP54 1x fissi - completi di driver Elettronico

CE SLED IK08 IP54

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2604-BE-9377	15W	DK	3000K CRI>90	921 lm	0,4
2604-BE-4775	15W	DK	4000K CRI>90	1029 lm	0,4
2604-BE-9379	15W	RR	3000K CRI>90	890 lm	0,4
2604-BE-4779	15W	RR	4000K CRI>90	993 lm	0,4
2604-BE-9399	15W	WS4	3000K CRI>90	768 lm	0,4
2604-BE-4819	15W	WS4	4000K CRI>90	858 lm	0,4
2603-BE-11545	10W	FE	3000K CRI>90	344 lm	0,4
2603-BE-9155	10W	FE	4000K CRI>90	384 lm	0,4

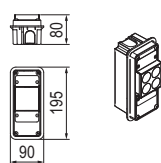
Can be installed only with rough-in housing.
Installabile solo con accessorio cassaforma.

Optional accessories

Accessori opzionali

Rough-in housing

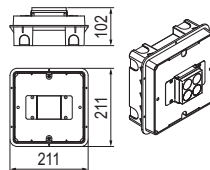
Cassaforma



2600-K001

AXEL OS4

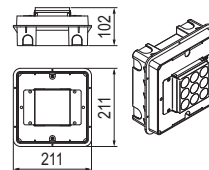
Rough-in housing for wall/ceiling recessed mounting (90x195xh80 mm)
Cassaforma per incasso a parete/soffitto (90x195xh80 mm)



2600-K002

AXEL OS4

Rough-in housing for wall/ceiling recessed mounting (211x211xh102 mm)
Cassaforma per incasso a parete/soffitto (211x211xh102 mm)



2600-K003

AXEL OS9

Rough-in housing for wall/ceiling recessed mounting (211x211xh102 mm)
Cassaforma per incasso a parete/soffitto (211x211xh102 mm)



Tipology / Tipologia

CEILING
SUSPENSION
PLAFONE
SOSPENSIONE

Wherever structural conditions require downlights to be surface mounted or suspended, AXEL C is the perfect solution: thanks to its compact dimensions and a clear design it blends discreetly into any architecture, both indoor and outdoor with IP54 versions.

Two design sizes - AXEL C4 and AXEL C9 - provide for extra flexibility.

Quando le condizioni non permettono di incassare gli apparecchi AXEL C è la soluzione ideale.

Installabile a plafone o sospeso, le dimensioni compatte e le sue linee pulite gli permettono di inserirsi in qualunque architettura, sia in interni che in esterni con le versioni IP54.

Per garantire flessibilità, la gamma è prevista in due misure, AXEL C4 e AXEL C9.

ENVIRONMENTS
CONTESTI

Wellness, hallway, conference hall, art and culture, office, leisure areas, retail areas, study areas
Wellness, spazi d'accesso, sale conferenze, arte e cultura, ufficio, intrattenimento, vendita e commercio, studio ed educazione.

Colours / Colori

STANDARD / BASE
VARIANT / VARIANTE

Embossed white RAL 9003 / Bianco goffrato RAL 9003

Graphite satin finish, Corten / Grafite satinato, Corten

Characteristics Caratteristiche

CONSTRUCTION
COSTRUZIONE

AXEL IP20

Corrosion resistant extruded aluminium body powder-coated.

Internal structure made of extruded aluminium and laser-shaped matching steel parts.

Powder painting after passivation.

Corpo in alluminio estruso, resistente alla corrosione, verniciato a polvere.

Struttura interna in estruso di alluminio e parti in acciaio sagomato al laser.

Verniciatura a polveri previa passivazione.

AXEL IP54

Corrosion resistant extruded aluminium body powder-coated.

Internal structure made of extruded aluminium and laser-shaped matching AISI 304 stainless steel parts.

Powder coat painting after multi-layer polyester pre-treatment for corrosion resistance.

Corpo in alluminio estruso, resistente alla corrosione, verniciato a polvere.

Struttura interna in estruso di alluminio e parti in acciaio inox AISI 304 sagomato al laser.

Verniciatura a polveri previo pre-trattamento con multistrato in poliestere ad alta resistenza alla corrosione.

OPTICAL SYSTEM
SISTEMA OTTICO

SLED optical system with UV resistant PC lenses.

Sistema ottico SLED con lenti in PC anti UV.

SOURCES / SORGENTI

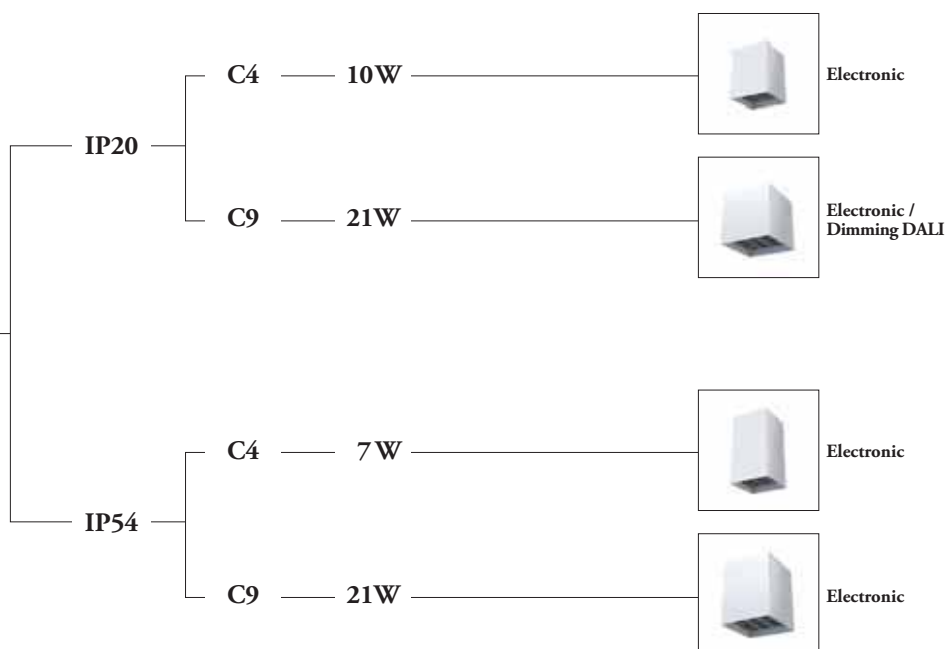
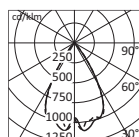
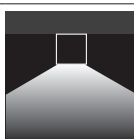
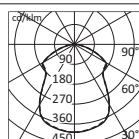
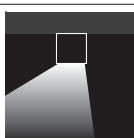
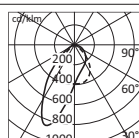
LED CRI>90 MacAdam 2

LIFETIME

50.000h L80B10 (Ta=25°C)

STANDARDS / NORME
DIRECTIVES / DIRETTIVE

To see page / Vedere pagina 159

AXEL CCEILING
PLAFONE**Photometric / Fotometrie****DK**
DARKUGR T < 17,2
UGR L < 17,2**RR**
DIFFUSED ROTOSYMMETRIC
ROTOSIMMETRICO DIFFUSO**WS**
WALL WASHER
WALL WASHER

STANDARD
BASE
VARIANTE
VARIANTE
VARIANTE
VARIANTE

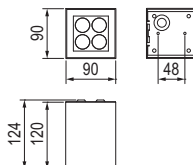


embossed white RAL 9003
bianco goffrato RAL 9003
graphite satin finish
grafite satinato
corten

AXEL C4 IP20

CEILING, SUSPENSION
PLAFONE, SOSPENSIONE

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL C4 IP20 1x complete with Electronic driver / completo di driver Elettronico

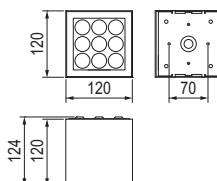
CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1801-DN-9269	10W	DK	3000K CRI>90	546 lm	0,7
1801-DN-4559	10W	DK	4000K CRI>90	610 lm	0,7
1801-DN-9271	10W	RR	3000K CRI>90	527 lm	0,7
1801-DN-4563	10W	RR	4000K CRI>90	588 lm	0,7
1801-DN-9291	10W	WS4	3000K CRI>90	454 lm	0,7
1801-DN-4603	10W	WS4	4000K CRI>90	507 lm	0,7

AXEL C9 IP20

CEILING, SUSPENSION
PLAFONE, SOSPENSIONE

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL C9 IP20 1x complete with Electronic driver / completo di driver Elettronico

CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1805-DN-9377	21W	DK	3000K CRI>90	1226 lm	1,3
1805-DN-4775	21W	DK	4000K CRI>90	1370 lm	1,3
1805-DN-9379	21W	RR	3000K CRI>90	1183 lm	1,3
1805-DN-4779	21W	RR	4000K CRI>90	1321 lm	1,3
1805-DN-9399	21W	WS4	3000K CRI>90	1021 lm	1,3
1805-DN-4819	21W	WS4	4000K CRI>90	1140 lm	1,3

AXEL C9 IP20 1x complete with DALI driver / completo di driver DALI

CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1806-DN-9377	21W	DK	3000K CRI>90	1226 lm	1,3
1806-DN-4775	21W	DK	4000K CRI>90	1370 lm	1,3
1806-DN-9379	21W	RR	3000K CRI>90	1183 lm	1,3
1806-DN-4779	21W	RR	4000K CRI>90	1321 lm	1,3
1806-DN-9399	21W	WS4	3000K CRI>90	1021 lm	1,3
1806-DN-4819	21W	WS4	4000K CRI>90	1140 lm	1,3

STANDARD
BASE
VARIANT
VARIANTE
VARIANT
VARIANTE

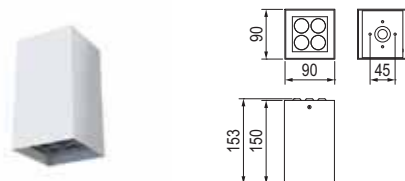


embossed white RAL 9003
bianco goffrato RAL 9003
graphite satin finish
grafite satinato
corten

AXEL C4 IP54

CEILING
PLAFONE

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL C4 IP54 1x complete with Electronic driver/completo di driver Elettronico

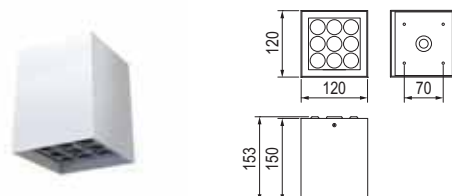
CE SLED IK08 IP54

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1809-DN-9269	7W	DK	3000K CRI>90	410 lm	1,2
1809-DN-4559	7W	DK	4000K CRI>90	458 lm	1,2
1809-DN-9271	7W	RR	3000K CRI>90	396 lm	1,2
1809-DN-4563	7W	RR	4000K CRI>90	442 lm	1,2
1809-DN-9291	7W	WS4	3000K CRI>90	342 lm	1,2
1809-DN-4603	7W	WS4	4000K CRI>90	381 lm	1,2

AXEL C9 IP54

CEILING
PLAFONE

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



AXEL C9 IP54 1x complete with Electronic driver/completo di driver Elettronico

CE SLED IK08 IP54

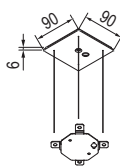
Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1813-DN-9377	21W	DK	3000K CRI>90	1226 lm	1,9
1813-DN-4775	21W	DK	4000K CRI>90	1370 lm	1,9
1813-DN-9379	21W	RR	3000K CRI>90	1183 lm	1,9
1813-DN-4779	21W	RR	4000K CRI>90	1321 lm	1,9
1813-DN-9399	21W	WS4	3000K CRI>90	1021 lm	1,9
1813-DN-4819	21W	WS4	4000K CRI>90	1140 lm	1,9

Welle7 - Bern - Switzerland - Retail agency: JosDeVries - Lighting Design: Lichtkompetenz GmbH



Optional accessories Accessori opzionali

Mounting Montaggio



1800-DN-K001

AXEL C4 IP20

Suspension Kit with 4 parallel ropes (L=2m) with fine adjusters and ceiling plate. Embossed White RAL9003 DN

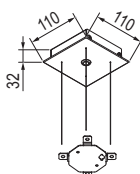
Kit di sospensione a 4 funi parallele L=2m, piastra a soffitto e regolatori millimetrici. Bianco goffrato RAL9003 DN

1800-GR-K001

AXEL C4 IP20

Suspension Kit with 4 parallel ropes (L=2m) with fine adjusters and ceiling plate. Graphite satin finish

Kit di sospensione a 4 funi parallele L=2m, piastra a soffitto e regolatori millimetrici. Grafite satinato



1800-DN-K003

AXEL C4 IP20

Suspension Kit with 4 parallel ropes (L=2m) with fine adjusters and electrified ceiling rose. Embossed White RAL9003 DN

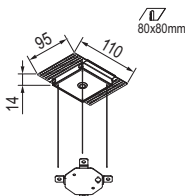
Kit di sospensione a 4 funi parallele L=2m, rosone elettrificato e regolatori millimetrici. Bianco goffrato RAL9003 DN

1800-GR-K003

AXEL C4 IP20

Suspension Kit with 4 parallel ropes (L=2m) with fine adjusters and electrified ceiling rose. Graphite satin finish

Kit di sospensione a 4 funi parallele L=2m, rosone elettrificato e regolatori millimetrici. Grafite satinato



1800-DN-K006

AXEL C4 IP20

Suspension Kit with 4 parallel ropes (L=2m) with fine adjusters and trimless recessed plate. Embossed White RAL9003 DN

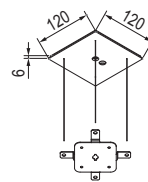
Kit di sospensione a 4 funi parallele L=2m, piastra ad incasso trimless e regolatori millimetrici. Bianco goffrato RAL9003 DN

1800-GR-K006

AXEL C4 IP20

Suspension Kit with 4 parallel ropes (L=2m) with fine adjusters and trimless recessed plate. Graphite satin finish

Kit di sospensione a 4 funi parallele L=2m, piastra ad incasso trimless e regolatori millimetrici. Grafite satinato



1800-DN-K002

AXEL C9 IP20

Suspension Kit with 4 parallel ropes (L=2m) with fine adjusters and ceiling plate. Embossed White RAL9003 DN

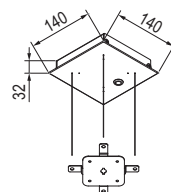
Kit di sospensione a 4 funi parallele L=2m, piastra a soffitto e regolatori millimetrici. Bianco goffrato RAL9003 DN

1800-GR-K002

AXEL C9 IP20

Suspension Kit with 4 parallel ropes (L=2m) with fine adjusters and ceiling plate. Graphite satin finish

Kit di sospensione a 4 funi parallele L=2m, piastra a soffitto e regolatori millimetrici. Grafite satinato



1800-DN-K004

AXEL C9 IP20

Suspension Kit with 4 parallel ropes (L=2m) with fine adjusters and electrified ceiling rose. Embossed White RAL9003 DN

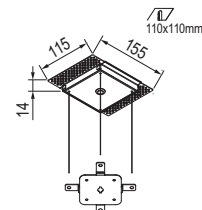
Kit di sospensione a 4 funi parallele L=2m, rosone elettrificato e regolatori millimetrici. Bianco goffrato RAL9003 DN

1800-GR-K004

AXEL C9 IP20

Suspension Kit with 4 parallel ropes (L=2m) with fine adjusters and electrified ceiling rose. Graphite satin finish

Kit di sospensione a 4 funi parallele L=2m, rosone elettrificato e regolatori millimetrici. Grafite satinato



1800-DN-K007

AXEL C9 IP20

Suspension Kit with 4 parallel ropes (L=2m) with fine adjusters and trimless recessed plate. Embossed White RAL9003 DN

Kit di sospensione a 4 funi parallele L=2m, piastra ad incasso trimless e regolatori millimetrici. Bianco goffrato RAL9003 DN

1800-GR-K007

AXEL C9 IP20

Suspension Kit with 4 parallel ropes (L=2m) with fine adjusters and trimless recessed plate. Graphite satin finish

Kit di sospensione a 4 funi parallele L=2m, piastra ad incasso trimless e regolatori millimetrici. Grafite satinato



AXEL with
Suspension Kit
AXEL con kit
di sospensione



BE





Tipology / Tipologia

WALL-WASHER
SPOT LIGHTS, CEILING
WALL MOUNTED
COVE LIGHTING
WALL-WASHER
PROIETTORI
PLAFONE, PARETE
APPOGGIO

BE was designed to be the most compact technical high flux floodlight on the market. Based on the wide optical range and modularity of SLED system, BE can meet any project need: facades lighting, industrial perimeters or large surfaces, for indirect lighting or projection. Different models for outdoor or indoor use, with flux range from 3600lm to 7300lm. *BE nasce per essere il proiettore tecnico ad alto flusso più compatto sul mercato. Avendo a disposizione l'ampia gamma ottica e la modularità del sistema SLED, può soddisfare molte necessità di progetto: dall'illuminamento di facciate, a perimetri industriali o grandi superfici, per l'illuminazione indiretta o di proiezione. È disponibile nelle versioni per l'uso in ambienti esterni o interni, con un range di flusso dai 3600lm ai 7300lm.*

ENVIRONMENTS
CONTESTI

Façades and architectural works, art and culture, industrial areas, places of worship
Facciate e architetture, arte e cultura, industria, luoghi di culto

Colours / Colori

STANDARD / BASE

Embossed white RAL 9003 / *Bianco goffrato RAL 9003*
Graphite satin finish / *Grafite satinato*

Characteristics Caratteristiche

CONSTRUCTION
COSTRUZIONE

Housing made of AISI 304 stainless steel brake-formed and fully TIG welded, powder-coated.
Struttura in lamiera di acciaio inox AISI 304 pressopiegata, elettrosaldata a TIG, verniciata a polvere.

OPTICAL SYSTEM
SISTEMA OTTICO

IP20: SLED optical system with UV resistant PC lenses.
IP65: SLED optical system with PC lenses and antiscratch UV resistant treatment.
IP20: Sistema ottico SLED con lenti in PC anti UV.
IP65: Sistema ottico SLED con lenti in PC con trattamento antigraffio anti UV.

SOURCES / SORGENTI

LED CRI>80 MacAdam 2

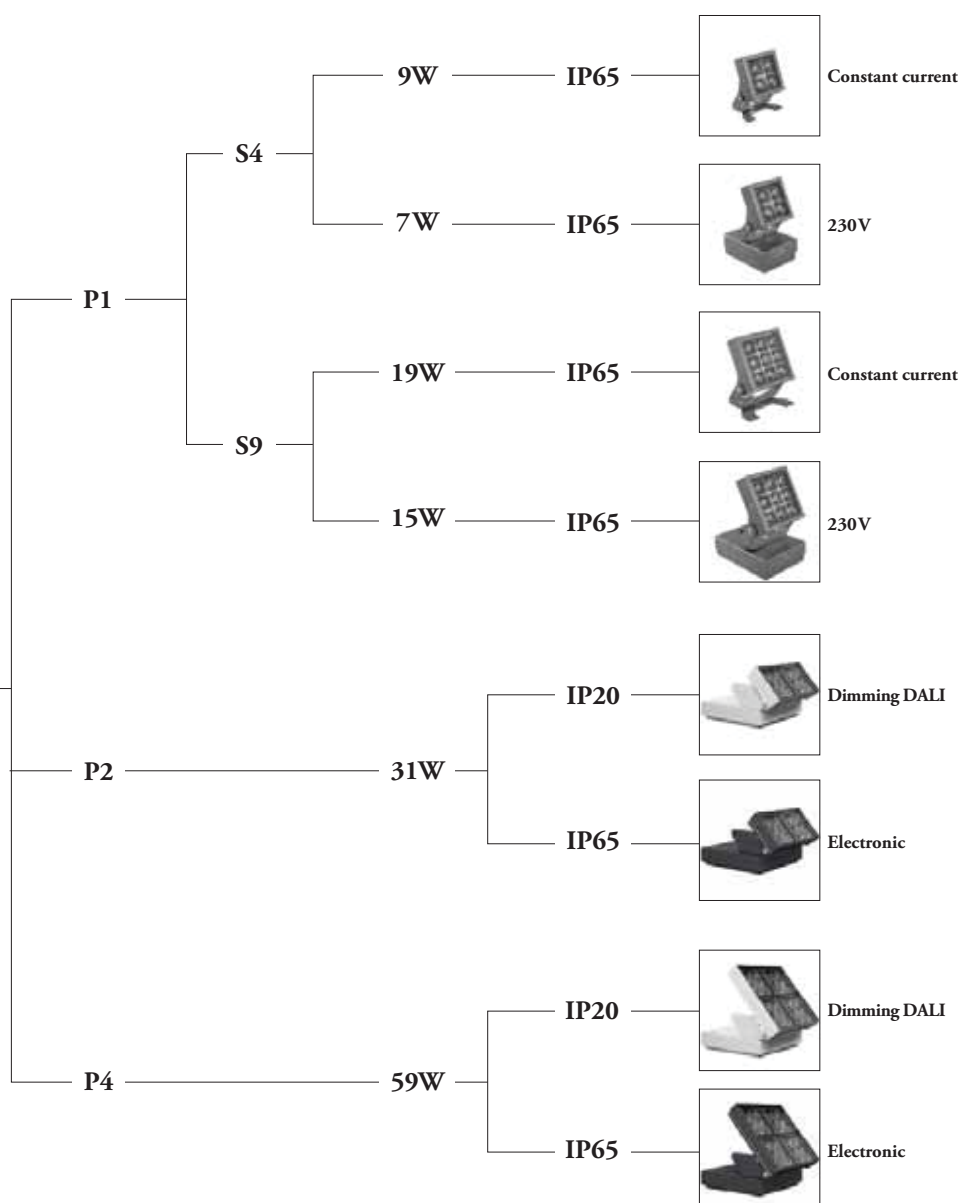
LIFETIME

50.000h L80B10 (Ta=25°C)

STANDARDS / NORME
DIRECTIVES / DIRETTIVE

To see page / *Vedere pagina 159*



BESPOT LIGHTS
*PROIETTORI*CEILING
*PLAFONE*WALL MOUNTED
*PARETE*COVE LIGHTING
APPOGGIO



Houssini surface decor - Stuttgart - Germany



SUPERIOR QUALITY FOR PERFORMANCE OF BE
 QUALITÀ SUPERIORE PER LE PERFORMANCE DI BE

The product rated service life is 50.000 hours for L80 B10 in 25°C ambient.
 La durata di vita del prodotto è di 50.000 ore in ambiente a 25°C.



BE P1 S4

Flux higher than
Flusso superiore a:

constant current **1.000 + lm**

230V **750 + lm**

Consumption/Consumi

constant current **9W**

230V **7W**



BE P1 S9

Flux higher than
Flusso superiore a:

constant current **2.200 + lm**

230V **1.600 + lm**

Consumption/Consumi

constant current **19W**

230V **15W**



BE P2

Flux higher than
Flusso superiore a:

3.500 + lm

Consumption/Consumi

31W



BE P4

Flux higher than
Flusso superiore a:

7.000 + lm

Consumption/Consumi

59W



ADJUSTABLE ORIENTABILE

The essential construction ensures accuracy and ergonomics in many contexts. A laser engraved ring allows to adjust the beam according to the project needs.

L'essenzialità costruttiva assicura accuratezza ed ergonomia in molti contesti. Una ghiera incisa a laser permette di orientare il fascio secondo le specifiche di progetto.

EASY AND COMPACT SEMPLICE E COMPATTO

BE is the most compact high technical floodlight. The dimensions allow a total project flexibility, light weight and easy installation.

***BE** è il più compatto proiettore tecnico ad alto flusso luminoso. Le ridotte dimensioni permettono una flessibilità di progetto totale, la leggerezza consente un'installazione agevole.*



STAINLESS STEEL HOUSING
STRUTTURA IN ACCIAIO INOX

**7.000 lm
output**



BEAM ADJUSTING
ORIENTAMENTO DEI FASCI



THROUGHOUT THE SCREWS IT IS POSSIBLE TO POINT THE ASYMMETRICAL OPTIC ON THE PROPER SIDE AND TO ASSEMBLE THE OPTICAL ACCESSORIES.
TRAMITE LE VITI È POSSIBILE ORIENTARE L'OTTICA ASIMMETRICA SUL LATO CORRETTO E MONTARE GLI ACCESSORI OTTICI.



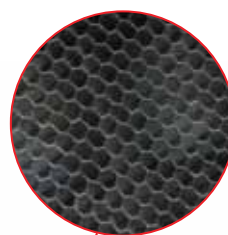
OPTICAL ACCESSORIES
ACCESSORI OTTICI



diffuser lens
filtro diffondente



honey comb louver
filtro antiabbagliamento

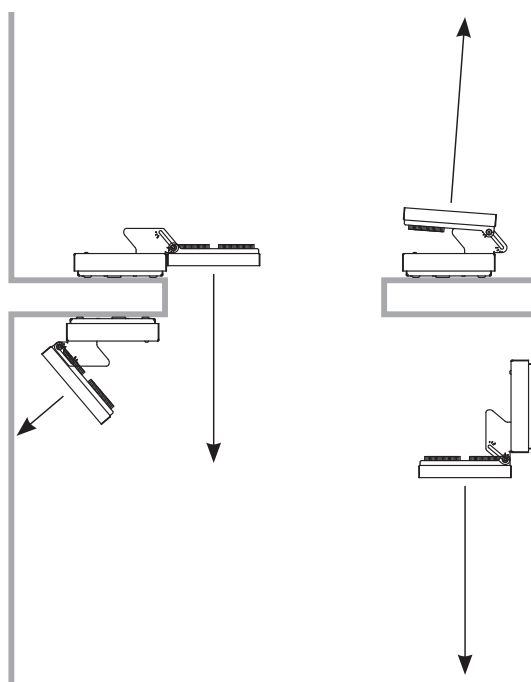


adjustable barn doors
alette frangiluce

Photometric <i>Fotometrie</i>	BE P1 S4	BE P1 S9	BE P2	BE P4
NB NARROW BEAM FASCIO STRETTO				
SB SPOT BEAM FASCIO SPOT				
DK DARK				
OV OVAL OVALE				
AS ASYMMETRIC ASIMMETRICO				
WS WALL WASHER				

APPLICATION: OUTDOOR/INDOOR
APPLICAZIONI: ESTERNO/INTERNO

- facades/facciate
- architectural lighting/luce architettuale
- wall washing/wall washing
- uplighting/illuminazione verso l'alto
- large areas/grandi aree
- lighting effects/effetti luminosi
- indirect lighting/luce indiretta
- exhibition areas/aree espositive



BE P1 S4

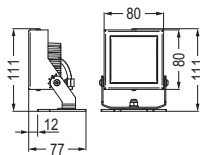
WALL-WASHER,
SPOT LIGHTS, CEILING,
WALL MOUNTED,
COVE LIGHTING
WALL-WASHER,
PROIETTORI, PLAFONE,
PARETE, APPOGGIO

SLED optical system with
UV resistant PC lenses.

Sistema ottico SLED con lenti
in PC anti UV.

Note: Available on request
color temperature 3000K
and 4000K CRI>90

Nota: Temperature colore 3000K e
4000K CRI>90 disponibili a richiesta.



BE P1 S4 constant current

CE SLED IK08 IP65

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1214-GR-0001	9W	NB	3000K CRI>80	961 lm	0,5
1214-GR-0003	9W	NB	4000K CRI>80	1027 lm	0,5
1214-GR-0005	9W	SB	3000K CRI>80	929 lm	0,5
1214-GR-0007	9W	SB	4000K CRI>80	994 lm	0,5

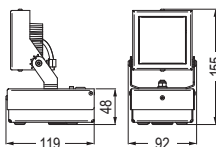
WALL-WASHER,
SPOT LIGHTS, CEILING,
WALL MOUNTED,
COVE LIGHTING
WALL-WASHER,
PROIETTORI, PLAFONE,
PARETE, APPOGGIO

SLED optical system with
UV resistant PC lenses.

Sistema ottico SLED con lenti
in PC anti UV.

Note: Available on request
color temperature 3000K
and 4000K CRI>90

Nota: Temperature colore 3000K e
4000K CRI>90 disponibili a richiesta.



BE P1 S4 230V

CE SLED IK08 IP65

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1216-GR-0001	7W	NB	3000K CRI>80	722 lm	0,9
1216-GR-0003	7W	NB	4000K CRI>80	772 lm	0,9
1216-GR-0005	7W	SB	3000K CRI>80	699 lm	0,9
1216-GR-0007	7W	SB	4000K CRI>80	748 lm	0,9

Optional accessoires Accessori opzionali

Optical Optica

Mounting Montaggio



1200-GR-K001

Aluminum adjustable barn
doors for BE P1 S4.
Alette frangiluce orientabili in
alluminio per modello BE P1 S4.



1200-GR-K003

Diffused beam lens for
external mounting to
BE P1 S4.
Lente a fascio diffondente
applicabile esternamente
per modello BE P1 S4.



1200-GR-K007

Honey comb anti-glare louver
for external mounting to
BE P1 S4. Recommended for
Narrow beam NB.
Griglia anti abbagliamento a
celle a nido d'ape applicabile
esternamente per modello
BE P1 S4, consigliato per
fascio stretto NB.



D55/0-PZ

Ground fixing spike.
Picchetto di infissione.

BE P1 S9

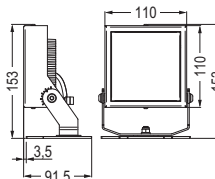
WALL-WASHER,
SPOT LIGHTS, CEILING,
WALL MOUNTED,
COVE LIGHTING
WALL-WASHER,
PROIETTORI, PLAFONE,
PARETE, APPOGGIO

SLED optical system with PC lenses
and antiscratch UV resistant
treatment.

Sistema ottico SLED con lenti in PC
con trattamento antigraffio anti UV.

Note: Available on request
color temperature 3000K
and 4000K CRI>90

Nota: Temperature colore 3000K e
4000K CRI>90 disponibili a richiesta.



BE P1 S9 constant current

CE SLED IK08 IP65

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1215-GR-0222	19W	SB	3000K CRI>80	2091 lm	0,8
1215-GR-0224	19W	SB	4000K CRI>80	2236 lm	0,8
1215-GR-0254	19W	AS4	3000K CRI>80	1783 lm	0,8
1215-GR-0256	19W	AS4	4000K CRI>80	1908 lm	0,8
1215-GR-0270	19W	WS4	3000K CRI>80	1764 lm	0,8
1215-GR-0272	19W	WS4	4000K CRI>80	1888 lm	0,8

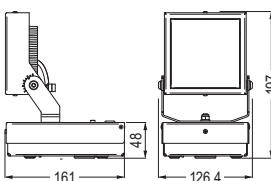
WALL-WASHER,
SPOT LIGHTS, CEILING,
WALL MOUNTED,
COVE LIGHTING
WALL-WASHER,
PROIETTORI, PLAFONE,
PARETE, APPOGGIO

SLED optical system with PC lenses
and antiscratch UV resistant
treatment.

Sistema ottico SLED con lenti in PC
con trattamento antigraffio anti UV.

Note: Available on request
color temperature 3000K
and 4000K CRI>90

Nota: Temperature colore 3000K e
4000K CRI>90 disponibili a richiesta.



BE P1 S9 230V

CE SLED IK08 IP65

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1217-GR-0222	15W	SB	3000K CRI>80	1571 lm	1,6
1217-GR-0224	15W	SB	4000K CRI>80	1680 lm	1,6
1217-GR-0254	15W	AS4	3000K CRI>80	1340 lm	1,6
1217-GR-0256	15W	AS4	4000K CRI>80	1434 lm	1,6
1217-GR-0270	15W	WS4	3000K CRI>80	1326 lm	1,6
1217-GR-0272	15W	WS4	4000K CRI>80	1418 lm	1,6

Optional accessoires Accessori opzionali

Optical Ottica

Mounting Montaggio



1200-GR-K002

Aluminum adjustable barn
doors for BE P1 S9.
Alette frangiluce orientabili
in alluminio per modello
BE P1 S9.



1200-GR-K004

Diffused beam lens for external
mounting to BE P1 S9.
Lente a fascio diffondente
applicabile esternamente
per modello BE P1 S9.



1200-GR-K008

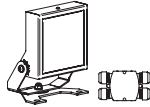
Honey comb anti-glare louver
for external mounting to
BE P1 S9. Recommended
for Narrow beam NB.
Griglia anti abbagliamento a
celle a nido d'ape applicabile
esternamente per modello
BE P1 S9, consigliato per
fascio stretto NB.



D55/0-PZ

Ground fixing spike.
Picchetto di infissione.

BE P1 Drivers / N. devices

				DEVICE NR. / N° APPARECCHI			
				Constant current		Constant voltage *	
							
Code Codice	Description	Descrizione	Dimming Dimmerazione	S4	S9	S4 + ACS/DC-DC-1	S9 + ACS/DC-DC-2
 RT/2030	Independent IP20 multipower driver supplied with dip-switch for the selection of the output current. Max 19W (350mA), 20W (500mA, 700mA), 16W (24V)	<i>Alimentatore multipotenza indipendente IP20 fornito di dip-switch per la selezione della corrente in uscita. Potenza massima 19W (350mA), 20W (500mA, 700mA), 16W (24V)</i>		2	1	1	
 RT/2051	DALI dimmable Independent IP20 multipower driver supplied with dip-switch for the selection of the output current. Max 15W (350mA), 20W (500mA, 700mA), 16W (24V).	<i>Alimentatore dimmerabile DALI multipotenza indipendente IP20 fornito di dip-switch per la selezione della corrente in uscita. Potenza massima 15W (350mA), 20W (500mA, 700mA), 16W (24V).</i>	DALI	2	1	1	
 REL0701	1..10V dimmable Independent IP20 multipower driver supplied with dip-switch for the selection of the output current. Max 19W (350mA), 25W (500mA, 600mA), 17W (24V).	<i>Alimentatore dimmerabile 1..10V multipotenza indipendente IP20 fornito di dip-switch per la selezione della corrente in uscita. Potenza massima 19W (350mA), 25W (500mA, 600mA), 17W (24V).</i>	1..10V	3	1	1	
 REL0715	Independent IP20 multipower driver supplied with dip-switch for the selection of the output current. Max 15W (350mA), 24W (500mA), 32W (700mA), 20W (24V).	<i>Alimentatore multipotenza indipendente IP20 fornito di dip-switch per la selezione della corrente in uscita. Potenza massima 15W (350mA), 24W (500mA), 32W (700mA), 20W (24V).</i>		3	1	2	1
 REL0687	DALI dimmable Independent IP20 multipower driver supplied with dip-switch for the selection of the output current. Max 15W (350mA), 24W (500mA), 32W (700mA), 20W (24V).	<i>Alimentatore dimmerabile DALI multipotenza indipendente IP20 fornito di dip-switch per la selezione della corrente in uscita. Potenza massima 15W (350mA), 24W (500mA), 32W (700mA), 20W (24V).</i>	DALI	3	1	2	1
 PSU/E009	Independent IP20 multipower driver supplied with dip-switch for the selection of the output current. Max 25W (350mA), 35W (500mA), 50W (700mA).	<i>Alimentatore multipotenza indipendente IP20 fornito di dip-switch per la selezione della corrente in uscita. Potenza massima 25W (350mA), 35W (500mA), 50W (700mA).</i>		5	2		
 RT/2020	DALI dimmable Independent IP20 multipower driver supplied with dip-switch for the selection of the output current. Max 25W (350mA), 35W (500mA), 50W (700mA).	<i>Alimentatore dimmerabile DALI multipotenza indipendente IP20 fornito di dip-switch per la selezione della corrente in uscita. Potenza massima 25W (350mA), 35W (500mA), 50W (700mA).</i>	DALI	5	2		
 D64/D100-01	Electronic power supply designed to mount on a DIN standard profile 120W - Vin=100-264V-AC 47-63Hz Vout=24V.	<i>Alimentatore elettronico da guida DIN 120W - Vin=100-264V-AC 47-63Hz Vout=24V.</i>				13	6
 D64/D300-01	Electronic power supply designed to mount on a DIN standard profile 240W - Vin=100-264V-AC 47-63Hz Vout=24V.	<i>Alimentatore elettronico da guida DIN 240W - Vin=100-264V-AC 47-63Hz Vout=24V.</i>				26	12
 D64/D50D-03	Electronic power supply IP20 60W - Vin=230-264V-AC Vout=24V.	<i>Alimentatore elettronico IP20 60W - Vin=230-264V-AC Vout=24V.</i>				6	3
 MEC6107	100W IP20 Independent Electronic Remote Driver.	<i>Driver Indipendente Elettronico IP20 100W.</i>				11	5
 MEC6101	60W IP67 Electronic Remote Driver.	<i>Driver Elettronico IP67 60W.</i>				6	3
 MEC6103	100W IP67 Electronic Remote Driver.	<i>Driver Elettronico IP67 100W.</i>				11	5
 D64/D100D-02	Extraction key + Electronic power supply IP65 100W Dimm DALI - Vin=230-264V-AC Vout=24V.	<i>Chiave di estrazione + Alimentatore elettronico IP65 100W Dimm DALI - Vin=230-264V-AC Vout=24V.</i>	DALI			11	5

Optional accessories Accessori opzionali

Electrical Elettrico



ACS/DC-DC-1

IP68 converter from 24V to 700mA constant current, suitable for looping connection. To drive a BE P1 S4 Constant Current.
Convertitore da tensione 24V a corrente costante 700mA, IP68, predisposto per connessione entra ed esci. Idoneo per alimentare un apparecchio BE P1 S4 Constant Current.



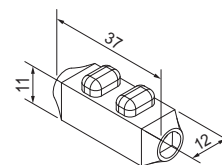
ACS/DC-DC-2

IP68 converter from 24V to 700mA constant current, suitable for looping connection. To drive a BE P1 S9 Constant Current.
Convertitore da tensione 24V a corrente costante 700mA, IP68, predisposto per connessione entra ed esci. Idoneo per alimentare un apparecchio BE P1 S9 Constant Current.



MEC6095

2 poles connector IP68.
Connettore IP68 2 poli.

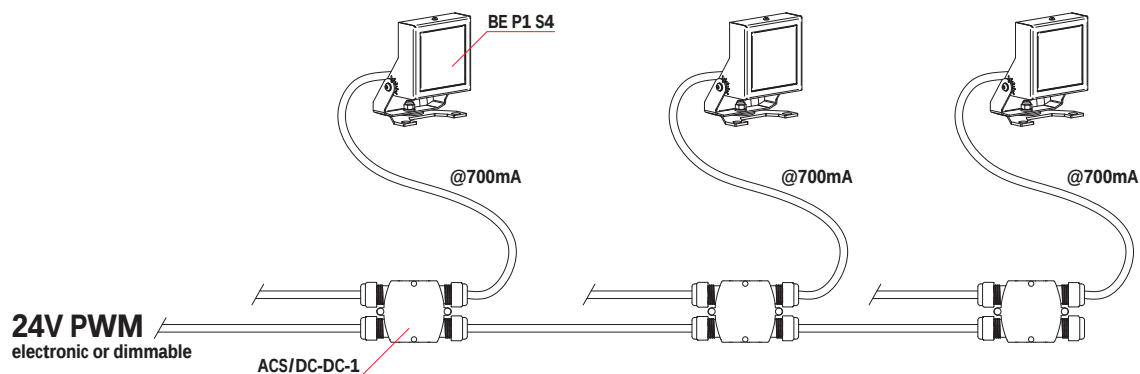


MEC6283

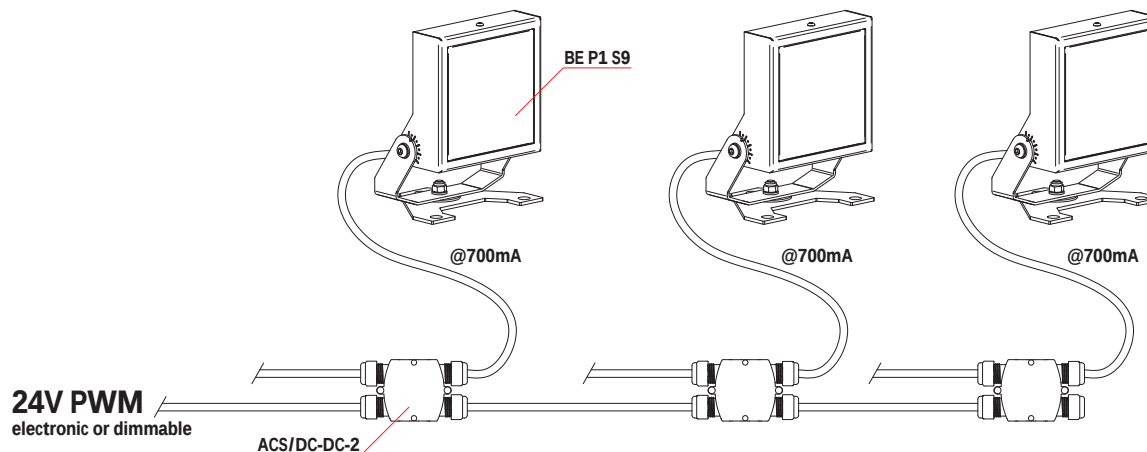
2 poles disposable connector IP67 (0.35 - 0.5mm²).
Connettore monouso IP67 2 poli (0,35 - 0,5mm²).

* Constant Voltage looping installation Installazione entra-esci tensione costante

BE P1 S4 constant current with ACS/DC-DC-1



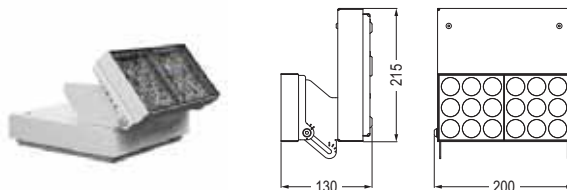
BE P1 S9 constant current with ACS/DC-DC-2



BE P2 IP20

WALL-WASHER,
SPOT LIGHTS, CEILING,
WALL MOUNTED,
COVE LIGHTING
WALL-WASHER,
PROIETTORI, PLAFONE,
PARETE, APPOGGIO

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



BE P2 IP20 complete with Electronic driver/completo con driver Elettronico




IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1203-DN-0793	31W	NB	3000K	3246 lm	3,1
1203-DN-0795	31W	NB	4000K	3473 lm	3,1
1203-DN-0797	31W	SB	3000K	3142 lm	3,1
1203-DN-0799	31W	SB	4000K	3360 lm	3,1
1203-DN-0801	31W	DK	3000K	3182 lm	3,1
1203-DN-0803	31W	DK	4000K	3404 lm	3,1
1203-DN-0809	31W	OV1/3	3000K	2792 lm	3,1
1203-DN-0811	31W	OV1/3	4000K	2987 lm	3,1
1203-DN-0821	31W	AS2	3000K	2680 lm	3,1
1203-DN-0823	31W	AS2	4000K	2867 lm	3,1
1203-DN-0845	31W	WS4	3000K	2651 lm	3,1
1203-DN-0847	31W	WS4	4000K	2835 lm	3,1

BE P2 IP20 complete with DALI driver/completo con driver DALI



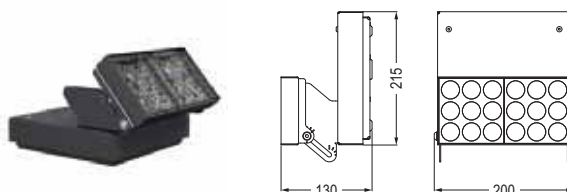

IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1204-DN-0793	31W	NB	3000K	3246 lm	2,8
1204-DN-0795	31W	NB	4000K	3473 lm	2,8
1204-DN-0797	31W	SB	3000K	3142 lm	2,8
1204-DN-0799	31W	SB	4000K	3360 lm	2,8
1204-DN-0801	31W	DK	3000K	3182 lm	2,8
1204-DN-0803	31W	DK	4000K	3404 lm	2,8
1204-DN-0809	31W	OV1/3	3000K	2792 lm	2,8
1204-DN-0811	31W	OV1/3	4000K	2987 lm	2,8
1204-DN-0821	31W	AS2	3000K	2680 lm	2,8
1204-DN-0823	31W	AS2	4000K	2867 lm	2,8
1204-DN-0845	31W	WS4	3000K	2651 lm	2,8
1204-DN-0847	31W	WS4	4000K	2835 lm	2,8

BE P2 IP65

WALL-WASHER,
SPOT LIGHTS, CEILING,
WALL MOUNTED,
COVE LIGHTING
WALL-WASHER,
PROIETTORI, PLAFONE,
PARETE, APPOGGIO

SLED optical system with
PC lenses and antiscratch UV
resistant treatment.
Sistema ottico SLED con lenti in PC
con trattamento antigraffio anti UV.



BE P2 IP65 complete with Electronic driver/completo con driver Elettronico



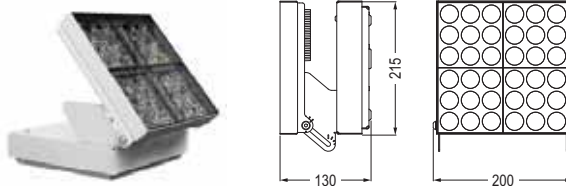

IK08 IP65

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1201-GR-0794	31W	NB	3000K	3246 lm	3,2
1201-GR-0796	31W	NB	4000K	3473 lm	3,2
1201-GR-0798	31W	SB	3000K	3142 lm	3,2
1201-GR-0800	31W	SB	4000K	3360 lm	3,2
1201-GR-0802	31W	DK	3000K	3182 lm	3,2
1201-GR-0804	31W	DK	4000K	3404 lm	3,2
1201-GR-0810	31W	OV1/3	3000K	2792 lm	3,2
1201-GR-0812	31W	OV1/3	4000K	2987 lm	3,2
1201-GR-0822	31W	AS2	3000K	2680 lm	3,2
1201-GR-0824	31W	AS2	4000K	2867 lm	3,2
1201-GR-0846	31W	WS4	3000K	2651 lm	3,2
1201-GR-0848	31W	WS4	4000K	2835 lm	3,2

BE P4 IP20

WALL-WASHER,
SPOT LIGHTS, CEILING,
WALL MOUNTED,
COVE LIGHTING
WALL-WASHER,
PROIETTORI, PLAFONE,
PARETE, APPOGGIO

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



BE P4 IP20 complete with DALI driver/completo con driver DALI





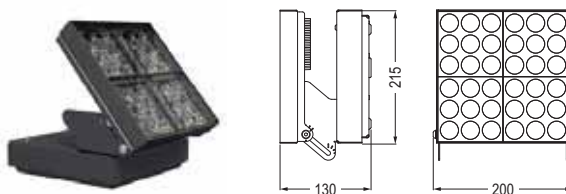
IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1208-DN-2809	59W	NB	3000K	6491 lm	4,4
1208-DN-2811	59W	NB	4000K	6944 lm	4,4
1208-DN-2813	59W	SB	3000K	6282 lm	4,4
1208-DN-2815	59W	SB	4000K	6720 lm	4,4
1208-DN-2817	59W	DK	3000K	6364 lm	4,4
1208-DN-2819	59W	DK	4000K	6808 lm	4,4
1208-DN-2829	59W	OV2/4	3000K	5582 lm	4,4
1208-DN-2831	59W	OV2/4	4000K	5972 lm	4,4
1208-DN-2841	59W	AS3	3000K	5359 lm	4,4
1208-DN-2843	59W	AS3	4000K	5732 lm	4,4
1208-DN-2849	59W	WS1	3000K	5300 lm	4,4
1208-DN-2851	59W	WS1	4000K	5669 lm	4,4

BE P4 IP65

WALL-WASHER,
SPOT LIGHTS, CEILING,
WALL MOUNTED,
COVE LIGHTING
WALL-WASHER,
PROIETTORI, PLAFONE,
PARETE, APPOGGIO

SLED optical system with
PC lenses and antiscratch UV
resistant treatment.
Sistema ottico SLED con lenti in PC
con trattamento antigraffio anti UV.



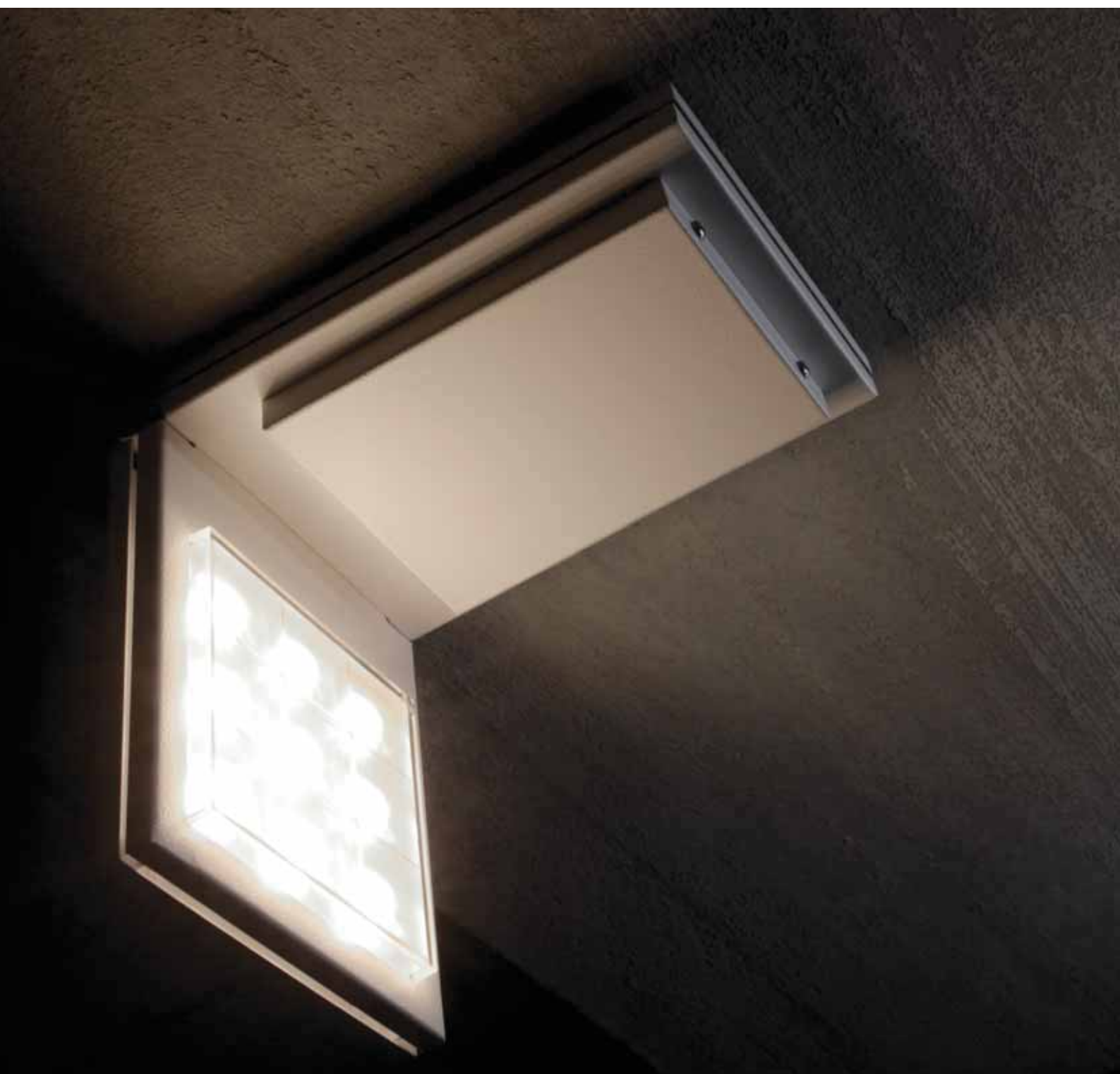
BE P4 IP65 complete with Electronic driver/completo con driver Elettronico



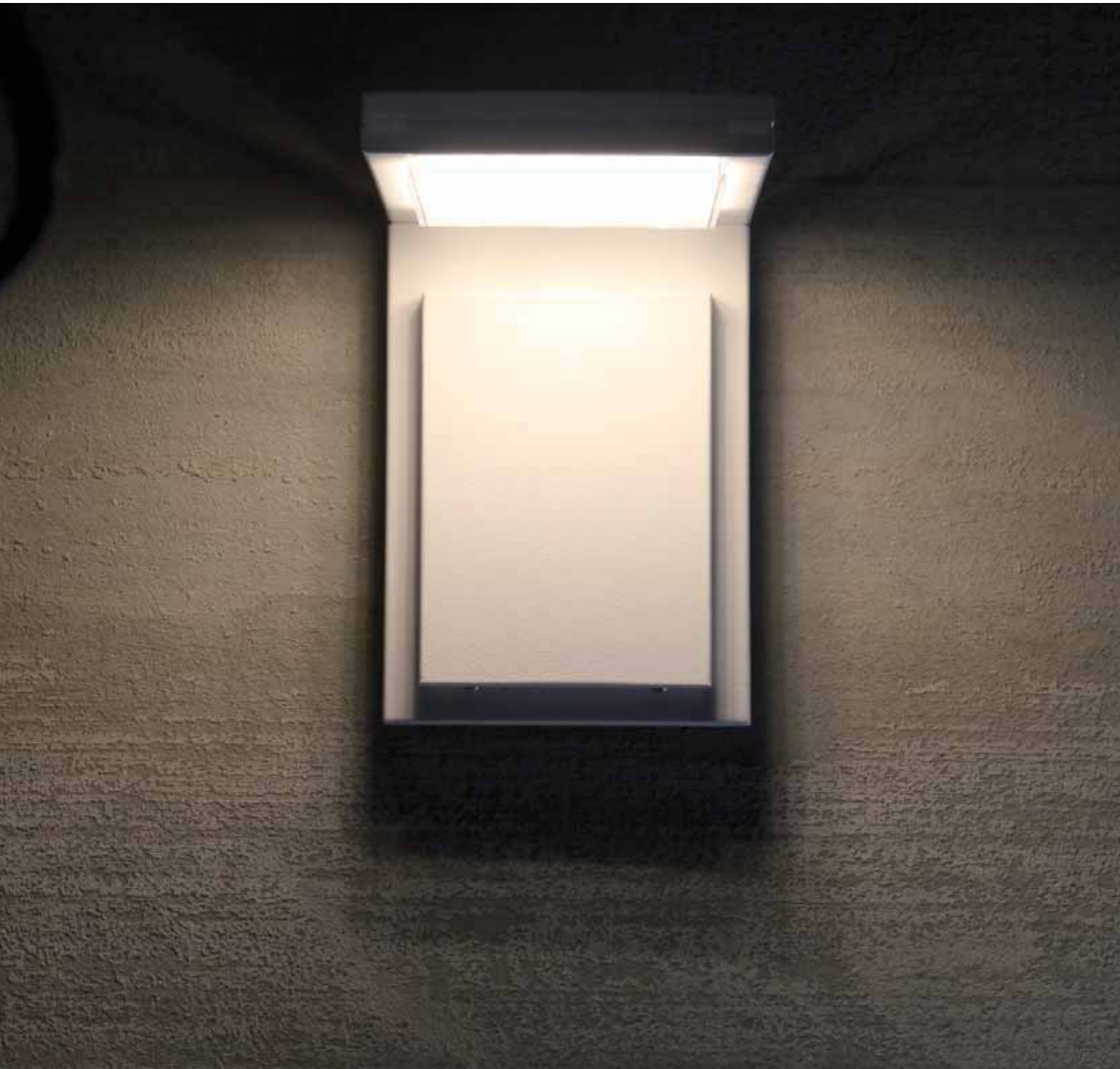


IK08 IP65

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1205-GR-2810	59W	NB	3000K	6491 lm	4,3
1205-GR-2812	59W	NB	4000K	6944 lm	4,3
1205-GR-2814	59W	SB	3000K	6282 lm	4,3
1205-GR-2816	59W	SB	4000K	6720 lm	4,3
1205-GR-2818	59W	DK	3000K	6364 lm	4,3
1205-GR-2820	59W	DK	4000K	6808 lm	4,3
1205-GR-2830	59W	OV2/4	3000K	5582 lm	4,3
1205-GR-2832	59W	OV2/4	4000K	5972 lm	4,3
1205-GR-2842	59W	AS3	3000K	5359 lm	4,3
1205-GR-2844	59W	AS3	4000K	5732 lm	4,3
1205-GR-2850	59W	WS1	3000K	5300 lm	4,3
1205-GR-2852	59W	WS1	4000K	5669 lm	4,3



BOOK





MINIMUM SIZE SUITABLE FOR
SMALL SPACES
*DIMENSIONE MINIMA ADATTO A
PICCOLI SPAZI*



Flux higher than/Flusso superiore a:

1.600 + lumens

Total consumption/Consumi totali:

15W

HIGH PERFORMANCES
FOR TECHNICAL FLOODLIGHTING
*ELEVATE PRESTAZIONI
DI ILLUMINAZIONE TECNICA*



Flux higher than/Flusso superiore a:

2.200 + lumens

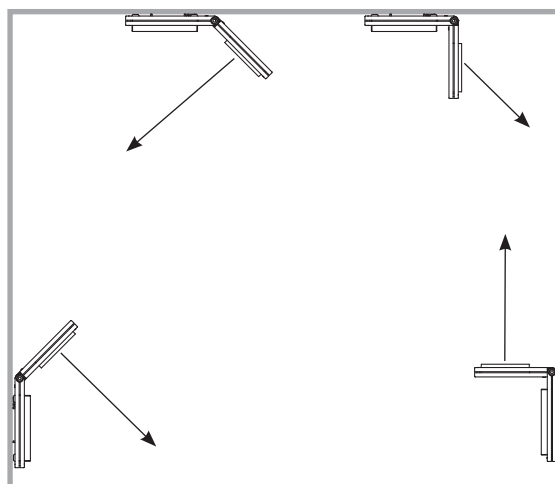
Total consumption/Consumi totali:

21W

BEAM RANGE FOR A TOTAL FLEXIBILITY
GAMMA DI EMISSIONI PER UNA TOTALE FLESSIBILITÀ

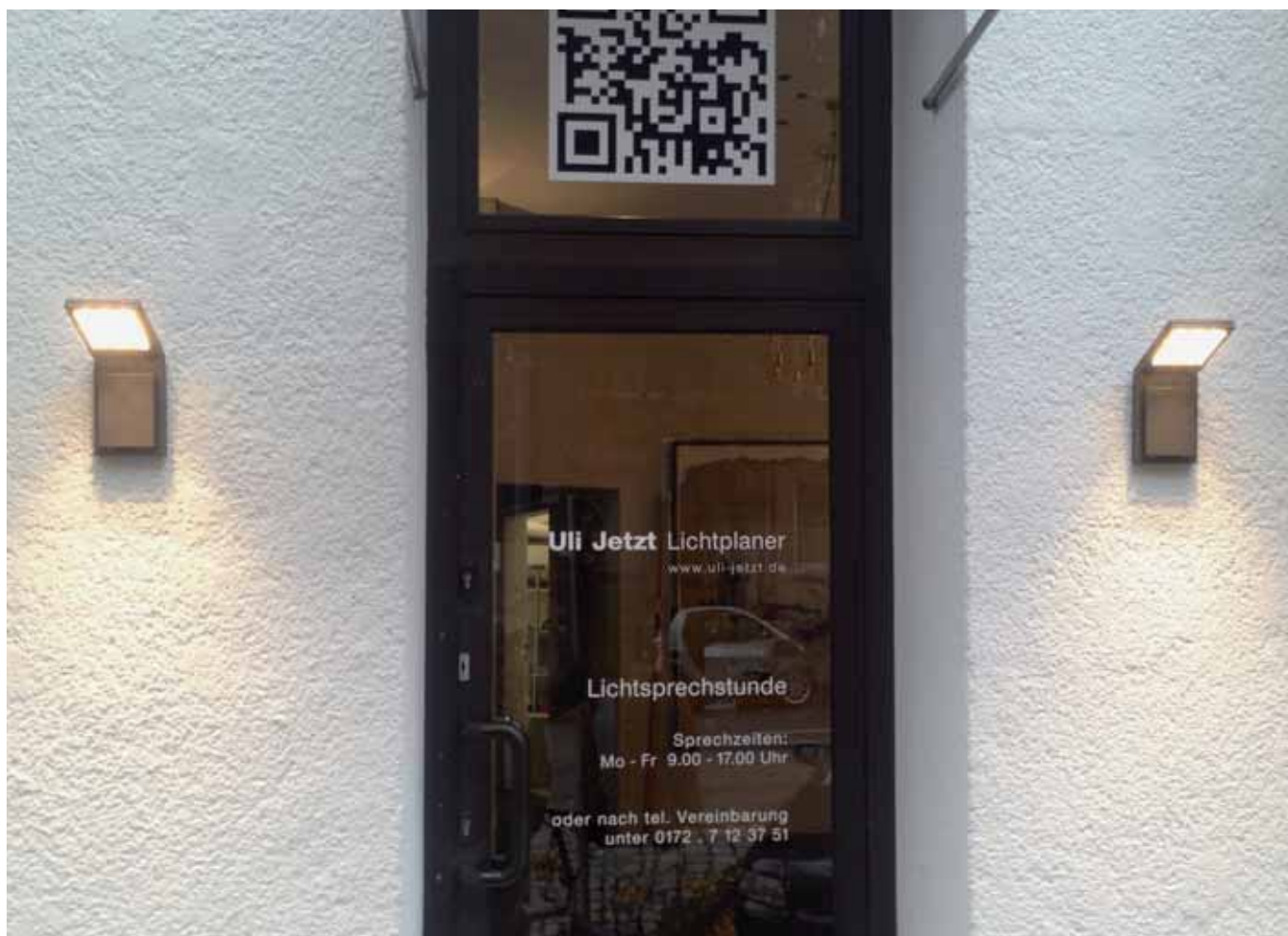
Book's mounting flexibility and 5 different light distributions allow to comply with all the project requirements.

La flessibilità di montaggio e le 5 diverse distribuzioni luminose permettono a Book di soddisfare tutti i requisiti di un progetto.



APPLICATION: OUTDOOR/INDOOR
APPLICAZIONI: ESTERNO/INTERNO

- architectural lighting/ *luce architettuale*
- accent lighting/ *luce di dettaglio*
- wall lighting/ *luce a parete*
- residential pathways/ *percorsi residenziali*
- lighting effects/ *effetti luminosi*



REVERSIBLE EMISSION EMISSIONE RIBALTABILE

The emission can be reversed due to the installation requirement.
L'emissione può essere ribaltata secondo le esigenze d'installazione.



Front emission
Emissione frontale



Rear emission
Emissione posteriore

QUICKAIMINGANDINSTALLATION IMMEDIATO PUNTAMENTO E RAPIDA INSTALLAZIONE

Book is inspired by the adjustability of the light beam: two joined elements that allow immediate aiming according to any need. Easy access to the electrical parts for a quick installation.

Book esprime con la sua forma l'orientabilità del fascio: due elementi che si incontrano e consentono un immediato puntamento secondo qualunque esigenza.

Facile accesso alle componenti permette una veloce installazione.



BOOK



Tipology / Tipologia

WALL-WASHER
CEILING
WALL MOUNTED
COVE LIGHTING
WALL-WASHER
PLAFONE
PARETE
APPOGGIO

Book is the new highly-flexible architectural floodlight fitted with the SLED modular system, patented by Castaldi Lighting. Suitable both for indoor (IP20 version) and outdoor (IP65 version) applications, it can be installed on walls or ceilings. Only 27 mm thick, it consists of a lower compartment housing the electrical components and an upper compartment with SLED light sources. This can be aimed by 90° and turned front to back to direct the light beam according to requirements. BOOK fits all the lighting beams of the SLED modular system, ensuring high performance suitable for every context. Energy consumption is optimised to reduce environmental impact.

Book è il nuovo proiettore architettonico ad alta flessibilità fornito con il sistema modulare SLED, brevetto Castaldi Lighting. Nato sia per l'ambiente indoor (versione IP20) che outdoor (versione IP65), può essere installato a parete o soffitto. Con soli 27 mm di spessore è composto da un vano inferiore che alloggia le componenti elettriche ed uno superiore con sorgenti SLED orientabile di 90° e ribaltabile fronte/retro per indirizzare il fascio secondo le richieste illuminotecniche. BOOK dispone di tutte le ottiche del sistema modulare SLED, garantendo performance elevate adatte ad ogni contesto.

I consumi energetici sono ottimizzati nel pieno rispetto della salvaguardia ambientale.

ENVIRONMENTS
CONTESTI

Façades and architectural works, art and culture, industrial areas, places of worship
Facciate e architetture, spazi d'accesso, arte e cultura, luoghi di culto

Colours / Colori

STANDARD / BASE

Embossed white RAL 9003 / Bianco goffrato RAL 9003
Graphite satin finish / Grafite satinato

Characteristics Caratteristiche

CONSTRUCTION
COSTRUZIONE

IP20: Housing made of brake-formed electrically welded steel plate, powder-coated.

IP65: Housing made of AISI 304 stainless steel brake-formed and fully TIG welded, powder-coated.

IP20: Struttura in lamiera di acciaio presso-piegata, elettrosaldata, verniciata a polvere.

IP65: Struttura in lamiera di acciaio inox AISI 304 presso-piegata, elettrosaldata a TIG, verniciata a polvere.

OPTICAL SYSTEM
SISTEMA OTTICO

IP20: SLED optical system with UV resistant PC lenses.

IP65: SLED optical system with PC lenses and antiscratch UV resistant treatment.

IP20: Sistema ottico SLED con lenti in PC anti UV.

IP65: Sistema ottico SLED con lenti in PC con trattamento antigraffio anti UV.

SOURCES / SORGENTI

LED CRI>80 MacAdam 2

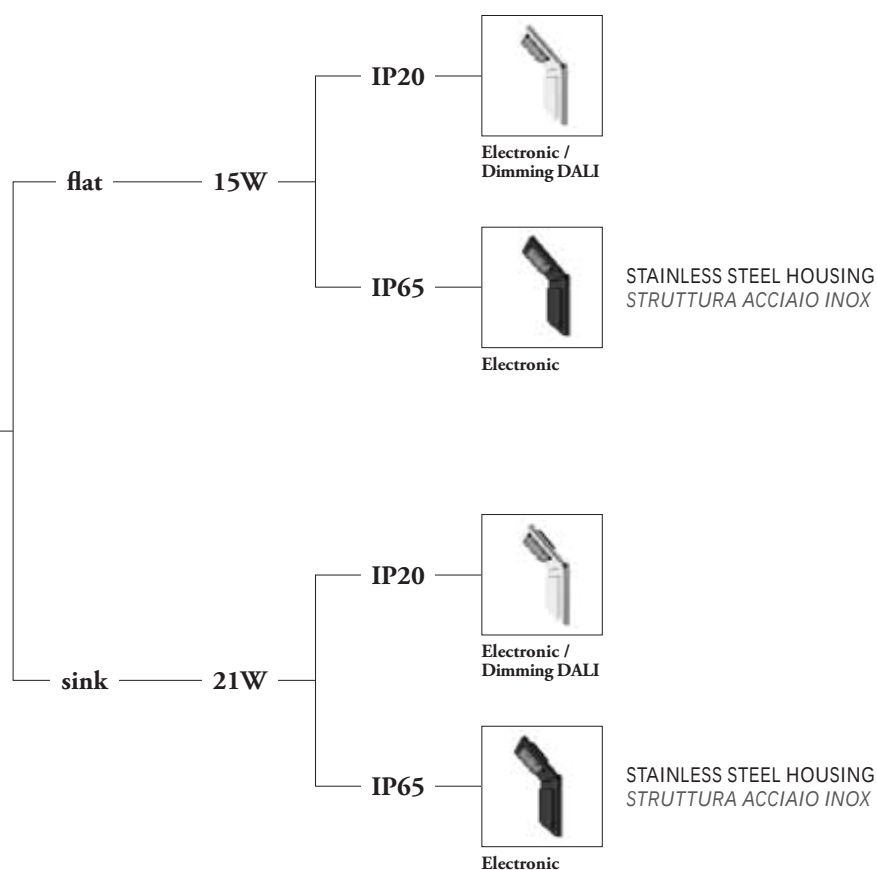
LIFETIME

50.000h L80B10 (Ta=25°C)

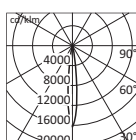
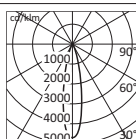
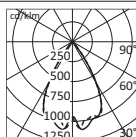
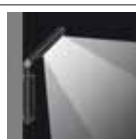
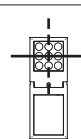
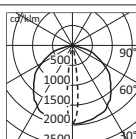
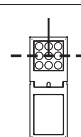
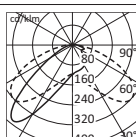
STANDARDS / NORME
DIRECTIVES / DIRETTIVE

To see page / Vedere pagina 159

BOOK

CEILING
PLAFONEWALL MOUNTED
PARETECOVE LIGHTING
APPOGGIO

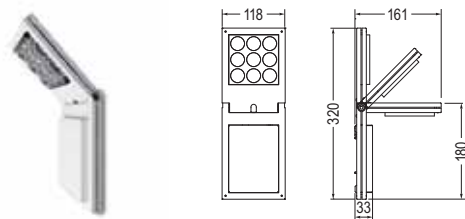
Photometric / Fotometrie

NB
NARROW BEAM
FASCIO STRETTOSB
SPOT BEAM
FASCIO SPOTDK
DARKOV2
OVAL
OVALEAS3
ASYMMETRIC
ASIMMETRICO

BOOK IP20

WALL-WASHER, CEILING,
WALL MOUNTED,
COVE LIGHTING
WALL-WASHER, PLAFONE,
PROIETTORI, PARETE

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



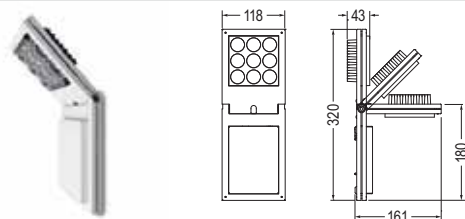
BOOK IP20 flat

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1005-DN-0361	1003-DN-0361	15W	NB	3000K	1572 lm	1,1
1005-DN-0363	1003-DN-0363	15W	NB	4000K	1684 lm	1,1
1005-DN-0365	1003-DN-0365	15W	SB	3000K	1572 lm	1,1
1005-DN-0367	1003-DN-0367	15W	SB	4000K	1684 lm	1,1
1005-DN-0369	1003-DN-0369	15W	DK	3000K	1572 lm	1,1
1005-DN-0371	1003-DN-0371	15W	DK	4000K	1684 lm	1,1
1005-DN-0381	1003-DN-0381	15W	OV2/4	3000K	1520 lm	1,1
1005-DN-0383	1003-DN-0383	15W	OV2/4	4000K	1629 lm	1,1
1005-DN-0393	1003-DN-0393	15W	AS3	3000K	1520 lm	1,1
1005-DN-0395	1003-DN-0395	15W	AS3	4000K	1629 lm	1,1

WALL-WASHER, CEILING,
WALL MOUNTED,
COVE LIGHTING
WALL-WASHER, PLAFONE,
PROIETTORI, PARETE

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



BOOK IP20 sink

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1006-DN-0289	1004-DN-0289	21W	NB	3000K	2091 lm	1,2
1006-DN-0291	1004-DN-0291	21W	NB	4000K	2242 lm	1,2
1006-DN-0293	1004-DN-0293	21W	SB	3000K	2091 lm	1,2
1006-DN-0295	1004-DN-0295	21W	SB	4000K	2242 lm	1,2
1006-DN-0297	1004-DN-0297	21W	DK	3000K	2091 lm	1,2
1006-DN-0299	1004-DN-0299	21W	DK	4000K	2242 lm	1,2
1006-DN-0309	1004-DN-0309	21W	OV2/4	3000K	2023 lm	1,2
1006-DN-0311	1004-DN-0311	21W	OV2/4	4000K	2169 lm	1,2
1006-DN-0321	1004-DN-0321	21W	AS3	3000K	2023 lm	1,2
1006-DN-0323	1004-DN-0323	21W	AS3	4000K	2169 lm	1,2

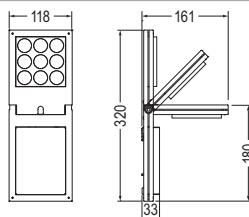


BOOK IP65

WALL-WASHER, CEILING,
WALL MOUNTED,
COVE LIGHTING
WALL-WASHER, PLAFONE,
PROIETTORI, PARETE

SLED optical system with PC lenses
and antiscratch UV resistant
treatment.

Sistema ottico SLED con lenti in PC
con trattamento antigraffio anti UV.



BOOK IP65 flat

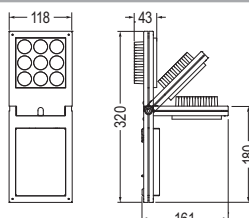
    IK08 IP65

Code EL Codice EL	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1001-GR-0362	15W	NB	3000K	1572 lm	1,1
1001-GR-0364	15W	NB	4000K	1684 lm	1,1
1001-GR-0366	15W	SB	3000K	1572 lm	1,1
1001-GR-0368	15W	SB	4000K	1684 lm	1,1
1001-GR-0370	15W	DK	3000K	1572 lm	1,1
1001-GR-0372	15W	DK	4000K	1684 lm	1,1
1001-GR-0382	15W	OV2/4	3000K	1520 lm	1,1
1001-GR-0384	15W	OV2/4	4000K	1629 lm	1,1
1001-GR-0394	15W	AS3	3000K	1520 lm	1,1
1001-GR-0396	15W	AS3	4000K	1629 lm	1,1

WALL-WASHER, CEILING,
WALL MOUNTED,
COVE LIGHTING
WALL-WASHER, PLAFONE,
PROIETTORI, PARETE

SLED optical system with PC lenses
and antiscratch UV resistant
treatment.

Sistema ottico SLED con lenti in PC
con trattamento antigraffio anti UV.



BOOK IP65 sink

    IK08 IP65

Code EL Codice EL	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1002-GR-0290	21W	NB	3000K	2091 lm	1,2
1002-GR-0292	21W	NB	4000K	2242 lm	1,2
1002-GR-0294	21W	SB	3000K	2091 lm	1,2
1002-GR-0296	21W	SB	4000K	2242 lm	1,2
1002-GR-0298	21W	DK	3000K	2091 lm	1,2
1002-GR-0300	21W	DK	4000K	2242 lm	1,2
1002-GR-0310	21W	OV2/4	3000K	2023 lm	1,2
1002-GR-0312	21W	OV2/4	4000K	2169 lm	1,2
1002-GR-0322	21W	AS3	3000K	2023 lm	1,2
1002-GR-0324	21W	AS3	4000K	2169 lm	1,2



EIDOS





Tipology / Tipologia

TRACK VERSION
MONTAGGIO A BINARIO

Eidos as a family was conceived to be the smallest and thinnest spotlight dedicated to the retail segment, where invisibility of the fittings, let the visitors focus on the goods, and add prestige to the environment. The technical features of the SLED module are a guarantee of highest quality: optical precision, modular flux range, **CRI>90 and MacAdam Step 2 standard**.

To ever control lighting levels, EIDOS fittings are available also with **DALI** dimmer or with an **on board potentiometer**. EIDOS works on standard tracks as well as on EUROSTANDARD PLUS® tracks, it has also a great adjustability, ideal features for accent lighting.

*Eidos nasce per essere il prodotto più sottile e flessibile dedicato all'illuminazione nel Retail, dove l'invisibilità dei punti luce aggiunge prestigio all'area di vendita e concentra l'attenzione del cliente solo sulla merce esposta. SLED garantisce peculiarità tecniche di altissime qualità: massima precisione ottica, gamma di flusso modulare, **CRI>90 e MacAdam Step 2 standard**. Per un totale controllo dei valori d'illuminamento, la gamma Eidos offre versioni **DALI** o versioni con regolazione veloce del flusso tramite **potenziometro on-board**.*

Applicabile su binari standard o su binari tipo EUROSTANDARD PLUS®, e dotato di una generosa orientabilità, Eidos offre una soluzione altamente flessibile per l'illuminazione d'accento.

ENVIRONMENTS
CONTESTI

Retail areas, hallway, conference hall, art and culture, leisure areas, places of worship
Vendita e commercio, spazi d'accesso, sale conferenze, arte e cultura, intrattenimento, luoghi di culto

Colours / Colori

STANDARD / BASE
VARIANT / VARIANTE

Embossed white RAL 9003 / Bianco goffrato RAL 9003
Matt black RAL 9005 / Nero opaco RAL 9005

Characteristics Caratteristiche

CONSTRUCTION
COSTRUZIONE

Housing made of brake-formed electrically welded steel plate, powder-coated. Die-cast aluminium joint. Polycarbonate adapter. Powder painting after passivation.
Struttura in lamiera di acciaio presso-piegata, elettrosaldata, verniciata a polvere. Giunto in pressofusione di alluminio. Adattatore in polycarbonato. Verniciatura a polveri previa passivazione.

OPTICAL SYSTEM
SISTEMA OTTICO

SLED optical system with UV resistant PC lenses.
Sistema ottico SLED con lenti in PC anti UV.

SOURCES / SORGENTI

LED CRI>90 MacAdam 2 - LED CRI>80 MacAdam 2

LIFETIME

50.000h L80B10 (Ta=25°C)

WIRING
CABLAGGIO ELETTRICO

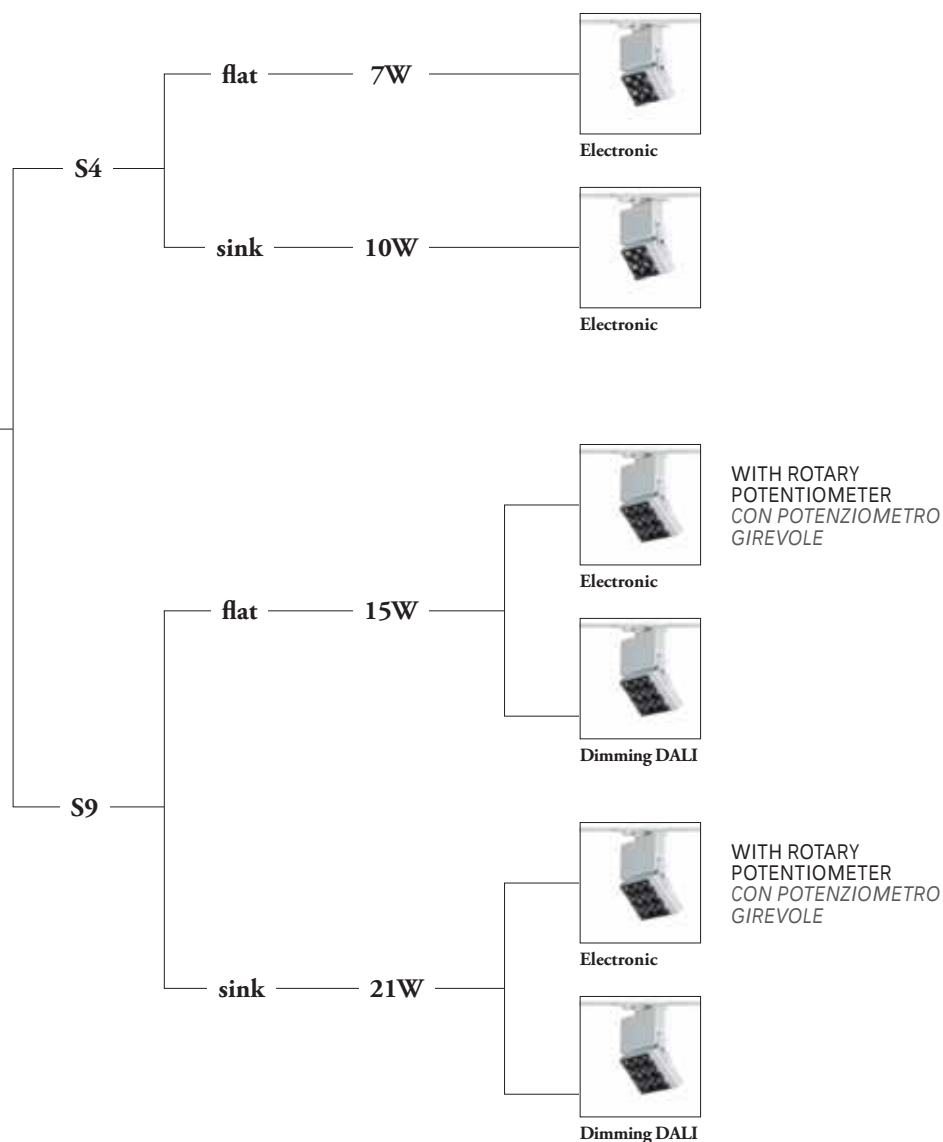
Electrical harness wired for 220-240V/50-60Hz power supply. 6 conductors adapter (3 Phase + N + control system) with phase selector. Compatible with EUROSTANDARD PLUS® tracks.
Cablaggio elettrico alimentato a 220-240V/50-60Hz. Adattatore a 6 conduttori (3 Fasi + N + sistema di controllo) con selettore di fase. Compatibile con binari EUROSTANDARD PLUS®.

STANDARDS / NORME
DIRECTIVES / DIRETTIVE

To see page / Vedere pagina 159

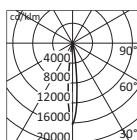
EIDOS

TRACK VERSION
MONTAGGIO
A BINARIO



Photometric
Fotometrie

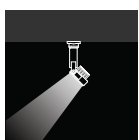
NB
NARROW BEAM
FASCIO STRETTO



EIDOS S4 FLAT



EIDOS S4 SINK



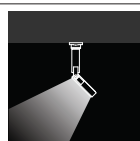
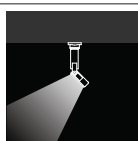
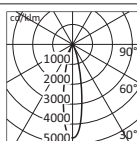
EIDOS S9 FLAT



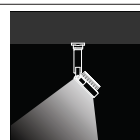
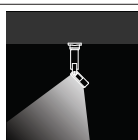
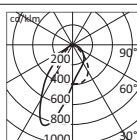
EIDOS S9 SINK



SB
SPOT BEAM
FASCIO SPOT



WS
WALL WASHER



PERFORMANCE

Compactness without renouncing the performance,
illuminate without being protagonists;
here are the secrets of the success of Eidos.

*Compattezza senza rinunciare alle performances,
illuminare senza essere protagonisti;
ecco i segreti del successo di Eidos.*



EIDOS sink

	Output flux up to Flusso uscente fino a	System power Potenza sistema	Efficiency Rendimento
	1.028 lm	10 W	102,8 lm/W
	2.312 lm	21 W	110 lm/W

EIDOS flat

	Output flux up to Flusso uscente fino a	System power Potenza sistema	Efficiency Rendimento
	772 lm	7W	110,2 lm/W
	1.737 lm	15W	115,8 lm/W

REAL DIMENSION DIMENSIONI REALI

COMPATIBILITY COMPATIBILITÀ

All Eidos products come with a 6-conductors adapter (3 Phase + Neutral + Control system) and are compatible with EUROSTANDARD PLUS® tracks.
Tutti i prodotti Eidos sono dotati di serie con adattatore a 6 conduttori (3 Fasi + Neutro + Sistema di controllo) e sono compatibili con binari EUROSTANDARD PLUS®.



On request other adaptors
A richiesta altri adattatori

EIDOS S4 flat

POTENTIOMETER POTENZIOMETRO

Lighting dimming (15% - 100%) by potentiometer. The external position of the potentiometer allows to operate with product already installed and turned on.

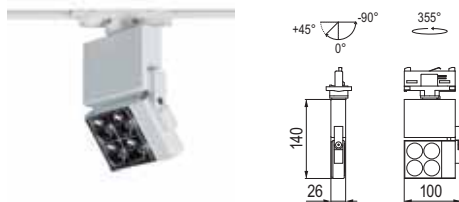
Only for S9 Electronics models.
Dimmerazione del flusso luminoso (15% - 100%) tramite potenziometro. La posizione esterna del potenziometro permette di operare con prodotto già montato e acceso.
Solo per modelli S9 elettronici.



EIDOS S4 flatTRACK VERSION
MONTAGGIO A BINARIO

SLED optical system with UV resistant PC lenses.
Sistema ottico SLED con lenti in PC anti UV.

Power supply: 220-240V - 50-60Hz
Glow-wire resistance: 850°C

**EIDOS S4 flat**
complete with Electronic driver / completo di driver Elettronico

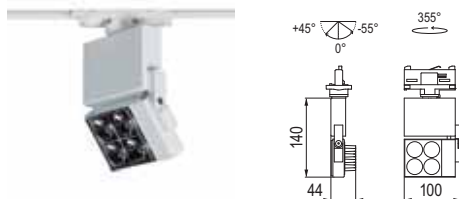
CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2701-DN-0145	7W	NB	3000K CRI>80	722 lm	0,6
2701-DN-0147	7W	NB	4000K CRI>80	772 lm	0,6
2701-DN-9337	7W	NB	3000K CRI>90	418 lm	0,6
2701-DN-4695	7W	NB	4000K CRI>90	466 lm	0,6
2701-DN-0149	7W	SB	3000K CRI>80	699 lm	0,6
2701-DN-0151	7W	SB	4000K CRI>80	747 lm	0,6
2701-DN-9339	7W	SB	3000K CRI>90	404 lm	0,6
2701-DN-4699	7W	SB	4000K CRI>90	451 lm	0,6
2701-DN-0189	7W	WS2	3000K CRI>80	590 lm	0,6
2701-DN-0191	7W	WS2	4000K CRI>80	631 lm	0,6
2701-DN-9359	7W	WS2	3000K CRI>90	341 lm	0,6
2701-DN-4739	7W	WS2	4000K CRI>90	381 lm	0,6

EIDOS S4 sinkTRACK VERSION
MONTAGGIO A BINARIO

SLED optical system with UV resistant PC lenses.
Sistema ottico SLED con lenti in PC anti UV.

Power supply: 220-240V - 50-60Hz
Glow-wire resistance: 850°C

**EIDOS S4 sink**
complete with Electronic driver / completo di driver Elettronico

CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2702-DN-0073	10W	NB	3000K CRI>80	961 lm	0,7
2702-DN-0075	10W	NB	4000K CRI>80	1028 lm	0,7
2702-DN-9301	10W	NB	3000K CRI>90	556 lm	0,7
2702-DN-4623	10W	NB	4000K CRI>90	621 lm	0,7
2702-DN-0077	10W	SB	3000K CRI>80	930 lm	0,7
2702-DN-0079	10W	SB	4000K CRI>80	995 lm	0,7
2702-DN-9303	10W	SB	3000K CRI>90	538 lm	0,7
2702-DN-4627	10W	SB	4000K CRI>90	601 lm	0,7
2702-DN-0117	10W	WS2	3000K CRI>80	785 lm	0,7
2702-DN-0119	10W	WS2	4000K CRI>80	839 lm	0,7
2702-DN-9323	10W	WS2	3000K CRI>90	454 lm	0,7
2702-DN-4667	10W	WS2	4000K CRI>90	507 lm	0,7

Optional accessories
Accessori opzionali

- To see page 98
- Vedere pagina 98

**ADJUSTABILITY
ORIENTABILITA'**

flat max 90°
sink max 55°

-90° / -55°

+45°

**ROTATION
ROTAZIONE**

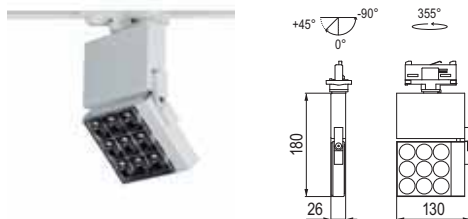
max 355°



EIDOS S9 flat**TRACK VERSION
MONTAGGIO A BINARIO**

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

Power supply: 220-240V - 50-60Hz
Glow-wire resistance: 850°C


EIDOS S9 flat
complete with Electronic driver and rotary potentiometer
completo di driver Elettronico e potenziometro girevole
CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2703-DN-0361	15W	NB	3000K CRI>80	1624 lm	1,0
2703-DN-0363	15W	NB	4000K CRI>80	1737 lm	1,0
2703-DN-9445	15W	NB	3000K CRI>90	939 lm	1,0
2703-DN-4911	15W	NB	4000K CRI>90	1049 lm	1,0
2703-DN-0365	15W	SB	3000K CRI>80	1572 lm	1,0
2703-DN-0367	15W	SB	4000K CRI>80	1681 lm	1,0
2703-DN-9447	15W	SB	3000K CRI>90	909 lm	1,0
2703-DN-4915	15W	SB	4000K CRI>90	1015 lm	1,0
2703-DN-0405	15W	WS2	3000K CRI>80	1326 lm	1,0
2703-DN-0407	15W	WS2	4000K CRI>80	1418 lm	1,0
2703-DN-9467	15W	WS2	3000K CRI>90	767 lm	1,0
2703-DN-4955	15W	WS2	4000K CRI>90	856 lm	1,0

EIDOS S9 flat
complete with DALI driver/completo di driver DALI
CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2704-DN-0361	15W	NB	3000K CRI>80	1624 lm	1,0
2704-DN-0363	15W	NB	4000K CRI>80	1737 lm	1,0
2704-DN-9445	15W	NB	3000K CRI>90	939 lm	1,0
2704-DN-4911	15W	NB	4000K CRI>90	1049 lm	1,0
2704-DN-0365	15W	SB	3000K CRI>80	1572 lm	1,0
2704-DN-0367	15W	SB	4000K CRI>80	1681 lm	1,0
2704-DN-9447	15W	SB	3000K CRI>90	909 lm	1,0
2704-DN-4915	15W	SB	4000K CRI>90	1015 lm	1,0
2704-DN-0405	15W	WS2	3000K CRI>80	1326 lm	1,0
2704-DN-0407	15W	WS2	4000K CRI>80	1418 lm	1,0
2704-DN-9467	15W	WS2	3000K CRI>90	767 lm	1,0
2704-DN-4955	15W	WS2	4000K CRI>90	856 lm	1,0

Optional accessories
Accessori opzionali

- To see page 98
- Vedere pagina 98

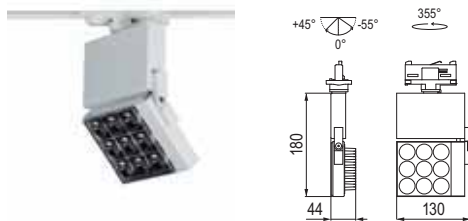


EIDOS S9 sink

TRACK VERSION MONTAGGIO A BINARIO

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

Power supply: 220-240V - 50-60Hz
Glow-wire resistance: 850°C



EIDOS S9 sink complete with Electronic driver and rotary potentiometer completo di driver Elettronico e potenziometro girevole

CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2705-DN-0289	21W	NB	3000K CRI>80	2161 lm	1,1
2705-DN-0291	21W	NB	4000K CRI>80	2312 lm	1,1
2705-DN-9409	21W	NB	3000K CRI>90	1250 lm	1,1
2705-DN-4839	21W	NB	4000K CRI>90	1396 lm	1,1
2705-DN-0293	21W	SB	3000K CRI>80	2091 lm	1,1
2705-DN-0295	21W	SB	4000K CRI>80	2237 lm	1,1
2705-DN-9411	21W	SB	3000K CRI>90	1210 lm	1,1
2705-DN-4843	21W	SB	4000K CRI>90	1351 lm	1,1
2705-DN-0333	21W	WS2	3000K CRI>80	1765 lm	1,1
2705-DN-0335	21W	WS2	4000K CRI>80	1888 lm	1,1
2705-DN-9431	21W	WS2	3000K CRI>90	1021 lm	1,1
2705-DN-4883	21W	WS2	4000K CRI>90	1140 lm	1,1

EIDOS S9 sink complete with DALI driver/completo di driver DALI

CE SLED IK08 IP20

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2706-DN-0289	21W	NB	3000K CRI>80	2161 lm	1,1
2706-DN-0291	21W	NB	4000K CRI>80	2312 lm	1,1
2706-DN-9409	21W	NB	3000K CRI>90	1250 lm	1,1
2706-DN-4839	21W	NB	4000K CRI>90	1396 lm	1,1
2706-DN-0293	21W	SB	3000K CRI>80	2091 lm	1,1
2706-DN-0295	21W	SB	4000K CRI>80	2237 lm	1,1
2706-DN-9411	21W	SB	3000K CRI>90	1210 lm	1,1
2706-DN-4843	21W	SB	4000K CRI>90	1351 lm	1,1
2706-DN-0333	21W	WS2	3000K CRI>80	1765 lm	1,1
2706-DN-0335	21W	WS2	4000K CRI>80	1888 lm	1,1
2706-DN-9431	21W	WS2	3000K CRI>90	1021 lm	1,1
2706-DN-4883	21W	WS2	4000K CRI>90	1140 lm	1,1

Optional accessories Accessori opzionali

- To see page 98
- Vedere pagina 98



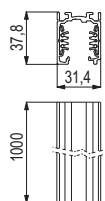
Kerouac Beat painting exhibitions - Maga Museum - Gallarate - Italy

Optional accessories

Accessori opzionali

Mounting

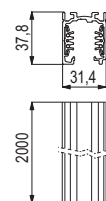
Montaggio



2700-DN-S001

6 conductors track 3-circuit
+ DALI 16A
L=1000mm

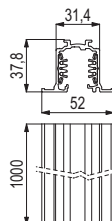
Binario 6 conduttori trifase
+ DALI 16A
L=1000mm



2700-DN-S002

6 conductors track 3-circuit
+ DALI 16A
L=2000mm

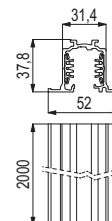
Binario 6 conduttori trifase
+ DALI 16A
L=2000mm



2700-DN-S005

Recessed 6 conductors track
3-circuit + DALI 16A
L=1000mm

Binario ad incasso 6 conduttori
trifase + DALI 16A
L=1000mm



2700-DN-S006

Recessed 6 conductors
track 3-circuit + DALI 16A
L=2000mm

Binario ad incasso 6 conduttori
trifase + DALI 16A
L=2000mm



2700-DN-K001

End feed left 16A
Testata di alimentazione
sinistra 16A



2700-DN-K002

End feed right 16A
Testata di alimentazione
destra 16A



2700-DN-K003

Electrical straight joint 16A
Giunto lineare 16A



2700-DN-K004

Middle feed 16A
Alimentazione centrale 16A



2700-DN-K016

End cap
Testata di chiusura



2700-DN-K017

End cap for recessed track
Testata di chiusura
per binario ad incasso



2700-K018

Ceiling clamp
Clip per il fissaggio a soffitto



2700-K021

Complete Suspension Kit
L=5000mm
Kit completo per fissaggio
a sospensione L=5000mm



Adidas Restauradores - Lisbon - Architect: Carlos Duran & Maria Jose Cuesta



Benoil SA New building - Mendrisio - Switzerland - Architect: Studio Sangiorgio Marco SA - Electric Project: P&P Studio Elettrotecnico Sagl

FREEDOM SLED



FREEDOM SLED



Tipology / Tipologia

SUSPENSION
SOSPENSIONE

Freedom SLED is the new suspended fixture by Castaldi Lighting for lighting large spaces.

Compact and light, it can be easily installed by just one person. The use of SLED light sources (patented system) offers a vast range of different flux levels and types of optics. Freedom SLED also offers a protection rating of IP40, allowing it to be used in commercial and manufacturing areas, gyms, airports, storage centres with high shelves such as warehouses and deposits, and many other areas.

Freedom SLED combines high levels of flux with low energy consumption, providing high-quality light throughout the product's lifecycle. Freedom SLED's construction is optimised for heat regulation, with separate compartments for the optics and electrical components, generating an air flow through the fixture. This chimney effect optimises the passive cooling of the casing structure.

Thanks to the modularity of the SLED system, Freedom SLED can be configured to suit your needs, maximising financial and energy savings.

Freedom SLED è il nuovo apparecchio Castaldi Lighting a sospensione per l'illuminazione di grandi spazi.

Compatto e leggero può essere installato facilmente da una sola persona.

L'uso delle sorgenti SLED (sistema brevettato) offre una vasta gamma di flussi e tipologie di ottiche, che abbinate al grado di protezione IP40 permettono l'utilizzo di Freedom SLED in aree commerciali e produttive, palestre, aeroporti, impianti di stoccaggio ad alta scaffalatura come magazzini, depositi e molti altri.

Freedom SLED combina alti flussi e bassi consumi energetici, con un alta qualità della luce per tutta la durata della vita del prodotto. La costruzione di Freedom SLED permette una perfetta gestione termica grazie alla separazione dei vani ottici da quelli elettrici, creando un flusso d'aria attraverso l'apparecchio stesso. L'effetto camino derivante ottimizza il raffreddamento passivo dalla struttura del corpo.

Grazie alla modularità di SLED, Freedom SLED può essere configurato secondo le proprie necessità massimizzando il risparmio economico ed energetico.

ENVIRONMENTS
CONTESTI

Retail areas, industrial areas.
Vendita e commercio, industria.

Colours / Colori

STANDARD / BASE
VARIANT / VARIANTE

Embossed white RAL 9003 / Bianco goffrato RAL 9003
Graphite satin finish / Grafite satinato

Characteristics Caratteristiche

CONSTRUCTION
COSTRUZIONE

Housing made of brake-formed electrically welded steel plate, powder-coated.
Laser-shaped steel end caps painted in the same colour as the housing. Powder painting after passivation.
Struttura in lamiera di acciaio pressopiegata, elettrosaldata, verniciata a polvere.
Testate in acciaio sagomate a laser verniciate dello stesso colore della struttura.
Verniciatura a polveri previa passivazione.

OPTICAL SYSTEM
SISTEMA OTTICO

SLED optical system with UV resistant PC lenses.
Sistema ottico SLED con lenti in PC anti UV.

SOURCES / SORGENTI

LED CRI>90 MacAdam 2

LIFETIME

50.000h L80B10 (Ta=25°C)

WIRING
CABLAGGIO ELETTRICO

Electrical harness wired for 220-240V-AC 50-60Hz power supply. 2.5mm² LTN terminal block.
DALI dimmable electronic ballast.
Cablaggio elettrico alimentato a 220-240V-AC 50-60Hz. Morsettiera LTN 2,5mm².
Alimentatore elettronico dimmerabile DALI.

STANDARDS / NORME

To see page/Vedere pagina 159

FREEDOM SLED

SUSPENSION
SOSPENSIONE

IP40

Q4

83W

4x



Electronic /
Dimming DALI

Q6

123W

6x



Electronic /
Dimming DALI

Q8

165W

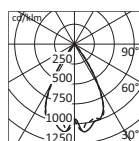
8x



Electronic /
Dimming DALI

Photometric / Fotometrie

DK
DARK



UGR T < 18,40
UGR L < 18,40



Benoil SA New building - Mendrisio - Switzerland - Architect: Studio Sangiorgio Marco SA - Electric Project: P&P Studio Elettrotecnico Sagl



EFFECTIVE IN EVERY ENVIRONMENT
EFFICACE IN OGNI AMBIENTE



Big retail spaces
*Grandi spazi
vendita*



Factories*
*Fabbriche **



Stores
Magazzini



Exhibition spaces
Spazi espositivi

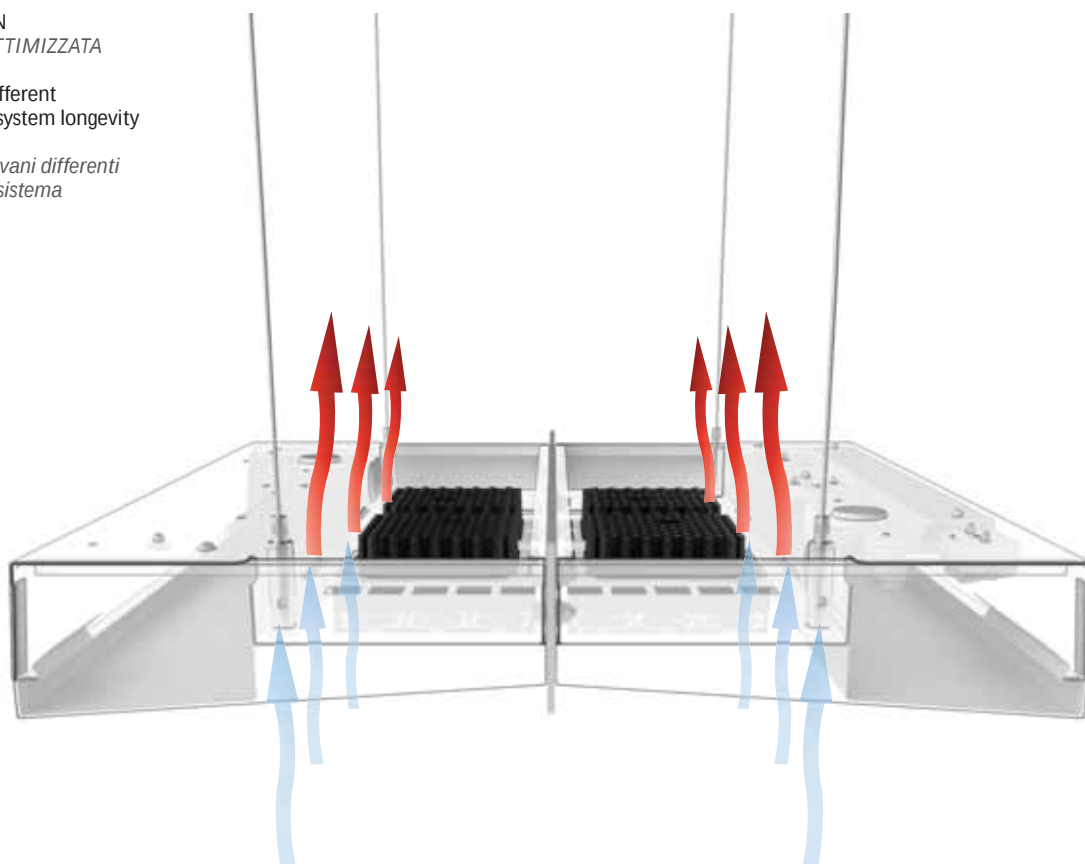


Airports
Aeroporti

OPTIMIZED HEAT DISSIPATION
DISSIPAZIONE DEL CALORE OTTIMIZZATA

LED and drivers are placed in different compartments for a maximum system longevity

LED e driver sono posizionati in vani differenti per una massima longevità del sistema



CONTROLS
CONTROLLI

Available on request:
Disponibile a richiesta:

DALI

1.10V

Wi-Fi

Wi-Fi 
with sensor
con sensore



STANDARD
BASE
VARIANT
VARIANTE

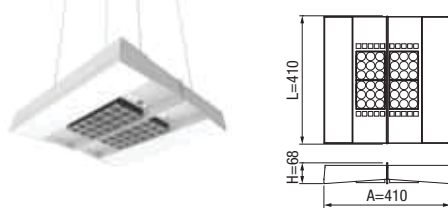


embossed white RAL 9003
bianco goffrato RAL 9003
graphite satin finish
grafite satinato

FREEDOM SLED Q4 IP40 **NEW**

SUSPENSION
SOSPENSIONE

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.



FREEDOM SLED Q4 IP40

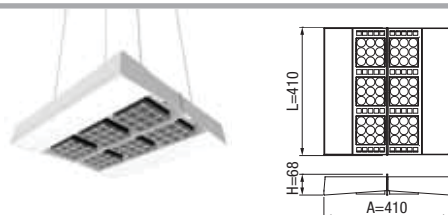
CE SLED IK08 IP40

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1125-DN-4475	1126-DN-4475	83W	DK	4000K CRI>80	9064 lm	5,0

FREEDOM SLED Q6 IP40 **NEW**

SUSPENSION
SOSPENSIONE

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.



FREEDOM SLED Q6 IP40

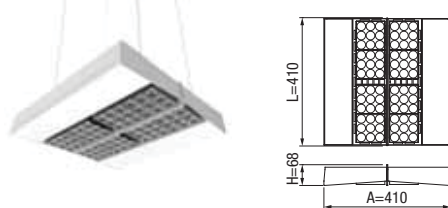
CE SLED IK08 IP40

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1127-DN-C36A	1128-DN-C36A	123W	DK	4000K CRI>80	13596 lm	5,8

FREEDOM SLED Q8 IP40 **NEW**

SUSPENSION
SOSPENSIONE

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.



FREEDOM SLED Q8 IP40

CE SLED IK08 IP40

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1129-DN-C37A	1130-DN-C37A	165W	DK	4000K CRI>80	18128 lm	6,6

Optional accessories

Accessori opzionali

Mounting

Montaggio



1100-DN-K007

FREEDOM SLED Q - Suspended Mounting Kit (1 bracket + 4 millimetric adjusters + 4 steel cables L=5000mm) - WHITE.
 FREEDOM SLED Q - Kit sospensione (1 staffa + 4 regolatori millimetrici + 4 funi in acciaio L=5000mm) - WHITE.

Benoil SA New building - Mendrisio - Switzerland - Architect: Studio Sangiorgio Marco SA - Electric Project: P&P Studio Elettrotecnico Sàrl





PLANO





Tipology / Tipologia

LOW POLE/BOLLARD
WALL MOUNTED, CEILING,
COVE LIGHTING,
WINDOW EDGE EFFECT
PALI BASSI/BOLLARD
PARETE, PLAFONE,
APPOGGIO,
EFFETTO BORDO FINESTRA

ENVIRONMENTS
CONTESTI

Plano include a range of architectural solutions with **SLED** system where the minimalism magnifies the lighting effect. The configuration is designed to exploit the wide range of available optics: bollard, wall step light, window edge effect, cove light, wall/ceiling mounted. Plano series offers therefore a versatile solution for lighting designers and architects. *Plano comprende una gamma di soluzioni architettoniche con il sistema SLED dove il minimalismo formale lascia spazio all'effetto luminoso. Le applicazioni sono studiate per sfruttare l'ampia gamma ottica: bollard, segnapasso a muro, effetto bordo finestra, cove light, applique a parete, plafone. La serie Plano offre quindi una versatile soluzione per lighting designer ed architetti.*

Façades and architectural works, art and culture, industrial areas, places of worship
Facciate e architetture, spazi d'accesso, arte e cultura, luoghi di culto

Colours / Colori

STANDARD / BASE
VARIANT / VARIANTE

Graphite satin finish / *Grafite satinato*
Aluminium grey / *Grigio alluminio*

Characteristics Caratteristiche

CONSTRUCTION
COSTRUZIONE

Housing made of AISI 304 stainless steel brake-formed and fully TIG welded, powder-coated. Powder coat painting after multi-layer polyester pre-treatment for corrosion resistance. AISI 304 stainless steel screws.
Struttura in lamiera di acciaio inox AISI 304 presso-piegata, elettrosaldata a TIG, verniciata a polvere. Verniciatura a polveri previo pre-trattamento con multistrato in poliestere ad alta resistenza alla corrosione. Viteria inox AISI 304.

OPTICAL SYSTEM
SISTEMA OTTICO

PLANO F4
SLED optical system with UV resistant PC lenses.
Sistema ottico SLED con lenti in PC anti UV.

PLANO F9
SLED optical system with PC lenses and antiscratch UV resistant treatment.
Sistema ottico SLED con lenti in PC con trattamento antigraffio anti UV.

SOURCES / SORGENTI

LED CRI>80 MacAdam 3

LIFETIME

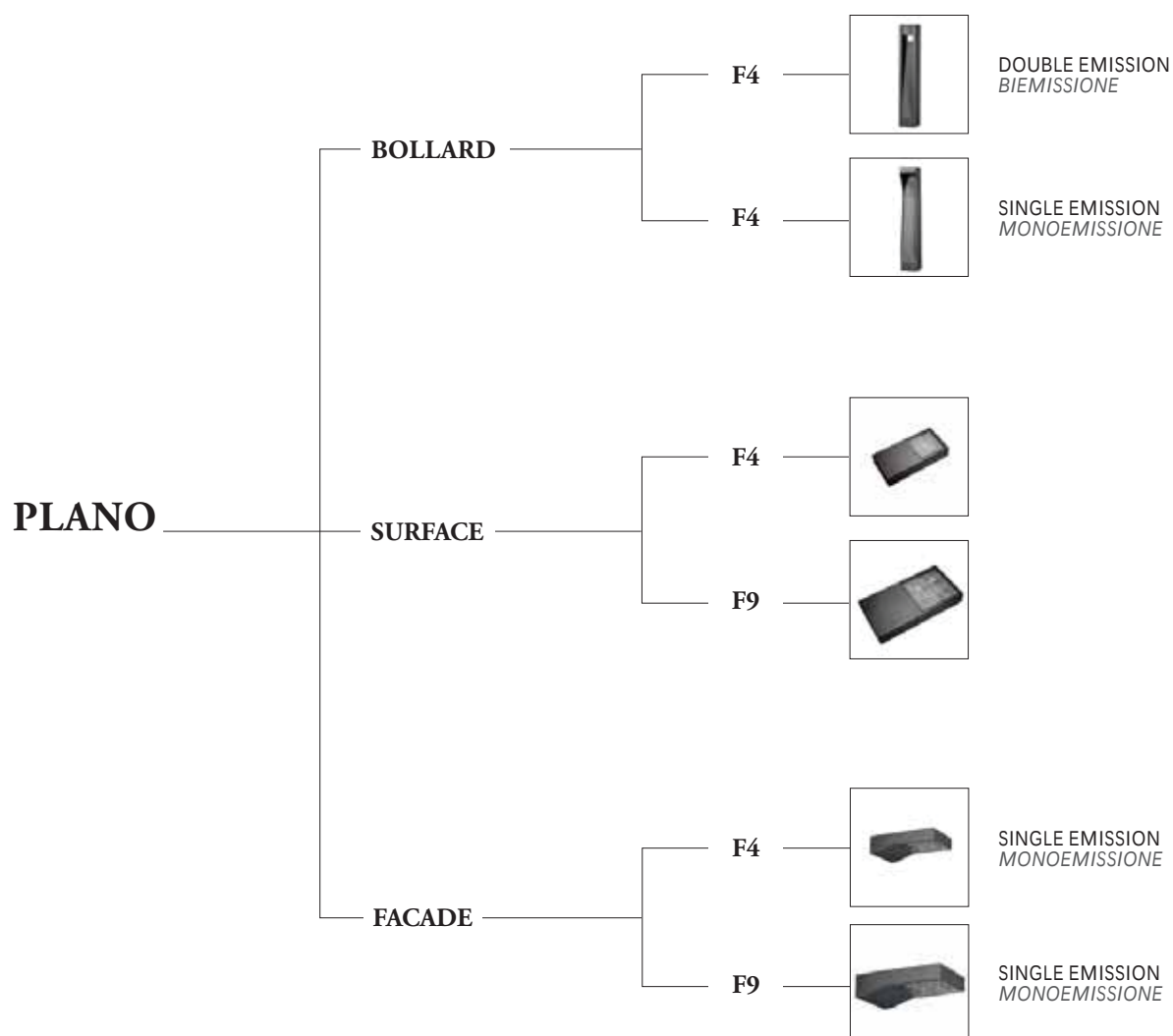
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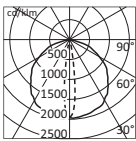
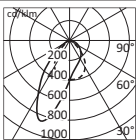
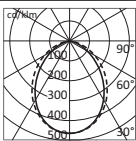
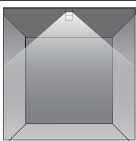
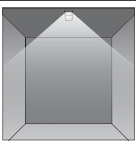
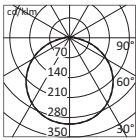
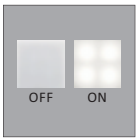
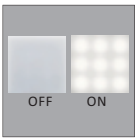
WIRING
CABLAGGIO ELETTRICO

Use only (EN 60598-1) H07RN-F cable with diameter between 7,5 and 12 mm.
Utilizzare solo (EN 60598-1) cavo tipo H07RN-F con diametro compreso tra 7,5 e 12 mm.

STANDARDS / NORME
DIRECTIVES / DIRETTIVE

To see page / *Vedere pagina* 159



Photometric Fotometrie		SURFACE F4	SURFACE F9	FACADE F4	FACADE F9
OV OVAL OVALE					
WS WALL WASHER					
WB WIDE BEAM FASCIO DIFFUSO					
FE FULL EFFECT					

STANDARD
BASE
VARIANT
VARIANTE

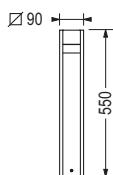
GR
AL

graphite satin finish
grafite satinato
aluminium grey
grigio alluminio

PLANO bollard

LOW POLE/BOLLARD PALI BASSI/BOLLARD

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



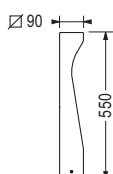
PLANO BOLLARD F4 double emission - *biemissione*

CE SLED IK08 IP65

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2801-GR-C21A	6W	WB	3000K CRI>80	233 lm	3,7
2801-GR-C22A	6W	WB	4000K CRI>80	250 lm	3,7

LOW POLE/BOLLARD PALI BASSI/BOLLARD

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



PLANO BOLLARD F4 single emission - *monoemissione*

CE SLED IK08 IP65

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2802-GR-C23A	6W	WB	3000K CRI>80	214 lm	2,9
2802-GR-C24A	6W	WB	4000K CRI>80	230 lm	2,9

Optional accessoires Accessori opzionali

Mounting Montaggio



D53/1-TF

Counter plate with stay bolts.

Contropiastra con tirafondi.

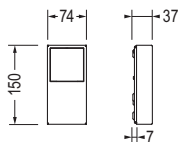


PLANO surface

WALL MOUNTED, CEILING,
COVE LIGHTING,
PARETE, PLAFONE,
APPOGGIO

WINDOW EDGE EFFECT:
ONLY **OV** MODELS
EFFETTO BORDO FINESTRA:
SOLO MODELLI **OV**

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



PLANO SURFACE F4

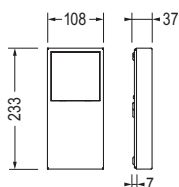
CE SLED IK06 IP65

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2804-GR-0161	5W	OV1/3	3000K CRI>80	466 lm	0,6
2804-GR-0163	5W	OV1/3	4000K CRI>80	498 lm	0,6
2804-GR-0193	5W	WS3	3000K CRI>80	442 lm	0,6
2804-GR-0195	5W	WS3	4000K CRI>80	473 lm	0,6
2804-GR-9105	5W	FE	3000K CRI>80	264 lm	0,6
2804-GR-9107	5W	FE	4000K CRI>80	283 lm	0,6
2804-GR-C23A	5W	WB	3000K CRI>80	508 lm	0,6
2804-GR-C24A	5W	WB	4000K CRI>80	544 lm	0,6

WALL MOUNTED, CEILING,
COVE LIGHTING,
PARETE, PLAFONE,
APPOGGIO

WINDOW EDGE EFFECT:
ONLY **OV** MODELS
EFFETTO BORDO FINESTRA:
SOLO MODELLI **OV**

SLED optical system with
PC lenses and antiscratch
UV resistant treatment.
Sistema ottico SLED con lenti in PC
con trattamento antigraffio anti UV.



PLANO SURFACE F9

CE SLED IK06 IP65

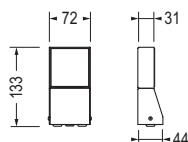
Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2806-GR-0378	11W	OV1/3	3000K CRI>80	1048 lm	1,1
2806-GR-0380	11W	OV1/3	4000K CRI>80	1121 lm	1,1
2806-GR-0410	11W	WS3	3000K CRI>80	995 lm	1,1
2806-GR-0412	11W	WS3	4000K CRI>80	1064 lm	1,1
2806-GR-9118	11W	FE	3000K CRI>80	594 lm	1,1
2806-GR-9120	11W	FE	4000K CRI>80	636 lm	1,1
2806-GR-C25A	11W	WB	3000K CRI>80	1144 lm	1,1
2806-GR-C26A	11W	WB	4000K CRI>80	1222 lm	1,1



PLANO facade

WALL MOUNTED PARETE

SLED optical system with
UV resistant PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



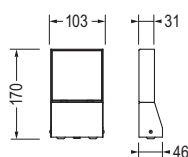
PLANO FACADE F4 single emission - monoemissione

CE SLED IK06 IP65

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2807-GR-C23A	5W	WB	3000K CRI>80	508 lm	0,5
2807-GR-C24A	5W	WB	4000K CRI>80	544 lm	0,5

WALL MOUNTED, POLE MOUNTED PARETE, APPLICAZIONI SU PALO

SLED optical system with
PC lenses and antiscratch
UV resistant treatment.
Sistema ottico SLED con lenti in PC
con trattamento antigraffio anti UV.



PLANO FACADE F9 single emission - monoemissione

CE SLED IK06 IP65

Code Codice	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2808-GR-C25A	11W	WB	3000K CRI>80	1144 lm	0,9
2808-GR-C26A	11W	WB	4000K CRI>80	1222 lm	0,9

Optional accessories Accessori opzionali

Mounting Montaggio

Poles Pali



2800-GR-0001

Pole connection. Suitable for one fixture PLANO Facade F9 on conical or cylindrical poles with diameter 60mm. Powder painting after passivation - graphite. AISI 304 stainless steel hardware.
Ganascia per montaggio a palo. Idonea per montaggio di un apparecchio PLANO Facade F9 su palo tronco-conico o cilindrico con diametro 60mm. Verniciatura a polveri previa passivazione - grafite. Viteria inox AISI 304.



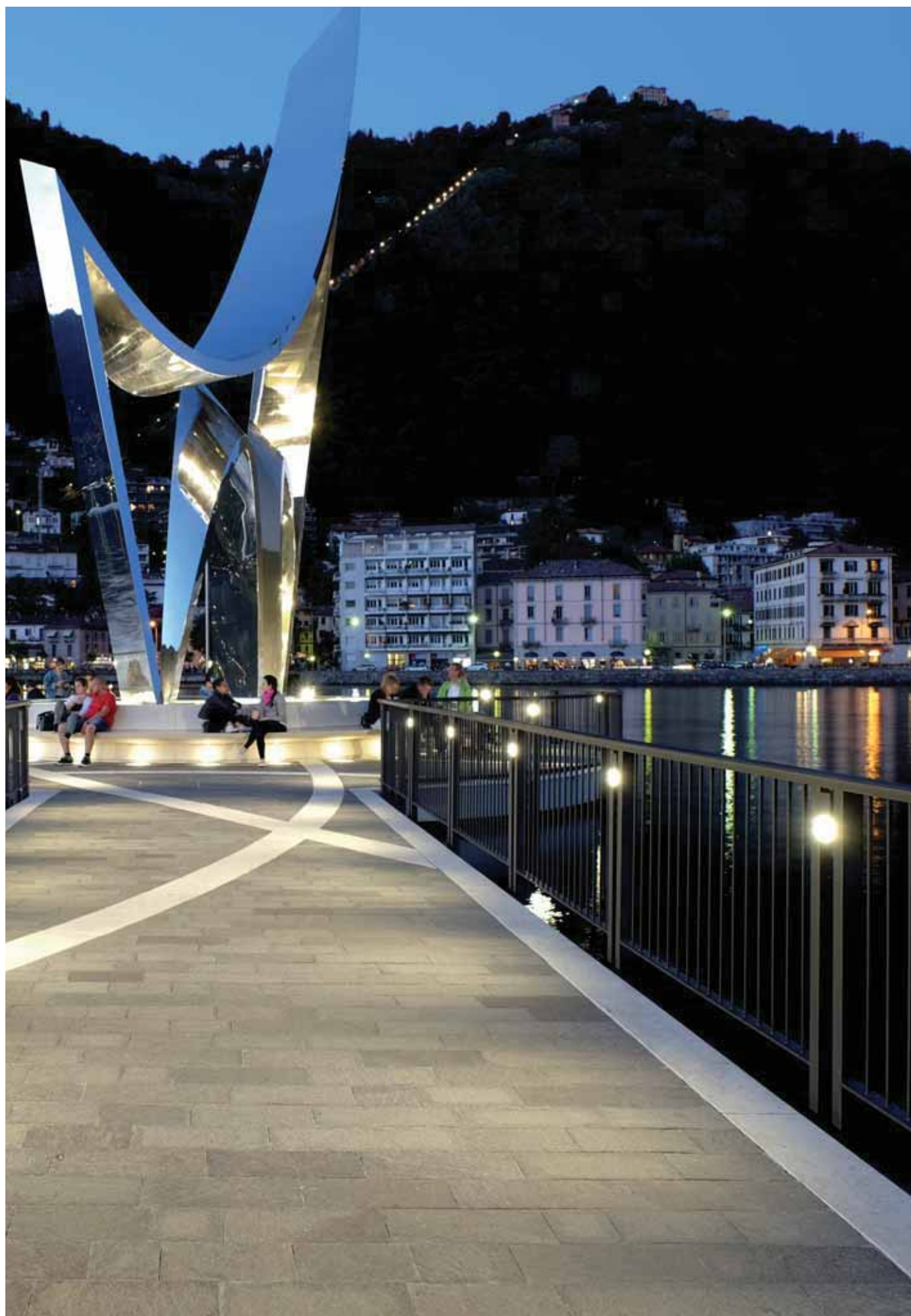
2800-GR-0002

Pole connection. Suitable for two fixtures PLANO Facade F9 on conical or cylindrical poles with diameter 60mm. Powder painting after passivation - graphite. AISI 304 stainless steel hardware.
Ganascia per montaggio a palo. Idonea per montaggio di due apparecchi PLANO Facade F9 su palo tronco-conico o cilindrico con diametro 60mm. Verniciatura a polveri previa passivazione - grafite. Viteria inox AISI 304.

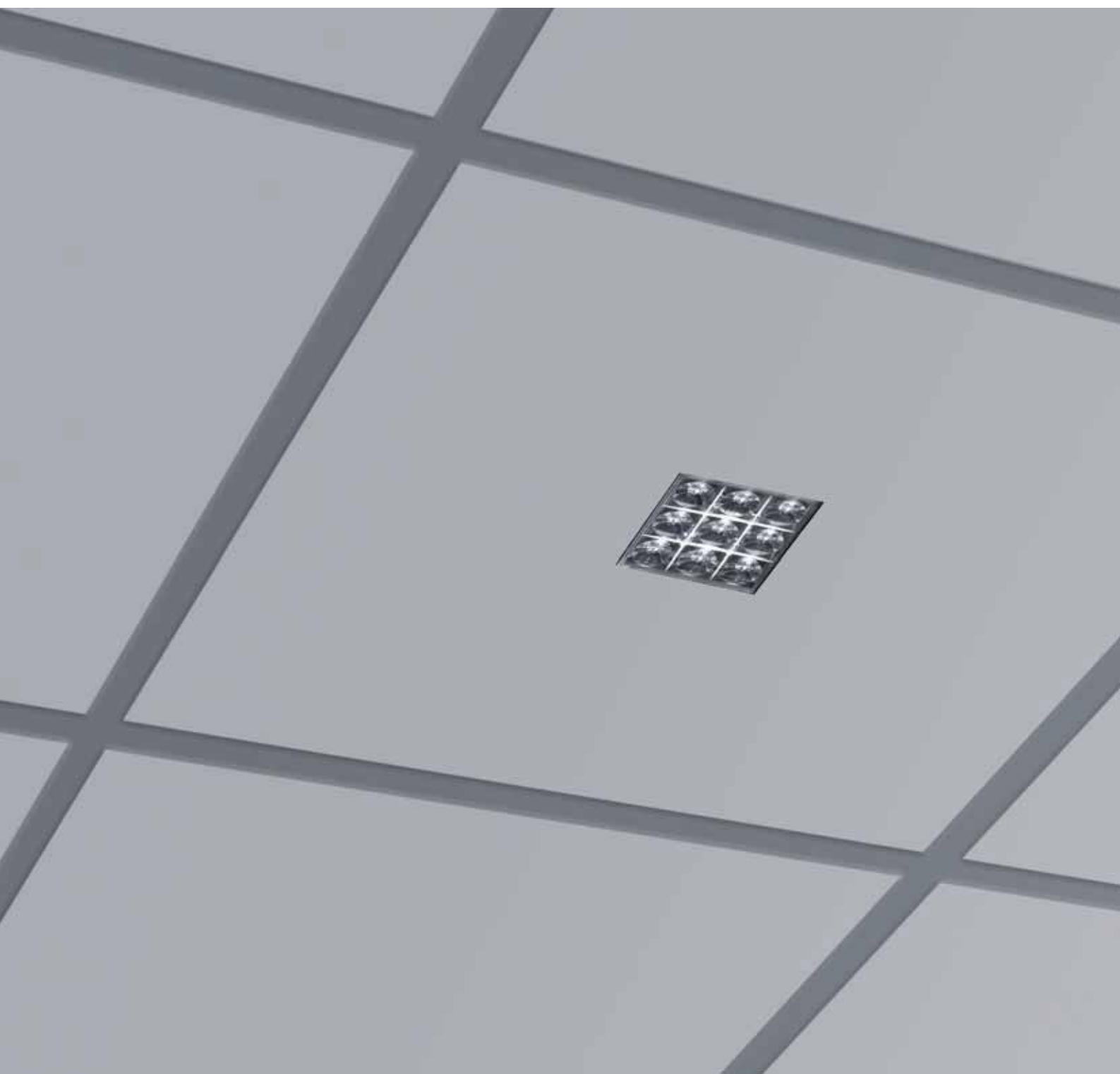


D43/P300-GR

Extruded anodized aluminum pole Ø60mm, height above ground level 3m - graphite.
Palo in alluminio estruso anodizzato Ø60mm altezza 3m fuori terra - grafite.



The life Electric - Como - Italy - Project: Arch. Libeskind, Arch. Gianmarco Martorana
Electrical project : Studio Artis - Electrical Engineering - Photo: Bertani Emanuele



REPLAY



REPLAY T15 - T24



Tipology / Tipologia

CEILING RECESSED
INCASSI SOFFITTO

Thanks to designs and lumen packages that meet the proven standards for recessed luminaires, REPLAY is perfectly suited for lighting refurbishment projects. REPLAY offers different standard luminous flux packages and beams that enable the best planning able to supply light according to the actual needs, resulting in a system energy saving. SLED is the REPLAY's core element and provides completely new design options. In addition to the standard versions, REPLAY is - upon request - also available with alternative numbers and configurations of SLED modules within the same panel size. In this way special photometric requirements and personal design ideas can be easily exploited.

La gamma REPLAY comprende una serie di apparecchi che per forma e quantità di Lumen corrispondono alle plafoniere tradizionali, rendendo facile la loro sostituzione in caso di ristrutturazione. L'ampia gamma di flussi e ottiche dedicate permette una progettazione ottimale e di grande precisione capace di generare luce e consumare energia in misura pari alle effettive necessità, a beneficio di un ineguagliabile risparmio complessivo di sistema. SLED costituisce il cuore di REPLAY e offre delle possibilità di realizzazione formale del tutto nuove.

Accanto alle versioni di serie, REPLAY è infatti disponibile su richiesta anche con layout e numero di SLED diversi. Questo dà la possibilità di soddisfare con facilità sia speciali requisiti tecnici che esigenze di design personalizzate.

ENVIRONMENTS
CONTESTI

Hallway, conference hall, art and culture, office, retail areas, study areas
Spazi d'accesso, sale conferenze, arte e cultura, ufficio, vendita e commercio, studio ed educazione

Colours / Colori

STANDARD / BASE

White RAL 9003 / Bianco RAL 9003

Characteristics Caratteristiche

CONSTRUCTION
COSTRUZIONE

Housing made of brake-formed electrically welded steel plate, powder-coated. Powder painting after passivation.
Struttura in lamiera di acciaio presso-piegata, verniciata a polvere. Verniciatura a polveri previa passivazione.

OPTICAL SYSTEM
SISTEMA OTTICO

SLED optical system with UV resistant PC lenses.
Sistema ottico SLED con lenti in PC anti UV.

SOURCES / SORGENTI

LED CRI>80 MacAdam 2

LIFETIME

50.000h L80B10 (Ta=25°C)

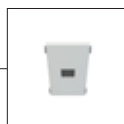
STANDARDS / NORME
DIRECTIVES / DIRETTIVE

To see page / Vedere pagina 159

REPLAY T15



CEILING RECESSED
INCASSO SOFFITTO



285 x 585



585 x 585

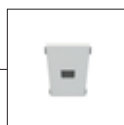


285 x 1185

REPLAY T24



CEILING RECESSED
INCASSO SOFFITTO



275 x 575



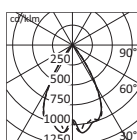
575 x 575



275 x 1175

Photometric / Fotometrie

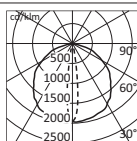
DK
DARK



UGR T < 17,2
UGR L < 17,2



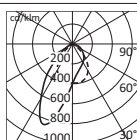
OV
OVAL
OVALE



UGR T < 22
UGR L < 33



WS
WALL WASHER
WALL WASHER



UGR T < 23,6
UGR L < 27,4





EASY REFURBISHMENT.

MANUTENZIONE E RINNOVO FACILI

REPLAY is supplied ready for installation (built-in power supply).

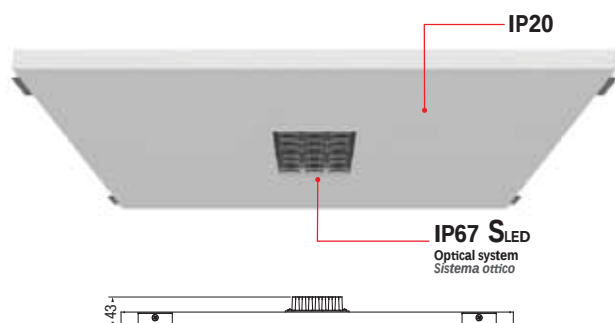
SLED modules provide a fully sealed IP67 optical assembly for an easy maintenance and cleaning.

Where ceiling structures leave only little space REPLAY with its recessed depth of only 43 mm is the ideal solution.

REPLAY è fornito pronto per l'installazione (driver a bordo).

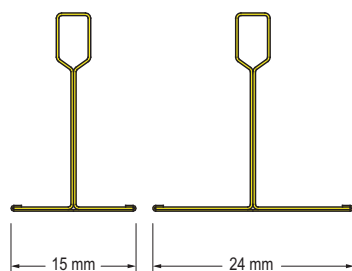
I moduli SLED creano un vano ottico IP67 completamente sigillato che semplifica la manutenzione e la pulizia.

Dove la struttura del controsoffitto lascia poco spazio REPLAY è la soluzione ideale grazie al suo spessore di soli 43 mm.



VERSIONS/VERSIONI

According to the type of ceiling structure
REPLAY is available in T15 and T24 version.
*In base al tipo di struttura del controsoffitto
REPLAY è disponibile nelle versioni T15 e T24.*

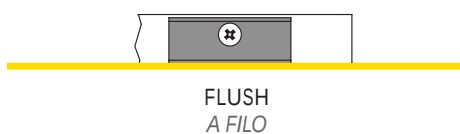


CEILING MOUNTING

MONTAGGIO A SOFFITTO

By simply rotating the integrated brackets,
REPLAY can be installed flush to the false
ceiling structure or projecting as many
types of standard panels.

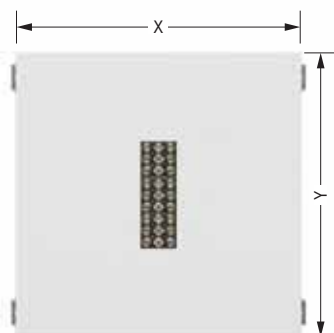
*Semplicemente ruotando le staffe integrate,
REPLAY può essere montato a filo del
controsoffitto o sporgente come molti
pannelli standard.*



CUSTOMIZATIONS ON REQUEST PERSONALIZZAZIONE A RICHIESTA

On request, customers can have REPLAY with an alternative quantity and arrangement of SLED modules.

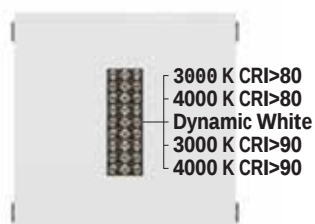
Su richiesta, i clienti possono avere a disposizione REPLAY con numeri di SLED diversi.



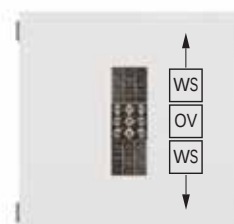
Housing dimensions
Dimensioni



Housing colour
Colore



LEDS/LED

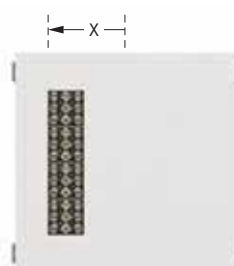


Hybrid lighting beam
Ottiche ibride

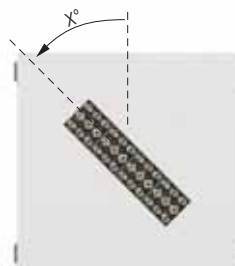
HOW TO DISPLAY SLED / COME DISPORRE SLED



Pattern
Disposizioni



Position
Posizione



Rotation
Rotazione



Groups
Gruppi



Nonlinear cluster
Cluster non lineare



Single dots
Punti Singoli



Single dots
Punti Singoli



Single dots
Punti Singoli

LUMEN PACKAGES FOR TOTAL FLEXIBILITY
LUMEN PER UNA FLESSIBILITA' TOTALE

ranging from/a partire da:

900 + lumens

up to/fino a:

6.800 + lumens

"tailor-made" lighting for any situation.

illuminazione "su misura" per ogni applicazione.

1 x SLED 4 (700mA) - 10W (3000 K) 930 lm (4000 K) 1.000 lm	1 x SLED 9 (700mA) - 21W (3000 K) 2.000 lm (4000 K) 2.240 lm	2 x SLED 9 (700mA) - 43W (3000 K) 4.180 lm (4000 K) 4.480 lm	3 x SLED 9 (500mA) - 44W (3000 K) 4.775 lm (4000 K) 5.110 lm	4 x SLED 9 (500mA) - 59W (3000 K) 6.365 lm (4000 K) 6.810 lm
600 x 600	600 x 600	600 x 600	600 x 600	600 x 600
				
300 x 600	300 x 600	1200 x 300	1200 x 300	1200 x 300
				

DESIGNED TO REPLACE / PROGETTATO PER SOSTITUIRE

Compact Fluorescent Fluorescente compatta 1 x 11W TC-S 1 x 18W TC-D	Compact Fluorescent Fluorescente compatta 1 x 26W TC-D/E 1 x 32W TC-T/E	Compact Fluorescent Fluorescente compatta 2 x 26W TC-D/E 2 x 32W TC-T/E	Compact Fluorescent Fluorescente compatta 2 x 40W TC-L	Compact Fluorescent Fluorescente compatta 2 x 55W TC-L
		Linear Fluorescent Fluorescente lineare 4 x 14W T5 2 x 28W T5	Linear Fluorescent Fluorescente lineare 4 x 24W T5 2 x 35W T5	Linear Fluorescent Fluorescente lineare 2 x 49W T5 2 x 54W T5

REPLAY T15 285x585**CEILING RECESSED
INCASSI SOFFITTO**

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

**REPLAY T15 285x585 10W****CE SLED IP20**

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1401-AE-0009	1402-AE-0009	10W	DK	3000K	931 lm	1,4
1401-AE-0011	1402-AE-0011	10W	DK	4000K	997 lm	1,4
1401-AE-0017	1402-AE-0017	10W	OV1/3	3000K	900 lm	1,4
1401-AE-0019	1402-AE-0019	10W	OV1/3	4000K	964 lm	1,4
1401-AE-0053	1402-AE-0053	10W	WS4	3000K	900 lm	1,4
1401-AE-0055	1402-AE-0055	10W	WS4	4000K	964 lm	1,4

**CEILING RECESSED
INCASSI SOFFITTO**

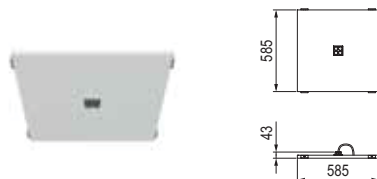
SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

**REPLAY T15 285x585 21W****CE SLED IP20**

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1403-AE-0225	1404-AE-0225	21W	DK	3000K	2091 lm	1,7
1403-AE-0227	1404-AE-0227	21W	DK	4000K	2242 lm	1,7
1403-AE-0233	1404-AE-0233	21W	OV1/3	3000K	2023 lm	1,7
1403-AE-0235	1404-AE-0235	21W	OV1/3	4000K	2169 lm	1,7
1403-AE-0269	1404-AE-0269	21W	WS4	3000K	2023 lm	1,7
1403-AE-0271	1404-AE-0271	21W	WS4	4000K	2169 lm	1,7

REPLAY T15 585x585**CEILING RECESSED
INCASSI SOFFITTO**

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

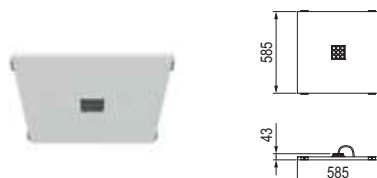
**REPLAY T15 585x585 10W**

CE SLED IP20

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1405-AE-0009	1406-AE-0009	10W	DK	3000K	931 lm	2,5
1405-AE-0011	1406-AE-0011	10W	DK	4000K	997 lm	2,5
1405-AE-0017	1406-AE-0017	10W	OV1/3	3000K	900 lm	2,5
1405-AE-0019	1406-AE-0019	10W	OV1/3	4000K	964 lm	2,5
1405-AE-0053	1406-AE-0053	10W	WS4	3000K	900 lm	2,5
1405-AE-0055	1406-AE-0055	10W	WS4	4000K	964 lm	2,5

**CEILING RECESSED
INCASSI SOFFITTO**

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

**REPLAY T15 585x585 21W**

CE SLED IP20

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1407-AE-0225	1408-AE-0225	21W	DK	3000K	2091 lm	2,9
1407-AE-0227	1408-AE-0227	21W	DK	4000K	2242 lm	2,9
1407-AE-0233	1408-AE-0233	21W	OV1/3	3000K	2023 lm	2,9
1407-AE-0235	1408-AE-0235	21W	OV1/3	4000K	2169 lm	2,9
1407-AE-0269	1408-AE-0269	21W	WS4	3000K	2023 lm	2,9
1407-AE-0271	1408-AE-0271	21W	WS4	4000K	2169 lm	2,9

**CEILING RECESSED
INCASSI SOFFITTO**

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

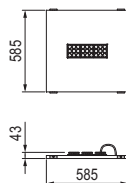
**REPLAY T15 585x585 43W**

CE SLED IP20

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1409-AE-0801	1410-AE-0801	43W	DK	3000K	4182 lm	3,3
1409-AE-0803	1410-AE-0803	43W	DK	4000K	4483 lm	3,3
1409-AE-0809	1410-AE-0809	43W	OV1/3	3000K	4043 lm	3,3
1409-AE-0811	1410-AE-0811	43W	OV1/3	4000K	4335 lm	3,3
1409-AE-0845	1410-AE-0845	43W	WS4	3000K	4043 lm	3,3
1409-AE-0847	1410-AE-0847	43W	WS4	4000K	4335 lm	3,3

REPLAY T15 585x585**CEILING RECESSED
INCASSI SOFFITTO**

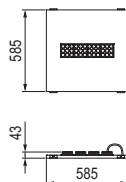
SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

**REPLAY T15 585x585 44W****CE SLED IP20**

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1411-AE-1521	1412-AE-1521	44W	DK	3000K	4774 lm	4,4
1411-AE-1523	1412-AE-1523	44W	DK	4000K	5106 lm	4,4
1411-AE-1529	1412-AE-1529	44W	OV1/3	3000K	4187 lm	4,4
1411-AE-1531	1412-AE-1531	44W	OV1/3	4000K	4479 lm	4,4
1411-AE-1565	1412-AE-1565	44W	WS4	3000K	3975 lm	4,4
1411-AE-1567	1412-AE-1567	44W	WS4	4000K	4252 lm	4,4

**CEILING RECESSED
INCASSI SOFFITTO**

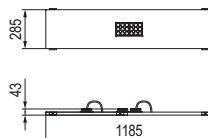
SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

**REPLAY T15 585x585 59W****CE SLED IP20**

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1413-AE-2241	1414-AE-2241	59W	DK	3000K	6364 lm	4,8
1413-AE-2243	1414-AE-2243	59W	DK	4000K	6808 lm	4,8
1413-AE-2249	1414-AE-2249	59W	OV1/3	3000K	5582 lm	4,8
1413-AE-2251	1414-AE-2251	59W	OV1/3	4000K	5972 lm	4,8
1413-AE-2285	1414-AE-2285	59W	WS4	3000K	5300 lm	4,8
1413-AE-2287	1414-AE-2287	59W	WS4	4000K	5669 lm	4,8

REPLAY T15 285x1185**CEILING RECESSED
INCASSI SOFFITTO**

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

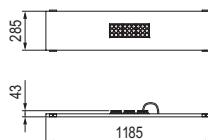
**REPLAY T15 285x1185 43W**

CE SLED IP20

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1415-AE-0801	1416-AE-0801	43W	DK	3000K	4182 lm	3,3
1415-AE-0803	1416-AE-0803	43W	DK	4000K	4483 lm	3,3
1415-AE-0809	1416-AE-0809	43W	OV1/3	3000K	4043 lm	3,3
1415-AE-0811	1416-AE-0811	43W	OV1/3	4000K	4335 lm	3,3
1415-AE-0845	1416-AE-0845	43W	WS4	3000K	4043 lm	3,3
1415-AE-0847	1416-AE-0847	43W	WS4	4000K	4335 lm	3,3

**CEILING RECESSED
INCASSI SOFFITTO**

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

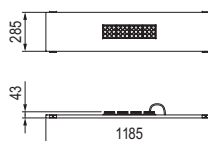
**REPLAY T15 285x1185 44W**

CE SLED IP20

Code <i>Codice</i>		System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1417-AE-1521	1418-AE-1521	44W	DK	3000K	4774 lm	4,4
1417-AE-1523	1418-AE-1523	44W	DK	4000K	5106 lm	4,4
1417-AE-1529	1418-AE-1529	44W	OV1/3	3000K	4187 lm	4,4
1417-AE-1531	1418-AE-1531	44W	OV1/3	4000K	4479 lm	4,4
1417-AE-1565	1418-AE-1565	44W	WS4	3000K	3975 lm	4,4
1417-AE-1567	1418-AE-1567	44W	WS4	4000K	4252 lm	4,4

**CEILING RECESSED
INCASSI SOFFITTO**

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

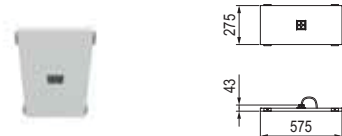
**REPLAY T15 285x1185 59W**

CE SLED IP20

Code <i>Codice</i>		System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1419-AE-2241	1420-AE-2241	59W	DK	3000K	6364 lm	4,8
1419-AE-2243	1420-AE-2243	59W	DK	4000K	6808 lm	4,8
1419-AE-2249	1420-AE-2249	59W	OV1/3	3000K	5582 lm	4,8
1419-AE-2251	1420-AE-2251	59W	OV1/3	4000K	5972 lm	4,8
1419-AE-2285	1420-AE-2285	59W	WS4	3000K	5300 lm	4,8
1419-AE-2287	1420-AE-2287	59W	WS4	4000K	5669 lm	4,8

REPLAY T24 275x575**CEILING RECESSED
INCASSI SOFFITTO**

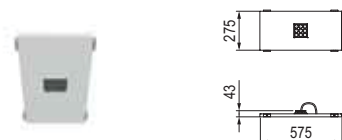
SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

**REPLAY T24 275x575 10W****CE SLED IP20**

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1501-AE-0009	1502-AE-0009	10W	DK	3000K	931 lm	1,4
1501-AE-0011	1502-AE-0011	10W	DK	4000K	997 lm	1,4
1501-AE-0017	1502-AE-0017	10W	OV1/3	3000K	900 lm	1,4
1501-AE-0019	1502-AE-0019	10W	OV1/3	4000K	964 lm	1,4
1501-AE-0053	1502-AE-0053	10W	WS4	3000K	900 lm	1,4
1501-AE-0055	1502-AE-0055	10W	WS4	4000K	964 lm	1,4

**CEILING RECESSED
INCASSI SOFFITTO**

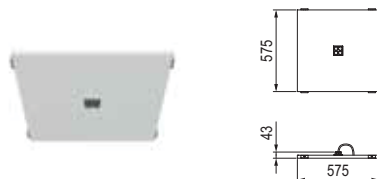
SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

**REPLAY T24 275x575 21W****CE SLED IP20**

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1503-AE-0225	1504-AE-0225	21W	DK	3000K	2091 lm	1,7
1503-AE-0227	1504-AE-0227	21W	DK	4000K	2242 lm	1,7
1503-AE-0233	1504-AE-0233	21W	OV1/3	3000K	2023 lm	1,7
1503-AE-0235	1504-AE-0235	21W	OV1/3	4000K	2169 lm	1,7
1503-AE-0269	1504-AE-0269	21W	WS4	3000K	2023 lm	1,7
1503-AE-0271	1504-AE-0271	21W	WS4	4000K	2169 lm	1,7

REPLAY T24 575x575**CEILING RECESSED
INCASSI SOFFITTO**

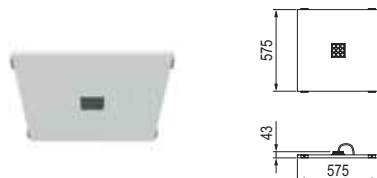
SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

**REPLAY T24 575x575 10W****CE SLED IP20**

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1505-AE-0009	1506-AE-0009	10W	DK	3000K	931 lm	2,5
1505-AE-0011	1506-AE-0011	10W	DK	4000K	997 lm	2,5
1505-AE-0017	1506-AE-0017	10W	OV1/3	3000K	900 lm	2,5
1505-AE-0019	1506-AE-0019	10W	OV1/3	4000K	964 lm	2,5
1505-AE-0053	1506-AE-0053	10W	WS4	3000K	900 lm	2,5
1505-AE-0055	1506-AE-0055	10W	WS4	4000K	964 lm	2,5

**CEILING RECESSED
INCASSI SOFFITTO**

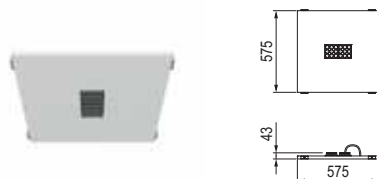
SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

**REPLAY T24 575x575 21W****CE SLED IP20**

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1507-AE-0225	1508-AE-0225	21W	DK	3000K	2091 lm	2,9
1507-AE-0227	1508-AE-0227	21W	DK	4000K	2242 lm	2,9
1507-AE-0233	1508-AE-0233	21W	OV1/3	3000K	2023 lm	2,9
1507-AE-0235	1508-AE-0235	21W	OV1/3	4000K	2169 lm	2,9
1507-AE-0269	1508-AE-0269	21W	WS4	3000K	2023 lm	2,9
1507-AE-0271	1508-AE-0271	21W	WS4	4000K	2169 lm	2,9

**CEILING RECESSED
INCASSI SOFFITTO**

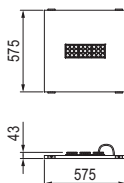
SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

**REPLAY T24 575x575 43W****CE SLED IP20**

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1509-AE-0801	1510-AE-0801	43W	DK	3000K	4182 lm	3,3
1509-AE-0803	1510-AE-0803	43W	DK	4000K	4483 lm	3,3
1509-AE-0809	1510-AE-0809	43W	OV1/3	3000K	4043 lm	3,3
1509-AE-0811	1510-AE-0811	43W	OV1/3	4000K	4335 lm	3,3
1509-AE-0845	1510-AE-0845	43W	WS4	3000K	4043 lm	3,3
1509-AE-0847	1510-AE-0847	43W	WS4	4000K	4335 lm	3,3

REPLAY T24 575x575**CEILING RECESSED
INCASSI SOFFITTO**

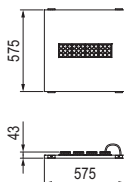
SLED optical system with UV resistant PC lenses.
Sistema ottico SLED con lenti in PC anti UV.

**REPLAY T24 575x575 44W****CE SLED IP20**

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1511-AE-1521	1512-AE-1521	44W	DK	3000K	4774 lm	4,4
1511-AE-1523	1512-AE-1523	44W	DK	4000K	5106 lm	4,4
1511-AE-1529	1512-AE-1529	44W	OV1/3	3000K	4187 lm	4,4
1511-AE-1531	1512-AE-1531	44W	OV1/3	4000K	4479 lm	4,4
1511-AE-1565	1512-AE-1565	44W	WS4	3000K	3975 lm	4,4
1511-AE-1567	1512-AE-1567	44W	WS4	4000K	4252 lm	4,4

**CEILING RECESSED
INCASSI SOFFITTO**

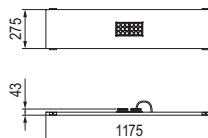
SLED optical system with UV resistant PC lenses.
Sistema ottico SLED con lenti in PC anti UV.

**REPLAY T24 575x575 59W****CE SLED IP20**

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1513-AE-2241	1514-AE-2241	59W	DK	3000K	6364 lm	4,8
1513-AE-2243	1514-AE-2243	59W	DK	4000K	6808 lm	4,8
1513-AE-2249	1514-AE-2249	59W	OV1/3	3000K	5582 lm	4,8
1513-AE-2251	1514-AE-2251	59W	OV1/3	4000K	5972 lm	4,8
1513-AE-2285	1514-AE-2285	59W	WS4	3000K	5300 lm	4,8
1513-AE-2287	1514-AE-2287	59W	WS4	4000K	5669 lm	4,8

REPLAY T24 275x1175**CEILING RECESSED
INCASSI SOFFITTO**

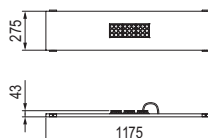
SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

**REPLAY T24 275x1175 43W****CE** **SLED IP20**

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1515-AE-0801	1516-AE-0801	43W	DK	3000K	4182 lm	3,3
1515-AE-0803	1516-AE-0803	43W	DK	4000K	4483 lm	3,3
1515-AE-0809	1516-AE-0809	43W	OV1/3	3000K	4043 lm	3,3
1515-AE-0811	1516-AE-0811	43W	OV1/3	4000K	4335 lm	3,3
1515-AE-0845	1516-AE-0845	43W	WS4	3000K	4043 lm	3,3
1515-AE-0847	1516-AE-0847	43W	WS4	4000K	4335 lm	3,3

**CEILING RECESSED
INCASSI SOFFITTO**

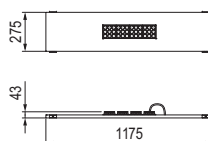
SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

**REPLAY T24 275x1175 44W****CE** **SLED IP20**

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1517-AE-1521	1518-AE-1521	44W	DK	3000K	4774 lm	4,4
1517-AE-1523	1518-AE-1523	44W	DK	4000K	5106 lm	4,4
1517-AE-1529	1518-AE-1529	44W	OV1/3	3000K	4187 lm	4,4
1517-AE-1531	1518-AE-1531	44W	OV1/3	4000K	4479 lm	4,4
1517-AE-1565	1518-AE-1565	44W	WS4	3000K	3975 lm	4,4
1517-AE-1567	1518-AE-1567	44W	WS4	4000K	4252 lm	4,4

**CEILING RECESSED
INCASSI SOFFITTO**

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.

**REPLAY T24 275x1175 59W****CE** **SLED IP20**

CODE NEW DEVELOPMENTS CODE		CODE OLD CODE				
Code <i>Codice</i>		System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1519-AE-2241	1520-AE-2241	59W	DK	3000K	6364 lm	4,8
1519-AE-2243	1520-AE-2243	59W	DK	4000K	6808 lm	4,8
1519-AE-2249	1520-AE-2249	59W	OV1/3	3000K	5582 lm	4,8
1519-AE-2251	1520-AE-2251	59W	OV1/3	4000K	5972 lm	4,8
1519-AE-2285	1520-AE-2285	59W	WS4	3000K	5300 lm	4,8
1519-AE-2287	1520-AE-2287	59W	WS4	4000K	5669 lm	4,8



TACTO





Tipology / Tipologia

WALL RECESSED
DOWNLIGHTS
INCASSI PARETE
DOWNLIGHTS

TACTO is a range of modular downlights, offering the suitable light for every application.

Owing to the use of SLED technology, the designer may choose the light tone combination, photometric distributions and light flows, which he believes to be more efficient in order to solve all lighting needs, even the most diverse ones: light for work environment, general lighting, accent lighting, and light for vertical surfaces.

From offices to retail, TACTO offers a complete range of solutions in an aesthetically consistent system in all its sizes and perspectives. In TACTO downlights, the lighting units and the wall-mounted frames are independent parts in order to confer flexibility during assembly and, above all, to the project. Once the frames are mounted, just fasten the lighting units with a simply click thanks to the "Easy Clip" system. With this construction, the lighting units can be easily removed, replaced and reassembled in any moment without using any tools.

TACTO è una linea di downlight modulari capace di offrire la luce adatta per ogni applicazione.

Grazie all'uso della tecnologia SLED, il progettista può scegliere la combinazione di tonalità di luce, distribuzioni fotometriche e flussi luminosi che ritiene più efficaci per risolvere necessità d'illuminazione anche molto diverse tra loro: luce per ambienti di lavoro, luce generale, luce di accento, luce per illuminare superfici verticali.

Dagli uffici al retail, TACTO si rivela una gamma di soluzioni completa in un sistema esteticamente coerente in tutte le sue declinazioni di taglia e di ottiche. Nei downlight TACTO le unità d'illuminazione e le cornici da incasso sono parti indipendenti per dare flessibilità nel montaggio e soprattutto nel progetto. Una volta incassati i frame basta fissare le unità ottiche a semplice scatto con il sistema "Easy Clip". Con questa costruzione le unità ottiche possono essere rimosse, sostituite e rimontate in qualsiasi momento senza bisogno di utensili.

ENVIRONMENTS
CONTESTI

Wellness, hallway, conference hall, art and culture, office, leisure areas, retail areas, study areas

Wellness, spazi d'accesso, sale conferenze, arte e cultura, ufficio, intrattenimento, vendita e commercio, studio ed educazione

Colours / Colori

STANDARD / BASE
VARIANT / VARIANTE

Embossed white RAL 9003 / Bianco gofrato RAL 9003
Matt black RAL 9005 / Nero opaco RAL 9005

Characteristics Caratteristiche

CONSTRUCTION
COSTRUZIONE

TACTO IP20

Housing made of brake-formed electrically welded steel plate 0.7 mm approx. thick, surface-treated and powder-coated. Powder painting after passivation.

Struttura in lamiera di acciaio presso-piegata, elettrosaldata, spessore 0,7 mm verniciata, dopo trattamenti superficiali, con polveri polimerizzate. Verniciatura a polveri previa passivazione.

TACTO IP54

Housing made of AISI 304 stainless steel brake-formed and fully TIG welded, powder-coated. Powder painting after passivation.

Struttura in lamiera di acciaio inox AISI 304 presso-piegata, elettrosaldata a TIG, verniciata a polvere. Verniciatura a polveri previa passivazione.

OPTICAL SYSTEM
SISTEMA OTTICO

SLED optical system with UV resistant PC lenses.
Sistema ottico SLED con lenti in PC anti UV.

SOURCES / SORGENTI

LED CRI>80 MacAdam 2

LIFETIME

50.000h L80B10 (Ta=25°C)

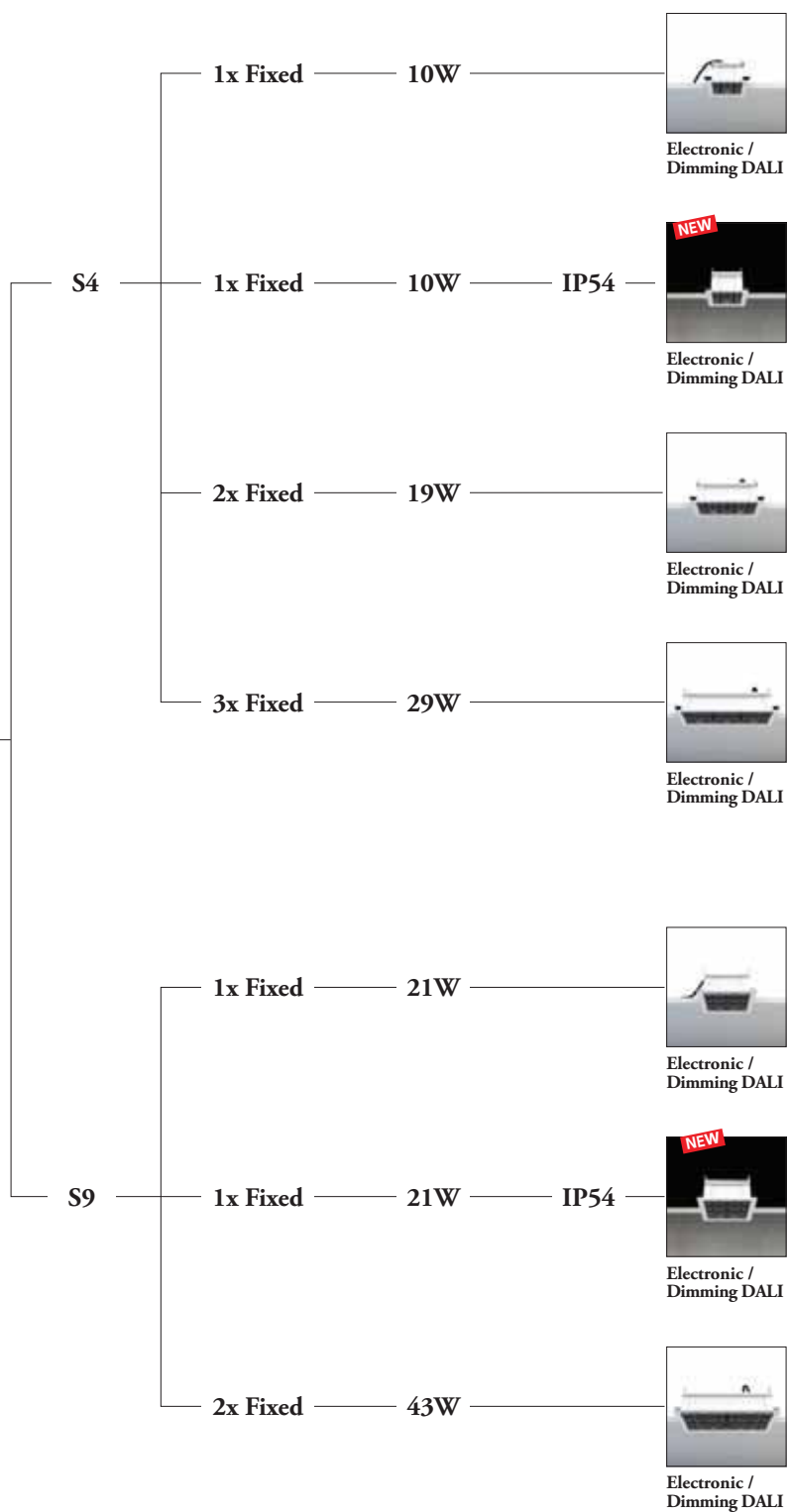
STANDARDS / NORME
DIRECTIVES / DIRETTIVE

To see page / Vedere pagina 159

TACTO

WALL RECESSED
INCASSI PARETE

DOWNLIGHTS



TACTO S4 1x



1x SLED 4
4 LEDs
10W (700mA)
1.000 +
lumen output

TACTO S4 2x



2x SLED 4
8 LEDs
19W (700mA)
2.000 +
lumen output

TACTO S4 3x



3x SLED 4
12 LEDs
29W (700mA)
3.000 +
lumen output

TACTO S9 1x



1x SLED 9
9 LEDs
21W (700mA)
2.200 +
lumen output

TACTO S9 2x



2x SLED 9
18 LEDs
43W (700mA)
4.500 +
lumen output

MOUNTING MONTAGGI

QUICK INSTALLATION INSTALLAZIONE RAPIDA

Without any tools
Senza uso di utensili



①

Installation frame without any tools.
Installazione del frame senza uso di utensili.

②

Connect the Optic Unit driver (included) to power.
Connessione dell'unità ottica all'alimentazione.

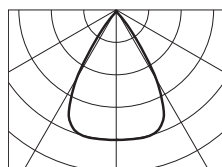
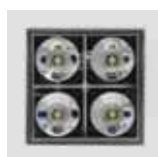
③

Optic Unit are simply **snapped into place** with "Easy Clip System" and can be de-installed and re-installed at a later date without the use of any tools.
*Inserimento a scatto dell'unità ottica tramite sistema "Easy Clip".
L'unità ottica può essere rimossa, sostituita e rimontata in qualsiasi momento senza bisogno di utensili.*

LIGHTING BEAMS RANGE GAMMA DI EMISSIONI

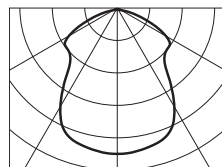
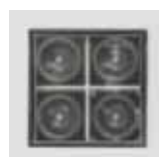
Total flexibility for every mounting height and spacing requirements. The look does not change.
*Flessibilità totale per ogni interdistanza ed altezza di montaggio.
L'aspetto estetico rimane sempre lo stesso.*

DK DARK



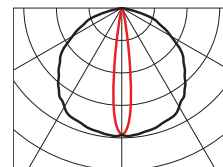
Rotosymmetric beam with 60° opening suitable for office lighting with video terminal workstations.
Fascio rotosimmetrico con apertura 60° conforme all'uso in ambienti con presenza di videoterminali.
η 100% UGR t <19 UGR l <19

RR DIFFUSED ROTOSYMMETRIC ROTSIMMETRICO DIFFUSO



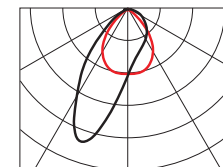
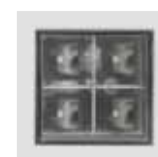
Rotosymmetric diffused beam for general lighting in large areas or low height installations.
Fascio rotosimmetrico diffuso per l'illuminazione generale di grandi aree o per altezze ridotte.

OV OVAL OVALE



Oval beam for diffused grazing light and for the longitudinal lighting of corridors.
Fascio ovale per illuminazione radente diffusa e per l'illuminazione longitudinale di corridoi.

WS WALL WASHER



Oriented beam for wall washing designed for uniform illumination of the surface perpendicular to the light.
Fascio orientato per il lavaggio di pareti studiata per l'illuminazione uniforme della superficie perpendicolare a quella luminosa.

STANDARD
BASE
VARIANT
VARIANTE

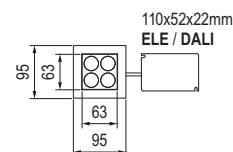
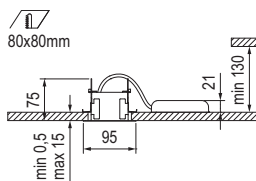


embossed white RAL 9003
bianco goffrato RAL 9003
matt black RAL 9005
nero opaco RAL 9005

TACTO S4

WALL RECESSED,
DOWNLIGHTS
INCASSI PARETE,
DOWNLIGHTS

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



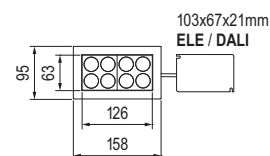
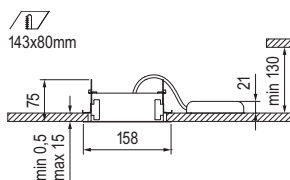
TACTO S4 1x fixed

CE SLED IP20

Code EL Codice EL	Code DALI Codice DALI	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2103-DN-0009	2104-DN-0009	10W	DK	3000K CRI>80	942 lm	0,3
2103-DN-0011	2104-DN-0011	10W	DK	4000K CRI>80	1008 lm	0,3
2103-DN-0013	2104-DN-0013	10W	RR	3000K CRI>80	910 lm	0,3
2103-DN-0015	2104-DN-0015	10W	RR	4000K CRI>80	972 lm	0,3
2103-DN-0017	2104-DN-0017	10W	OV1/3	3000K CRI>80	826 lm	0,3
2103-DN-0019	2104-DN-0019	10W	OV1/3	4000K CRI>80	884 lm	0,3
2103-DN-0053	2104-DN-0053	10W	WS4	3000K CRI>80	785 lm	0,3
2103-DN-0055	2104-DN-0055	10W	WS4	4000K CRI>80	840 lm	0,3

WALL RECESSED,
DOWNLIGHTS
INCASSI PARETE,
DOWNLIGHTS

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



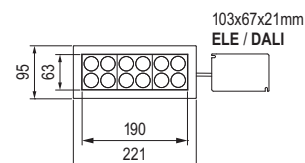
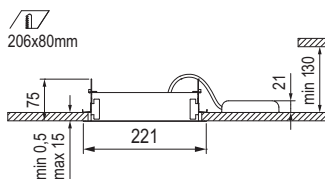
TACTO S4 2x fixed

CE SLED IP20

Code EL Codice EL	Code DALI Codice DALI	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2105-DN-0441	2106-DN-0441	19W	DK	3000K CRI>80	1883 lm	0,4
2105-DN-0443	2106-DN-0443	19W	DK	4000K CRI>80	2014 lm	0,4
2105-DN-0445	2106-DN-0445	19W	RR	3000K CRI>80	1818 lm	0,4
2105-DN-0447	2106-DN-0447	19W	RR	4000K CRI>80	1944 lm	0,4
2105-DN-0449	2106-DN-0449	19W	OV1/3	3000K CRI>80	1652 lm	0,4
2105-DN-0451	2106-DN-0451	19W	OV1/3	4000K CRI>80	1767 lm	0,4
2105-DN-0485	2106-DN-0485	19W	WS4	3000K CRI>80	1569 lm	0,4
2105-DN-0487	2106-DN-0487	19W	WS4	4000K CRI>80	1678 lm	0,4

WALL RECESSED,
DOWNLIGHTS
INCASSI PARETE,
DOWNLIGHTS

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



TACTO S4 3x fixed

CE SLED IP20

Code EL Codice EL	Code DALI Codice DALI	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
2107-DN-1161	2108-DN-1161	29W	DK	3000K CRI>80	2824 lm	0,6
2107-DN-1163	2108-DN-1163	29W	DK	4000K CRI>80	3021 lm	0,6
2107-DN-1165	2108-DN-1165	29W	RR	3000K CRI>80	2726 lm	0,6
2107-DN-1167	2108-DN-1167	29W	RR	4000K CRI>80	2916 lm	0,6
2107-DN-1169	2108-DN-1169	29W	OV1/3	3000K CRI>80	2477 lm	0,6
2107-DN-1171	2108-DN-1171	29W	OV1/3	4000K CRI>80	2650 lm	0,6
2107-DN-1205	2108-DN-1205	29W	WS4	3000K CRI>80	2351 lm	0,6
2107-DN-1207	2108-DN-1207	29W	WS4	4000K CRI>80	2516 lm	0,6

STANDARD
BASE
VARIANT
VARIANTE

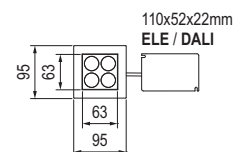
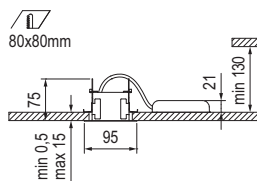
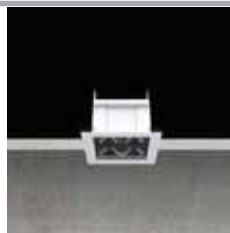
DN
BE
embossed white RAL 9003
bianco goffrato RAL 9003
matt black RAL 9005
nero opaco RAL 9005

TACTO

TACTO S4 IP54 **NEW**

WALL RECESSED,
DOWNLIGHTS
INCASSI PARETE,
DOWNLIGHTS

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



TACTO S4 IP54 1x fixed **NEW**

CE SLED IK06 IP54

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
2124-DN-0013	2125-DN-0013	10W	RR	3000K CRI>80	910 lm	0,5
2124-DN-0015	2125-DN-0015	10W	RR	4000K CRI>80	972 lm	0,5

Optional accessories *Accessori opzionali*

Electrical *Elettrico*



ACS/CR6

4 ways IP68 wiring box for cable
Ø5-14mm - 3x1,5mm.
Box elettrico 4 vie IP68 per cavo
Ø5-14mm - 3x1,5mm.

Benoil SA New building - Mendrisio - Switzerland - Architect: Studio Sangiorgio Marco SA - Electric Project: P&P Studio Elettrotecnico Sg



STANDARD
BASE
VARIANT
VARIANTE

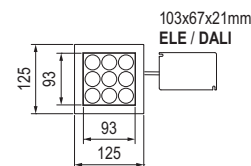
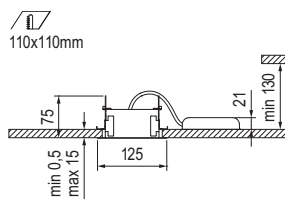
DN
BE

embossed white RAL 9003
bianco goffrato RAL 9003
matt black RAL 9005
nero opaco RAL 9005

TACTO S9

WALL RECESSED,
DOWNLIGHTS
INCASSI PARETE,
DOWNLIGHTS

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



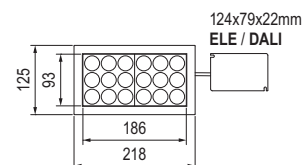
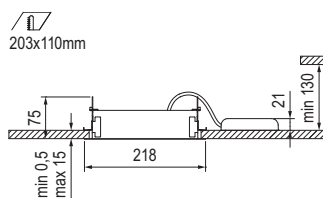
TACTO S9 1x fixed

CE SLED IP20

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
2113-DN-0225	2114-DN-0225	21W	DK	3000K CRI>80	2118 lm	0,5
2113-DN-0227	2114-DN-0227	21W	DK	4000K CRI>80	2266 lm	0,5
2113-DN-0229	2114-DN-0229	21W	RR	3000K CRI>80	2045 lm	0,5
2113-DN-0231	2114-DN-0231	21W	RR	4000K CRI>80	2187 lm	0,5
2113-DN-0233	2114-DN-0233	21W	OV1/3	3000K CRI>80	1858 lm	0,5
2113-DN-0235	2114-DN-0235	21W	OV1/3	4000K CRI>80	1988 lm	0,5
2113-DN-0269	2114-DN-0269	21W	WS4	3000K CRI>80	1764 lm	0,5
2113-DN-0271	2114-DN-0271	21W	WS4	4000K CRI>80	1888 lm	0,5

WALL RECESSED,
DOWNLIGHTS
INCASSI PARETE,
DOWNLIGHTS

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti
in PC anti UV.



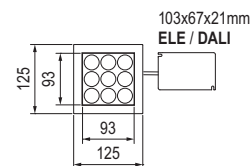
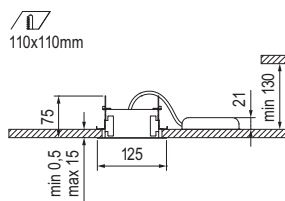
TACTO S9 2x fixed

CE SLED IP20

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
2115-DN-0801	2116-DN-0801	43W	DK	3000K CRI>80	4235 lm	1,1
2115-DN-0803	2116-DN-0803	43W	DK	4000K CRI>80	4531 lm	1,1
2115-DN-0805	2116-DN-0805	43W	RR	3000K CRI>80	4088 lm	1,1
2115-DN-0807	2116-DN-0807	43W	RR	4000K CRI>80	4372 lm	1,1
2115-DN-0809	2116-DN-0809	43W	OV1/3	3000K CRI>80	3715 lm	1,1
2115-DN-0811	2116-DN-0811	43W	OV1/3	4000K CRI>80	3975 lm	1,1
2115-DN-0845	2116-DN-0845	43W	WS4	3000K CRI>80	3527 lm	1,1
2115-DN-0847	2116-DN-0847	43W	WS4	4000K CRI>80	3774 lm	1,1

Gino Guitars - Milano - Italy



TACTO S9 IP54 **NEW**WALL RECESSED,
DOWNLIGHTS
INCASSI PARETE,
DOWNLIGHTSSLED optical system with PC lenses and
antiscratch UV resistant treatment.
Sistema ottico SLED con lenti in PC con
trattamento antigraffio anti UV.TACTO S9 IP54 1x fixed **NEW**

CE SLED IK06 IP54

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
2126-DN-0229	2127-DN-0229	21W	RR	3000K CRI>80	2045 lm	0,7
2126-DN-0231	2127-DN-0231	21W	RR	4000K CRI>80	2187 lm	0,7

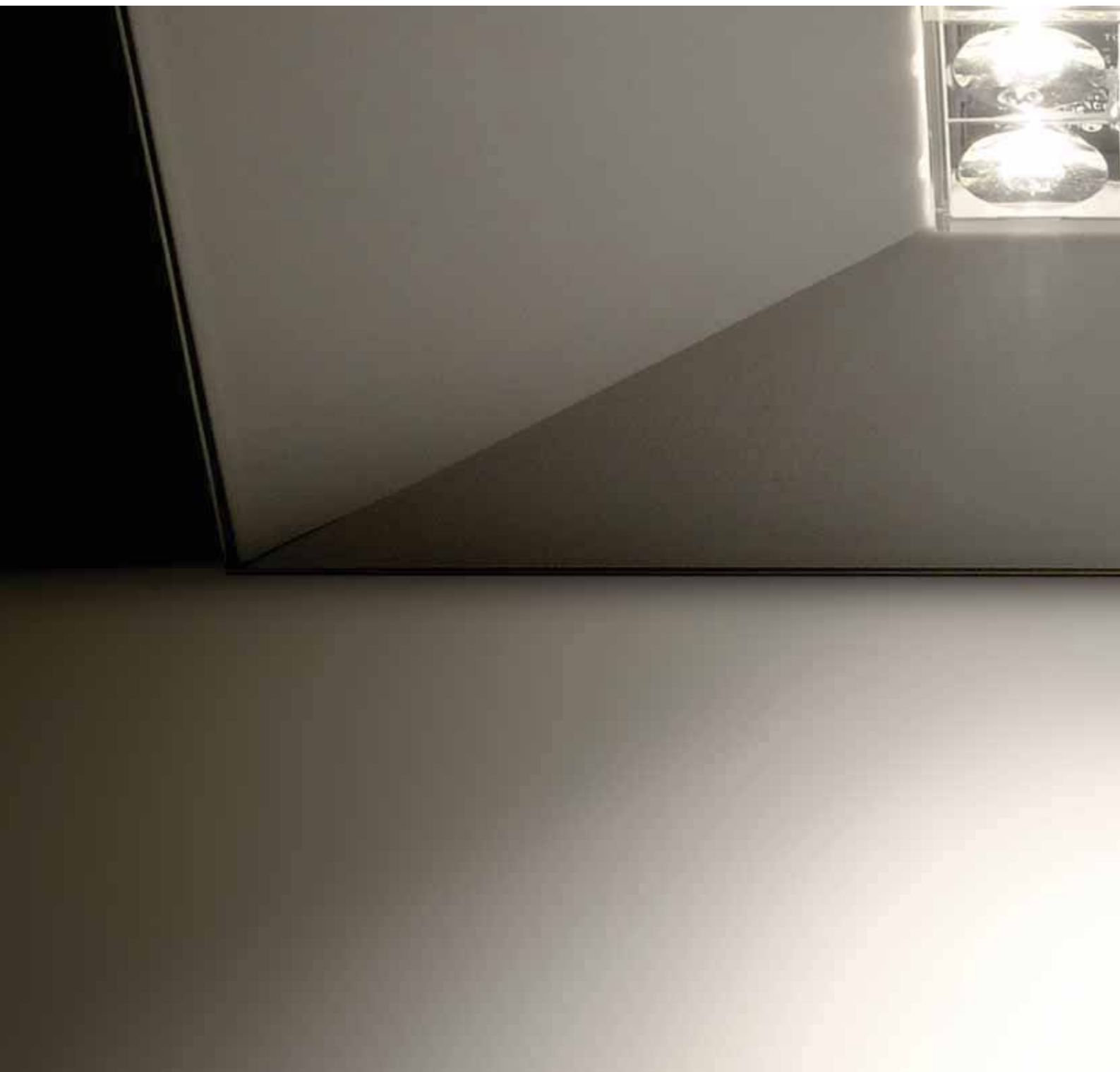
Optional accessories
*Accessori opzionali*Electrical
Elettrico

ACS/CR6

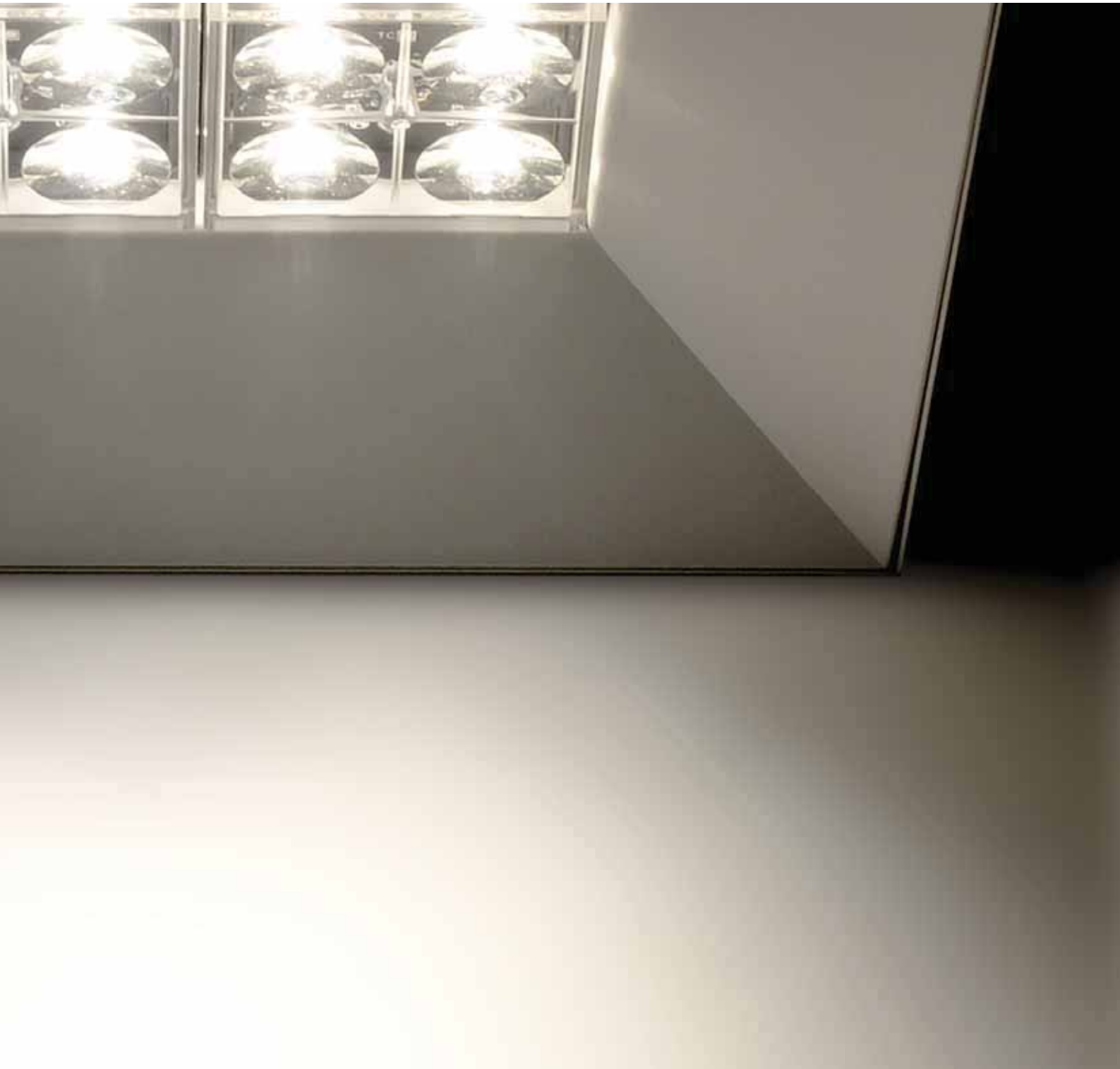
4 ways IP68 wiring box for cable
Ø5-14mm - 3x1,5mm.
Box elettrico 4 vie IP68 per cavo
Ø5-14mm - 3x1,5mm.

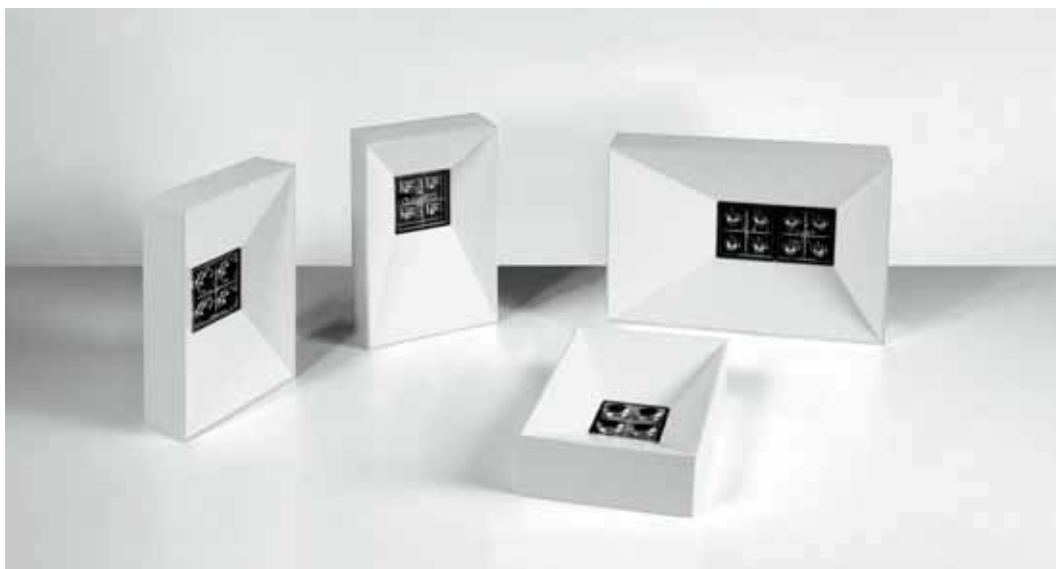
Benoil SA New building - Mendrisio - Switzerland - Architect: Studio Sangiorgio Marco SA - Electric Project: P&P Studio Elettrotecnico Sgsl





USEPARTOUT





Tipology / Tipologia

WALL RECESSED
CEILING RECESSED
WALL MOUNTED
CEILING
DOWNLIGHTS
INCASSI PARETE
INCASSI SOFFITTO
PARETE
SOFFITTO
DOWNLIGHTS

ENVIRONMENTS
CONTESTI

Inspired by contemporary architectural languages, "USEPARTOUT" combines the concept of "frame passpartout" to the maximum flexibility that only this concept of luminaires can provide.

True multi-functional object, combination of design and technology thanks to SLED lighting sources (LED modular system patented by Castaldi Lighting), "USEPARTOUT" is designed to provide architects, interior and lighting designers with a tool to stage, enhance and give soul to their projects through the light. *Ispirato ai nuovi linguaggi architettonici contemporanei "USEPARTOUT" unisce l'idea di "cornice passpartout" alla massima flessibilità che solo un concetto come questo può dare. Vero oggetto multifunzionale, connubio di design e tecnologia grazie alle sorgenti SLED (sistema modulare LED brevettato da Castaldi Lighting), "USEPARTOUT" è stato pensato per dare ad architetti, interior e lighting designer uno strumento per mettere in scena, valorizzare e dare anima ai loro progetti grazie alla luce.*

Wellness, hallway, conference hall, art and culture, office, retail areas
Wellness, spazi d'accesso, sale conferenze, arte e cultura, ufficio, vendita e commercio

Colours / Colori

STANDARD / BASE
VARIANT / VARIANTE

Embossed white RAL 9003 / *Bianco goffrato RAL 9003*
Graphite satin finish, Corten / *Grafite satinato, Corten*

Characteristics Caratteristiche

CONSTRUCTION
COSTRUZIONE

Housing made of brake-formed electrically welded steel plate 0.7 mm approx. thick, surface-treated and powder-coated.
Struttura in lamiera di acciaio presso-piegata, elettrosaldata, spessore 0,7 mm verniciata, dopo trattamenti superficiali, con polveri polimerizzate.

OPTICAL SYSTEM
SISTEMA OTTICO

SLED optical system with UV resistant PC lenses.
Sistema ottico SLED con lenti in PC anti UV.

SOURCES / SORGENTI

LED CRI>80 CRI>90 MacAdam 2

LIFETIME

50.000h L80B10 (Ta=25°C)

STANDARDS / NORME
DIRECTIVES / DIRETTIVE

To see page / *Vedere pagina 159*



Embossed white - Ral 9003
Bianco goffrato - Ral 9003



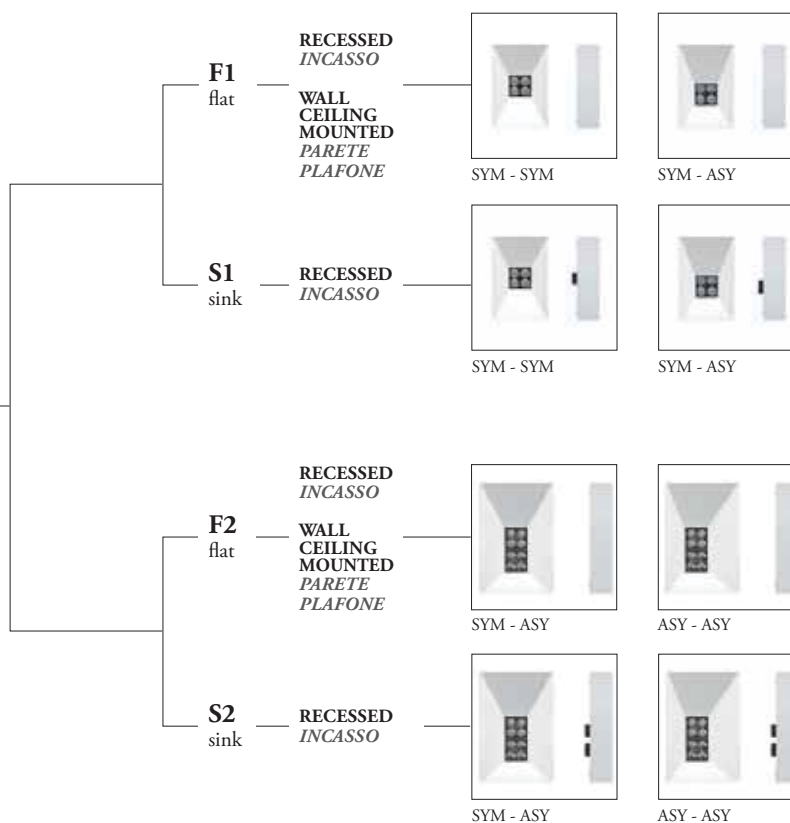
Graphite satin finish
Grafite satinato



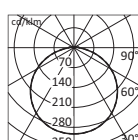
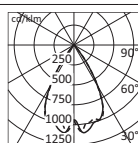
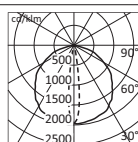
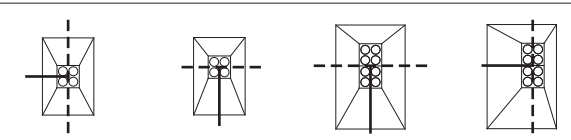
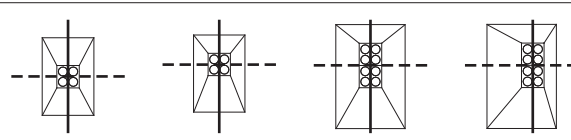
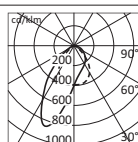
Corten

USEPARTOUT

Design by: Joerg Krewinkel



Photometric/Fotometrie

Diffused beam
(FE)**FE**
FULL
EFFECT**DK**
DARK**OV1**
OVAL**WS**
WALL
WASHER

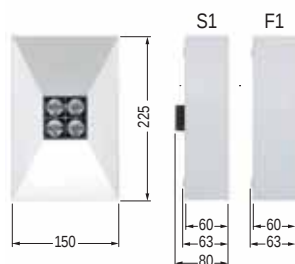
APPLICATIONS/APPLICAZIONI

Functional & decorative

- Retail
- Hospitality
- Office & public buildings
- Residential

Funzionale e decorativo

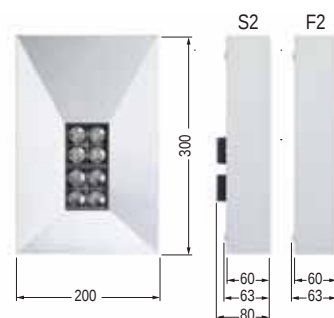
- Spazi dedicati alla vendita
- Hall
- Uffici ed edifici pubblici
- Luoghi residenziali



Small size / Misura piccola
(mainly decorative applications)
(principalmente applicazioni decorative)
Up to 10W
1000+lm

S1 = 10W up to 1000+lm
(version with sink / versioni con dissipatore)

F1 = 7W up to 750+lm
(version without sink / versioni senza dissipatore)

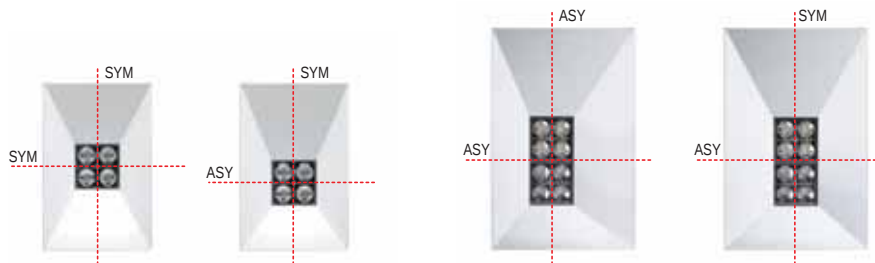


Large size / Misura grande
(decorative & functional applications)
(applicazioni decorative e funzionali)
Up to 19W
2000+lm

S2 = 19W up to 2000+lm
(version with sink / versioni con dissipatore)

F2 = 13W up to 1500+lm
(version without sink / versioni senza dissipatore)

RANGE/GAMMA



SMART SHAPE

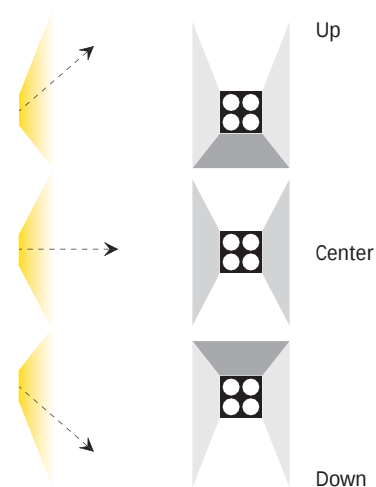
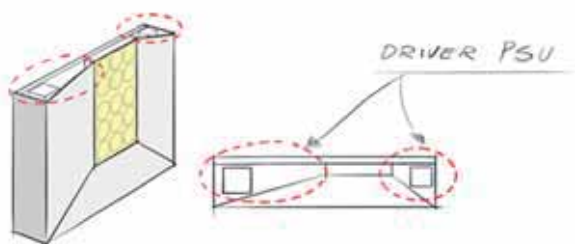
FORMA INTELLIGENTE

Framing the light

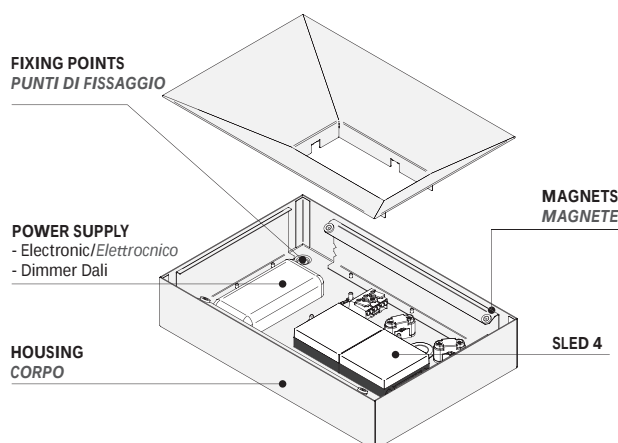
The distinct form is following the light beam orientation.

Cornice di luce

La particolare forma segue l'orientamento del fascio di luce.



COSTRUZIONE/COSTRUZIONE



INSTALLATION AND ACCESSORIES INSTALLAZIONI E INCASSO

				
Versions Versioni		Wall-Ceiling mounted <i>Parete - Plafone</i>	Recessed in plasterboard <i>Incasso in cartongesso</i>	Recessed in concrete <i>Incasso in cemento</i>
	USEPARTOUT F1 flat version without sink <i>versioni senza dissipatore</i>	✓	✓ add/aggiungere (cod. 1300-K001)	✓ add/aggiungere (cod. 1300-K003)
	USEPARTOUT S1 sink version with sink <i>versioni con dissipatore</i>	✗ can't be mounted <i>non può essere montato</i>	✓ add/aggiungere (cod. 1300-K001)	✓ add/aggiungere (cod. 1300-K003)
	USEPARTOUT F2 flat version without sink <i>versioni senza dissipatore</i>	✓	✓ add/aggiungere (cod. 1300-K002)	✓ add/aggiungere (cod. 1300-K004)
	USEPARTOUT S2 sink version with sink <i>versioni con dissipatore</i>	✗ can't be mounted <i>non può essere montato</i>	✓ add/aggiungere (cod. 1300-K002)	✓ add/aggiungere (cod. 1300-K004)

For recessed installations see page 156
 Per installazioni ad incasso vedi pagina 156

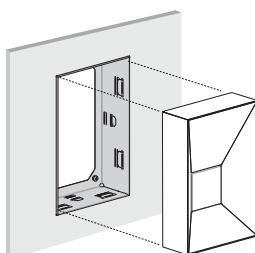
Trimless installation (only rough-in box) / Installazione Trimless - (solo cassaforma)

Rough-in box/Cassaforma

For plasterboard recessed installations the recessing kit it is necessary.

To see page 156

Per installazioni a incasso in cartongesso è indispensabile acquistare l'apposito kit. Vedere pagina 156



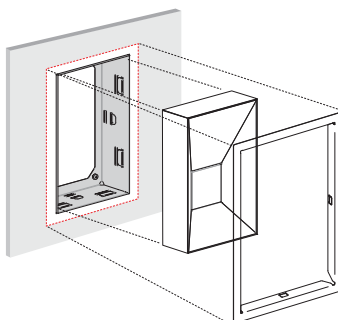
Frame installation (rough-in box + frame) / Installazione con frame (cassaforma + frame)

Frame

For recessed installations more faster and simple, add frame accessory.

To see page 156

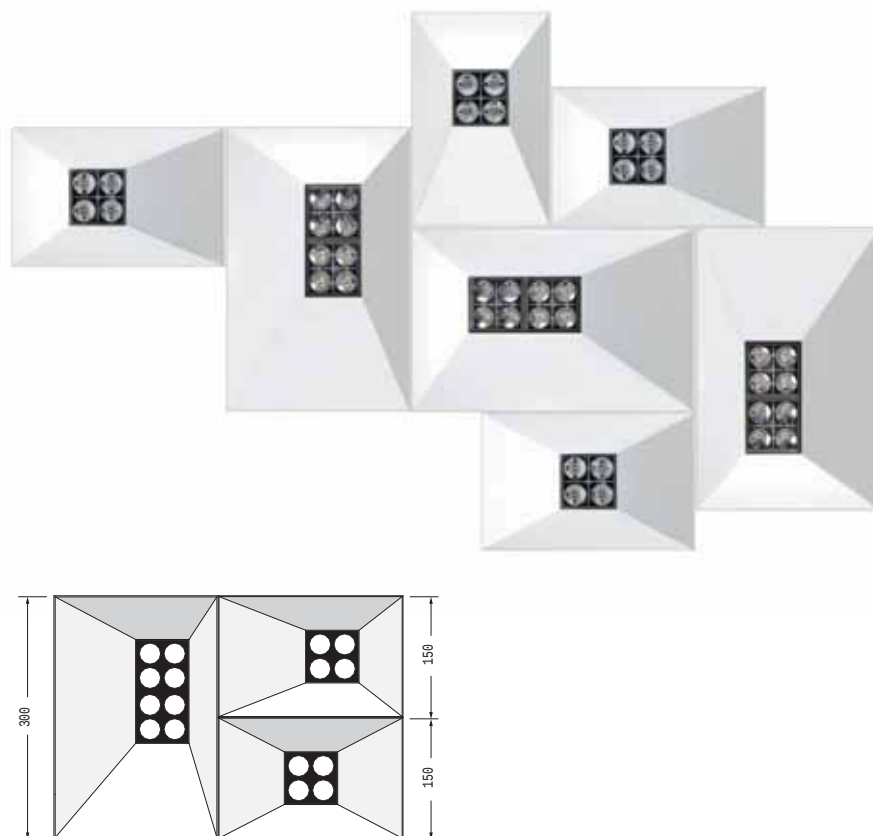
Per installazioni ad incasso più veloci e semplici, aggiungere l'accessorio frame. Vedere pagina 156



CLUSTER ARRANGEMENT ASSEMBLAGGI CLUSTER

Luminaire proportions are designed to fit well into multiple arrangements.
Le proporzioni dell'apparecchio sono progettate per creare soluzioni multiple.

Ceiling application picture
Nell'immagine installazione a plafone



STANDARD COLOUR FINITURE STANDARD



DN

Embossed white - Ral 9003
Bianco goffrato- Ral 9003



GR

Graphite satin finish
Grafite satinato



CO

Corten

CUSTOM COLOUR FINITURE CUSTOM

Usepartout can be customized with 3D coloring custom using water transfer printing (available only for significant quantities).
Usepartout può essere personalizzato con colorazione 3D custom tramite Cubicatura (disponibile solo per quantitativi rilevanti).



Fabric
Tessuto



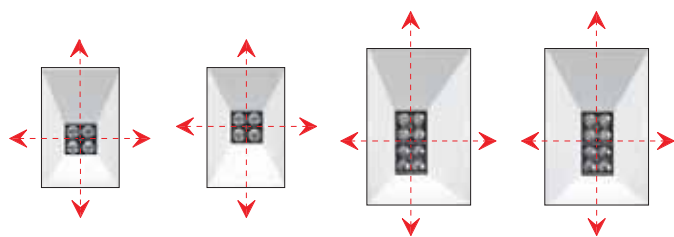
Wood
Legno



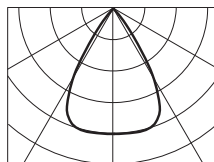
Marble
Marmo



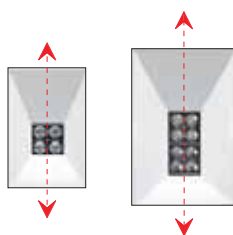
DOWNLIGHTING / ILLUMINAZIONE VERSO IL BASSO


with DK - Darklight
con ottica DK - Darklight

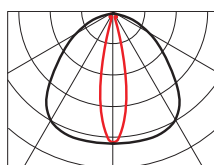
Rotosymmetric beam with 60° opening suitable for office lighting with video terminal workstations (UGR<19).
 Fascio rotosimmetrico con apertura 60° conforme all'uso in ambienti con presenza di videotermini (UGR<19).



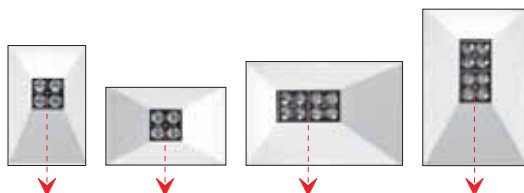
CORRIDOR LIGHTING / ILLUMINAZIONE DI CORRIDOI


with OV - Oval beam
con ottica OV - fascio ovale

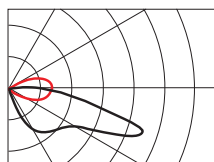
Fore longitudinal lighting of corridors.
 Per l'illuminazione longitudinale di corridoi.



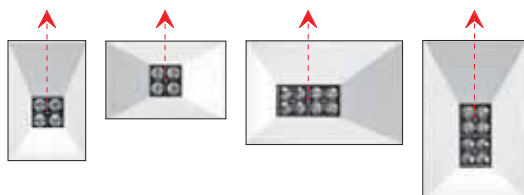
FLOOR LIGHTING / ILLUMINAZIONE DI PAVIMENTI


with WS - Wall washer
con ottica WS - Wall washer

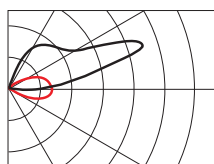
Oriented beam for uniform illumination of floor.
 Fascio orientato per l'illuminazione di pavimenti.

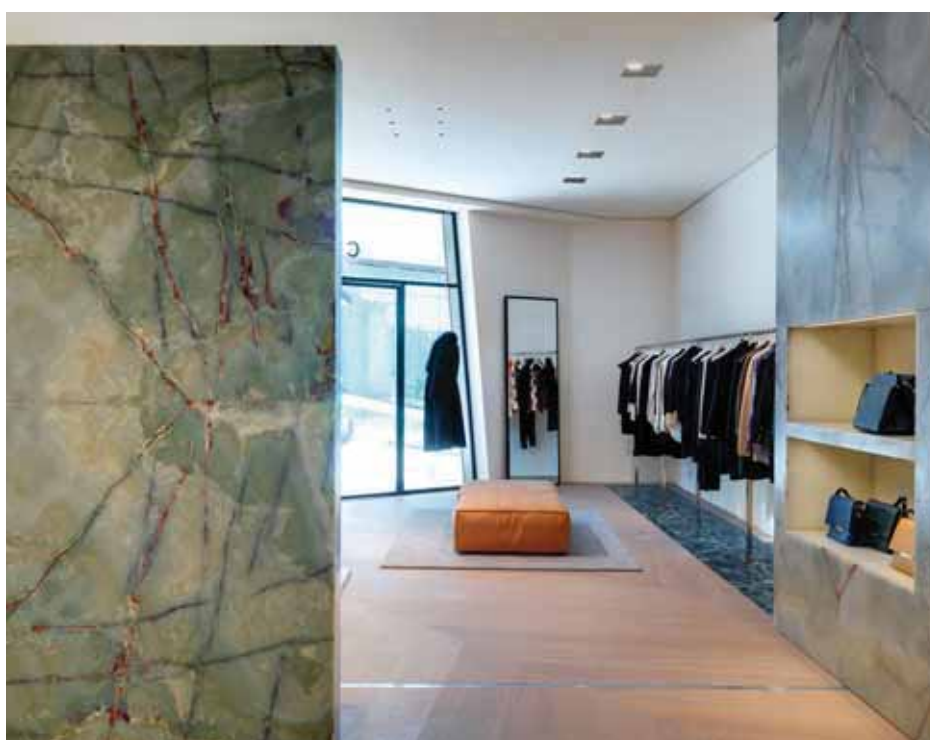


UPLIGHTING / ILLUMINAZIONE VERSO L'ALTO


with WS - Wall washer
con ottica WS - Wall washer

Oriented beam for uniform illumination of vertical surface.
 Fascio orientato per l'illuminazione uniforme della superficie verticale.





- Retail
- Hospitality
- Office & public buildings
- Residential
- Spazi dedicati alla vendita
- Hall
- Uffici ed edifici pubblici
- Luoghi residenziali

STANDARD
BASE
VARIANT
VARIANTE

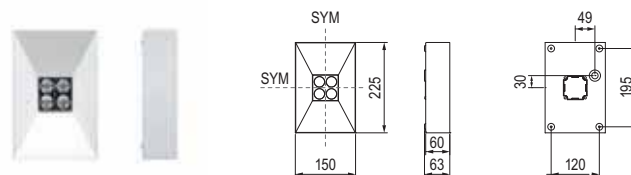


embossed white RAL 9003
bianco goffrato RAL 9003
graphite satin finish
grafite satinato
corten

USEPARTOUT flat 1

WALL RECESSED, CEILING
RECESSED, WALL MOUNTED,
CEILING, DOWNLIGHTS
INCASSI PARETE, INCASSI
SOFFITTO, PARETE,
SOFFITTO, DOWNLIGHTS

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.



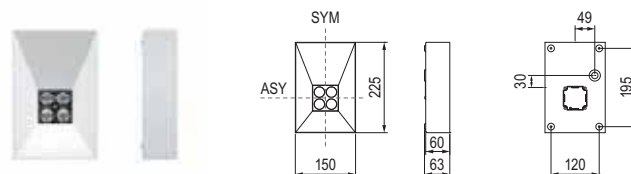
USEPARTOUT flat 1x SYM-SYM

CE SLED IP20

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1301-DN-0153	1302-DN-0153	7W	DK	3000K CRI>80	708 lm	1,3
1301-DN-0155	1302-DN-0155	7W	DK	4000K CRI>80	758 lm	1,3
1301-DN-9341	1302-DN-9341	7W	DK	3000K CRI>90	410 lm	1,3
1301-DN-4703	1302-DN-4703	7W	DK	4000K CRI>90	458 lm	1,3
1301-DN-0161	1302-DN-0161	7W	OV1/3	3000K CRI>80	621 lm	1,3
1301-DN-0163	1302-DN-0163	7W	OV1/3	4000K CRI>80	664 lm	1,3
1301-DN-9345	1302-DN-9345	7W	OV1/3	3000K CRI>90	359 lm	1,3
1301-DN-4711	1302-DN-4711	7W	OV1/3	4000K CRI>90	402 lm	1,3
1301-DN-0197	1302-DN-0197	7W	WS4	3000K CRI>80	589 lm	1,3
1301-DN-0199	1302-DN-0199	7W	WS4	4000K CRI>80	631 lm	1,3
1301-DN-9363	1302-DN-9363	7W	WS4	3000K CRI>90	342 lm	1,3
1301-DN-4747	1302-DN-4747	7W	WS4	4000K CRI>90	381 lm	1,3
1301-DN-9105	1302-DN-9105	7W	FE	3000K CRI>80	353 lm	1,3
1301-DN-9107	1302-DN-9107	7W	FE	4000K CRI>80	377 lm	1,3
1301-DN-11543	1302-DN-11543	7W	FE	3000K CRI>90	204 lm	1,3
1301-DN-9151	1302-DN-9151	7W	FE	4000K CRI>90	228 lm	1,3

WALL RECESSED, CEILING
RECESSED, WALL MOUNTED,
CEILING, DOWNLIGHTS
INCASSI PARETE, INCASSI
SOFFITTO, PARETE,
SOFFITTO, DOWNLIGHTS

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.



USEPARTOUT flat 1x SYM-ASY

CE SLED IP20

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1303-DN-0153	1304-DN-0153	7W	DK	3000K CRI>80	708 lm	1,3
1303-DN-0155	1304-DN-0155	7W	DK	4000K CRI>80	758 lm	1,3
1303-DN-9341	1304-DN-9341	7W	DK	3000K CRI>90	410 lm	1,3
1303-DN-4703	1304-DN-4703	7W	DK	4000K CRI>90	458 lm	1,3
1303-DN-0161	1304-DN-0161	7W	OV1/3	3000K CRI>80	621 lm	1,3
1303-DN-0163	1304-DN-0163	7W	OV1/3	4000K CRI>80	664 lm	1,3
1303-DN-9345	1304-DN-9345	7W	OV1/3	3000K CRI>90	359 lm	1,3
1303-DN-4711	1304-DN-4711	7W	OV1/3	4000K CRI>90	402 lm	1,3
1303-DN-0193	1304-DN-0193	7W	WS3	3000K CRI>80	589 lm	1,3
1303-DN-0195	1304-DN-0195	7W	WS3	4000K CRI>80	631 lm	1,3
1303-DN-9361	1304-DN-9361	7W	WS3	3000K CRI>90	342 lm	1,3
1303-DN-4743	1304-DN-4743	7W	WS3	4000K CRI>90	381 lm	1,3
1303-DN-9105	1304-DN-9105	7W	FE	3000K CRI>80	353 lm	1,3
1303-DN-9107	1304-DN-9107	7W	FE	4000K CRI>80	377 lm	1,3
1303-DN-11543	1304-DN-11543	7W	FE	3000K CRI>90	204 lm	1,3
1303-DN-9151	1304-DN-9151	7W	FE	4000K CRI>90	228 lm	1,3

Optional accessories *Accessori opzionali*

- To see page 156
- Vedere pagina 156

STANDARD
BASE
VARIANTE
VARIANTE

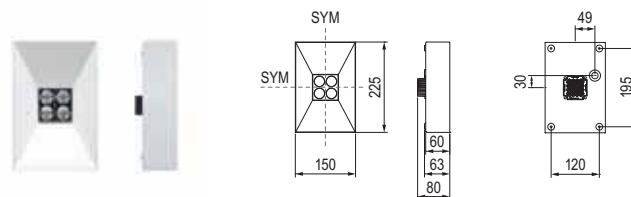


embossed white RAL 9003
bianco goffrato RAL 9003
graphite satin finish
grafite satinato
corten

USEPARTOUT sink 1

WALL RECESSED,
CEILING RECESSED
INCASSI PARETE,
INCASSI SOFFITTO

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.



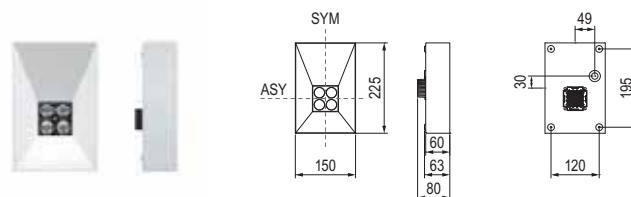
USEPARTOUT sink 1x SYM-SYM

CE SLED IP20

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1305-DN-0081	1306-DN-0081	10W	DK	3000K CRI>80	942 lm	1,4
1305-DN-0083	1306-DN-0083	10W	DK	4000K CRI>80	1008 lm	1,4
1305-DN-9305	1306-DN-9305	10W	DK	3000K CRI>90	546 lm	1,4
1305-DN-4631	1306-DN-4631	10W	DK	4000K CRI>90	610 lm	1,4
1305-DN-0089	1306-DN-0089	10W	OV1/3	3000K CRI>80	826 lm	1,4
1305-DN-0091	1306-DN-0091	10W	OV1/3	4000K CRI>80	884 lm	1,4
1305-DN-9309	1306-DN-9309	10W	OV1/3	3000K CRI>90	479 lm	1,4
1305-DN-4639	1306-DN-4639	10W	OV1/3	4000K CRI>90	534 lm	1,4
1305-DN-0125	1306-DN-0125	10W	WS4	3000K CRI>80	785 lm	1,4
1305-DN-0127	1306-DN-0127	10W	WS4	4000K CRI>80	840 lm	1,4
1305-DN-9327	1306-DN-9327	10W	WS4	3000K CRI>90	454 lm	1,4
1305-DN-4675	1306-DN-4675	10W	WS4	4000K CRI>90	507 lm	1,4
1305-DN-9101	1306-DN-9101	10W	FE	3000K CRI>80	469 lm	1,4
1305-DN-9103	1306-DN-9103	10W	FE	4000K CRI>80	501 lm	1,4
1305-DN-11541	1306-DN-11541	10W	FE	3000K CRI>90	272 lm	1,4
1305-DN-9147	1306-DN-9147	10W	FE	4000K CRI>90	303 lm	1,4

WALL RECESSED,
CEILING RECESSED
INCASSI PARETE,
INCASSI SOFFITTO

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.



USEPARTOUT sink 1x SYM-ASY

CE SLED IP20

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1307-DN-0081	1308-DN-0081	10W	DK	3000K CRI>80	942 lm	1,4
1307-DN-0083	1308-DN-0083	10W	DK	4000K CRI>80	1008 lm	1,4
1307-DN-9305	1308-DN-9305	10W	DK	3000K CRI>90	546 lm	1,4
1307-DN-4631	1308-DN-4631	10W	DK	4000K CRI>90	610 lm	1,4
1307-DN-0089	1308-DN-0089	10W	OV1/3	3000K CRI>80	826 lm	1,4
1307-DN-0091	1308-DN-0091	10W	OV1/3	4000K CRI>80	884 lm	1,4
1307-DN-9309	1308-DN-9309	10W	OV1/3	3000K CRI>90	479 lm	1,4
1307-DN-4639	1308-DN-4639	10W	OV1/3	4000K CRI>90	534 lm	1,4
1307-DN-0121	1308-DN-0121	10W	WS3	3000K CRI>80	785 lm	1,4
1307-DN-0123	1308-DN-0123	10W	WS3	4000K CRI>80	840 lm	1,4
1307-DN-9325	1308-DN-9325	10W	WS3	3000K CRI>90	454 lm	1,4
1307-DN-4671	1308-DN-4671	10W	WS3	4000K CRI>90	507 lm	1,4
1307-DN-9101	1308-DN-9101	10W	FE	3000K CRI>80	469 lm	1,4
1307-DN-9103	1308-DN-9103	10W	FE	4000K CRI>80	501 lm	1,4
1307-DN-11541	1308-DN-11541	10W	FE	3000K CRI>90	272 lm	1,4
1307-DN-9147	1308-DN-9147	10W	FE	4000K CRI>90	303 lm	1,4

Optional accessories *Accessori opzionali*

- To see page 156
- Vedere pagina 156

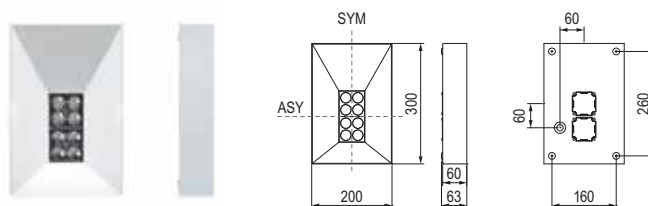
STANDARD
BASE
VARIANT
VARIANTE

○ embossed white RAL 9003
 DN bianco goffrato RAL 9003
 ● graphite satin finish
 GR grafite satinato
 ● corten

USEPARTOUT flat 2

WALL RECESSED, CEILING
 RECESSED, WALL MOUNTED,
 CEILING, DOWNLIGHTS
 INCASSI PARETE, INCASSI
 SOFFITTO, PARETE,
 SOFFITTO, DOWNLIGHTS

SLED optical system with UV resistant
 PC lenses.
 Sistema ottico SLED con lenti in PC
 anti UV.



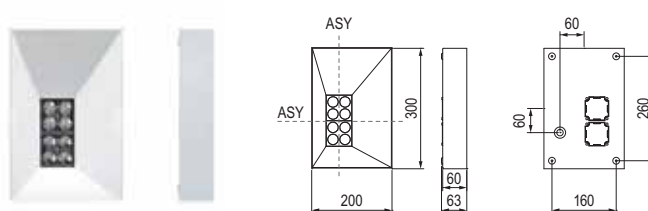
USEPARTOUT flat 2x SYM-ASY

CE SLED IP20

Code EL Codice EL	Code DALI Codice DALI	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1309-DN-0657	1310-DN-0657	13W	DK	3000K CRI>80	1415 lm	2
1309-DN-0659	1310-DN-0659	13W	DK	4000K CRI>80	1513 lm	2
1309-DN-9593	1310-DN-9593	13W	DK	3000K CRI>90	819 lm	2
1309-DN-5207	1310-DN-5207	13W	DK	4000K CRI>90	915 lm	2
1309-DN-0665	1310-DN-0665	13W	OV1/3	3000K CRI>80	1241 lm	2
1309-DN-0667	1310-DN-0667	13W	OV1/3	4000K CRI>80	1328 lm	2
1309-DN-9597	1310-DN-9597	13W	OV1/3	3000K CRI>90	718 lm	2
1309-DN-5215	1310-DN-5215	13W	OV1/3	4000K CRI>90	803 lm	2
1309-DN-0697	1310-DN-0697	13W	WS3	3000K CRI>80	1178 lm	2
1309-DN-0699	1310-DN-0699	13W	WS3	4000K CRI>80	1261 lm	2
1309-DN-9613	1310-DN-9613	13W	WS3	3000K CRI>90	683 lm	2
1309-DN-5247	1310-DN-5247	13W	WS3	4000K CRI>90	762 lm	2
1309-DN-9133	1310-DN-9133	13W	FE	3000K CRI>80	705 lm	2
1309-DN-9135	1310-DN-9135	13W	FE	4000K CRI>80	754 lm	2
1309-DN-11557	1310-DN-11557	13W	FE	3000K CRI>90	408 lm	2
1309-DN-9179	1310-DN-9179	13W	FE	4000K CRI>90	455 lm	2

WALL RECESSED, CEILING
 RECESSED, WALL MOUNTED,
 CEILING, DOWNLIGHTS
 INCASSI PARETE, INCASSI
 SOFFITTO, PARETE,
 SOFFITTO, DOWNLIGHTS

SLED optical system with UV resistant
 PC lenses.
 Sistema ottico SLED con lenti in PC
 anti UV.



USEPARTOUT flat 2x ASY-ASY

CE SLED IP20

Code EL Codice EL	Code DALI Codice DALI	System Power Potenza Sistema	Beam Fascio	K	Output flux Flusso uscente	Kg
1311-DN-0657	1312-DN-0657	13W	DK	3000K CRI>80	1415 lm	2
1311-DN-0659	1312-DN-0659	13W	DK	4000K CRI>80	1513 lm	2
1311-DN-9593	1312-DN-9593	13W	DK	3000K CRI>90	819 lm	2
1311-DN-5207	1312-DN-5207	13W	DK	4000K CRI>90	915 lm	2
1311-DN-0665	1312-DN-0665	13W	OV1/3	3000K CRI>80	1241 lm	2
1311-DN-0667	1312-DN-0667	13W	OV1/3	4000K CRI>80	1328 lm	2
1311-DN-9597	1312-DN-9597	13W	OV1/3	3000K CRI>90	718 lm	2
1311-DN-5215	1312-DN-5215	13W	OV1/3	4000K CRI>90	803 lm	2
1311-DN-0701	1312-DN-0701	13W	WS4	3000K CRI>80	1178 lm	2
1311-DN-0703	1312-DN-0703	13W	WS4	4000K CRI>80	1261 lm	2
1311-DN-9615	1312-DN-9615	13W	WS4	3000K CRI>90	683 lm	2
1311-DN-5251	1312-DN-5251	13W	WS4	4000K CRI>90	762 lm	2
1311-DN-9133	1312-DN-9133	13W	FE	3000K CRI>80	705 lm	2
1311-DN-9135	1312-DN-9135	13W	FE	4000K CRI>80	754 lm	2
1311-DN-11557	1312-DN-11557	13W	FE	3000K CRI>90	408 lm	2
1311-DN-9179	1312-DN-9179	13W	FE	4000K CRI>90	455 lm	2

Optional accessories Accessori opzionali

- To see page 156
- Vedere pagina 156

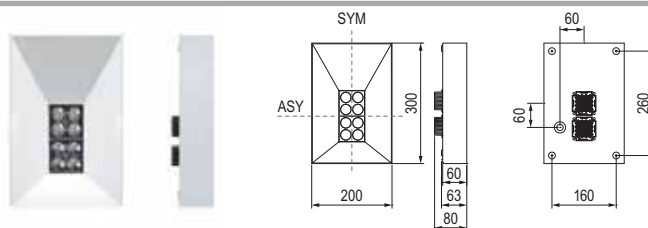
STANDARD
BASE
VARIANTE
VARIANTE

○ DN embossed white RAL 9003
bianco goffrato RAL 9003
● GR graphite satin finish
grafite satinato
● CO corten

USEPARTOUT sink 2

WALL RECESSED,
CEILING RECESSED
INCASSI PARETE,
INCASSI SOFFITTO

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.



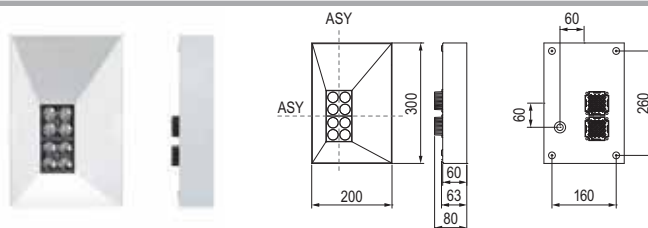
USEPARTOUT sink 2x SYM-ASY

CE SLED IP20

Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1315-DN-0513	1316-DN-0513	19W	DK	3000K CRI>80	1883 lm	2,1
1315-DN-0515	1316-DN-0515	19W	DK	4000K CRI>80	2014 lm	2,1
1315-DN-9521	1316-DN-9521	19W	DK	3000K CRI>90	1090 lm	2,1
1315-DN-5063	1316-DN-5063	19W	DK	4000K CRI>90	1218 lm	2,1
1315-DN-0521	1316-DN-0521	19W	OV1/3	3000K CRI>80	1652 lm	2,1
1315-DN-0523	1316-DN-0523	19W	OV1/3	4000K CRI>80	1767 lm	2,1
1315-DN-9525	1316-DN-9525	19W	OV1/3	3000K CRI>90	957 lm	2,1
1315-DN-5071	1316-DN-5071	19W	OV1/3	4000K CRI>90	1068 lm	2,1
1315-DN-0553	1316-DN-0553	19W	WS3	3000K CRI>80	1569 lm	2,1
1315-DN-0555	1316-DN-0555	19W	WS3	4000K CRI>80	1678 lm	2,1
1315-DN-9541	1316-DN-9541	19W	WS3	3000K CRI>90	908 lm	2,1
1315-DN-5103	1316-DN-5103	19W	WS3	4000K CRI>90	1014 lm	2,1
1315-DN-9125	1316-DN-9125	19W	FE	3000K CRI>80	937 lm	2,1
1315-DN-9127	1316-DN-9127	19W	FE	4000K CRI>80	1002 lm	2,1
1315-DN-11553	1316-DN-11553	19W	FE	3000K CRI>90	543 lm	2,1
1315-DN-9171	1316-DN-9171	19W	FE	4000K CRI>90	605 lm	2,1

WALL RECESSED,
CEILING RECESSED
INCASSI PARETE,
INCASSI SOFFITTO

SLED optical system with UV resistant
PC lenses.
Sistema ottico SLED con lenti in PC
anti UV.



USEPARTOUT sink 2x ASY-ASY

CE SLED IP20

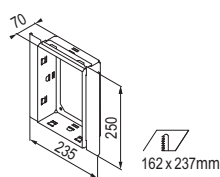
Code EL <i>Codice EL</i>	Code DALI <i>Codice DALI</i>	System Power <i>Potenza Sistema</i>	Beam <i>Fascio</i>	K	Output flux <i>Flusso uscente</i>	Kg
1317-DN-0513	1318-DN-0513	19W	DK	3000K CRI>80	1883 lm	2,1
1317-DN-0515	1318-DN-0515	19W	DK	4000K CRI>80	2014 lm	2,1
1317-DN-9521	1318-DN-9521	19W	DK	3000K CRI>90	1090 lm	2,1
1317-DN-5063	1318-DN-5063	19W	DK	4000K CRI>90	1218 lm	2,1
1317-DN-0521	1318-DN-0521	19W	OV1/3	3000K CRI>80	1652 lm	2,1
1317-DN-0523	1318-DN-0523	19W	OV1/3	4000K CRI>80	1767 lm	2,1
1317-DN-9525	1318-DN-9525	19W	OV1/3	3000K CRI>90	957 lm	2,1
1317-DN-5071	1318-DN-5071	19W	OV1/3	4000K CRI>90	1068 lm	2,1
1317-DN-0557	1318-DN-0557	19W	WS4	3000K CRI>80	1569 lm	2,1
1317-DN-0559	1318-DN-0559	19W	WS4	4000K CRI>80	1678 lm	2,1
1317-DN-9543	1318-DN-9543	19W	WS4	3000K CRI>90	908 lm	2,1
1317-DN-5107	1318-DN-5107	19W	WS4	4000K CRI>90	1014 lm	2,1
1317-DN-9125	1318-DN-9125	19W	FE	3000K CRI>80	937 lm	2,1
1317-DN-9127	1318-DN-9127	19W	FE	4000K CRI>80	1002 lm	2,1
1317-DN-11553	1318-DN-11553	19W	FE	3000K CRI>90	543 lm	2,1
1317-DN-9171	1318-DN-9171	19W	FE	4000K CRI>90	605 lm	2,1

Optional accessories *Accessori opzionali*

- To see page 156
- Vedere pagina 156

Optional accessoires Accessori opzionali

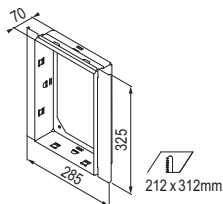
Mounting Montaggio



1300-K001

USEPARTOUT F1/S1

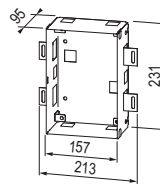
Levelling-in trimless recessed installation kit (thickness in mm 12,5 / 15 / 25 / 30).
Kit incasso trimless livellabile (sp. 12,5 / 15 / 25 / 30 mm).



1300-K002

USEPARTOUT F2/S2

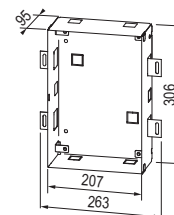
Levelling-in trimless recessed installation kit (thickness in mm 12,5 / 15 / 25 / 30).
Kit incasso trimless livellabile (sp. 12,5 / 15 / 25 / 30 mm).



1300-K003

USEPARTOUT F1/S1

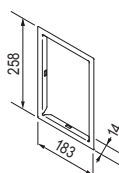
Concrete rough-in housing for wall/ceiling recessed mounting.
Cassaforma di incasso a parete/soffitto per cemento e muratura.



1300-K004

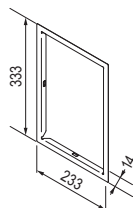
USEPARTOUT F2/S2

Concrete rough-in housing for wall/ceiling recessed mounting.
Cassaforma di incasso a parete/soffitto per cemento e muratura.



USEPARTOUT F1/S1

Painted finishing frame. Only for recessed installations.
Frame di finitura verniciato. Solo per installazioni ad incasso.



USEPARTOUT F2/S2

Painted finishing frame. Only for recessed installations.
Frame di finitura verniciato. Solo per installazioni ad incasso.

1300-DN-K005

Embossed white RAL 9003
Bianco gofrato RAL 9003

1300-GR-K005

Graphite satin finish
Grafite satinato

1300-CO-K005

Corten

1300-DN-K006

Embossed white RAL 9003
Bianco gofrato RAL 9003

1300-GR-K006

Graphite satin finish
Grafite satinato

1300-CO-K006

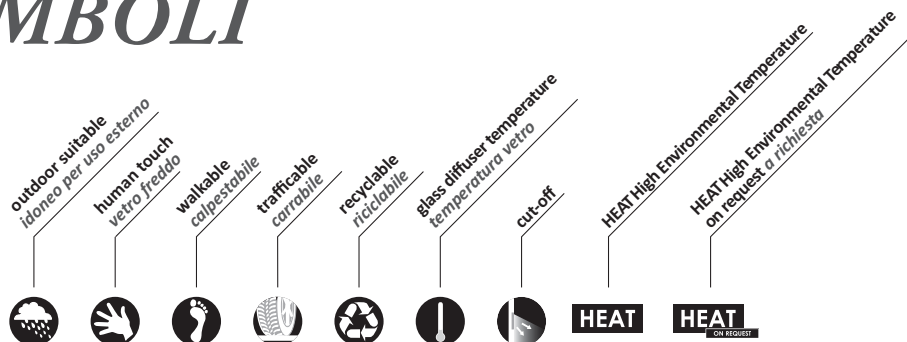
Corten



indoor - interni

USEPARTOUT

SYMBOL *SIMBOLI*



Symbol key (EN 60598-1) / Significati dei simboli (EN 60598-1)

Class I Classe I		simple insulation: earth required <i>isolamento semplice: è richiesta la terra di protezione</i>
Class II Classe II		double insulation: no earth required <i>doppio isolamento: non necessita di terra di protezione</i>
Class III Classe III		very low voltage feeding with security transformer - no earth required <i>alimentazione con trasformatore di sicurezza a bassissima tensione non necessita di terra di protezione</i>
IPX3		rain-proof <i>apparecchio protetto contro la pioggia</i>
IPX4		splash-proof from any direction <i>apparecchio protetto contro gli spruzzi d'acqua provenienti da ogni direzione</i>
IPX5		water jet-proof from any direction <i>apparecchio protetto contro i getti d'acqua provenienti da ogni direzione</i>
IPX6		water-proof on ships' decks <i>apparecchio protetto contro getti potenti assimilabili alle ondate</i>
IPX7		will operate if occasionally submerged <i>apparecchio che può funzionare momentaneamente sommerso</i>
IPX8 ...m		indefinite submerged operation - max allowed depth in meters <i>apparecchio stagno alla sommersione permanente profondità massima d'immersione</i>
IP2X		protection against entry of objects larger than Ø 12mm (fingers) <i>apparecchio a prova di dito articolato Ø 12mm</i>
IP3X		protection against entry of objects larger than Ø 2.5mm <i>apparecchio a prova di penetrazione di sonda Ø 2,5mm</i>
IP4X		protection against entry of objects larger than Ø 1mm <i>apparecchio a prova di penetrazione di sonda Ø 1mm</i>
IP5X		satisfactory operation in dust conditions <i>apparecchio protetto contro la polvere</i>
IP6X		totally dust-proof <i>apparecchio totalmente protetto contro la polvere</i>
		minimum distance between fitting and lighted object <i>distanza minima tra apparecchio e soggetto illuminato</i>
		continuous row fixture <i>apparecchio in fila continua</i>
		fuse <i>fusibile</i>
		surface mounted fittings not suitable for direct mounting on flammable surfaces (suitable for mounting on willful non-combustible surfaces) <i>apparecchi non idonei al montaggio diretto su superfici normalmente infiammabili (idonei solo al montaggio su superfici non combustibili)</i>
		recessed
		fittings not suitable to be covered with thermal insulation material <i>apparecchi non idonei ad essere ricoperti di materiale termicamente isolante</i>
		replace the damaged protective glass screen <i>sostituire i vetri di protezione se danneggiati</i>
		operation with security transformer only <i>funzionamento solo con trasformatore di sicurezza</i>
		heavy-duty can withstand impacts up to 6,5Nm <i>idoneo per servizio gravoso - resistenza all'urto non minore di 6,5 Nm</i>
		Italian Quality Mark Institute - IMQ approved <i>marchio IMQ - Istituto Italiano del Marchio di Qualità</i>
		European Norms Electrical Certification-ENEC approved Products manufactured and certified according to European Norms <i>marchio ENEC - European Norms Electrical Certification Prodotti costruiti e certificati secondo le Norme Europee</i>
		product in compliance with the European Community Directories <i>prodotto rispondente ai requisiti previsti dalle Direttive Comunitarie Europee</i>

Housing protection degree against mechanical shocks (EN 62262)

Gradi di protezione degli involucri contro gli impatti meccanici esterni (EN 62262)

IK index <i>codice IK</i>	IK00	IK01	IK02	IK03	IK04	IK05	IK06	IK07	IK08	IK09	IK10
impact energy in Joule <i>energia di impatto in Joule</i>	*	0,14	0,2	0,35	0,5	0,7	1	2	5	10	20

* unprotected *non protetto*

Directive 2012/19/UE / Direttiva 2012/19/UE



disposing of as urban waste is forbidden separate, collection is mandatory when the product is at the end of its life
 è vietato lo smaltimento come rifiuto urbano è obbligatoria la raccolta separata a fine vita del prodotto
 "Consorzio di appartenenza RAEE: Ecolight. Registro Nazionale dei Produttori N°: IT08010000000166 + DE78437509"

ISO 9001:2008 certified quality system
 sistema qualità certificato ISO 9001:2008



Regulation and Directives for all CASTALDI LIGHTING product

Norme e Direttive per tutti i prodotti CASTALDI LIGHTING

REGULATION / NORME

Regulations for devices and components / Norme apparecchi

EN 60598-1	Luminaires. Part 1: general requirements and tests. <i>Apparecchi di illuminazione. Parte 1: prescrizioni generali e prove.</i>
EN 60598-2-1	Luminaires. Part 2: particular requirements. / <i>Apparecchi di illuminazione. Parte 2: prescrizioni particolari.</i> Section 1: fixed general purpose luminaires. / <i>Apparecchi fissi per uso generale</i>
EN 60598-2-2	Luminaires. Part 2: particular requirements. / <i>Apparecchi di illuminazione. Parte 2: prescrizioni particolari.</i> Section 2: recessed luminaires. / <i>Sezione 2: apparecchi di illuminazione da incasso</i>
EN 60598-2-3	Luminaires. Part 2: particular requirements. / <i>Apparecchi di illuminazione. Parte 2: prescrizioni particolari.</i> Section 3: Luminaires for road and street lighting. / <i>Sezione 3: apparecchi d'illuminazione stradale.</i>
EN 60598-2-5	Luminaires. Part 2: particular requirements. / <i>Apparecchi di illuminazione. Parte 2: prescrizioni particolari.</i> Section 5: floodlights/ <i>Sezione 5: proiettori.</i>
EN 60598-2-13	Luminaires. Part 2: particular requirements. / <i>Apparecchi di illuminazione. Parte 2: prescrizioni particolari.</i> Section 13: Ground recessed luminaires. / <i>Sezione 13: apparecchi d'illuminazione da incasso a terreno</i>
EN 60598-2-18	Luminaires. Part 2: particular requirements. / <i>Apparecchi di illuminazione. Parte 2: prescrizioni particolari.</i> Section 18: Luminaires for swimming pools and similar applications. / <i>Sezione 18: apparecchi d'illuminazione per piscine e similari.</i>
EN 60598-2-22	Luminaires. Parte 2-22: particular requirements / <i>Apparecchi di illuminazione. Parte 2-22: prescrizioni particolari</i> Section 22: luminaires for emergency lighting / <i>Sezione 22: Apparecchi di emergenza</i>

CEI 34-156	Security Guide for luminaires with LED modules from surges. Castaldi lighting suggest to use SPD (Surge Protective Devices) in each outdoor installation with LED luminaires. For further information, please visit www.castaldilighting.it <i>Guida per la protezione degli apparecchi di illuminazione con moduli LED dalle sovratensioni.</i> <i>Castaldi lighting suggerisce l'utilizzo di SPD (Dispositivi di protezione contro le sovratensioni) in ogni installazione esterna con prodotti LED.</i> <i>Per ulteriori informazioni visita www.castaldilighting.it</i>
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DIRECTIVES / DIRETTIVE

2009/125/CE	Establishing a framework for the setting of ecodesign requirements for energy-related products. <i>Relativa all'istituzione di un quadro per l'elaborazione di specifiche per la progettazione ecocompatibile dei prodotti connessi all'energia</i>
2010/30/UE	On the indication by labelling and standard product information of the consumption of energy and other resources by energy-related products. <i>Concernente l'indicazione del consumo di energia e di altre risorse dei prodotti connessi all'energia, mediante l'etichettatura ed informazioni uniformi relative ai prodotti</i>
2014/35/UE	On the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits. <i>Concernente l'armonizzazione delle legislazioni degli Stati membri relative alla messa a disposizione sul mercato del materiale elettrico destinato a essere adoperato entro taluni limiti di tensione.</i>
2014/30/UE	On the harmonisation of the laws of the Member States relating to electromagnetic compatibility. <i>Concernente l'armonizzazione delle legislazioni degli Stati membri relative alla compatibilità elettromagnetica.</i>



www.castaldilighting.it

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