

WE DESIGN LED LIGHTING 05/2013

altatensione

altatensione

Lighting Solutions

WHO WE ARE?



Staff: 30 persone
Età media: 35 anni
Export: 25%
Distribuzione: 54 paesi
Area: 10.000 m²
Area coperta: 7.000 m²
Magazzino: 5.500 m²
Showroom: 500 m²
Area amministrativa e commerciale:
1.100m²
Area ricerca e sviluppo: 400 m²
5.000 prodotti disponibili
Spedizioni quasi immediate
Efficiente assistenza post vendita

*Staff: 30 persons
Average age: 35 years
Export: 25%
Distribution: 54 countries
Area: 10.000 m²
Covered area: 7.000 m²
Warehouse: 5.500 m²
Showroom: 500 m²
Administrative and customer service area:
1.100m²
R&D area: 400 m²
Ample availability of 5.000 products
Nearly immediate deliveries
Efficient after sales assistance*

KEY WORDS

Soluzioni architeturali LED di qualità
Idee e Design
Team ricerca e sviluppo interno
Attenzione all'innovazione tecnologica
Prodotti LED innovativi
Seguiamo le tendenze dell'illuminotecnica
Personalizzazione dei prodotti
Personalizzazione dei progetti

*High quality architectural LED solutions
Concepts and Design
Internal R&D Department
Following latest trends in lighting
Innovative LED lighting fixtures
Product customization
Project customization*

MISSION

Soddisfare tutte le vostre esigenze illuminotecniche attraverso prodotti con alti standard estetici ed ottime performances.
Our company is capable of meeting all lighting technology needs through products with high aesthetic standards and performances.

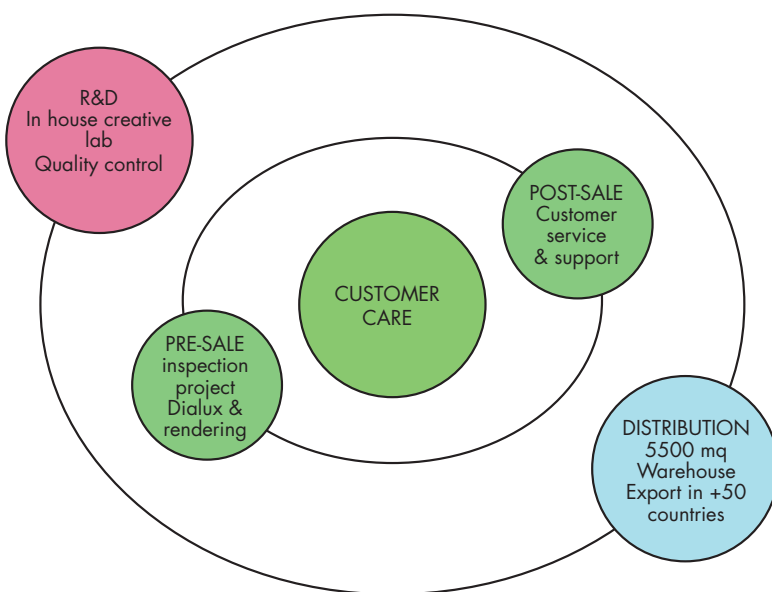
VISION

Diventare un partner affidabile per lo sviluppo e la realizzazione dei vostri progetti illuminotecnici.
Our vision is to be a reliable Italian partner for the development and realization of your lighting projects.

LABORATORIO INTERNO

Analisi del mercato per produrre nuovi prodotti
Personalizzazione del prodotto in breve tempo
PRE
Servizio di progettazione illuminotecnica (DIALUX)
Presentazione del progetto con renderings e video
POST
Supporto tecnico per l'installazione
Cura del cliente
Supporto post vendita
IN HOUSE LAB
Market needs analysis for new products concept
Products customization in short time
PRE
Lighting project development service (DIALUX)
Project presentation supported by renderings, videos
POST
Technical support for installation
Customer care and post sales support

360° CUSTOMER ORIENTED



DISTRIBUTION

Più di 54 paesi
More than 54 countries



“NON OFFRIAMO PRODOTTI,
CREIAMO SOLUZIONI!”
“WE DO NOT OFFER PRODUCTS,
WE CREATE SOLUTIONS!”

WE DESIGN LIGHTING FIXTURES

Altatensione Led Lighting

CONSTRUCTION QUALITY OF LIGHT

Offrire una linea prodotto performante, attuale e tecnicamente qualificata rappresenta il target finale per la nostra azienda.

Gli apparecchi Altatensione per l'illuminazione sono stati espressamente progettati all'interno dell'ufficio R&D Altatensione per applicazioni di illuminazione professionali che richiedono sia elevata qualità della luce che sostenibilità a lungo termine.

Seguiamo costantemente l'innovazione tecnologica nel mondo della illuminazione, alla ricerca di nuove soluzioni che integrino in modo sempre più efficace tecnologia e forma, performances e sostenibilità, design e architettura.

La nostra azienda, operando in un settore estremamente sensibile nella gestione dei consumi energetici, ha da sempre spinto verso ricerca ed utilizzo di sistemi ad alta efficienza. L'utilizzo delle ultime tecnologie ed il massiccio ricorso all'elettronica ci permettono di offrire alla committenza una selezione di argomenti di primaria attualità: quello che proponiamo è il risultato di un progetto innovativo e rivolto al futuro.

Offering a high-performance, current and technically competent line is the final objective for our company.

The Altatensione systems for lighting have been specifically designed into R&D Altatensione office for professional lighting installations which require high quality lighting in conjunction with long term sustainability.

Constantly following technological innovation in the world of lighting, looking for new ways to integrate technology and form, performance and sustainability, design and architecture.

Because our company operates in a fundamental sector, we have always been committed to the research and use of high-efficiency system for the management of energy consumption. The use of the latest technology and electronics allow us to present an extremely interesting catalogue from the point of view of efficiency and value for the money: Altatensione is the result of an innovative, forward-looking project.



Design

CONTENT AND FORM

La transizione tra lampade tradizionali e tecnologia a led ha generato una rivoluzione copernicana nel rapporto tra forma e contenuto.

Se nei passati decenni i maestri del design italiano hanno brillantemente inserito la luce all'interno di mirabili forme, oggi sempre più spesso è la tecnologia della luce l'elemento generatore della forma.

The transition from traditional lamps to LED technology has brought about a Copernican revolution in the relationship between form and content. If in previous decades the geniuses of Italian design brilliantly inserted light within stupendous forms, today it is increasingly lighting technology that is generating form.

Construction

CONCEPT IDEA AND ENGINEERING

Non prima, non dopo, durante. Lo sviluppo del concept design e la sua ingegnerizzazione in un apparecchio prodotto in serie si sviluppano di pari passo all'interno dell'ufficio R&D: questa sinergia di competenze rende possibile lo sviluppo in tempi sostenibili di prodotti customizzati in base alle esigenze del committente.

Not before, not after, during. The development of the design concept and its engineering in a mass-produced appliance develop at the same pace within the R&D office: this synergy of skills makes it possible to develop customised products based on the customer's needs in sustainable times.

Electronics

LOOKING FOR NEW SCENARIOS

Affidandosi alla tecnologia a Led la luce è sempre di più strumento scenografico principe in architettura.

Le sterminate possibilità di gestione offerte dal mondo dell'elettronica contribuiscono a fondere il contenitore ed il contenuto architettonico in un unico risultato formale ed emozionale dove il limite delle scelte dell'architetto è sempre di più la fantasia.

The use of LED technology is increasingly the main scenographic instrument in architecture. The endless management possibilities offered by the world of electronics contribute to disseminating the container and the architectonic content formal and emotional result, where architects are increasingly limited only by their imagination.

WE DESIGN LIGHTING PROJECTS

Architectural Lighting Design

ARCHITECTURAL LIGHTING DESIGN

La gamma di prodotti Altatensione comprende una varietà di strumenti performanti di illuminazione in grado di soddisfare le più importanti esigenze di una corretta progettazione illuminotecnica.

Un adeguato utilizzo di questi strumenti deve essere necessariamente accompagnato da una progettazione illuminotecnica coerente, in grado di elevare la luce al servizio della nostra percezione visiva. Quando le performance degli apparecchi si accompagnano ad un progetto illuminotecnico di livello, l'utente avrà garantiti illuminamenti e comfort visivo adeguati.

Sono necessari una serie di servizi aggiuntivi che permettano il corretto utilizzo della sorgente luminosa, la sua scelta piuttosto che il miglior posizionamento nell'ambiente. Valutazioni di carattere prettamente tecnico si integrano ad altre di natura estetica e normativa. Questi servizi ausiliari integrano, completano e qualificano la nostra offerta.

The Altatensione range of products includes a variety of high performing lighting systems capable of meeting the most demanding requirements of technical lighting design.

A successful use of these systems clearly involves drawing up a coherent technical lighting plan which is able to suit the lighting to the needs of the observer.

When the high performance provided by the systems is combined with a good quality technical lighting plan, the viewer can be guaranteed a sufficient standard of both illumination and visual comfort.

There is a need for additional services that allow for the correct use of the light source, its selection and best positioning in the space. Purely technical considerations must be integrated with others of an aesthetic and regulatory nature.

These auxiliary services supplement, complete and add-value to our offering.



Your Needs

JUST ASK US!

L'ufficio tecnico Altatensione affianca progettisti ed utenza finale nella realizzazione delle diverse richieste. Siamo in grado di accogliere, analizzare, sviluppare e suggerire la proposta più adatta allo scopo previsto. La raccolta delle aspettative, delle necessità, il confronto con architetti ed utenza finale, rappresentano passi fondamentali nella scelta, selezione e disposizione di un moderno impianto d'illuminazione.

Altatensione's technical office accompanies designers and users in the fulfilment of their various requests. We are able to receive, analyse, development and suggest the most suitable proposal for the intended purpose. The gathering of expectations and needs and meetings with architects and end-users are the fundamental steps in choice, selection and installation of a modern lighting system.

Our Skills

PRE SALE

L'esperienza maturata, la necessaria sensibilità architettonica, l'ausilio di softwares di ultima generazione, la perfetta integrazione tra programmi di calcolo e visual-rendering ci permette di offrire studi approfonditi e graficamente evoluti. La qualità costruttiva, la competenza tecnica e tecnologica sono il nostro lavoro, la nostra passione, la nostra preoccupazione quotidiana.

Our experience and architectural sensitivity, the support of state-of-the-art software with the perfect integration of calculation and visual-rendering programs allow us to offer detailed and graphically sophisticated designs. Fabrication quality, technical and technological competence are our work, our passion and our care.

True Results

AFTER SALE

Questa fase di analisi approfondita (progettuale e pre-progettuale) riteniamo faccia la differenza e garantisca la completa protezione dell'investimento che si intende realizzare. La nostra realtà è a completa disposizione di progettisti, architetti, utenza finale che intenda realizzare lavori di qualità e di notevole spessore tecnologico. Le proposte sviluppate garantiscono pieno rispetto normativo, attualità estetica e grande attenzione alla sostenibilità energetica.

We believe that this phase of in-depth analysis (design and pre-design) makes a difference and provides complete protection of the investment to be made. Our structure is at the complete disposal of designers, architects and end-users who want to produce high-quality work with significant technological content. The proposals developed guarantee full regulatory compliance, aesthetics and attention of energy sustainability.

Focus: Illumina la tua mente

Focus: light up your mind

by Giuseppe Bargellini

Luce e mente

Un cardinale fu ripreso perché guardava una donna bella e scollacciata, ma lui si difese dicendo: "La vedo, non la guardo!". Il neonato vede ma guarda ben poco; sarà la sua graduale scoperta del mondo, abbinando la visione con gli altri sensi a fargli comprendere il significato di distanza, dimensione, oggetto, intensità e contrasto di luce.

L'esperienza trasforma così il vedere in guardare, cioè elaborare col cervello le immagini per farne un uso pratico, magari solo ludico.

Con la fine del secondo millennio sono stati chiariti molti meccanismi del processo visivo sia dal punto di vista fisiologico che illuminotecnico e sono nati modelli atti a migliorare il rapporto visione mente, per orientare i tecnici a una scelta della luce non solo ergonomica ma anche emotivamente gradevole e operativamente efficace, come dire ecologica e ergonomica. La luce forma la vitamina D, compensa la depressione stagionale (SAD) nei "mesi bui dell'anno" e minimizza alcune malattie della pelle (neurodermite e psoriasi). Per quanto riguarda la visione si è confermato che influenza i bioritmi grazie alla recente scoperta del bio-recettore ip RGC dei ritmi "circadiani", che è capace di regolare, tramite la ghiandola pineale e l'ipofisi, la Melatonina che causa le sensazioni di stanchezza e sonnolenza. Si è così scoperta la valenza terapeutica di radiazioni compresa fra 420 e 470 nanometri e che la melatonina agisce positivamente durante il riposo, ma crea conseguenze negative durante le attività. E per lavorare bene bisogna "sentirsi bene".



Light and mind

A cardinal was filmed because he was looking at a beautiful woman in a low-necked dress, but he defended himself saying: "I see her, I am not looking at her!". A newborn child sees but does little by way of looking, he/she will gradually discover the world, combining sight with the other senses allowing him/her to understand the meaning of distance, size, object, intensity and contrast of the light. In this way experience transforms seeing into looking, i.e. using the brain to process the images to make practical use of them, perhaps only for playing. With the end of the second millennium, many mechanisms of vision were clarified, both from a physiological as well as a lighting perspective, and models have been created that can improve the vision-mind relationship, to orient technicians towards a choice of lighting that is not just ergonomic but also pleasing and operationally effective, ecological and ergonomic.

Light forms vitamin D, compensates for seasonal depression (SAD) in the "dark months of the year", and reduces certain skin diseases (neurodermatitis and psoriasis). As far as sight is concerned, it has been confirmed that it influences bio-rhythms thanks to the recent discoveries of the bio-receptor ipRGC of the "circadian" rhythms that is capable of regulating Melatonin, through the pineal gland and the pituitary, which causes the sensation of tiredness and sleepiness. Thus the therapeutic value of radiation between 420 and 470 nanometres was discovered, and that melatonin has a positive effect during sleep, but has negative effects during activities. And to work well you need to "feel well".

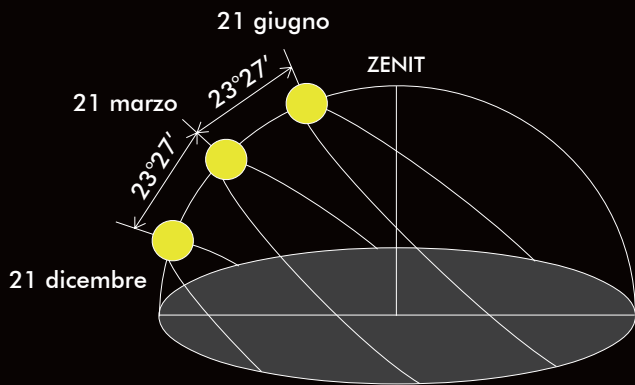
Osservazioni su ambienti di lavoro reali hanno quantificato che una buona illuminazione può aumentare il rendimento lavorativo fino al 6-8%, che può ulteriormente migliorare curando anche una dinamicità della luce, capace di assecondare o riprodurre l'escursione diurna della luce naturale.

Observations of actual workplaces have shown that good lighting can increase work performance by up to 6-8%, which can further improve by creating also dynamism of the light, capable of adapting or reproducing the daytime range of natural light.

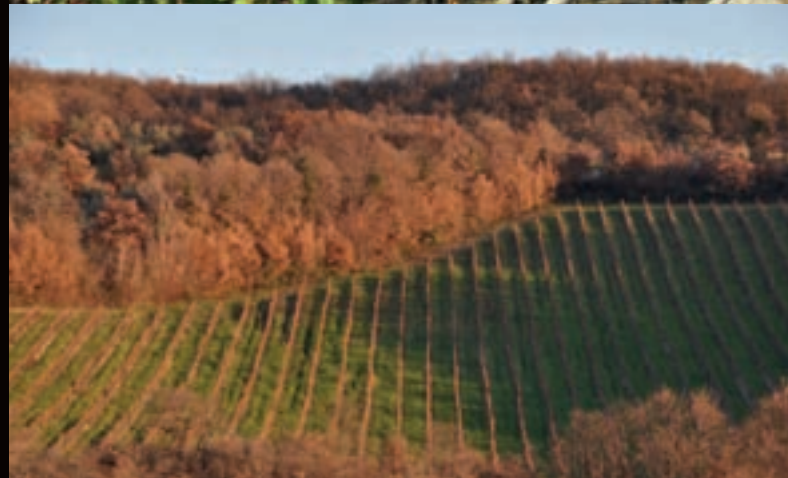
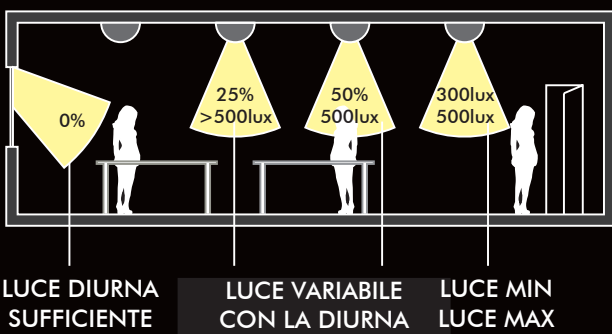


Si tratta di curare la variazione di intensità della luce artificiale, integrandola con la luce solare, ma anche della tonalità di colore, dato che al mattino la luce solare è azzurrina con temperature colore fra 6000 e 10000 Kelvin, a fine mattinata diventa bianca passando attraverso tonalità verdoline, mentre al pomeriggio diventa rosata e rossa scendendo fin sotto i 2500 Kelvin. Inoltre ha una capacità di penetrazione all'interno dei locali molto diversa al variare delle stagioni. Grazie a queste conoscenze si può affermare che le attuali norme e raccomandazioni, anche se non sono pienamente sufficienti a garantirci quale è la luce ottimale per la nostra mente, possono indicarci quale è la luce migliore che durante il periodo lavorativo o ludico garantisca che non siamo in situazione di "sonnolenza visiva".

This involves varying the intensity of the artificial light, supplementing it with sunlight, and also the colour tones, given that in the morning sunlight is azure with a colour temperature of between 6000 and 10000 Kelvin, at the end of the morning it becomes white passing through light green, while in the afternoon it becomes pink and red dropping below 2500 Kelvin. Also, the way it penetrates inside a room varies greatly as the seasons change. Thanks to this knowledge, we can say that current regulations and recommendations, even if they are not completely sufficient for guaranteeing the optimal light for our mind, can indicate which is the better lighting for ensuring that when we are working or playing we are not in a state of "visual drowsiness".



Questo richiede che apparecchi e ambiente siano osservati con nuovi criteri capaci di armonizzarli per creare un "ambiente illuminotecnico" al centro del quale è l'uomo. Both fixtures and environment have to be observed with new criteria that can harmonize them, in order to create a "lighting environment" at the center of which is man.



Missione di ALTATENSIONE

La missione di ALTATENSIONE "illumina la mente", è mettere a disposizione dell'illuminotecnico prodotti e servizi per dare la risposta ottimale all'illuminazione degli ambienti di vita nel rispetto dell'estetica, della funzionalità e del benessere delle persone che ne usufruiscono.



The mission of ALTATENSIONE

The mission of ALTATENSIONE "illuminate the mind", is to make available lighting products and services to provide an optimal response to lighting environments in full respect of the aesthetics, functionality and wellness of the people who use them.



La buona comunicazione

Alla base di una buona comunicazione è un comune linguaggio. Purtroppo oggi il mondo illuminotecnico si è molto complicato, tanto che simboli, formule e significati codificati da decine di anni nei manuali IEC e CEI, sono stati sostituiti da singoli ricercatori, comitati e costruttori, con sigle variegate per descrivere fenomeni e funzioni uguali, determinando una vera Babele illuminotecnica. Con piacere quindi vi proponiamo un sintetico decalogo che vi permetterà di "possedere" un colpo d'occhio globale sul fenomeno illuminotecnico e le funzioni fisiologiche e matematiche ad esso collegate.

Volutamente sono usati i simboli codificati dai vocabolari ma si è tentato di dare una completezza aggiungendo sigle attualmente usate in loro alternativa.

Codice della luce

Vi proponiamo un decalogo che riassume le principali variabili illuminotecniche, ergonomiche e psicologico fisiologiche. E' un vero codice della luce miniaturizzato che può guidare alla valutazione globale di un ambiente.

I dieci punti partono dall'esame del compito visivo, individuando il miglior contrasto fra oggetto della visione e sfondo, considerano poi il livello di luce, si passa alla scelta dell'apparecchio d'illuminazione in base alle esigenze economiche ed estetiche dell'apparecchio e dell'ottica, si prende poi in esame l'ambiente con le sue caratteristiche cromatiche, la climatizzazione e il reale contributo della luce naturale, si definisce quindi la programmazione della manutenzione dell'apparecchio e dell'ambiente.

In questo modo si armonizzano tutte le funzioni in gioco per creare un ambiente confortevole, stimolante e di gestione economica, ricordandoci che economica non è l'installazione che costa meno, ma che ha il miglior rapporto fra costo e più facile visione del compito visivo, cioè fra costo e produzione.

Good communication

At the root of good communication is a common language. Unfortunately, the lighting industry is very complicated these days, so much so that symbols, formulas and codified meanings from decades of IEC and CEI manuals, have been replaced by individual researchers, committees and manufacturers, with various abbreviations for describing the same phenomena and functions, creating a genuine lighting Babel. It is with great pleasure, then, that we introduce a concise ten-point manual that will allow you to "possess" an overview of lighting engineering and the physiological and mathematical functions related to it. We have deliberately used codified symbols from dictionaries, but we tried to be thorough by adding acronyms currently used as an alternative.

Lighting code

We are providing a manual that summarises the main lighting engineering, ergonomic and physiological-psychological variables. It is an authentic miniaturised lighting code that can provide some guidance in the global assessment of an environment.

The ten points start with an examination of the visual task, identifying the best contrast between the object of the vision and the background, then considering the level of light, we pass on to the choice of luminaire based on the economic and aesthetic requirements of the appliance and the optics, then the environment is examined with its chromatic characteristics, the air conditioning and the real contribution of sunlight, and the scheduling of the maintenance of the appliance and the environment is established. In this way, all the functions are harmonised to create a comfortable and stimulating environment that is inexpensive to manage, bearing in mind that it is not the installation that costs the least that is the most economical, but rather the one has the best relationship between cost and a better view of the visual task, namely between cost and production.

Giuseppe Bargellini



“Codice della luce”

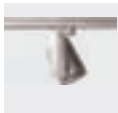








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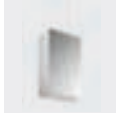

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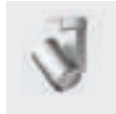
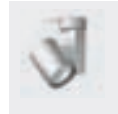





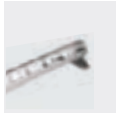
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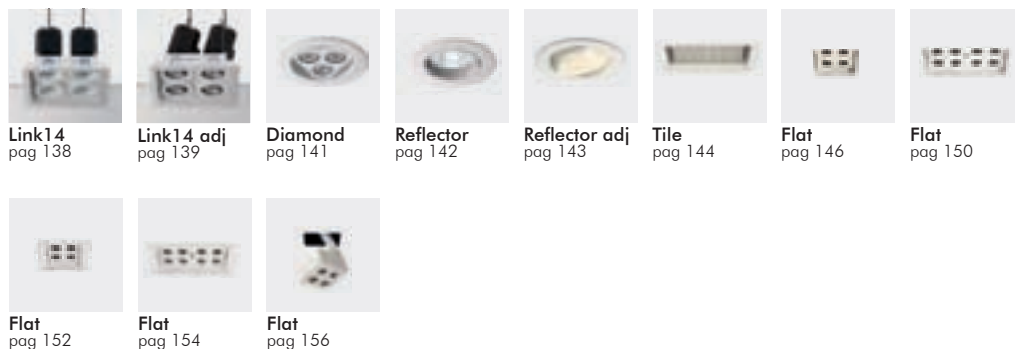
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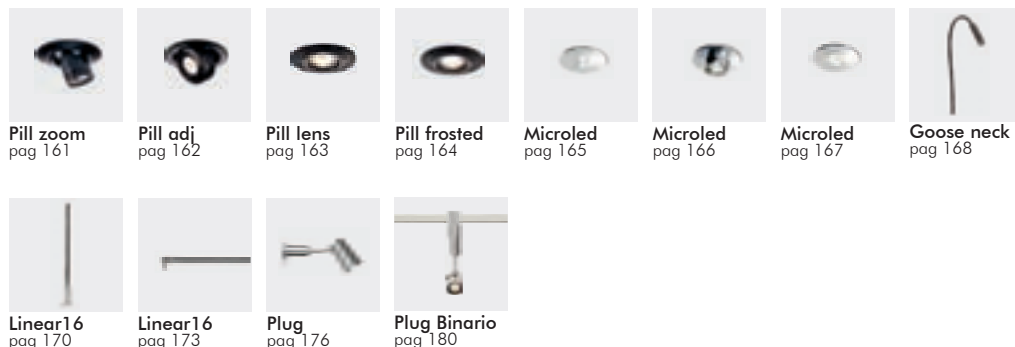


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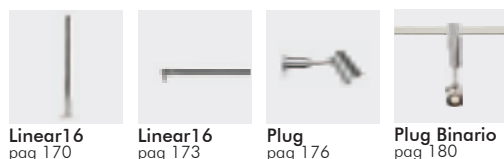
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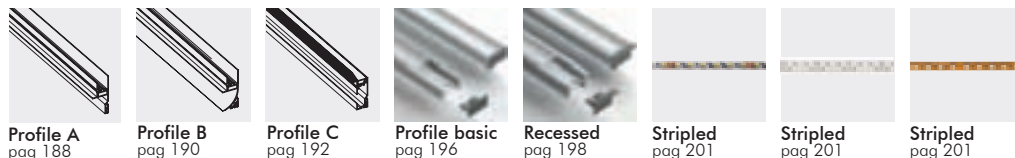
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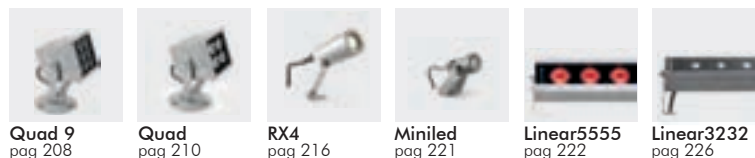


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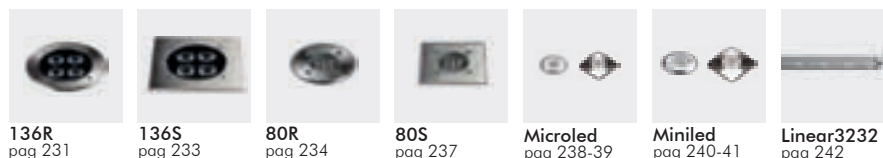
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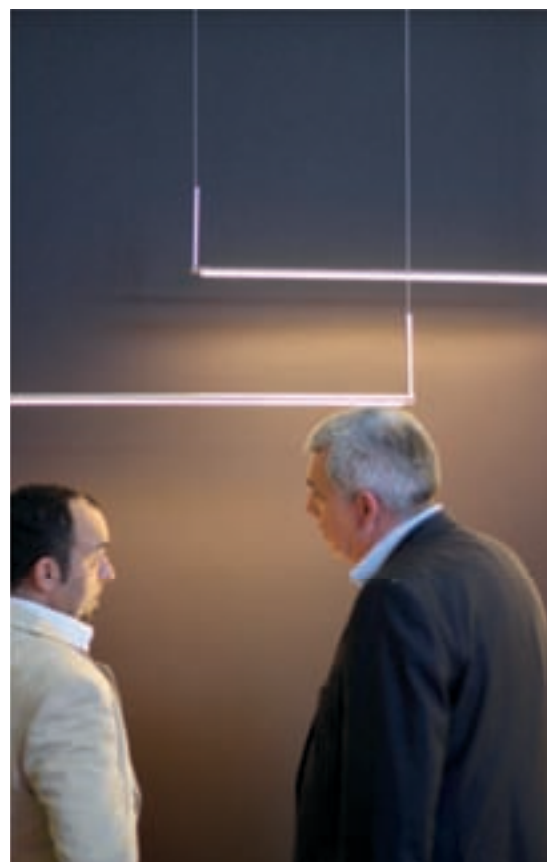




Grazie! *Thanks!*

Abbiamo incontrato vecchi amici,
ce ne siamo fatti di nuovi:
grazie per averci fatto visita in EuroLuce 2013!

*We meet old friends,
we found new ones:
thanks for visiting us in EuroLuce 2013!*



ILLUMINAZIONI D'INTERNI
INDOOR LIGHTING

01.

SISTEMA SU BINARIO LUNA

LUNA TRACK SYSTEMS

Classico binario in alluminio estruso verniciato Eurotrack (3 fasi + neutro + PE). L'utilizzo di questa tipologia di binari permette la gestione di tre linee con accensioni separate tramite selettore montato sull'adattatore del corpo illuminante. Diverse le possibilità di installazione siano esse direttamente a soffitto piuttosto che con cavi di sospensione. Si suggerisce l'impiego del binario Luna in tutte le applicazioni ove si richiedano elevate rese luminose, versatilità d'uso ed accensioni multiple. Campo preferito d'impiego per grandi spazi espositivi, show room e negozi.

A classic painted extruded aluminium track similar to standard Eurotrack (3 phases + neutral + PE). The use of this type of track allows the management of three lines with separate power-on using the selector mounted on the adapter of each light fixture. There are different installation options, including directly in the ceiling rather than suspended by cables. We suggest using the Luna track in all applications that require high light yields, versatility of use and multiple power-ons. Its preferred field of use is for large exhibition spaces, showrooms and stores.





Showroom
Grafiche Antiga
Treviso

Showroom
Grafiche Antiga
Treviso

Arch. Marco Ditadi



LINK26

design Nicola Del Lungo

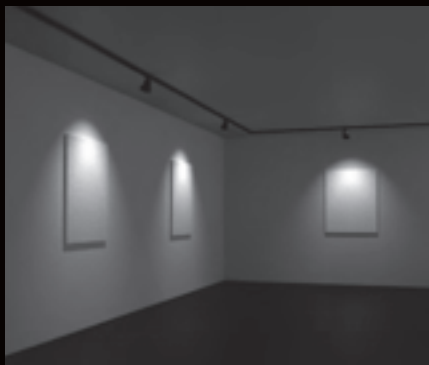
La sua linea minimale, piacevole e ben proporzionata lo rende una presenza discreta e di arredo in ogni spazio. Link26 è una famiglia di prodotti a LED concepita e sviluppata per offrire alte prestazioni e design puro.

Sono disponibili tre fasci luminosi per effetti spot o a luce diffusa, ottenendo ottimi illuminamenti anche in luoghi con alti soffitti come negozi e showroom. L'utilizzo di selezionate sorgenti LED garantisce un risparmio energetico maggiore del 70% rispetto a sorgenti tradizionali ed obsolete.

Its minimal, attractive and well-proportioned line renders it an unnoticeable furnishing element in any space. Link26 is a range of LED products designed and developed to provide stylish high performance.

The light beams are available for spot effects or diffused light, obtaining excellent lighting even in places with high ceilings, like stores and showrooms. The use of selected LED sources guarantees energy savings of over 70% compared to traditional obsolete sources.





L'illuminazione distribuita in modo uniforme garantisce in un ambiente specifico una sufficiente visione da parte dell'utente.
The light distributed evenly, ensures that the user has sufficient vision in a specific environment.

L'illuminazione d'accento esalta gli elementi architettonici. Utilizzata per disegnare lo spazio e' lo strumento scenografico principe per creare scenari, percorsi, atmosfere.
Accent lighting magnify architectural elements. Light is a powerfull scenographic tool to draw spaces, create scenarios, walkways, every kind of atmospheres.

CARATTERISTICHE PRINCIPALI:

- Nessuna manutenzione
- Accensione istantanea
- Ciclo On/Off senza differenze
- Differenti temperature di colore disponibili
- Uniformità di temperatura colore
- CRI 90
- Nessuna emissione UV o IR
- Facile da installare
- Basso prezzo
- Fattore di rischio fotobiologico: Gruppo 1 (esente)
- Non contiene mercurio

MAIN FEATURES:

- No maintenance
- Instant power On
- Cycle On / Off without differences
- Different color temperatures available
- Uniformity of color temperature
- CRI 90
- No UV or IR emission
- Easy to install
- Low price
- Photobiological Risk Factor: group 1 (free)
- Mercury free



Narrow beam	Medium beam	Wide beam
Optic: 13°	Optic: 22°	Optic: 32°
Efficiency: 89%	Efficiency: 89%	Efficiency: 89%



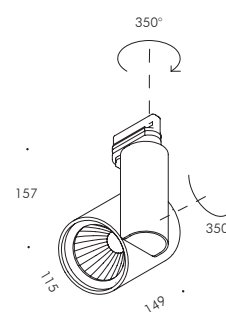


LINK26

design Nicola Del Lungo

Spot per illuminazione d'interni di notevole potenza. Link26 è una famiglia di prodotti a LED concepita e sviluppata per offrire alte prestazioni e design puro. Sono disponibili tre fasci luminosi per effetti Spot o di luce diffusa.

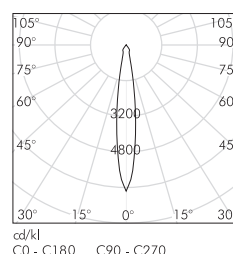
Very powerful spot for indoor lighting. LINK26 is a LED products range designed and developed to offer high performance and pure design. Three different light beams available for diffused light or spot effects.



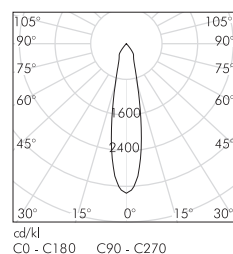
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
30231.752.U84	3000K	2550	80 min.	13°	Silver	220 240V	26W
30231.752.U85				22°			
30231.752.U86				32°			
30231.753.U84	4000K	2600		13°			
30231.753.U85				22°			
30231.753.U86				32°			

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
30232.752.U84	3000K	2550	80 min.	13°	White	220 240V	26W
30232.752.U85				22°			
30232.752.U86				32°			
30232.753.U84	4000K	2600		13°			
30232.753.U85				22°			
30232.753.U86				32°			

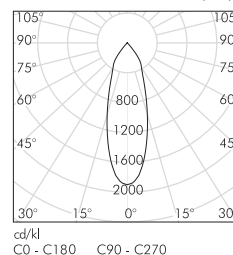
Neutral White - Narrow beam (13°)



Neutral White - Medium beam (22°)



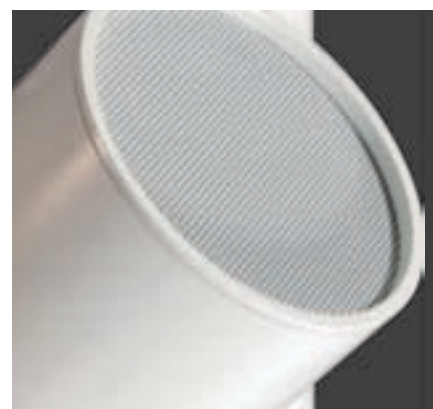
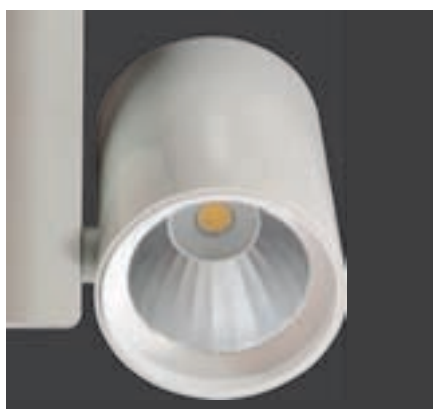
Neutral White - Wide beam (32°)





Ideale utilizzo nell'illuminazione di grandi spazi architettonici in showroom, retail, musei dove si richiedano alti flussi luminosi.

It is ideal for big architectural spaces applications: showrooms, retail shops and museums where an high luminous flux is needed.





LINK14

design Nicola Del Lungo

La sua linea minimale, piacevole e ben proporzionata lo rende una presenza discreta e di arredo in ogni spazio.

Link14 è una famiglia di prodotti a LED concepita e sviluppata per offrire alte prestazioni e design puro: oltre alla vasta gamma di incassati proponiamo dispositivi per installazione a soffitto, a sospensione e per binario eurostandard, per garantire il raggiungimento dell'illuminazione desiderata in ogni ambiente ed in ogni progetto.

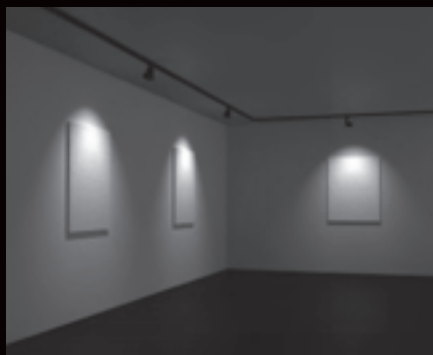
L'utilizzo di selezionate sorgenti LED garantisce un risparmio energetico maggiore del 70% rispetto a sorgenti tradizionali ed obsolete.

Link14 is a minimal design product and a well proportioned and cool presence in each space.

It is a modular family of LED products : the range is composed by single, double and quadruple modulus with fixed or adjustable bulb light.

Many possibilities to obtain the desired lighting solution in every space: houses, shops, showrooms and hotels. Using LED light source you can save 70% of money comparing to conventional light sources.





L'illuminazione d'accento esalta gli elementi architettonici.
 Utilizzata per disegnare lo spazio, e' lo strumento scenografico principe per creare scenari, percorsi, atmosfere.
Accent lighting magnify architectural elements. Light is a powerfull scenographic tool to draw spaces, create scenarios, walkways, every kind of atmospheres.

CARATTERISTICHE PRINCIPALI:

- Nessuna manutenzione
- Accensione istantanea
- Ciclo On/Off senza differenze
- Differenti temperature di colore disponibili
- Uniformità di temperatura colore
- CRI 90
- Nessuna emissione UV o IR
- Facile da installare
- Basso prezzo
- Fattore di rischio fotobiologico: Gruppo 1 (esente)
- Non contiene mercurio

MAIN FEATURES:

- No maintenance
- Instant power On
- Cycle On / Off without differences
- Different color temperatures available
- Uniformity of color temperature
- CRI 90
- No UV or IR emission
- Easy to install
- Low price
- Photobiological Risk Factor: group 1 (free)
- Mercury free



Narrow beam	Medium beam	Wide beam
Optic: 15°	Optic: 25°	Optic: 40°
Efficiency: 89%	Efficiency: 89%	Efficiency: 89%



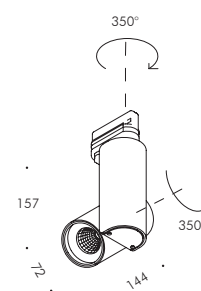


LINK14

design Nicola Del Lungo

Spot per illuminazione d'interni di notevole potenza. Link14 è una famiglia di prodotti a LED concepita e sviluppata sul concetto di modularità. Design Minimale e alta efficienza caratterizzano il prodotto. Ottica secondaria: stretto, medio e largo.

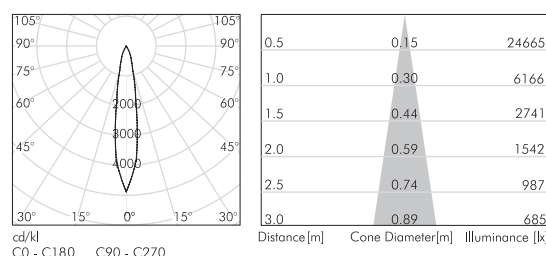
Powerful spot for lighting interiors. Link14 is a range of LED products designed and developed around the concept of modularity. Minimal Design and high efficiency are the product's characteristics. Secondary optics: narrow, medium and wide.



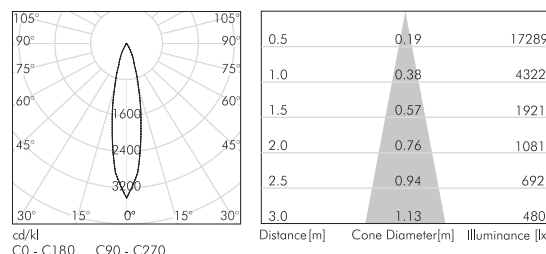
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
30233.757.U55	3000K	1235	80 min.	15°	Silver	220 240V	14W
30233.757.U56				25°			
30233.757.U57				40°			
30233.758.U55	4000K	1262	80 min.	15°	White	220 240V	14W
30233.758.U56				25°			
30233.758.U57				40°			

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
30234.757.U55	3000K	1235	80 min.	15°	White	220 240V	14W
30234.757.U56				25°			
30234.757.U57				40°			
30234.758.U55	4000K	1262	80 min.	15°	White	220 240V	14W
30234.758.U56				25°			
30234.758.U57				40°			

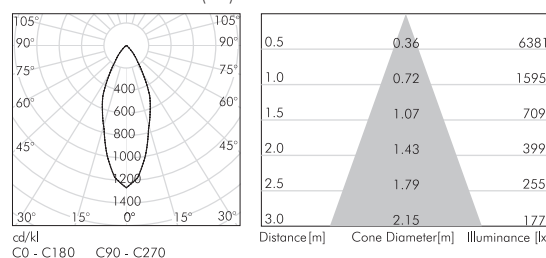
Neutral White - Narrow beam (15°)



Neutral White - Medium beam (25°)

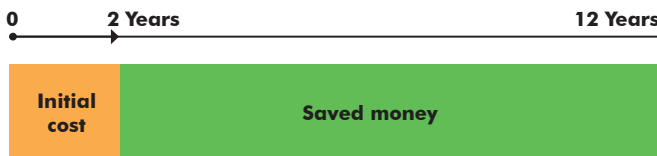


Neutral White - Wide beam (40°)





Link14 VS 50W alogena comparazione (30 dispositivi installati):
 l'investimento iniziale viene ammortizzato in 2 anni, dopo i quali inizia il risparmio di consumi e manutenzione.
Link14 VS 50W halogen comparison (30 devices installed):
 the initial investment is amortised in 2 years, after which the savings in consumption and maintenance start.



	Link14W (40°)	Halogen 50W (38°)
Luminuos total flux	1235/1622 lm	823lm
Consumption	14W	50W
Colour temperature	3000-4000K	From hot to cold
Efficiency	67,8-71,4 lm/W	16,5lm/W
Max illumination(dist. 2,7m)	320Lux	217Lux
Average duration	40.000h	2.000h
Led electricity -Kilo-Watts (30 spot, 10 hours a day, 300 days)	1260KW	4500KW
Sensitivity to temperature	No	Some
Instant switching on	Yes	Yes
Durability	Very durable	Low

Simulazione Dialux
Dialux simulation

Utilizzo Link14 spot in ambiente architettonico di grandi dimensioni. Le performance dello spot Link14 aprono la proposta Altatensione all'illuminazione di showroom, retail, musei ove si richiedano alti flussi luminosi e si debbano coprire distanze importanti tra l'apparecchio e il target da illuminare.

Link14 spot performances into a big architectural exhibition space. It's preferred field of use is for showrooms, retail shops and museums where an high luminous flux is needed and the target distance is high.





FLAT9

design Daniele Monelli

Spot per illuminazione di interni di potenza.

A quattro anni dalla presentazione della linea Flat presentiamo un gruppo ottico completamente aggiornato.

Il modulo luminoso Flat9 utilizza ben nove led Cree XTE che garantiscono emissioni di rilievo, sono associate ottiche secondarie Ledil della famiglia Leila nei tre fasci narrow/medium/wide. La dissipazione passiva è stata potenziata per garantire il corretto funzionamento dell'apparecchio a fronte di un assorbimento di 21W. Le performance dello spot Flat9 aprono la proposta Altatensione all'illuminazione di showroom, retail, musei ove si richiedano alti flussi luminosi e si debbano coprire distanze importanti tra l'apparecchio e il target da illuminare.

High power spot for indoor architectural lighting.

Four years after the introduction in market of Flat product range we present a more powerfull completely renewed lighting module.

Flat9 lighting module use nine leds Cree XTE in order to stand high lumen outputs, secondary optics by Ledil of Leila family are available in narrow/medium/wide beam angle. Passive dissipation have been enhanced to ensure best working performances with a 21W consumption. It's preferred field of use is for showrooms, retail shops and museums where an high luminous flux is needed and the target distance is high.





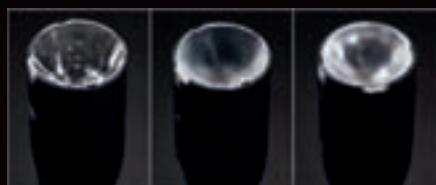
L'illuminazione d'accento esalta gli elementi architettonici.
 Utilizzata per disegnare lo spazio, e' lo strumento scenografico principe per creare scenari, percorsi, atmosfere.
Accent lighting magnify architectural elements.
Light is a powerfull scenographic tool to draw spaces, create scenarios, walkways, every kind of atmospheres.

CARATTERISTICHE PRINCIPALI:

- 1840 lumen a 3000K
- 1970 lumen a 4000K
- CRI 80
- Uniformità della temperatura colore
- 3 ottiche secondarie disponibili
- IP40
- Nessuna emissione UV o IR
- Non contiene mercurio
- Rischio fotobiologico: esente
- Facile da installare
- Nessuna manutenzione

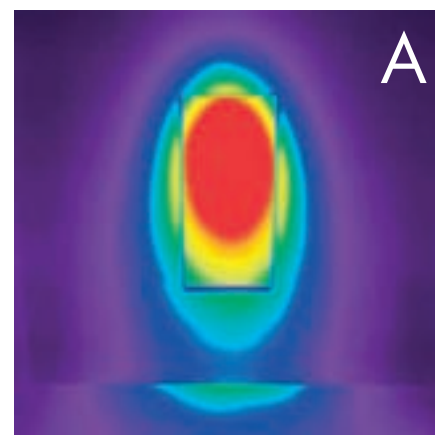
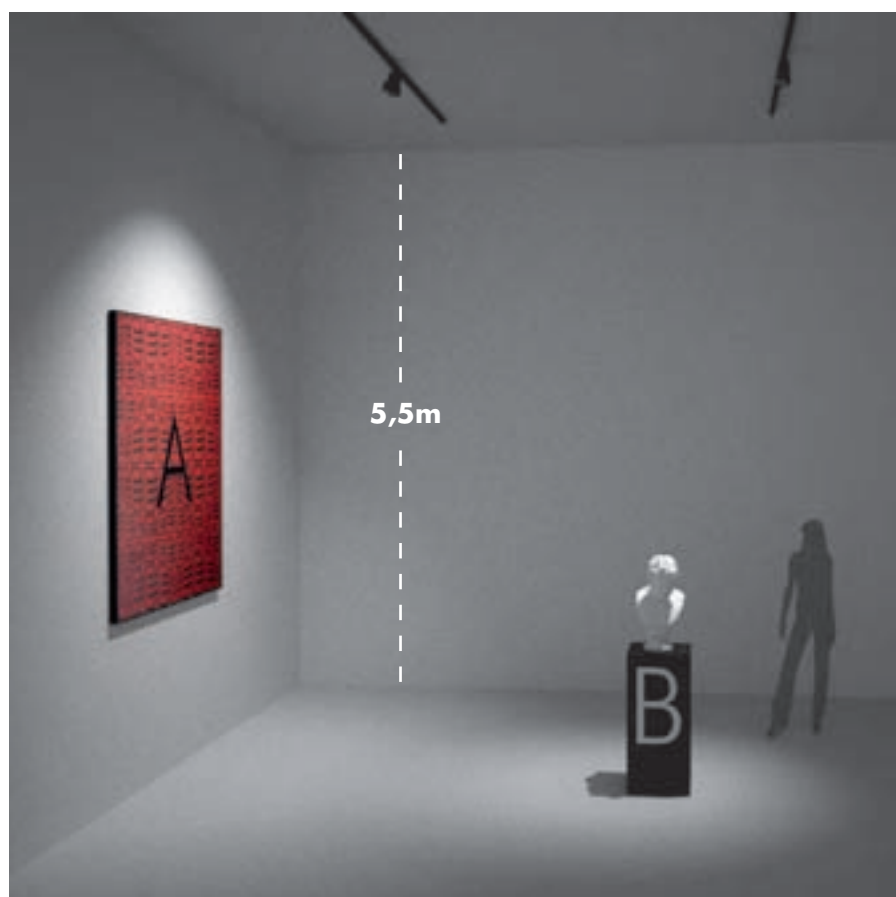
MAIN FEATURES:

- 1840 lumen at 3000K
- 1970 lumen at 4000K
- CRI 80
- Uniformity of colour temperature
- 3 secondary optics available
- IP40
- No UV or IR emission
- Mercury free
- Photobiologic risk: exempt
- Easy to install
- No maintenance



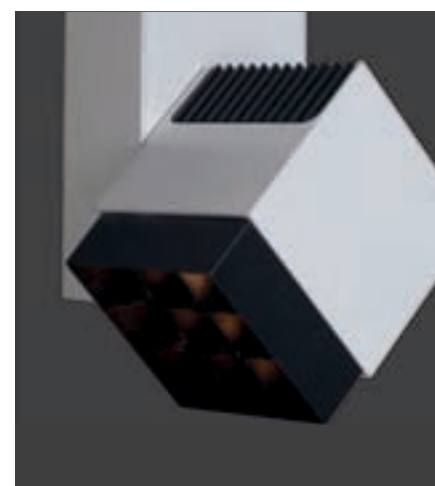
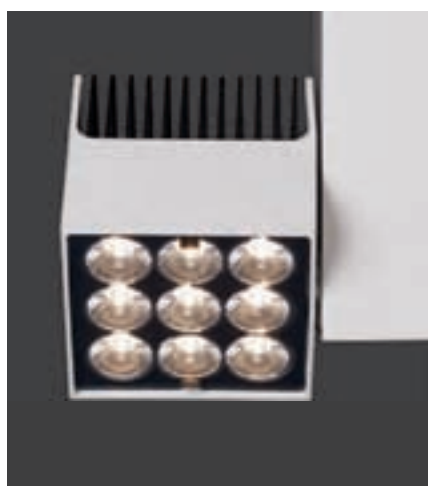
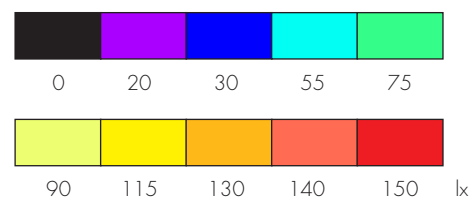
Optic 8°	Optic 24°	Optic 41°
Efficiency 92%	Efficiency 88%	Efficiency 89%
cd/lm 15.600	cd/lm 3.900	cd/lm 1.580





Simulazione Dialux
Dialux simulation

Utilizzo Flat9 spot in ambiente architettonico di grandi dimensioni.
Le performance dello spot Flat9 aprono la proposta Altatensione all'illuminazione di showroom, retail, musei ove si richiedano alti flussi luminosi e si debbano coprire distanze importanti tra l'apparecchio e il target da illuminare.
Flat9 spot performances into a big architectural exhibition space.
It's preferred field of use is for showrooms, retail shops and museums where an high luminous flux is needed and the target distance is high.

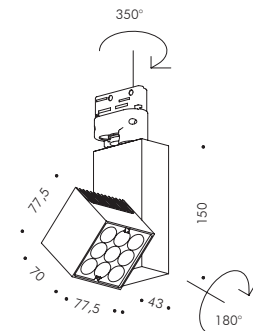




FLAT 9

design Daniele Monelli

Spot per illuminazione di interni di potenza. Il modulo luminoso Flat9 utilizza nove led Cree XTE che garantiscono emissioni di rilievo, sono associate ottiche secondarie Ledil della famiglia Leila nei tre fasci principali. *High power spot for indoor architectural lighting. Flat9 lighting module use nine leds Cree XTE in order to stand high lumen outputs, secondary optics by Ledil of Leila family are available in narrow/medium/wide beam angle.*



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
30292.717.U75	3000K	1840	80 min.	8°	Silver	220 240V	21W
30292.717.U76				24°			
30292.717.U77				41°			
30292.718.U75	4000K	1970		8°			
30292.718.U76				24°			
30292.718.U77				41°			

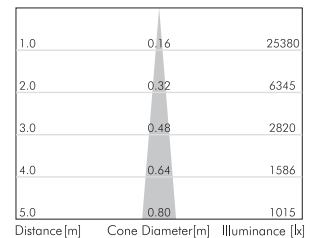
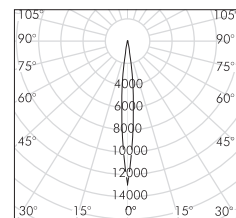
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
30293.717.U75	3000K	1840	80 min.	8°	White	220 240V	21W
30293.717.U76				24°			
30293.717.U77				41°			
30293.718.U75	4000K	1970		8°			
30293.718.U76				24°			
30293.718.U77				41°			



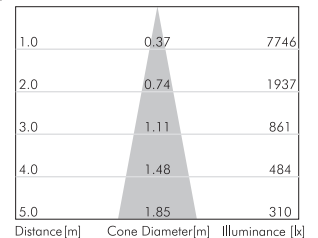
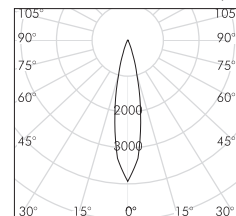
Code	Description	Finish
85001	Accessorio darklight Darklight Accessories	Black still



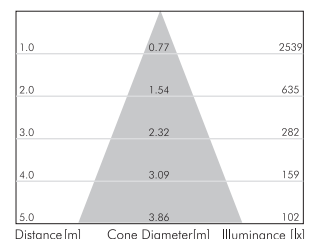
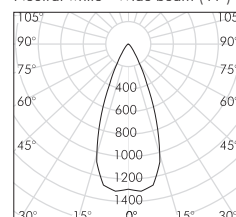
Neutral white - Narrow beam (8°)



Neutral white - Medium beam (24°)



Neutral white - Wide beam (41°)







Laber
Showroom Rossana
Pesaro



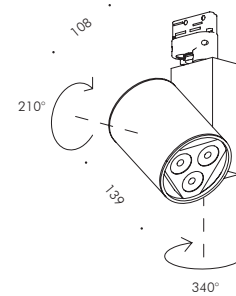


DIAMOND

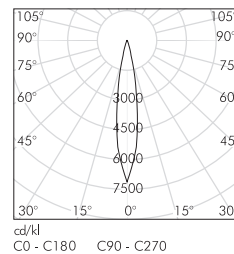
design Daniele Monelli

Spot per illuminazione d'interni di notevole potenza. Sulle schede si utilizzano led multichip che associati ad ottiche di particolare pregio (fascio stretto, medio e largo) permettono la gestione di emissioni importanti.

Hi power LED spot. Diamond has been projected with last generation multichip LED and integrated special lenses (narrow, medium and large beam). Final result of our proposal is an exceptional emission as quantity and quality.

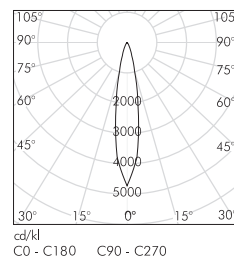


Neutral White - Narrow beam (10°)



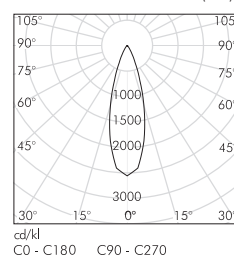
Distance[m]	Cone Diameter[m]	Illuminance [lx]
1.0	0.29	13882
2.0	0.58	3471
3.0	0.88	1542
4.0	1.17	868
5.0	1.46	555

Neutral White - Medium beam (20°)



Distance[m]	Cone Diameter[m]	Illuminance [lx]
1.0	0.32	9214
2.0	0.65	2303
3.0	0.97	1024
4.0	1.30	576
5.0	1.62	369

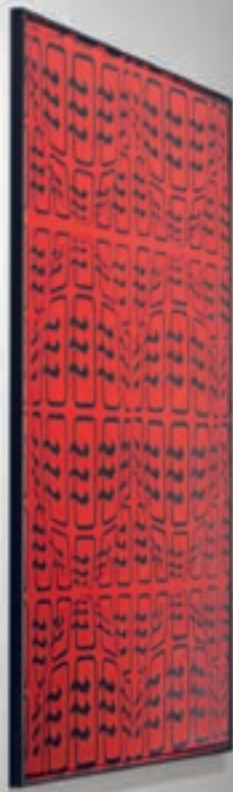
Neutral White - Wide beam (35°)



Distance[m]	Cone Diameter[m]	Illuminance [lx]
0.5	0.27	19952
1.0	0.54	4988
1.5	0.80	2217
2.0	1.07	1247
2.5	1.34	798
3.0	1.61	554



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
30230.740.U50	3000K	1680	85	10°	Silver	220 240V	26W
30230.740.U51				20°			
30230.740.U52				35°			
30230.741.U50	4000K	1950	85	10°	Silver	220 240V	26W
30230.741.U51				20°			
30230.741.U52				35°			





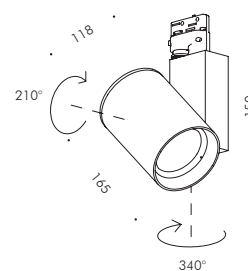


REFLECTOR

design Nicola Del Lungo

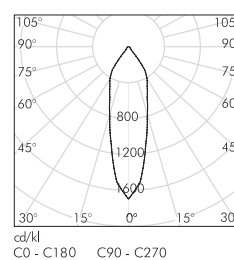
Spot per illuminazione d'interni con parabola in alluminio. La gamma prevede versioni monocromatiche in tonalità calda e neutra.

The new Reflector for indoor use complete the spot range offering wide and powerful beam lumen output. Wide range of monochromatic emissions available.



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
30236.755.U70	3000K	1300	90	28°	Silver	220 240V	20W
30236.756.U70	4000K	1420		28°			

Neutral White - 28°



Distance [m]	Cone Diameter[m]	Illuminance [lx]
0.5	0.25	9667
1.0	0.51	2417
1.5	0.76	1074
2.0	1.01	604
2.5	1.27	387
3.0	1.52	269

cd/kl C0 - C180 C90 - C270



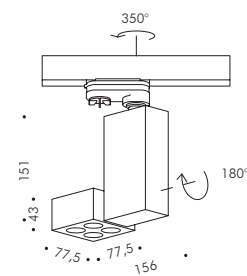


FLAT

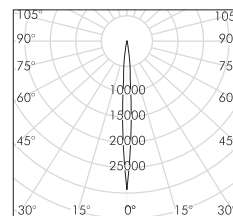
design Daniele Monelli

Spot per illuminazione d'interni costituito da un modulo luminoso singolo o doppio con 4 LED di potenza (a tono caldo o neutro). Monta lenti secondarie a fascio stretto, medio, o largo.

Spot for interior lighting. The single or double light modules consist of 4 power LEDs (warm or neutral tones) managed by latest-generation electronic profiles with secondary, narrow, medium or wide lenses.



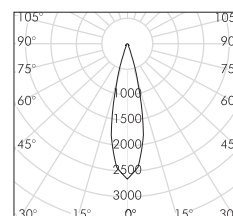
Neutral White - Narrow beam (6°)



1.0	0.12	19360
2.0	0.23	4840
3.0	0.35	2151
4.0	0.46	1210
5.0	0.58	774
6.0	0.69	538
7.0	0.81	395

cd/kl
C0 - C180 C90 - C270

Neutral White - Medium beam (24°)

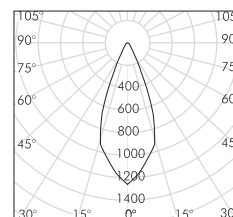


0.5	0.22	7001
1.0	0.44	1750
1.5	0.66	778
2.0	0.88	438
2.5	1.10	280
3.0	1.32	194

cd/kl
C0 - C180 C90 - C270

Distance [m] Cone Diameter[m] Illuminance [lx]

Neutral White - Wide beam (37°)



0.5	0.37	2165
1.0	0.74	541
1.5	1.12	241
2.0	1.49	135
2.5	1.86	87
3.0	2.23	60

cd/kl
C0 - C180 C90 - C270

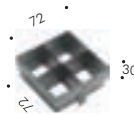
Distance [m] Cone Diameter[m] Illuminance [lx]



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
30290.710.U10	3150K	610	93	6°	Silver	220 240V	8W
30290.710.U11				24°			
30290.710.U12				37°			
30290.711.U10	4325K	660	93	6°	Silver	220 240V	8W
30290.711.U11				24°			
30290.711.U12				37°			



Code	Description	Finish
85000	Accessorio darklight Darklight Accessories	Black



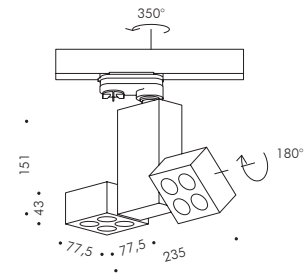


FLAT

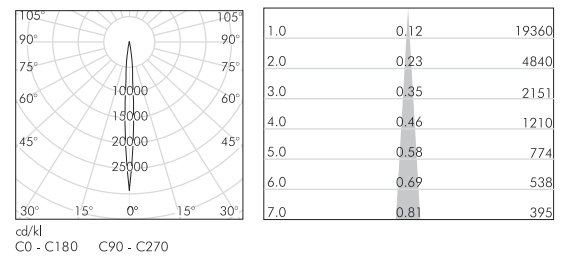
design Daniele Monelli

Spot per illuminazione d'interni costituito da un modulo luminoso singolo o doppio con 4 LED di potenza (a tono caldo o neutro). Monta lenti secondarie a fascio stretto, medio, o largo.

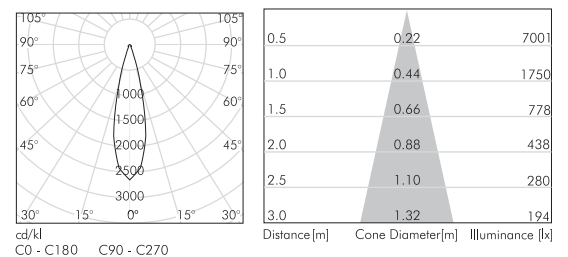
Spot for interior lighting. The single or double light modules consist of 4 power LEDs (warm or neutral tones) managed by latest-generation electronic profiles with secondary, narrow-beam, medium or wide lenses.



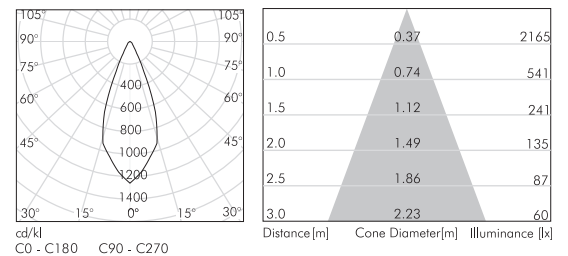
Neutral White 8W - Narrow beam (6°)



Neutral White 8W - Medium beam (24°)



Neutral White 8W - Wide beam (37°)



PHOTOMETRIC DATA USER GUIDE

2x8W

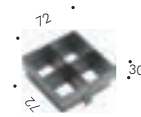
I dati fotometrici si riferiscono al singolo modulo luminoso di base. L'apparecchio si compone di molteplici moduli luminosi da importare singolarmente nel software di calcolo illuminotecnico. The photometric data refers to the single base light module. The luminaire is composed of multiple light modules to be imported individually into the lighting engineering software.



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
30295.710.U10	3150K	1220	93	6°	Silver	220 240V	16W
30295.710.U11				24°			
30295.710.U12				37°			
30295.711.U10	4325K	1320	93	6°	Silver	220 240V	16W
30295.711.U11				24°			
30295.711.U12				37°			



Code	Description	Finish
85000	Accessorio darklight Darklight Accessories	Black

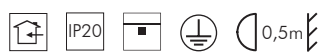




Showroom
Grafiche Antiga
Treviso

Showroom
Grafiche Antiga
Treviso

Arch. Marco Ditadi



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
30245	-	-	-	120°	Silver Prismatic thermoplastic diffuser	220 240V	39W

Fluorescent cod.10506 (not included)



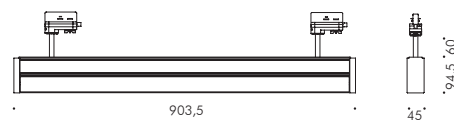
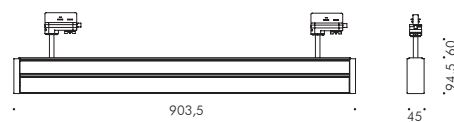
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
30246.785	3000K	4000	80 min	120°	Silver Prismatic thermoplastic diffuser	220 240V	44W
30246.786	4000K	4280		120°			

CHAMELEON

design Francesco Rienzi

Sistema di illuminazione per spazi interni. Corpo lampada in estrusione di alluminio con diffusore in policarbonato e decoro lamellare. La gamma include due versioni con fluorescenti T5 ad alto rendimento (39W e 2x39W) e una versione Led (44W).

High power Lighting system for indoor use. Body lamp in extruded aluminium silver color and polycarbonate diffuser. Available T5 fluorescent versions (1x39W and 2x39W) as well as HY power LED version 44W.



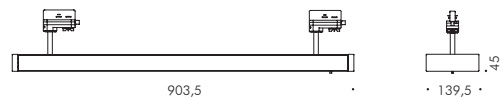


CHAMELEON

design Francesco Rienzi

Sistema di illuminazione per spazi interni. Corpo lampada in estrusione di alluminio con diffusore in policarbonato e decoro lamellare. Versione con doppia fluorescente lineare T5 ad alto rendimento (2x39W).

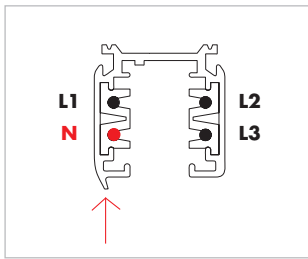
High power Lighting system for indoor use. Body lamp in extruded aluminium silver color and polycarbonate diffuser. Version with double T5 fluorescent (2x39W).



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
30247	-	-	-	120°	Silver Prismatic thermoplastic diffuser	220 240V	2x39W

Fluorescent cod.10506 (not included)

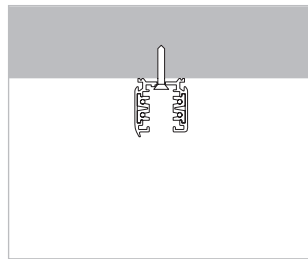
LUNA ACCESSORI / ACCESSORIES



Il binario a 3 fasi incorpora all'interno un circuito che corre lungo di esso. Quando si progetta il layout del sistema sulla planimetria architettonica è necessario dare continuità alla linea del neutro senza interruzione.

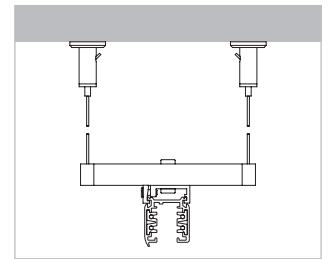
The 3-phase binary tracks incorporate a circuit which runs along it. While designing the architectural plan layout of the track system, take care that there is continuity with the neutral line contact without any interruption.

CEILING INSTALLATION



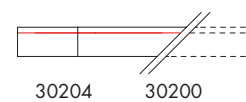
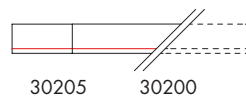
Il binario può essere installato direttamente a soffitto.
The track can directly be installed to ceiling.

PENDANT INSTALLATION

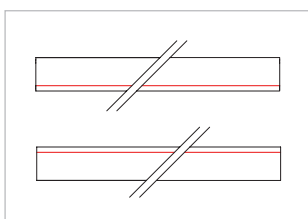
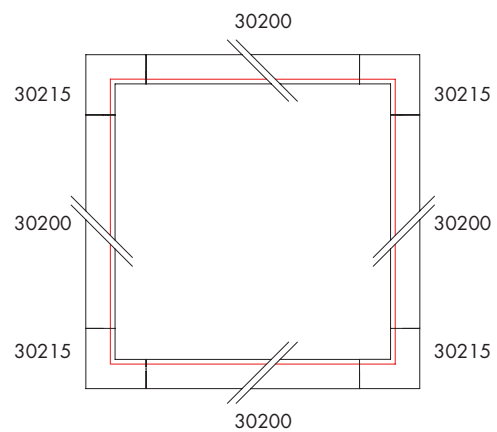
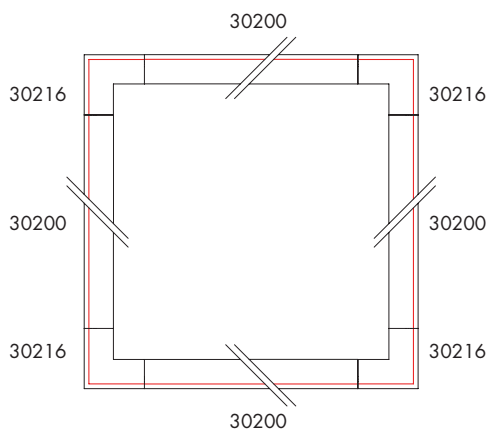


Il binario può essere sospeso mediante apposito kit cod. 30209.
The track can be suspended using kit cod. 30209.

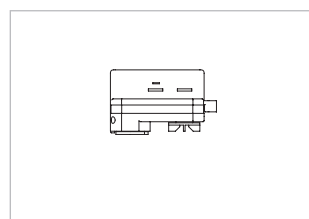
LINEAR LAYOUT EXAMPLE



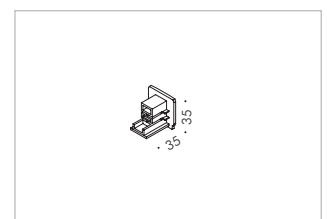
SQUARE LAYOUT EXAMPLE



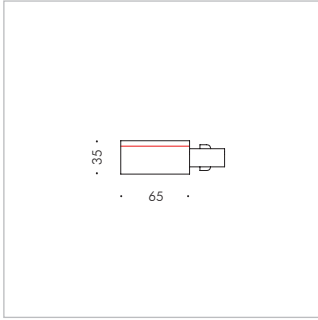
30200 Alluminio/Silver
30200B Bianco/White
30200N Nero/Black
Eurostandard (Max load 16A/220-240V/4000W)
Binario in alluminio estruso (3,5x3,5x200cm)
Extruded aluminium track (3,5x3,5x200cm).



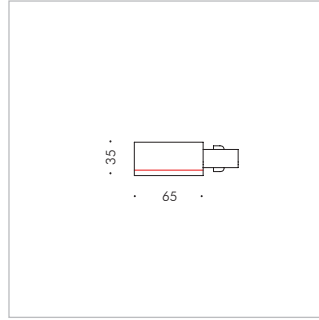
30201 Alluminio/Silver
30201B Bianco/White
30201N Nero/Black
Adattatore in alluminio elettrificato.
Aluminum adapter electrified.



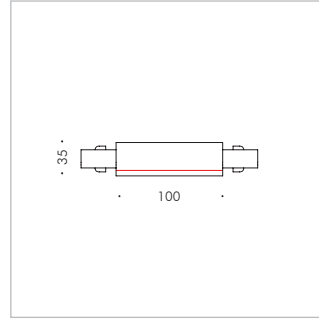
30222 Alluminio/Silver
30222B Bianco/White
30222N Nero/Black
Tappo fine binario, materiale termoplastico.
Dead end track in thermoplastic material.



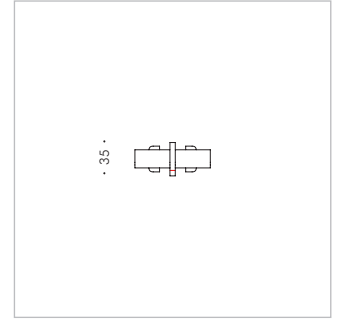
30204 Alluminio/Silver
30204B Bianco/White
30204N Nero/Black
 Testata di alimentazione inizio linea binario. 4 conduttori + terra.
 Materiale termoplastico e parti di contatto in metallo cromato.
 Live end connector 4 pins and earth.
 Thermoplastic body and contact parts in chrome metal.



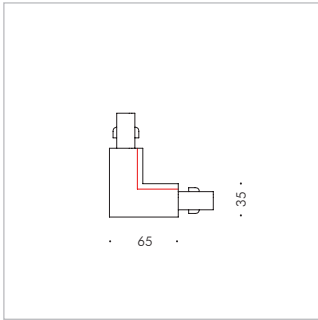
30205 Alluminio/Silver
30205B Bianco/White
30205N Nero/Black
 Testata di alimentazione inizio linea binario. 4 conduttori + terra.
 Materiale termoplastico e parti di contatto in metallo cromato.
 Live end connector 4 pins and earth.
 Thermoplastic body and contact parts in chrome metal.



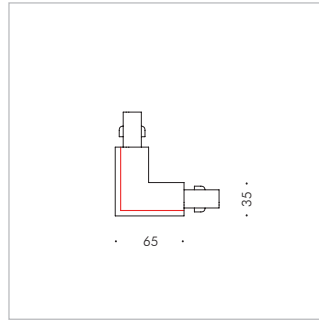
30207 Alluminio/Silver
30207B Bianco/White
30207N Nero/Black
 Giunzione di alimentazione centrale. 4 conduttori + terra.
 Materiale termoplastico e parti di contatto in metallo cromato.
 Live joint connector 4 pins and earth.
 Thermoplastic body and contact parts in chrome metal.



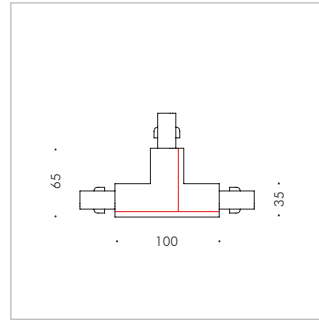
30210 Alluminio/Silver
30210B Bianco/White
30210N Nero/Black
 Giunzione lineare per accoppiamento dei binari. Materiale termoplastico e parti di contatto in metallo cromato.
 Straight joint for track lines.
 Thermoplastic body and contact parts in chrome metal.



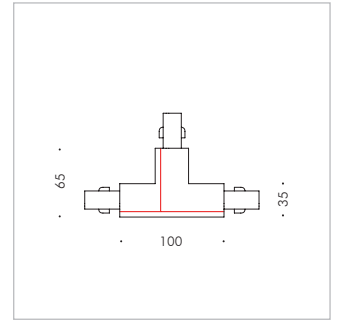
30215
 Giunzione a "L" 4 conduttori + terra.
 Materiale termoplastico e parti di contatto in metallo cromato.
 Finitura alluminio.
 "L" joint 4 pins and earth.
 Thermoplastic body and contact parts in chrome metal.
 Silver finish.



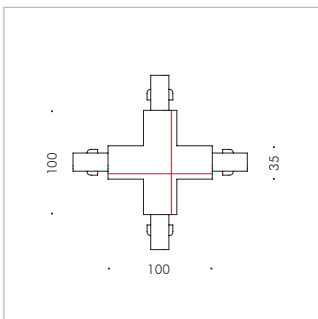
30216
 Giunzione a "L" 4 conduttori + terra.
 Materiale termoplastico e parti di contatto in metallo cromato.
 Finitura alluminio.
 "L" joint 4 pins and earth.
 Thermoplastic body and contact parts in chrome metal.
 Silver finish.



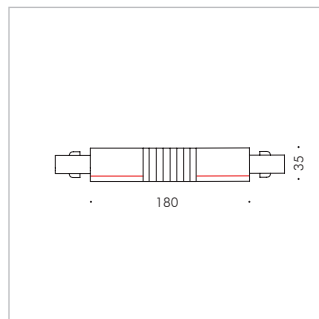
30218
 Giunzione a "T" 4 conduttori + terra.
 Materiale termoplastico e parti di contatto in metallo cromato.
 Finitura alluminio.
 "T" joint 4 pins and earth.
 Thermoplastic body and contact parts in chrome metal.
 Silver finish.



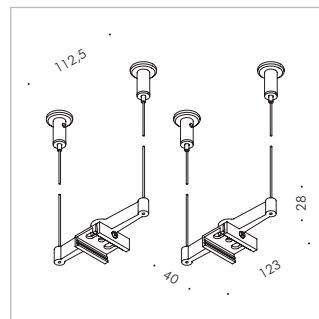
30219
 Giunzione a "T" 4 conduttori + terra.
 Materiale termoplastico e parti di contatto in metallo cromato.
 Finitura alluminio.
 "T" joint 4 pins and earth.
 Thermoplastic body and contact parts in chrome metal.
 Silver finish.



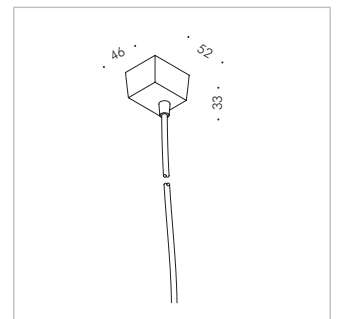
30220
 Giunzione a "X" 4 conduttori + terra.
 Materiale termoplastico e parti di contatto in metallo cromato.
 Finitura alluminio.
 "X" joint 4 pins and earth.
 Thermoplastic body and contact parts in chrome metal.
 Silver finish.



30213
 Giunto flessibile.
 4 conduttori + terra.
 Materiale termoplastico e parti di contatto in metallo cromato.
 Finitura alluminio.
 Flexible joint 4 pins and earth.
 Thermoplastic body and contact parts in chrome metal.
 Silver finish.



30209 Alluminio/Silver
30209B Bianco/White
30209N Nero/Black
 Kit doppio sospensione con cavi in acciaio (250cm).
 Double ceiling Kit. Steel cable (250cm).



30208
 Rosone con cavo (250cm) di alimentazione.
 Finitura verniciata alluminio.
 Live-end canopy with cable (250cm).
 Silver finish.



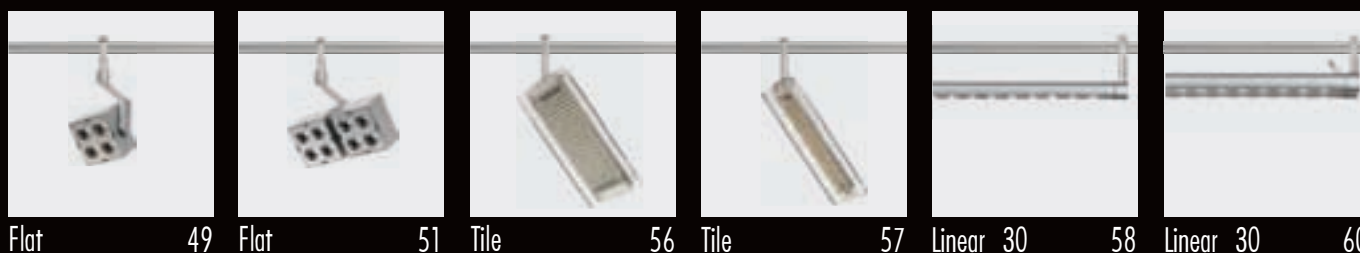
02.

SISTEMA SU BINARIO MAGELLANO

MAGELLANO TRACK SYSTEMS

Il binario Magellano, realizzato in estrusione di alluminio verniciato colore naturale, offre la concreta possibilità di gestire sistemi di illuminazione con schede LED su impianti di notevole potenza. Risulta versatile e flessibile sia nella fase progettuale che nell'installazione grazie ai molti accessori ed alle molteplici sorgenti luminose disponibili. Qualità dei materiali, affidabilità, efficienza luminosa, leggerezza e possibilità di dimmerazione rendono Magellano ideale per illuminare uffici, negozi, showroom ed ambiti museali.

The Magellano track, made of extruded aluminium painted with its natural colour, makes it practical to manage lighting systems on installations of significant power using LED cards. It is versatile and flexible during both design and installation thanks to the many accessories and multiple light sources available. Quality materials, reliability, light efficiency, lightness and the possibility of installing dimmers make Magellano ideal for lighting offices, stores, showrooms and museums.



Flat 49 Flat 51 Tile 56 Tile 57 Linear 30 58 Linear 30 60

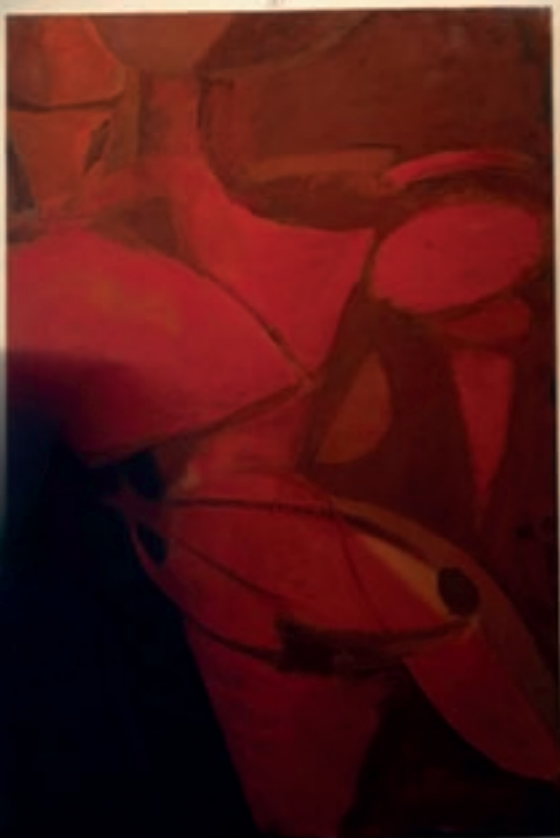
Museo Primo Conti
Firenze

Museum Primo Conti
Florence



Museo Primo Conti
Firenze

*Museum Primo Conti
Florence*



A small, square white label with a dark logo or text, positioned between the two paintings.

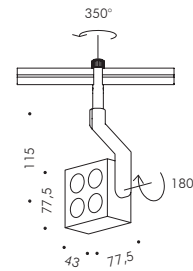


FLAT

design Daniele Monelli

Spot per illuminazione d'interni costituito da un modulo luminoso singolo o doppio con 4 LED di potenza (a tono caldo o neutro). Monta lenti secondarie a fascio stretto, medio, o largo.

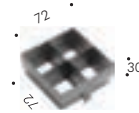
Spot for interior lighting. The single or double light modules consist of 4 power LEDs (warm or neutral tones) managed by latest-generation electronic profiles with secondary, narrow, medium or wide lenses.



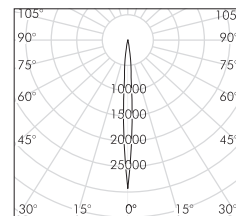
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
40060.715.U10	3150K	610	93	6°	Silver	24V DC	8W
40060.715.U11				24°			
40060.715.U12				37°			
40060.716.U10	4325K	660	93	6°	Silver	24V DC	8W
40060.716.U11				24°			
40060.716.U12				37°			



Code	Description	Finish
85000	Accessorio darklight Darklight Accessories	Black

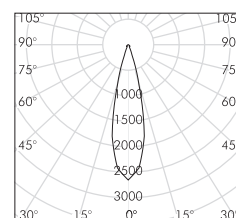


Neutral White - Narrow beam (6°)



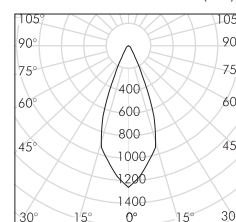
Distance[m]	Cone Diameter[m]	Illuminance [lx]
1.0	0.12	19360
2.0	0.23	4840
3.0	0.35	2151
4.0	0.46	1210
5.0	0.58	774
6.0	0.69	538
7.0	0.81	395

Neutral White - Medium beam (24°)



Distance[m]	Cone Diameter[m]	Illuminance [lx]
0.5	0.22	7001
1.0	0.44	1750
1.5	0.66	778
2.0	0.88	438
2.5	1.10	280
3.0	1.32	194

Neutral White - Wide beam (37°)



Distance[m]	Cone Diameter[m]	Illuminance [lx]
0.5	0.37	2165
1.0	0.74	541
1.5	1.12	241
2.0	1.49	135
2.5	1.86	87
3.0	2.23	60

Museo Primo Conti
Firenze

*Museum Primo Conti
Florence*



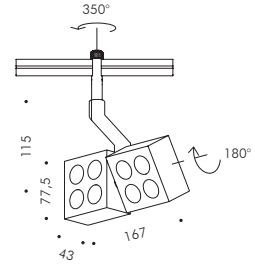


FLAT

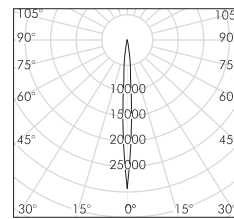
design Daniele Monelli

Spot per illuminazione d'interni costituito da un modulo luminoso singolo o doppio con 4 LED di potenza (a tono caldo o neutro). Monta lenti secondarie a fascio stretto, medio, o largo.

Spot for interior lighting. The single or double light modules consist of 4 power LEDs (warm or neutral tones) managed by latest-generation electronic profiles with secondary, narrow, medium or wide lenses.



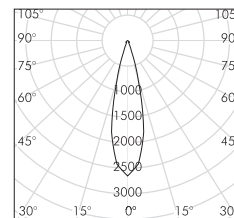
Neutral White 8W - Narrow beam (6°)



1.0	0.12	19360
2.0	0.23	4840
3.0	0.35	2151
4.0	0.46	1210
5.0	0.58	774
6.0	0.69	538
7.0	0.81	395

cd/kl
C0 - C180 C90 - C270

Neutral White 8W - Medium beam (24°)

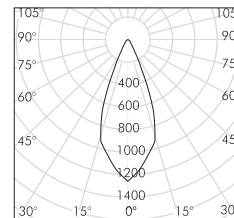


0.5	0.22	7001
1.0	0.44	1750
1.5	0.66	778
2.0	0.88	438
2.5	1.10	280
3.0	1.32	194

cd/kl
C0 - C180 C90 - C270

Distance [m] Cone Diameter[m] Illuminance [lx]

Neutral White 8W - Wide beam (37°)

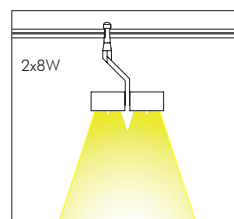


0.5	0.37	2165
1.0	0.74	541
1.5	1.12	241
2.0	1.49	135
2.5	1.86	87
3.0	2.23	60

cd/kl
C0 - C180 C90 - C270

Distance [m] Cone Diameter[m] Illuminance [lx]

PHOTOMETRIC DATA USER GUIDE



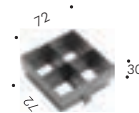
I dati fotometrici si riferiscono al singolo modulo luminoso di base. L'apparecchio si compone di molteplici moduli luminosi da importare singolarmente nel software di calcolo illuminotecnico. The photometric data refers to the single base light module. The luminaire is composed of multiple light modules to be imported individually into the lighting engineering software.



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
40065.715.U10	3150K	1220	93	6°	Silver	24V DC	16W
40065.715.U11				24°			
40065.715.U12				37°			
40065.716.U10	4325K	1320	93	6°	Silver	24V DC	16W
40065.716.U11				24°			
40065.716.U12				37°			



Code	Description	Finish
85000	Accessorio darklight Darklight Accessories	Black



Ente Cassa di Risparmio EXIBITION SPACE

Dipinti di Giorgio Vasari dalla Collezione dell'Ente Cassa di Risparmio di Firenze
Paintings by Giorgio Vasari from the Cassa di Risparmio di Firenze collection.

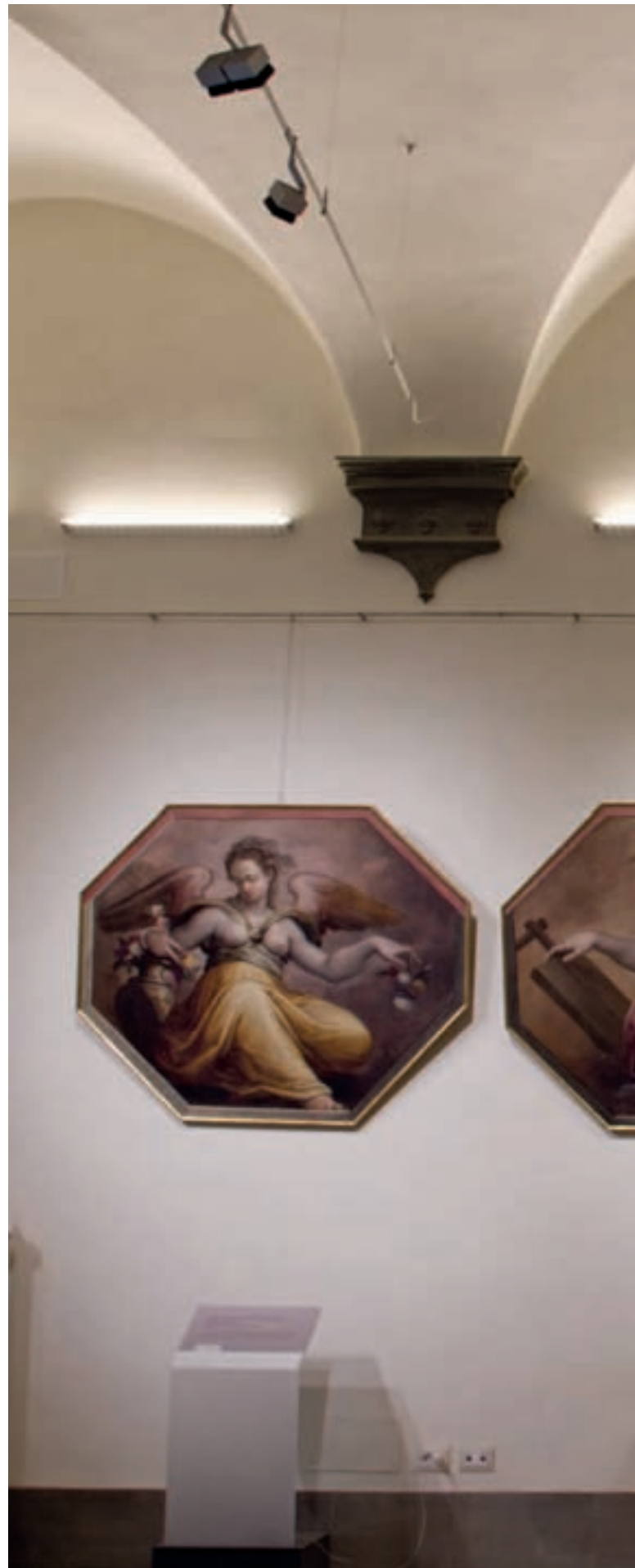
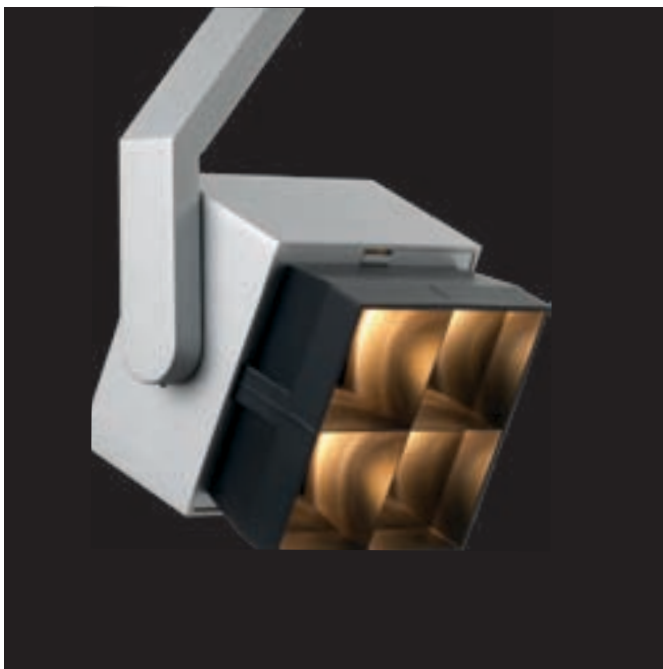
Arch. Luigi Cupellini

Preservazione e suggestione **Preservation and effect**

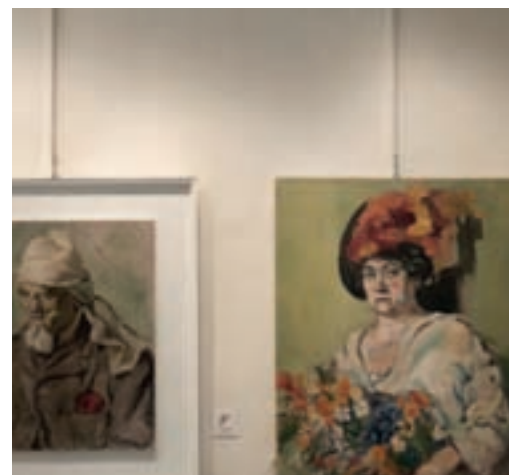
L'illuminazione a led trova grande applicazione nel campo dell'arte, dove si richiede un progetto illuminotecnico in grado di garantire una corretta percezione delle opere esposte. Nello spazio mostre sono esposte preziose e delicate opere d'arte perciò è stata posta particolare attenzione alla loro preservazione. Le lampade a led generano una luce che non emette raggi ultravioletti (UV) né infrarossi (IR) hanno così rappresentato la perfetta soluzione per il corretto allestimento degli spazi, essendo in grado di coniugare sicurezza e presentazione scenica.

LED lighting is used widely in the field of art, where a lighting engineering project is required that can ensure that the works of art can be perceived correctly.

There are valuable and delicate works of art in the exhibition space, so a great deal of attention was placed on their preservation. The LED lamps generate a light that does not emit ultraviolet (UV) or infrared (IR) rays, so they were the ideal solution for fitting out the spaces correctly, also because they were capable of combining safety and attractive presentation.







**Museo Primo Conti
Firenze**

La luce restituisce un'opera ai nostri occhi, ci aiuta a riscoprire i segni dell'autore, ne esalta i colori nel rispetto dei parametri delle norme UNI 12464 e 10829.

**Museum Primo Conti
Florence**

Lighting reinstates a work before our eyes, helps us to rediscover the author's signs, and brings out the colours while respecting the parameters of UNI 12464 and 10829.



Ente Cassa di Risparmio
Spazio mostre, Firenze
Trittico Vasariano

Ente Cassa di Risparmio
Exhibit space, Florence
Vasari's triptych

Arch. Luigi Cupellini



Installazioni con binario su
soffitto a cassettoni

*Installations on track with
coffered ceiling*



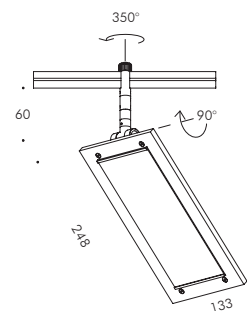


TILE

design Daniele Monelli

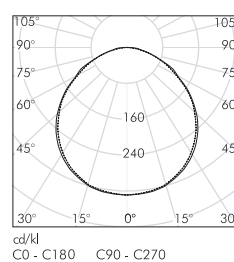
Applicazione a luce diffusa (emissione 120°) disponibile in versione 7W e 20W. Sono utilizzabili per illuminazione diretta ed indiretta.

Hi lumens flux LED (120° emission) indoor. 2 kinds of power available: 7W and 20W. Can be used for direct and indirect lighting.

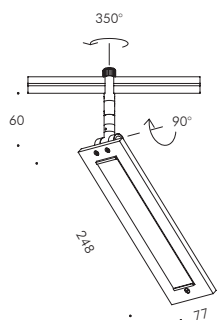


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
40070.730	3000K	830	85	120°	Silver Transparent plexiglass	24V DC	20W
40070.731	4000K	865		120°			

Neutral White - 120°



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	1.40	1138
1.0	2.80	285
1.5	4.21	126
2.0	5.61	71
2.5	7.01	46
3.0	8.41	32



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
40075.735	3000K	275	85	120°	Silver Transparent plexiglass	24V DC	7W
40075.736	4000K	290		120°			

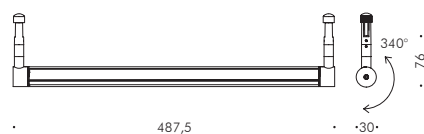


LINEAR 30

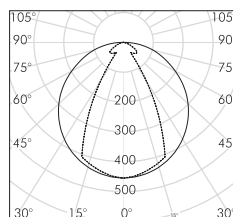
design Nicola Del Lungo

Dispositivo lineare orientabile con emissione 90° per illuminazione diffusa oppure con lenti secondarie che prevedono fascio stretto, medio, largo ed ellittico. E' disponibile in due misure: 50 cm e 100 cm nonché una versione con doppia barra lineare.

Lighting unit with adjustable beam, secondary optics, indoor use. Two sizes available: cm 50 and cm 100 as well as a double linear.

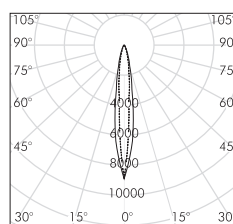


Neutral White 15W - 90°



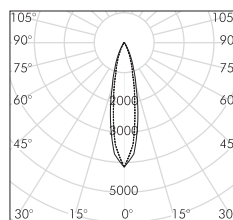
Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.52	2038
1.0	1.04	509
1.5	1.56	226
2.0	2.07	127
2.5	2.59	82
3.0	3.11	57

Neutral White 15W - Narrow beam 16°



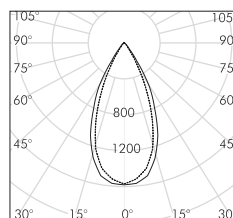
Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.15	9976
2.0	0.29	2494
3.0	0.44	1108
4.0	0.59	624
5.0	0.73	399

Neutral White 15W - Medium beam 24°



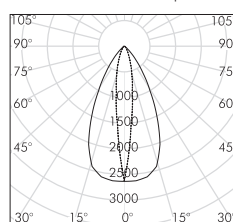
Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.35	4655
2.0	0.69	1164
3.0	1.04	517
4.0	1.38	291
5.0	1.73	186

Neutral White 15W - Wide beam 35°



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.40	7078
1.0	0.81	1770
1.5	1.21	786
2.0	1.62	442
2.5	2.02	283
3.0	2.42	197

Neutral White 15W - Elliptical 18+48°



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.42	11800
1.0	0.81	5742
1.5	1.21	2950
2.0	1.62	1435
2.5	2.02	1054
3.0	2.42	738
3.0	0.70	230
3.0	3.03	117



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
40080.790	3000K	885	85	90°	Silver	24V DC	15W
40080.790.U60				16°			
40080.790.U61				24°			
40080.790.U62				35°			
40080.790.U63	4000K	1120	85	18+48°	Silver	24V DC	15W
40080.793				90°			
40080.793.U60				16°			
40080.793.U61				24°			
40080.793.U62				35°			
40080.793.U63				18+48°			

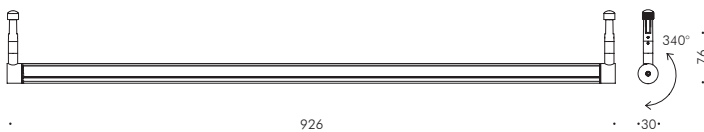


LINEAR 30

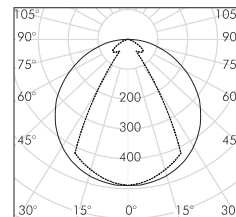
design Nicola Del Lungo

Dispositivo lineare orientabile con emissione 90° per illuminazione diffusa oppure con lenti secondarie che prevedono fascio stretto, medio, largo ed ellittico. E' disponibile in due misure: 50 cm e 100 cm nonché una versione con doppia barra lineare.

Lighting unit with adjustable beam, secondary optics, indoor use. Two sizes available: cm 50 and cm 100 as well as a double linear.

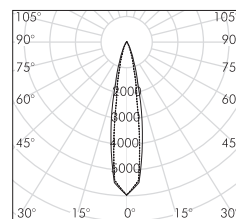


Neutral White 15W - 90°



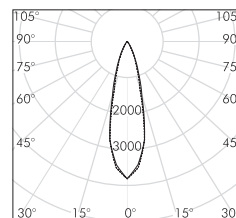
Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.57	4382
1.0	1.13	1096
1.5	1.70	487
2.0	2.26	274
2.5	2.83	175
3.0	3.39	122

Neutral White 15W - Narrow beam 16°



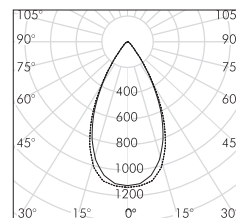
Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.31	13383
2.0	0.62	3346
3.0	0.93	1487
4.0	1.24	836
5.0	1.55	535

Neutral White 15W - Medium beam 24°



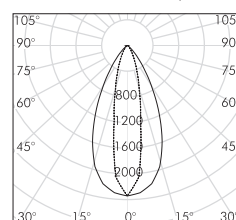
Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.47	8544
2.0	0.93	2136
3.0	1.40	949
4.0	1.86	534
5.0	2.33	342

Neutral White 15W - Wide beam 35°



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.51	10035
1.0	1.02	2509
1.5	1.54	1115
2.0	2.05	627
2.5	2.56	401
3.0	3.07	279

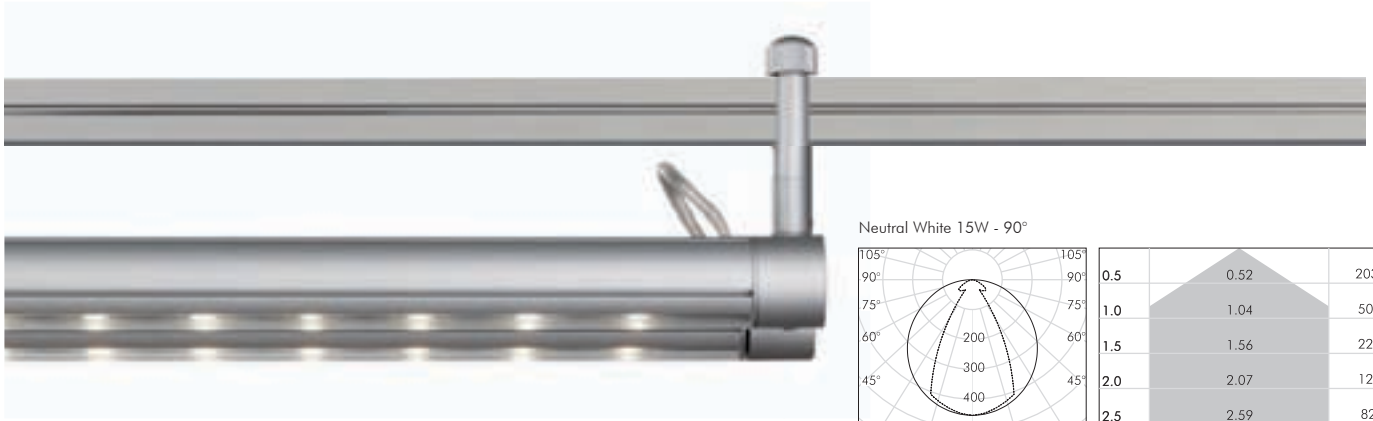
Neutral White 15W - Elliptical 18+48°



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.18	20999
0.5	0.47	10094
1.0	0.35	7828
1.0	0.93	5253
1.5	0.53	2523
1.5	1.40	1957
2.0	0.71	2333
2.0	1.87	1122
2.5	0.88	870
2.5	2.33	631
3.0	1.06	489
3.0	2.80	313
3.0	1.06	280
3.0	2.80	217



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
40085.796	3000K	1770	85	90°	Silver	24V DC	30W
40085.796.U60				16°			
40085.796.U61				24°			
40085.796.U62				35°			
40085.798	4000K	2240	85	18+48°	Silver	24V DC	30W
40085.798.U60				90°			
40085.798.U61				16°			
40085.798.U62				24°			
40085.798.U63				18+48°			

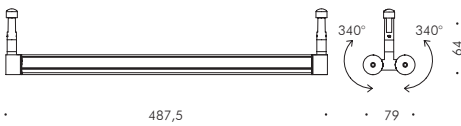


LINEAR 30

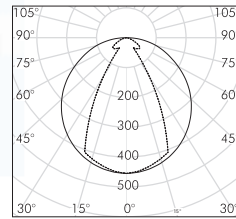
design Nicola Del Lungo

Dispositivo lineare orientabile con emissione 90° per illuminazione diffusa oppure con lenti secondarie che prevedono fascio stretto, medio, largo ed ellittico. E' disponibile in due misure: 50 cm e 100 cm nonché una versione con doppia barra lineare.

Lighting unit with adjustable beam, secondary optics, indoor use. Two sizes available: cm 50 and cm 100 as well as a double linear.



Neutral White 15W - 90°

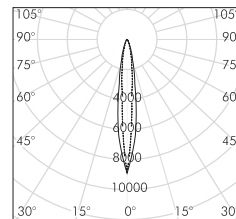


0.5	0.52	2038
1.0	1.04	509
1.5	1.56	226
2.0	2.07	127
2.5	2.59	82
3.0	3.11	57

cd/kl
C0 - C180 C90 - C270

Distance [m] Cone Diameter[m] Illuminance [lx]

Neutral White 15W - Narrow beam 16°

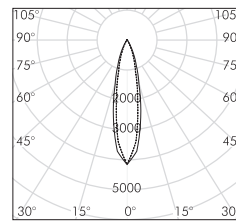


1.0	0.15	9976
2.0	0.29	2494
3.0	0.44	1108
4.0	0.59	624
5.0	0.73	399

cd/kl
C0 - C180 C90 - C270

Distance [m] Cone Diameter[m] Illuminance [lx]

Neutral White 15W - Medium beam 24°

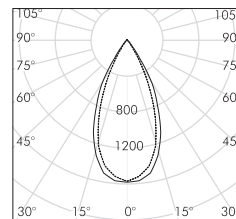


1.0	0.35	4655
2.0	0.69	1164
3.0	1.04	517
4.0	1.38	291
5.0	1.73	186

cd/kl
C0 - C180 C90 - C270

Distance [m] Cone Diameter[m] Illuminance [lx]

Neutral White 15W - Wide beam 35°

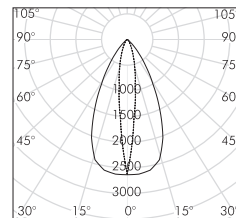


0.5	0.40	7078
1.0	0.81	1770
1.5	1.21	786
2.0	1.62	442
2.5	2.02	283
3.0	2.42	197

cd/kl
C0 - C180 C90 - C270

Distance [m] Cone Diameter[m] Illuminance [lx]

Neutral White 15W - Elliptical 18+48°



0.5	0.12	E(0°) 11800
	0.51	E(C90) 9° 5742
		E(C0) 24° 4214
		E(0°) 2950
1.0	0.23	E(C90) 9° 1435
	1.0	E(C0) 24° 1054
		E(0°) 1311
1.5	0.35	E(C90) 9° 638
	1.52	E(C0) 24° 468
		E(0°) 738
2.0	0.47	E(C90) 9° 359
	2.02	E(C0) 24° 263
		E(0°) 472
2.5	0.59	E(C90) 9° 230
	2.53	E(C0) 24° 169
		E(0°) 328
3.0	0.70	E(C90) 9° 159
	3.03	E(C0) 24° 117

cd/kl
C0 - C180 C90 - C270

Distance [m] Cone Diameter[m] Illuminance [lx]
— C0 - C180 (Half-value angle: 48°)
— C90 - C270 (Half-value angle: 18°)



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
40090.790	3000K	1170	85	90°	Silver	24V DC	30W
40090.790.U60				16°			
40090.790.U61				24°			
40090.790.U62				35°			
40090.790.U63				18+48°			
40090.793	4000K	2240	85	90°	Silver	24V DC	30W
40090.793.U60				16°			
40090.793.U61				24°			
40090.793.U62				35°			
40090.793.U63				18+48°			

PHOTOMETRIC DATA USER GUIDE

2x15W

I dati fotometrici si riferiscono al singolo modulo luminoso di base. L'apparecchio si compone di molteplici moduli luminosi da importare singolarmente nel software di calcolo illuminotecnico. *The photometric data refers to the single base light module. The luminaire is composed of multiple light modules to be imported individually into the lighting engineering software.*

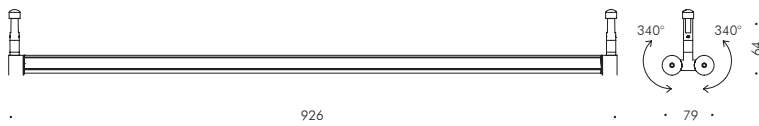


LINEAR 30

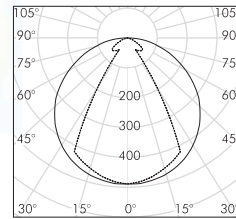
design Nicola Del Lungo

Dispositivo lineare orientabile con emissione 90° per illuminazione diffusa oppure con lenti secondarie che prevedono fascio stretto, medio, largo ed ellittico. E' disponibile in due misure: 50 cm e 100 cm nonché una versione con doppia barra lineare.

Lighting unit with adjustable beam, secondary optics, indoor use. Two sizes available: cm 50 and cm 100 as well as a double linear.



Neutral White 30W - 90°

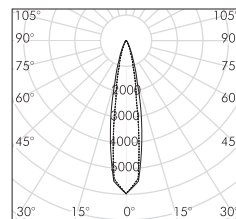


cd/kd
C0 - C180 C90 - C270

0.5	0.57	4382
1.0	1.13	1096
1.5	1.70	487
2.0	2.26	274
2.5	2.83	175
3.0	3.39	122

Distance [m] Cone Diameter[m] Illuminance [lx]

Neutral White 30W - Narrow beam 16°

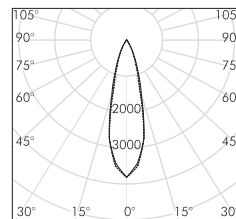


cd/kd
C0 - C180 C90 - C270

1.0	0.31	13383
2.0	0.62	3346
3.0	0.93	1487
4.0	1.24	836
5.0	1.55	535

Distance [m] Cone Diameter[m] Illuminance [lx]

Neutral White 30W - Medium beam 24°

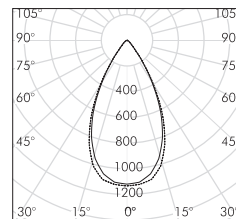


cd/kd
C0 - C180 C90 - C270

1.0	0.47	8544
2.0	0.93	2136
3.0	1.40	949
4.0	1.86	534
5.0	2.33	342

Distance [m] Cone Diameter[m] Illuminance [lx]

Neutral White 30W - Wide beam 35°

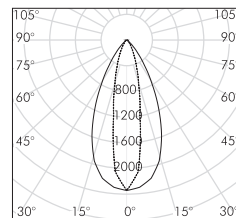


cd/kd
C0 - C180 C90 - C270

0.5	0.51	10035
1.0	1.02	2509
1.5	1.54	1115
2.0	2.05	627
2.5	2.56	401
3.0	3.07	279

Distance [m] Cone Diameter[m] Illuminance [lx]

Neutral White 30W - Elliptical 18+48°



cd/kd
C0 - C180 C90 - C270

0.5	0.18	20999	E(0°)	9°	10094
0.5	0.47	5250	E(C90)	24°	7828
1.0	0.35	1122	E(0°)	9°	2523
1.0	0.93	2333	E(C90)	24°	1957
1.5	0.53	1122	E(0°)	9°	370
1.5	1.40	1312	E(C90)	24°	631
2.0	0.71	840	E(0°)	9°	404
2.0	1.87	313	E(C90)	24°	583
2.5	0.88	280	E(0°)	9°	217
2.5	2.33	217	E(C90)	24°	217
3.0	1.06		E(0°)	9°	
3.0	2.80		E(C90)	24°	

Distance [m] Cone Diameter[m] Illuminance [lx]
— C0 - C180 (Half-value angle: 48°)
— C90 - C270 (Half-value angle: 18°)



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
40095.796	3000K	3540	85	90°	Silver	24V DC	60W
40095.796.U60				16°			
40095.796.U61				24°			
40095.796.U62				35°			
40095.796.U63				18+48°			
40095.798	4000K	4480	85	90°	Silver	24V DC	60W
40095.798.U60				16°			
40095.798.U61				24°			
40095.798.U62				35°			
40095.798.U63				18+48°			

PHOTOMETRIC DATA USER GUIDE

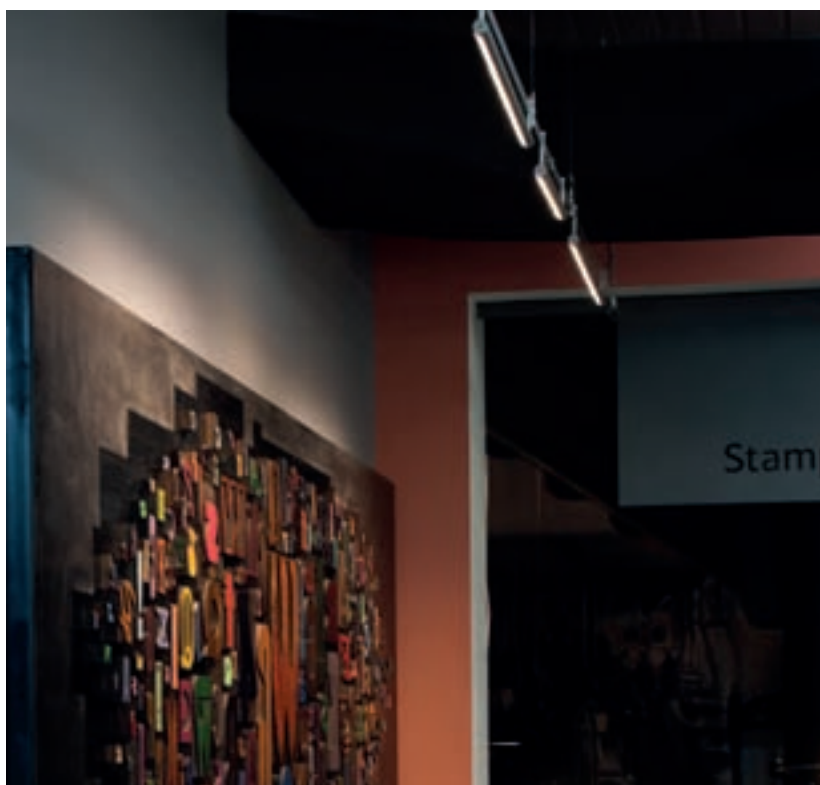
2x30W

I dati fotometrici si riferiscono al singolo modulo luminoso di base. L'apparecchio si compone di molteplici moduli luminosi da importare singolarmente nel software di calcolo illuminotecnico. *The photometric data refers to the single base light module. The luminaire is composed of multiple light modules to be imported individually into the lighting engineering software.*

Grafiche Antiga
Fondazione tipoteca Italiana
Treviso

Grafiche Antiga
Italian foundation tipoteca
Treviso

Arch. Marco Ditadi



R.E.oro
Gioielleria
Perugia

R.E.oro
Gold & Jewellery
Perugia



Installazione della Linear 30 in
stand fieristico

Installation of the linear 30 in
exhibition stand



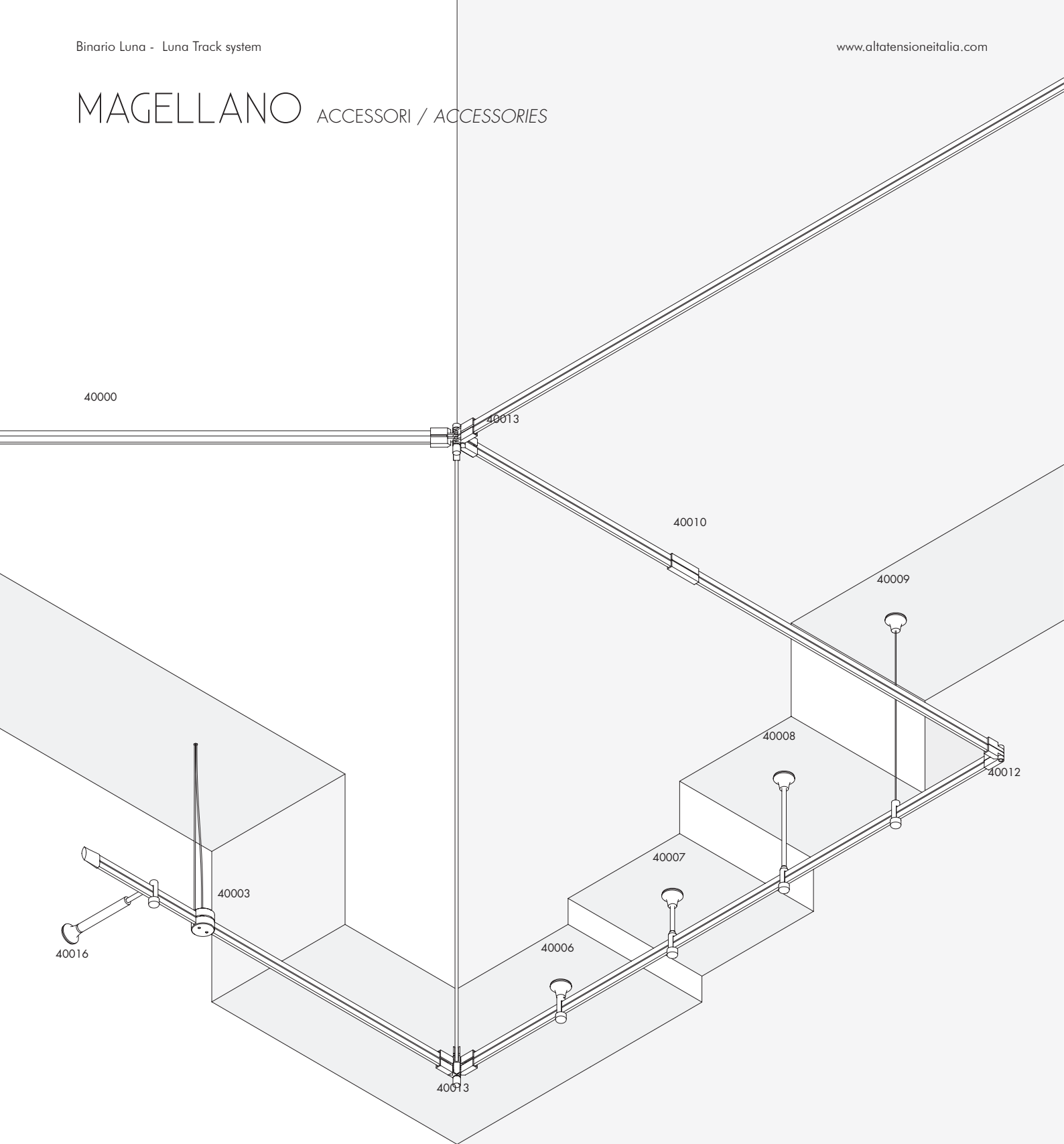


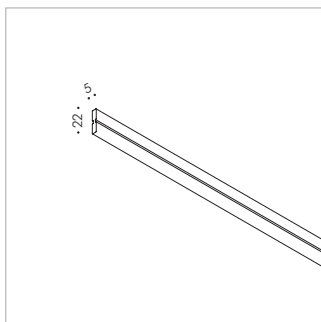
Centro Benessere Estè
Città di Castello (PG)

S.P.A. Estè
Città di Castello (PG)

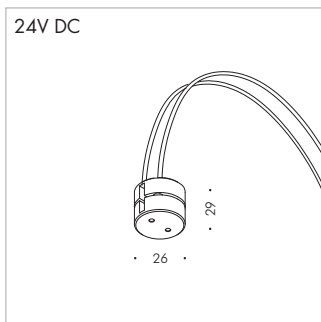
DS DESIGN
Simone Chitarrai
Diego Innocentini

MAGELLANO ACCESSORI / ACCESSORIES

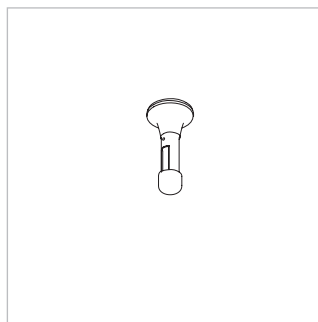




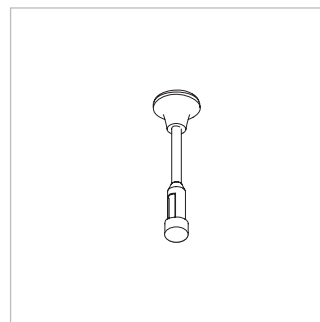
40000 200cm
Binario in alluminio estruso anodizzato per bassissima tensione.
Curvabile.
Portata 25A.
Testate di fine binario incluse.
*Anodized aluminium track for very low voltage.
Bendable.
Max load 25A.
End track caps included.*



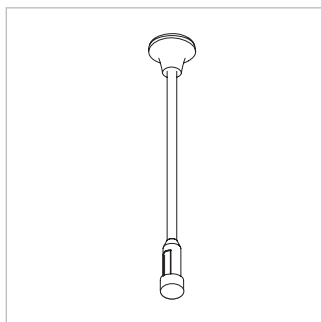
40003 250cm
Testata di alimentazione.
Cavo in rame, sezione 2mm.
Finitura verniciato alluminio.
Solo per 24V DC
*Live-end.
Copper cable 2mm.
Silver finish.
Only for 24V DC*



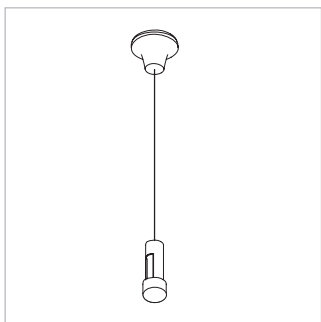
40006
Connessione a soffitto.
Lunghezza 7cm.
Finitura verniciato alluminio.
*Ceiling connector 7cm.
Silver finish.*



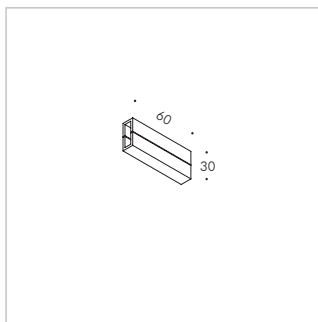
40007
Connessione a soffitto.
Lunghezza 12cm.
Finitura verniciato alluminio.
*Ceiling connector 12cm.
Silver finish.*



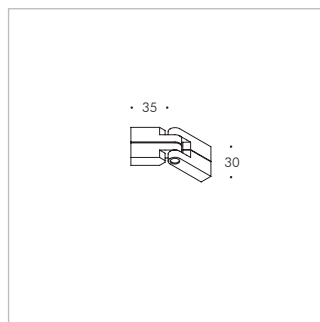
40008
Connessione a soffitto.
Lunghezza 22cm.
Finitura verniciato alluminio.
*Ceiling connector 22cm.
Silver finish.*



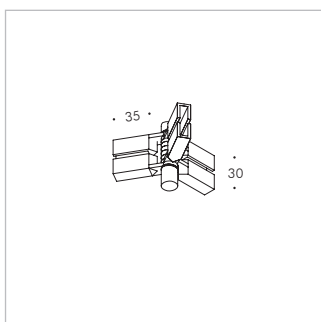
40009
Attacco a soffitto.
Cavo in acciaio 220cm.
Finitura verniciato alluminio.
*Ceiling mounting.
Steel cable 220cm.
Silver finish.*



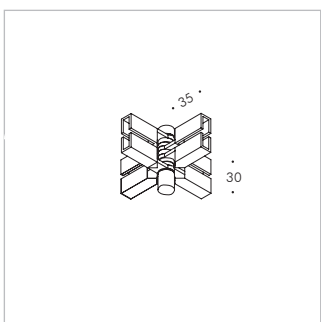
40010 Elettrificato - *Live*
40011 Isolato - *Insulated*
Connessione binario elettrificata o isolata.
Finitura verniciato alluminio.
*Live or insulated track joint.
Silver finish.*



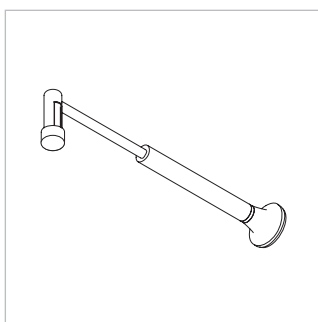
40012
Giunto angolare elettrificato.
Finitura verniciato alluminio.
*Live angular connector.
Silver finish.*



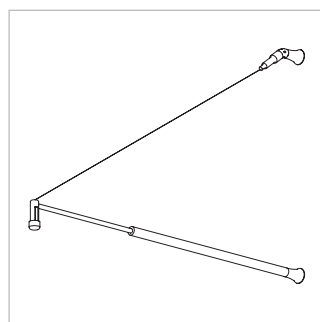
40013
Connessione a 3 vie elettrificata.
Finitura verniciato alluminio.
*Live 3 channels connector.
Silver finish.*



40014
Connessione a 4 vie elettrificata.
Finitura verniciato alluminio.
*Live 4 channels connector.
Silver finish.*



40016
Attacco a parete regolabile 14-24cm.
Finitura verniciato alluminio.
*Adjustable wall connector 14-24cm.
Silver finish.*



40017
Attacco a parete regolabile 42-78cm.
Finitura verniciato alluminio.
*Adjustable wall connector 42-78cm.
Silver finish.*



03.

SISTEMA SU CAVI PROFESSIONAL

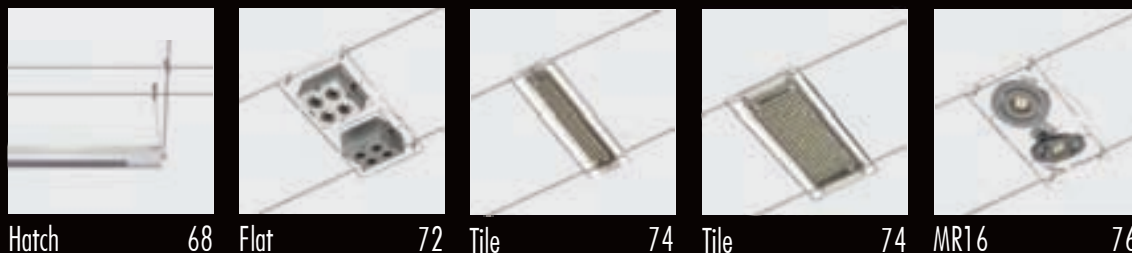
PROFESSIONAL CABLE SYSTEMS

L'utilizzo della tesata in cavo rame è ormai un classico nella progettazione illuminotecnica d'interni. La nostra proposta ne permette l'impiego utilizzando sorgenti LED potenti e versatili, realmente in grado di fornire flussi luminosi importanti e di grande spessore qualitativo. Questi applicativi si configurano facilmente ed hanno impatti estetici notevolmente caratterizzanti. Si lasciano spesso preferire ad altre soluzioni perché esprimono al meglio il concetto di "invisibilità", una volta installati nell'ambiente. Il sistema su tesata 24V DC è protetto contro i sovraccarichi di corrente.

By now, the use of a hollow copper head is an interior lighting design classic.

Our line permits its use with powerful and versatile LED sources that are truly able to supply significant high quality light flows. These applications are easy to configure and provide unique aesthetic impact. They are often preferred over other solutions for their ability to become "invisible" when installed. Hollow copper head is protected against over current.

NEW



Hatch

68

Flat

72

Tile

74

Tile

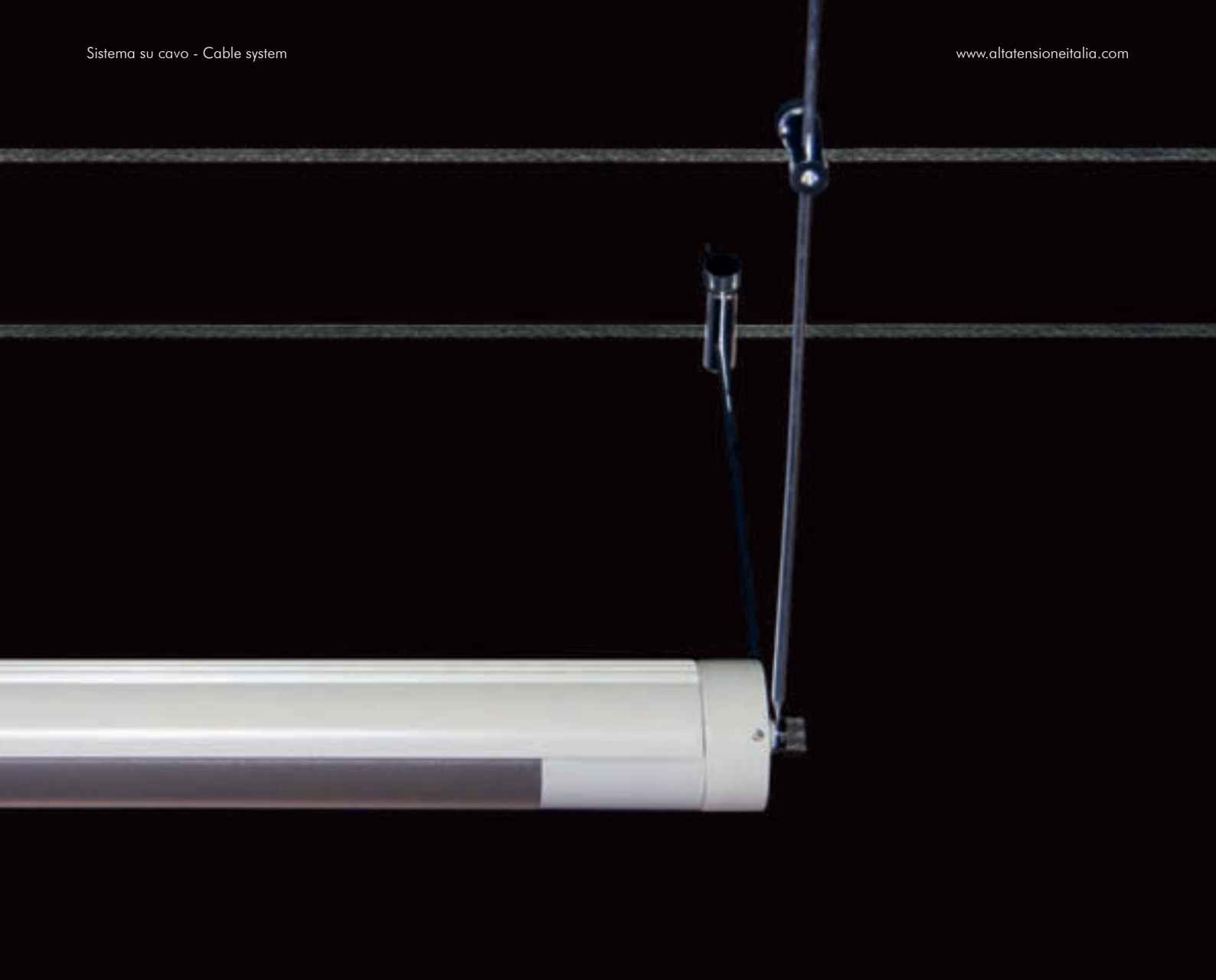
74

MR16

76

Studio Sbrilli,
Tavarnelle Val di Pesa,
Firenze





HATCH

design Daniele Monelli

Apparecchio per illuminazione lineare in interni.

Hatch è un modulo luminoso lineare ideale per l'illuminazione di showroom e retail shop. Il modulo luminoso Hatch utilizza la scheda led Linear Cob di seconda generazione prodotta da Panasonic che in dimensioni ridotte garantisce emissioni di rilievo assoluto.

Le performance di HATCH rinnovano la proposta Altatensione su sistema cavi Professional 24V DC a luce diffusa.

Indoor linear luminaire.

Hatch is a linear lighting module that is ideal for lighting showrooms and retail shops.

The Hatch lighting module uses the second generation Cob Linear LED produced by Panasonic, which provides substantial high quality light flows despite the small size.

The performance of HATCH renews the Altatensione products on Professional 24V DC diffused light cable systems.





L'illuminazione generale di un ambiente garantisce un'illuminazione distribuita uniformemente sufficiente ad una corretta visione da parte dell'utente.

The general lighting of a space provides sufficient uniformly distributed lighting for correct viewing by the user.

CARATTERISTICHE PRINCIPALI:

- 2690 lumen a 3000K
- 2850 lumen a 4000K
- CRI min80 / typ82-84
- Ridotta tolleranza colore 3 McAdams
- Uniformità della temperatura colore
- Accensione istantanea 100%
- Alta efficienza: ridotto assorbimento energetico
- Linear Cob a lunga durata L90, B10
- Bassa resistenza termica del PCB ceramico
- 3 ottiche secondarie disponibili
- IP20 prodotto
- IP40 vano ottico
- Nessuna emissione UV o IR
- Non contiene mercurio
- Rischio fotobiologico: esente
- Facile da installare
- Nessuna manutenzione

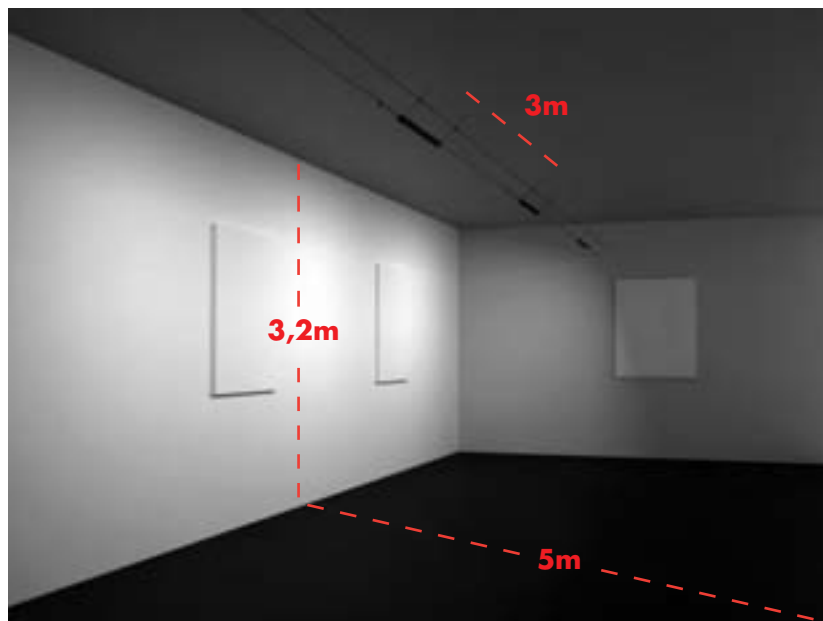
MAIN FEATURES:

- 2690 lumen at 3000K
- 2850 lumen at 4000K
- CRI min80 / typ82-84
- Narrow colour tolerance > 3 McAdams
- Uniformity of colour temperature
- Immediate 100% light, no starting process
- High Efficiency: Less energy consumption
- long service lifetime Linear Cob, L90, B10
- Very low thermal resistance ceramic PCB
- 3 secondary optics available
- IP20 lighting fixture
- IP40 optic module
- No UV or IR emission
- Mercury free
- Photobiologic risk: exempt
- Easy to install
- No maintenance



Museo Primo Conti
Firenze

Museum Primo Conti
Florence

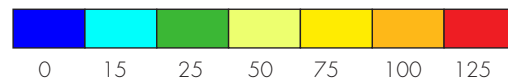
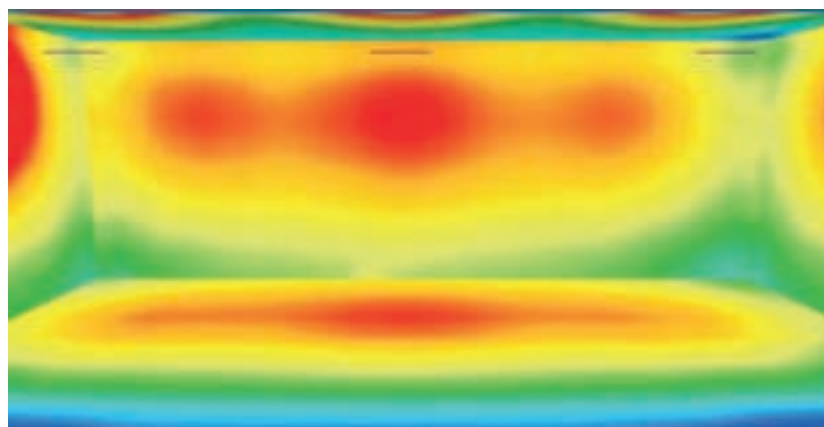


Simulazione Dialux

Utilizzo Hatch spot in ambiente architettonico ad uso retail shop di medio-piccole dimensioni. La simulazione illuminotecnica prende in oggetto un vano largo 5 metri ed alto 3,2 metri, la tesata è installata sull'asse principale dello stesso ed i corpi illuminanti sono posti ad un interasse di 3 metri. Il software di calcolo ha elaborato uno schema a colori sfalzati dove si evince l'omogeneità della luce sulla parete verticale che genera sulla stessa un effetto wall-washer in grado di garantire valori di illuminamento che si aggirano intorno ai 100lux medi.

Dialux simulation

The use of Hatch spots in a small-medium retail shop. The lighting engineering simulation takes a room that is 5 metres wide and 3.2 metres high, the head is installed along its main axis and the luminaires are placed at a centre-to-centre distance of 3 metres. The software has processed an outline with staggered colours where we can notice the homogeneity of the light on the vertical wall that generates a wall-washer effect capable of providing lighting values of around 100 lux.



Uniformità della luce

Hatch sviluppa un fascio luminoso distribuito in modo omogeneo, una reale linea di luce che elimina qualsiasi effetto di multi shadowing.

Homogenous light

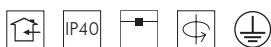
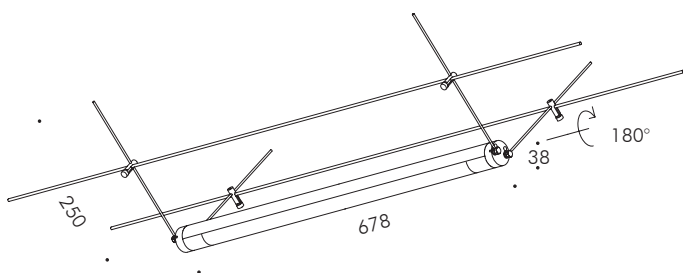
Hatch produce a very homogenous light distribution, one real linear light strip with no or multi shadowing.



HATCH

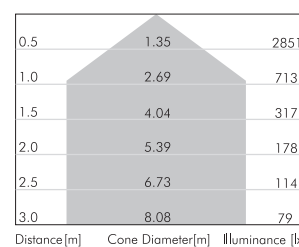
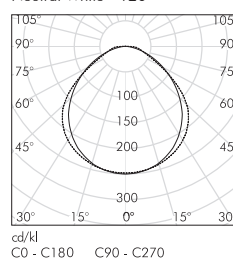
design Daniele Monelli

Hatch e' un modulo luminoso lineare ideale per l'illuminazione di showroom e retail shop.
 Le performance di HATCH rinnovano la proposta Altensione su sistema cavi Professional 24V DC a luce diffusa.
*Hatch is a linear lighting module that is ideal for lighting showrooms and retail shops.
 The performance of HATCH renews the Altensione offerings on Professional 24V DC diffused light cable systems.*



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
41430.785	3000K	2690	80 min.	120°	White	24V DC	30W
41430.786	4000K	2850		120°			

Neutral White - 120°



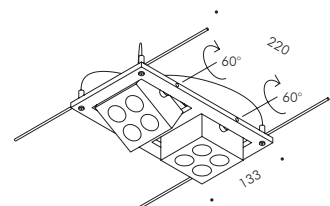


FLAT

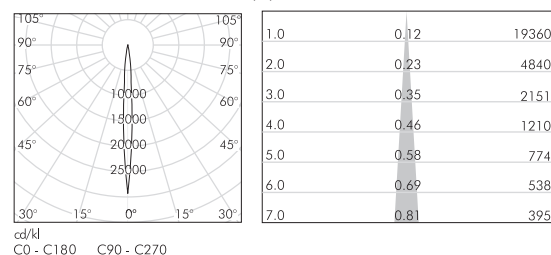
design Daniele Monelli

Spot per illuminazione d'interni costituito da un modulo luminoso singolo o doppio con 4 LED di potenza (a tono caldo o neutro). Monta lenti secondarie a fascio stretto, medio, o largo.

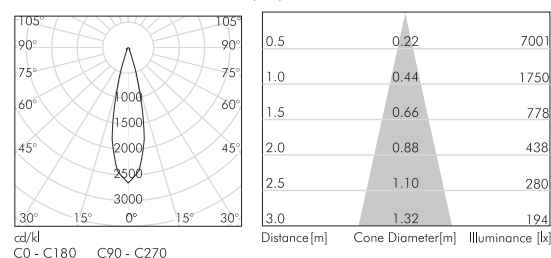
Spot for interior lighting. The single or double light modules consist of 4 power LEDs (warm or neutral tones) managed by latest-generation electronic profiles with secondary, narrow-beam, medium or wide lenses.



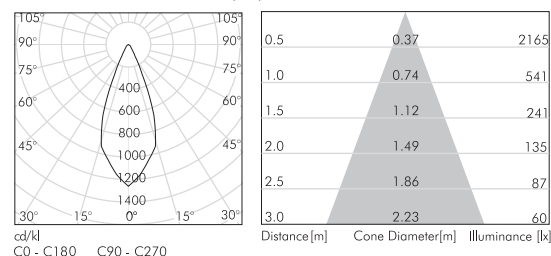
Neutral White 8W - Narrow beam (6°)



Neutral White 8W - Medium beam (24°)



Neutral White 8W - Wide beam (37°)



PHOTOMETRIC DATA USER GUIDE

2x8W

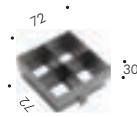
I dati fotometrici si riferiscono al singolo modulo luminoso di base. L'apparecchio si compone di molteplici moduli luminosi da importare singolarmente nel software di calcolo illuminotecnico. The photometric data refers to the single base light module. The luminaire is composed of multiple light modules to be imported individually into the lighting engineering software.



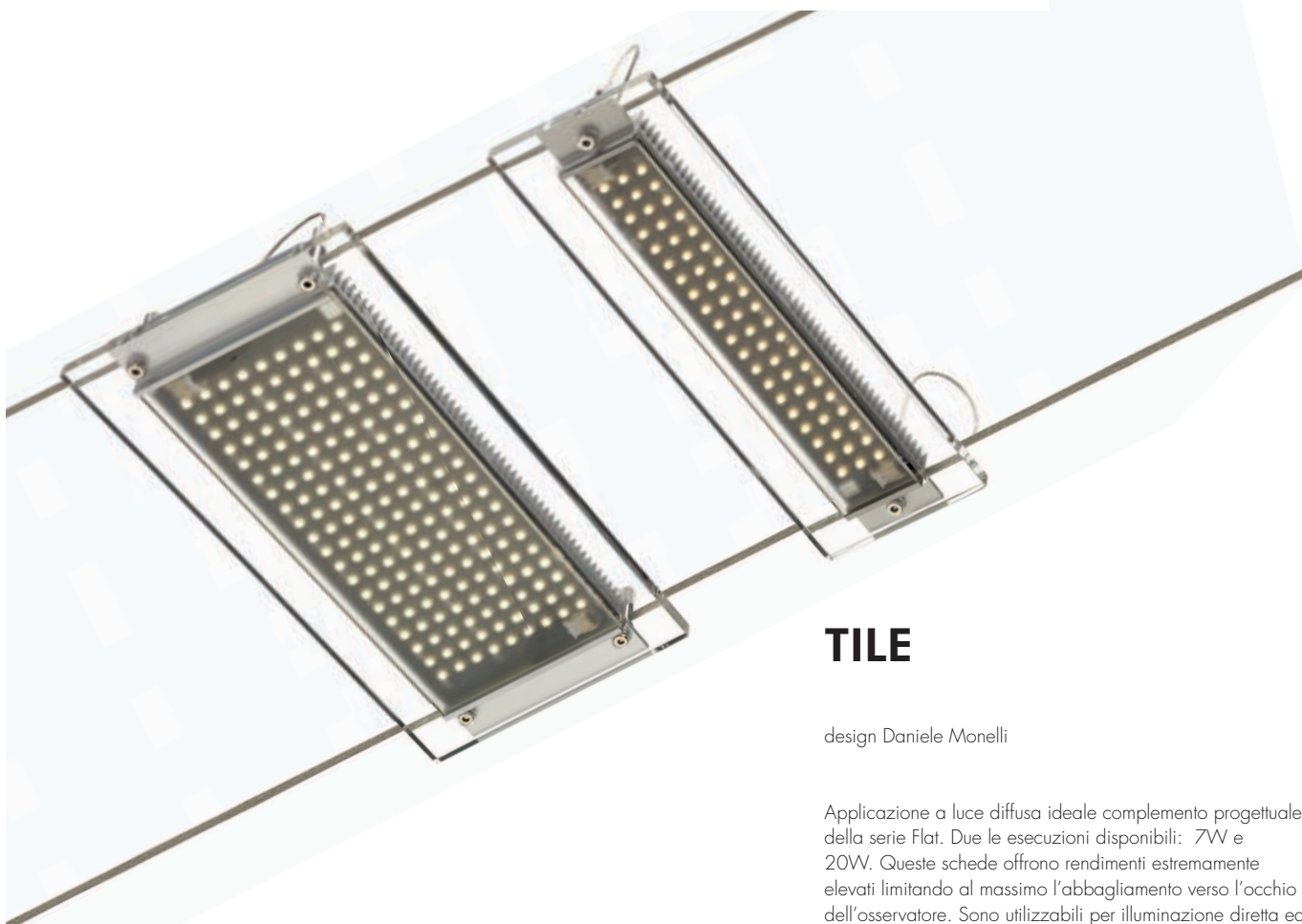
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
41400.715.U10	3150K	1220	93	6°	Silver Transparent Plexiglass	24V DC	16W
41400.715.U11				24°			
41400.715.U12				37°			
41400.716.U10	4325K	1325	93	6°	Silver Transparent Plexiglass	24V DC	16W
41400.716.U11				24°			
41400.716.U12				37°			



Code	Description	Finish
85000	Accessorio darklight Darklight Accessories	Black





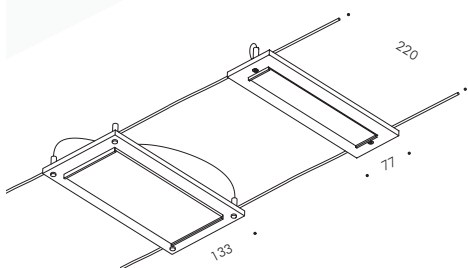


TILE

design Daniele Monelli

Applicazione a luce diffusa ideale complemento progettuale della serie Flat. Due le esecuzioni disponibili: 7W e 20W. Queste schede offrono rendimenti estremamente elevati limitando al massimo l'abbagliamento verso l'occhio dell'osservatore. Sono utilizzabili per illuminazione diretta ed indiretta. I led impiegati appartengono alle migliori selezioni e garantiscono ottimi indici di resa cromatica.

High lumens flux LED indoor use designed to complete the Flat spot range. 2 kinds of power available: 7w and 20w. These elements can offer extremely high emissions. Very low dazzling effect. Can be used for direct and indirect lighting. Special LED selections are used to grant by chromatic render index.

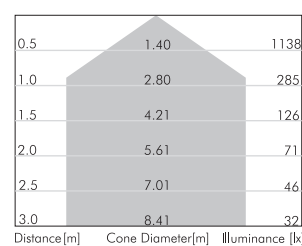
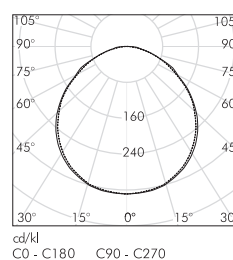


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
41410.735	3000K	275	85	120°	Anodized aluminum Transparent Plexiglass	24V DC	7W
41410.736	4000K	290		120°			



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
41405.730	3000K	830	85	120°	Anodized aluminum Transparent Plexiglass	24V DC	20W
41405.731	4000K	865		120°			

Neutral White - 120°



Ente Cassa di Risparmio.
Firenze.
Spazio Mostre.

Ente Cassa di Risparmio.
Florence.
Exhibition space.

Arch. Luigi Cupellini

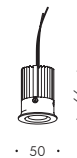
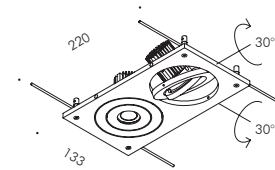


MR16

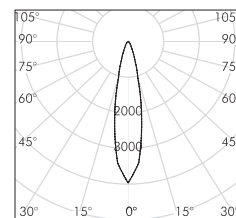
design Nicola Del Lungo

Doppio spot estremamente compatto e potente orientabile sui due assi, verticale ed orizzontale. Permette di gestire il fascio luminoso in modo semplice ed indipendente. L'apparecchio è costituito da un corpo centrale in plexiglass che raccoglie al suo interno le due unità led alimentate dal cavo su cui sono sostenute.

Extremely compact and powerful double spot that can be oriented on two axes, vertical and horizontal. The light band can be managed simply and independently. The device consists of a central body made of Plexiglas that contains the two LED units powered by the cable that supports them.



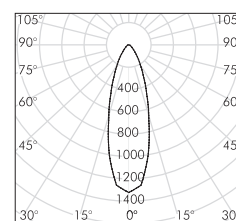
Neutral White - Narrow beam (20°)



cd/kl
C0 - C180 C90 - C270

Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.19	8567
1.0	0.38	2142
1.5	0.57	952
2.0	0.76	535
2.5	0.95	343
3.0	1.14	238

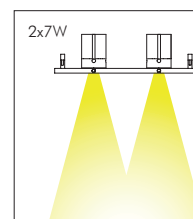
Neutral White - Medium beam (30°)



cd/kl
C0 - C180 C90 - C270

Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.28	2858
1.0	0.56	714
1.5	0.84	318
2.0	1.12	179
2.5	1.41	114
3.0	1.69	79

PHOTOMETRIC DATA USER GUIDE



I dati fotometrici si riferiscono al singolo modulo luminoso di base. L'apparecchio si compone di molteplici moduli luminosi da importare singolarmente nel software di calcolo illuminotecnico. The photometric data refers to the single base light module. The luminaire is composed of multiple light modules to be imported individually into the lighting engineering software.



Code	Description	Finish
41420	Plexiglass basement for MR16 lamp	Silver Transparent Plexiglass

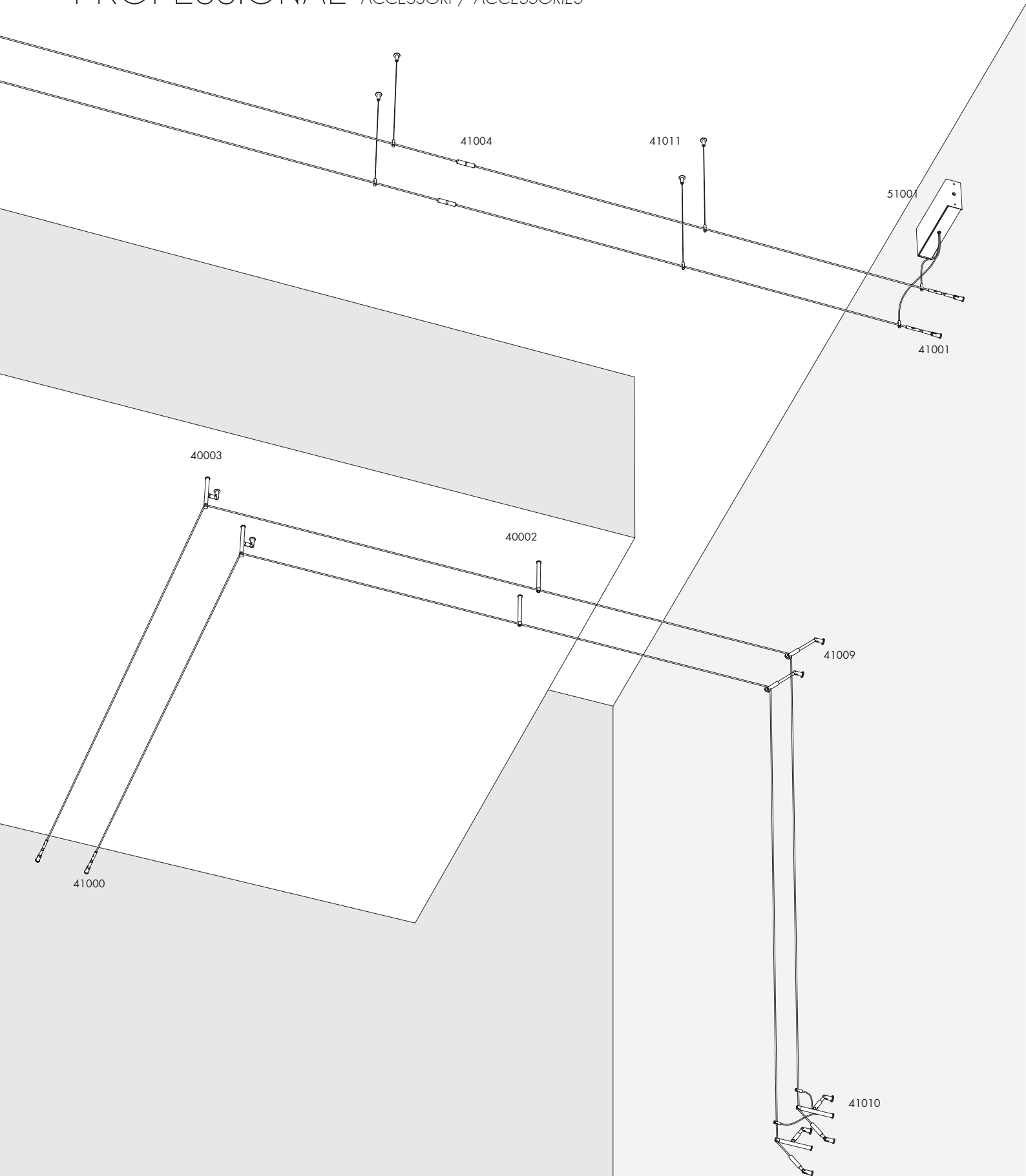
2xMR16 7W included:

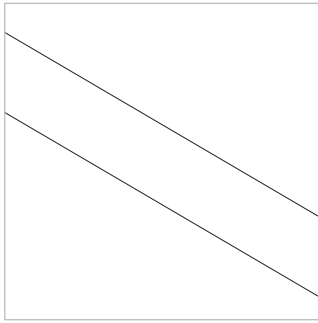


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
85016.U31	4300K	540	-	20°	Silver	24V DC	7W
85016.U32	4300K	540	-	30°			

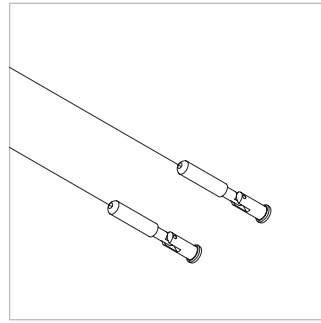


PROFESSIONAL ACCESSORI / ACCESSORIES

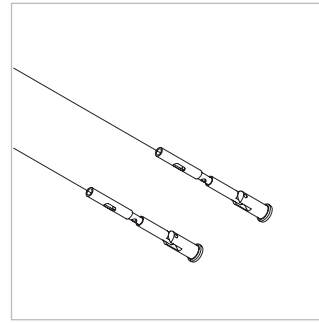




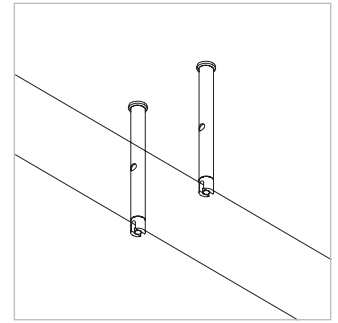
41026 20m
41027 50m
41028 100m
 Cavo non isolato in rame stagnato, finitura "treccia" con diametro di 4mm. Not insulated wire, tinned copper plait, diameter 4mm.



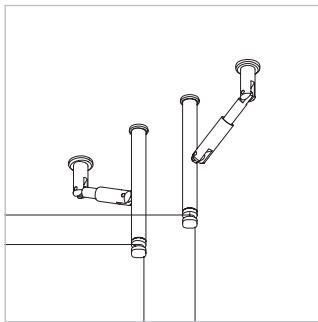
41000
 Coppia di attacchi parete. Finitura cromo. Adattabili per cavo isolato e non isolato. Wall mounting Kit (2 pcs). Chrome finish. Adjustable for insulated and not insulated wire.



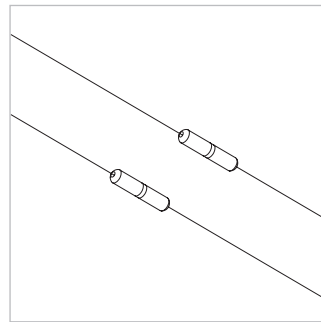
41001
 Coppia di tiranti regolabili. Finitura cromo. Adattabili per cavo in rame isolato e non isolato (2 pcs - 6mm). Adjustable wall tensor Kit for copper cable (2 pcs - 6mm). Chrome finish. Adjustable for insulated and not insulated wire.



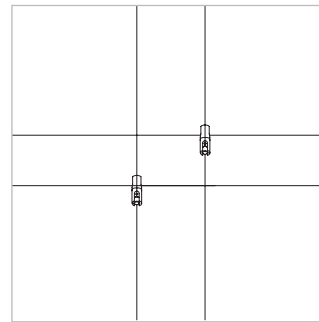
41002
 Coppia di distanziatori parete/soffitto (2 pcs - 15cm). Finitura cromo. Spacers wall/ceiling (2 pcs - 15cm). Chrome finish.



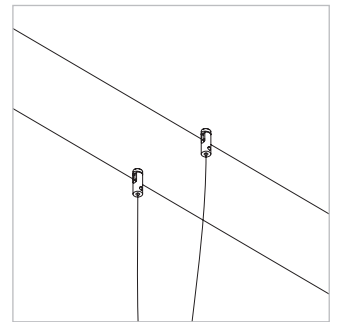
41003
 Coppia di attacchi angolari parete/soffitto (2 pcs - 15cm). Consente di realizzare curve di diversa ampiezza. Finitura cromo. Wall/ceiling mounting for curve lines of different width (2 pcs - 15cm). Chrome finish.



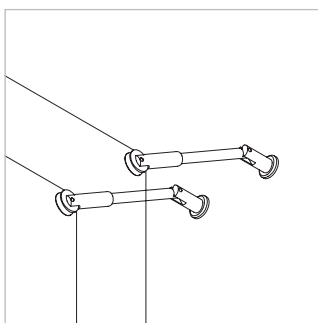
41004 elettrificata/live
41005 isolata/insulated
 Coppia di giunti elettrificati o isolati. Finitura cromo. Electrified or insulated joint connectors (2 pcs). Chrome finish.



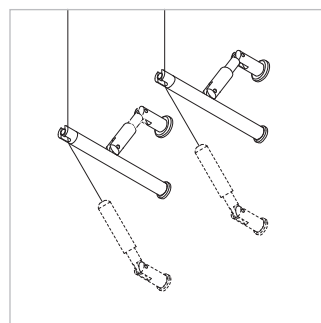
41006 elettrificata/live
41007 isolata/insulated
 Coppia connessione "X" elettrificata o isolata. Finitura cromo. Electrified or insulated "X" joint connectors (2 pcs). Chrome finish.



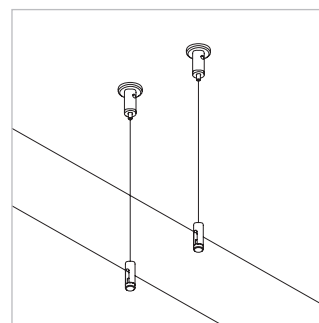
41008
 Coppia di morsetti di alimentazione. Finitura cromo. Live end connectors (2 pcs). Chrome finish.



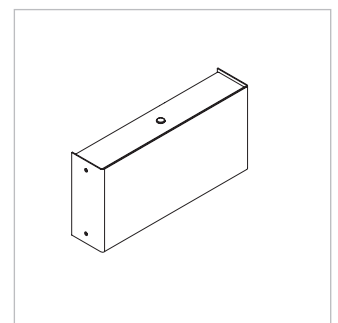
41009
 Coppia di distanziatori regolabili con carrucola. Consentono di creare angoli nelle linee. Finitura cromo. Adjustables spacers (2 pcs) with pulley for lines with angles. Chrome finish.



41010
 Coppia di attacchi parete/soffitto (15cm). Consente di realizzare inizio e fine tesata. Finitura cromo. Wall/ceiling mounting (2 pcs) for start/end of an installation. Chrome finish.



41011
 Coppia distanziatore-sostegno tesata. Cavo in acciaio 200 cm. Finitura cromo. Ceiling spacers (2 pcs). Steel cable 200 cm. Chrome finish.



51001 White
51002 Silver
 Box in metallo applicazione parete per alimentatore 24V DC. Wall mounting metal box for 24V DC applications. 311,5x152x66mm



04.

SOSPENSIONI

PENDANT

Le installazioni con apparecchi a sospensione, collocabili al centro della scena architettonica oppure in corrispondenza di piani d'appoggio, rappresentano una delle classiche soluzioni nell'illuminazione d'interni. I prodotti con estetiche minimali ma fortemente espressive, abbinati ad ottiche spot oppure emissione diffusa, si prestano idealmente alla soluzione dei temi più comuni dell'illuminazione ambientale. Luci d'accento precise e puntuali, flussi morbidi ed importanti necessari all'illuminamento di base possono connotare piacevolmente lo spazio in ambienti domestici, aree di lavoro e contract.

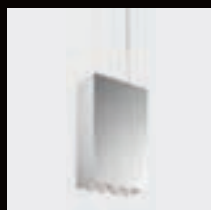
Installations using suspended fixtures that can be placed in the centre of the architectural setting, or over support surfaces, are one of the classic interior lighting solutions. They are highly expressive products with minimal aesthetics, combined with spot optics or diffused lighting, that are the ideal solution for the most common ambient lighting problems. Precise points of accent lighting and the gentle but significant flows necessary for basic illumination can pleasantly define residential, work and contract areas.

NEW



Link 14

82



Flat

85



Linear 16

86





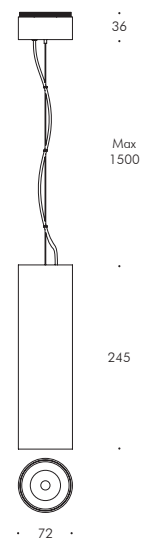
LINK 14

design Nicola Del Lungo

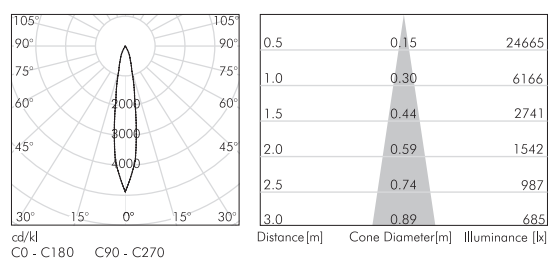
Sospensione cilindrica in alluminio per illuminazione d'interni dal design minimale.

Disponibile nei toni caldi e neutro, con riflettori nei tre fasci luminosi principali: *stretto, medio e largo*.

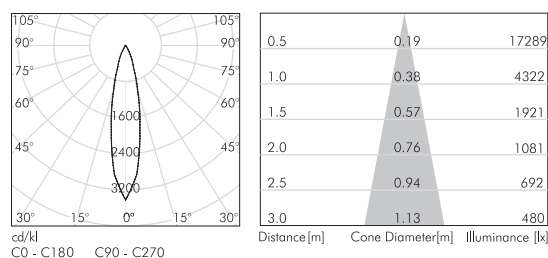
Minimal design cylindrical aluminium suspensions to light interiors. Available in warm and neutral tones in the three main light beams: narrow, medium and wide.



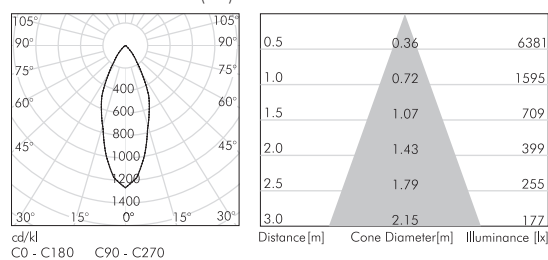
Neutral White - Narrow beam (15°)



Neutral White - Medium beam (25°)



Neutral White - Wide beam (40°)



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
20535.757.U55	3000K	1235	80 min.	15°	White	220 240V	14W
20535.757.U56				25°			
20535.757.U57				40°			
20535.758.U55	4000K	1262		15°			
20535.758.U56				25°			
20535.758.U57				40°			

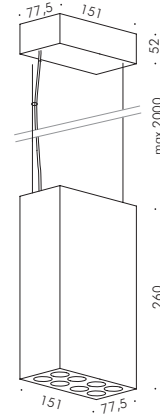




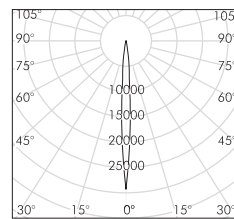
FLAT

design Daniele Monelli

Sospensione a sezione quadrata in alluminio.
Disponibile con ottica secondaria stretta, media e larga.
Minimal design square aluminium. suspension. Available in
the three main light beams: narrow, medium and wide.



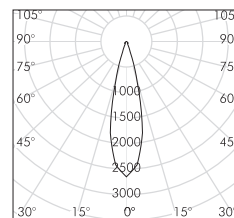
Neutral White 8W - Narrow beam (6°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.12	19360
2.0	0.23	4840
3.0	0.35	2151
4.0	0.46	1210
5.0	0.58	774
6.0	0.69	538
7.0	0.81	395

cd/kl C0 - C180 C90 - C270

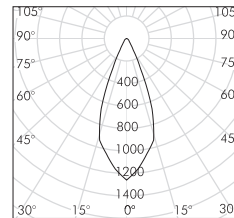
Neutral White 8W - Medium beam (24°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.22	7000
1.0	0.44	1750
1.5	0.66	778
2.0	0.88	438
2.5	1.10	280
3.0	1.32	194

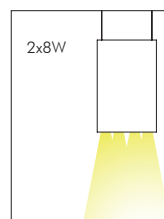
cd/kl C0 - C180 C90 - C270

Neutral White 8W - Wide beam (37°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.37	2165
1.0	0.74	541
1.5	1.12	241
2.0	1.49	135
2.5	1.86	87
3.0	2.23	60

PHOTOMETRIC DATA USER GUIDE



I dati fotometrici si riferiscono al singolo modulo luminoso di base.
L'apparecchio si compone di molteplici moduli luminosi da importare singolarmente nel software di calcolo illuminotecnico.
The photometric data refers to the single base light module.
The luminaire is composed of multiple light modules to be imported individually into the lighting engineering software.



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
20505.710.U10	3150K	1220	93	6°	Silver	220 240V	16W
20505.710.U11				24°			
20505.710.U12				37°			
20505.711.U10	4325K	1320	93	6°	Silver	220 240V	16W
20505.711.U11				24°			
20505.711.U12				37°			

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
20506.710.U10	3150K	1220	93	6°	White	220 240V	16W
20506.710.U11				24°			
20506.710.U12				37°			
20506.711.U10	4325K	1320	93	6°	White	220 240V	16W
20506.711.U11				24°			
20506.711.U12				37°			



Code	Description	Finish
85000	Accessorio darklight Darklight Accessories	Black

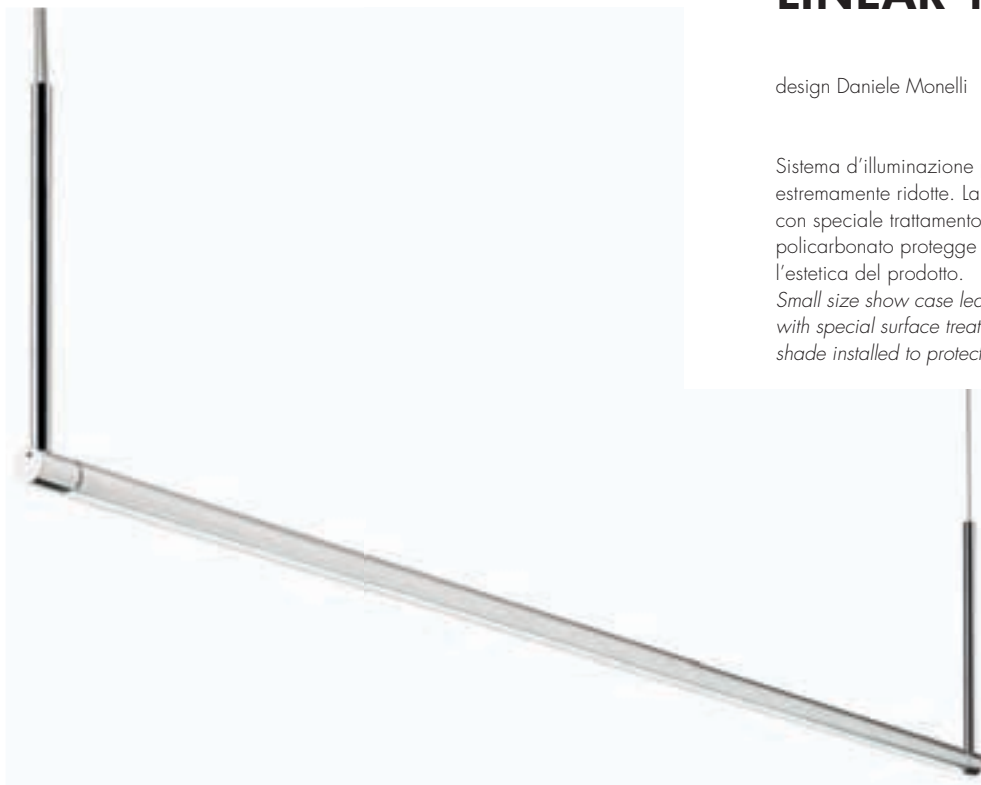


LINEAR 16

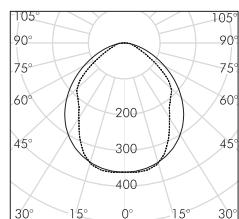
design Daniele Monelli

Sistema d'illuminazione per vetrine dalle dimensioni estremamente ridotte. La sorgente è realizzata in alluminio con speciale trattamento di superficie. Uno schermo in policarbonato protegge le parti elettroniche e completa l'estetica del prodotto.

Small size show case led lighting system. Aluminum housing with special surface treatment. Transparent polycarbonate shade installed to protect electronic board.



Neutral White - (100°)



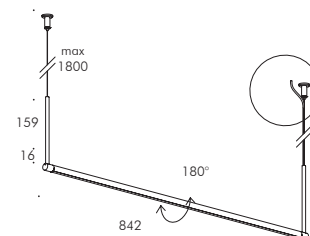
0.5	1.04	995
1.0	2.08	249
1.5	3.12	111
2.0	4.16	62
2.5	5.20	40
3.0	6.23	28

cd/kl
C0 - C180 C90 - C270

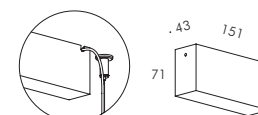
Distance [m] Cone Diameter [m] Illuminance [lx]

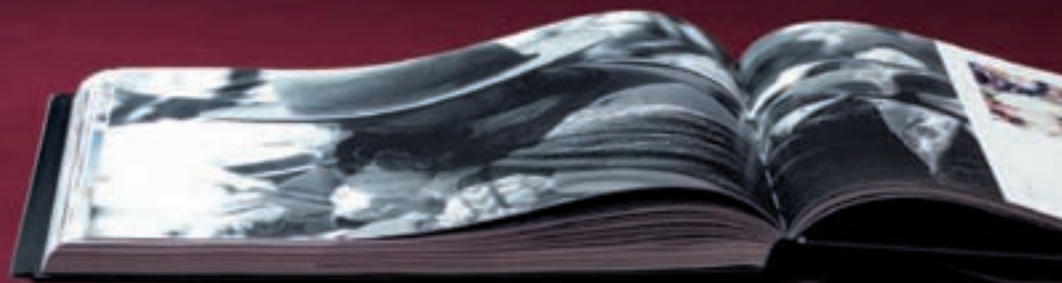


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
44220.700	3000K	660	85	100°	Bright silver anodized Light frosted	24V DC	14,4W
44220.701	4000K	690		100°			



Code	Description	Finish	Input	Output	Power
44225	Kit alimentazione Power supply kit	Bright silver anodized	220-240V	24V DC	16,8





05.

PARETE SOFFITTO

WALL CEILING

Nella gestione dei progetti illuminotecnici pareti e soffitti rappresentano luoghi ideali dai quali originare i flussi luminosi. Una serie di apparecchi esteticamente gradevoli, facili e semplici da installare fanno parte della proposta del nostro catalogo. Viene data grande attenzione al design ed alla ricerca formale, alla qualità dei materiali, delle componenti elettriche ed elettroniche. Diversificata la varietà e qualità degli effetti luce ottenibili per la caratterizzazione di spazi ed illuminazione ambientale.

In the management of lighting projects, the walls and ceilings are the ideal places for originating light flows. Our catalogue offering includes a series of aesthetically-pleasing fixtures that are easy and simple to install. Great attention has been paid to design and formal research, the quality of the materials and their electrical and electronic components. They provide a wide variety and quality of light effects than can be obtained for the definition of spaces and ambient lighting.

NEW

NEW



Link 14 90



Link 14 91



Diamond 92



Reflector 95



Refl.Up-down 96



Linear5555 99



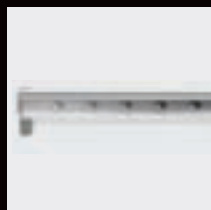
Flat 101



Flat 104



Tile 109



Linear30 111

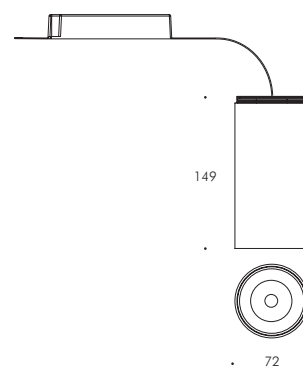


LINK14

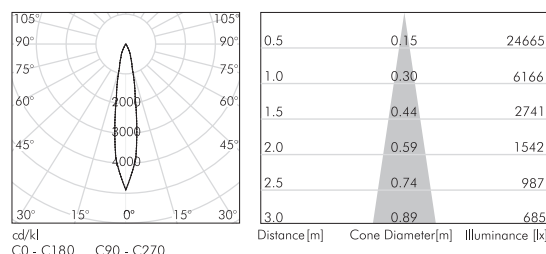
design Nicola Del Lungo



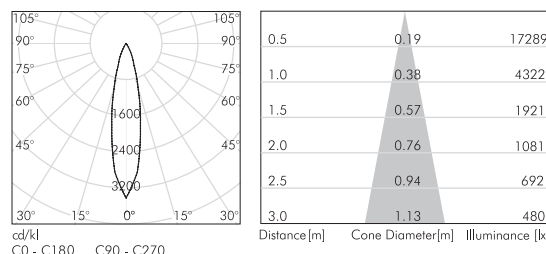
Plafone per illuminazione d'interni di notevole potenza. Link14 è una famiglia di prodotti a LED concepita e sviluppata sul concetto di modularità.
Powerful wall-ceiling light for interiors. Link14 is a range of LED products designed and developed around the concept of modularity.



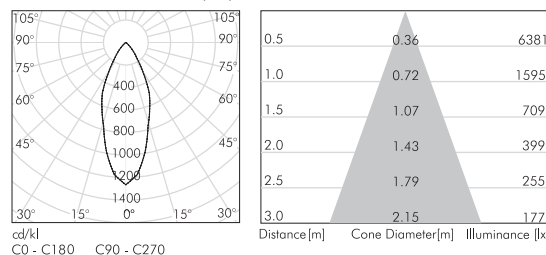
Neutral White - Narrow beam (15°)



Neutral White - Medium beam (25°)



Neutral White - Wide beam (40°)



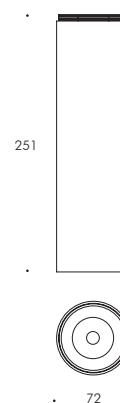
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
20410.757.U55	3000K	1235	80 min.	15°	White	220 240V	14W
20410.757.U56				25°			
20410.757.U57				40°			
20410.758.U55	4000K	1262		15°			
20410.758.U56				25°			
20410.758.U57				40°			



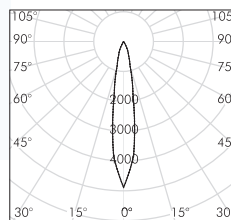
LINK14

design Nicola Del Lungo

Plafone per illuminazione d'interni di notevole potenza. Link14 è una famiglia di prodotti a LED concepita e sviluppata sul concetto di modularità.
Powerful wall-ceiling light for interiors.
Link14 is a range of LED products designed and developed around the concept of modularity.



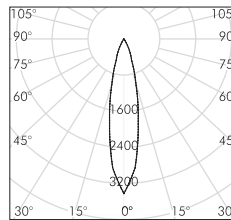
Neutral White - Narrow beam (15°)



cd/kl
C0 - C180 C90 - C270

Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.15	24665
1.0	0.30	6166
1.5	0.44	2741
2.0	0.59	1542
2.5	0.74	987
3.0	0.89	685

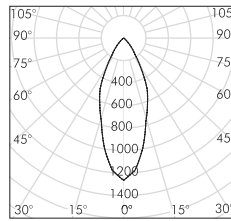
Neutral White - Medium beam (25°)



cd/kl
C0 - C180 C90 - C270

Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.19	17289
1.0	0.38	4322
1.5	0.57	1921
2.0	0.76	1081
2.5	0.94	692
3.0	1.13	480

Neutral White - Wide beam (40°)



cd/kl
C0 - C180 C90 - C270

Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.36	6381
1.0	0.72	1595
1.5	1.07	709
2.0	1.43	399
2.5	1.79	255
3.0	2.15	177



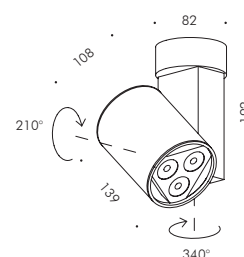
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
20415.757.U55	3000K	1235	80 min.	15°	White	220 240V	14W
20415.757.U56				25°			
20415.757.U57				40°			
20415.758.U55	4000K	1262		15°			
20415.758.U56				25°			
20415.758.U57				40°			

DIAMOND

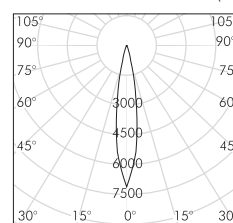
design Daniele Monelli

Apparecchio per illuminazione d'interni di notevole potenza. Particolarmente adatto nell'illuminazione di show room, retail ed ambienti ove si richieda potenza, costanza e controllo dei flussi luminosi tipici del proiettore Diamond. Elevato indice di resa cromatica. La gamma prevede versioni monocromatiche in tonalità calda e neutra.

Hi power LED spot. Diamond can be really used to replace high power traditional lighting system (show rooms, retail shops and large exhibition hall). High chromatic render index. This projector available with neutral and warm white emission.



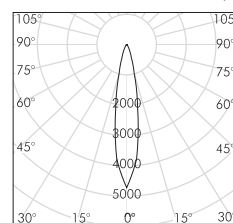
Neutral White - Narrow beam (10°)



cd/kl
C0 - C180 C90 - C270

Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.29	13882
2.0	0.58	3471
3.0	0.88	1542
4.0	1.17	868
5.0	1.46	555

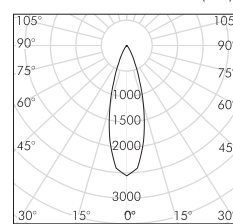
Neutral White - Medium beam (20°)



cd/kl
C0 - C180 C90 - C270

Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.32	9214
2.0	0.65	2303
3.0	0.97	1024
4.0	1.30	576
5.0	1.62	369

Neutral White - Wide beam (35°)



cd/kl
C0 - C180 C90 - C270

Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.27	19952
1.0	0.54	4988
1.5	0.80	2217
2.0	1.07	1247
2.5	1.34	798
3.0	1.61	554



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
20350.740.U50	3000K	1680	85	10°	Silver	220 240V	26W
20350.740.U51				20°			
20350.740.U52				35°			
20350.741.U50	4000K	1950	85	10°	Silver	220 240V	26W
20350.741.U51				20°			
20350.741.U52				35°			



Chiesa di Lora, Como
Church of Lora, Como

Project: Geom. Giampaolo Antonini
Lighting project: Arch. Michela Viola

Luce liturgica, simbolica ed architettonica

Il tipo di illuminazione è stata pensata in rapporto al comfort percettivo e al compito visivo, alla funzione, all'effetto estetico, al tipo d'atmosfera ambientale e al rispetto dei valori cromatici, artistici ed architettonici. La luce artificiale quindi interagisce con tre importanti valenze: quella liturgica, simbolica ed architettonica.

Light liturgical, symbolic and architectural

The type of lighting has been designed in relation to comfortable perception, visual task, function and aesthetic impression; the type of environmental atmosphere, the respect of color, artistic and architectural values. Artificial light thus interacts with three important elements: liturgical, symbolic and architectural.

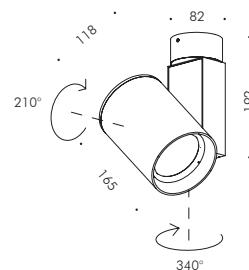




REFLECTOR

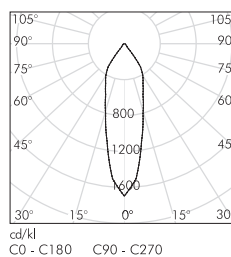
design Nicola Del Lungo

Apparecchio per illuminazione d'interni con parabola in alluminio. Reflector si propone quale naturale completamento allo spot Diamond. Anche questo led offre elevato indici di resa cromatica. La gamma prevede versioni monocromatiche in tonalità calda e neutra.
The new Reflector for indoor use complete the spot range offering wide and powerful beam lumen output. Wide range of monochromatic emissions available. The new range Diamond is available as downlight application, pendant, ceiling and eurotrack version.



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
20371.755.U70	3000K	1300	90	28°	Silver	220 240V	20W
20371.756.U70	4000K	1420		28°			

Neutral White - 28°

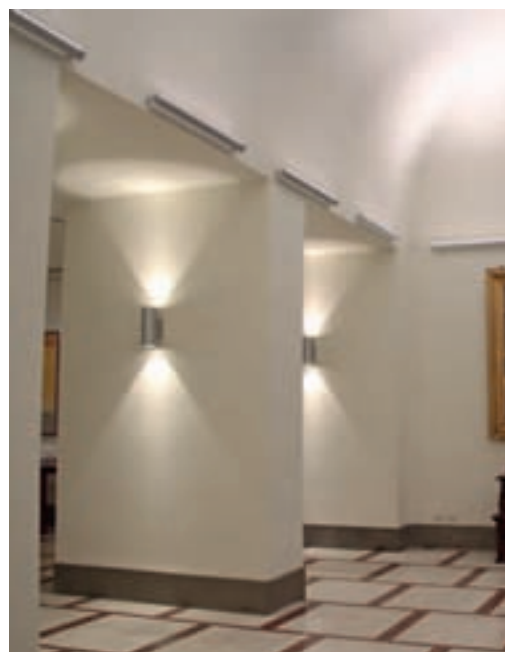
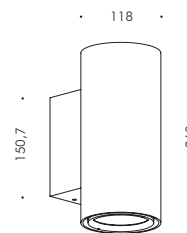


Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.25	9667
1.0	0.51	2417
1.5	0.76	1074
2.0	1.01	604
2.5	1.27	387
3.0	1.52	269

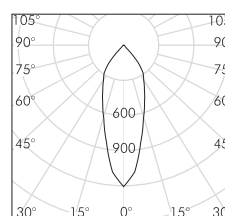
REFLECTOR up-down

design Nicola Del Lungo

Apparecchio per illuminazione d'interni con parabola in alluminio. Doppia emissione. La gamma prevede versioni monocromatiche in tonalità calda e neutra.
The new Reflector for indoor use complete the spot range offering wide and powerful beam lumen output. Wide range of monochromatic emissions available. Double emission.



Neutral White - 28°



cd/kl
 C0 - C180 C90 - C270

PHOTOMETRIC DATA USER GUIDE

2x13W



I dati fotometrici si riferiscono al singolo modulo luminoso di base.
 L'apparecchio si compone di molteplici moduli lumini da importare singolarmente nel software di calcolo illuminotecnico.
The photometric data refers to the single base light module.
The luminaire is composed of multiple light modules to be imported individually into the lighting engineering software.



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
20375.755.U70	3000K	2600	90	28°	Silver	220	26W
20375.756.U70	4000K	2840		28°		240V	

Ente Cassa di Risparmio.
Spazio mostre.
Firenze

Ente Cassa di Risparmio
Exhibit space.
Florence

Arch. Luigi Cupellini



Ente Cassa di Risparmio
Spazio mostre
Firenze

Ente Cassa di Risparmio
Exhibit space
Florence

Arch. Luigi Cupellini



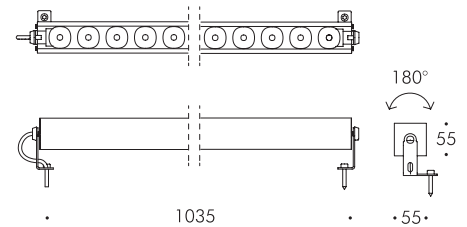
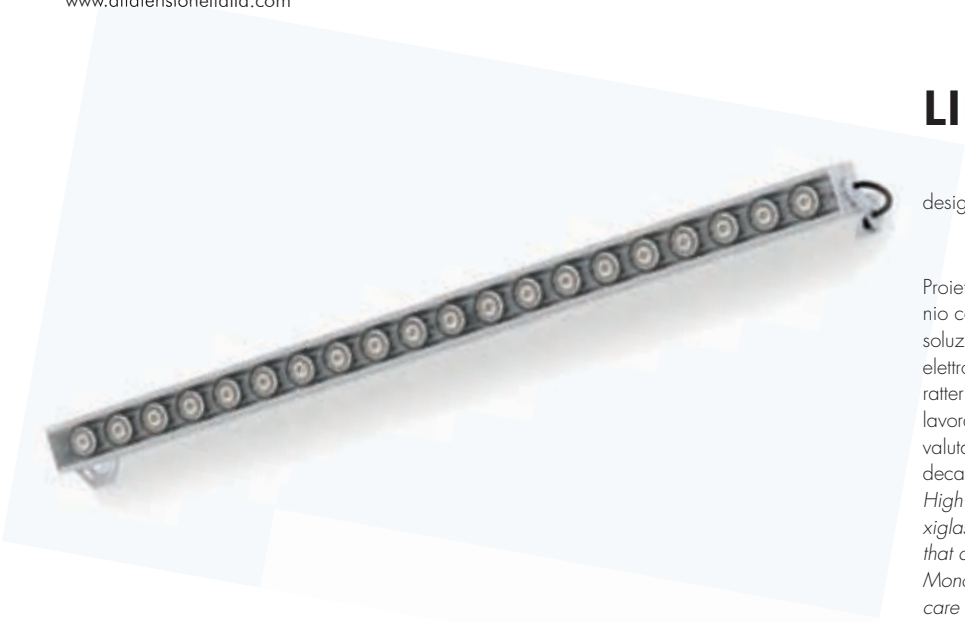
LINEAR 5555

design Daniele Monelli

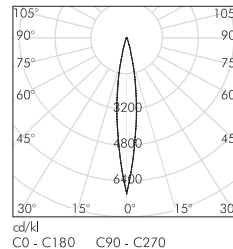
Proiettore per interni di notevole potenza realizzato in alluminio con plexiglass frontale. La gamma prevede due diverse soluzioni integrabili tra loro e completamente gestibili con elettroniche specifiche. Bianco monocromatico ed RGB caratterizzano la proposta. Le meccaniche sono realizzate con lavorazioni impeccabili. Le termiche sono state attentamente valutate per garantire l'ottimizzazione dei flussi, assenza di decadimento precoce e durabilità nel tempo.

High power indoor projector, aluminium body and front plexiglass protection. This range have several electronic profiles that could be integrated one each other.

Monochromatic white and RGB are also available. Best care and attention have been made on mechanical works as well as thermal management. Our products can grant best performance and long life.

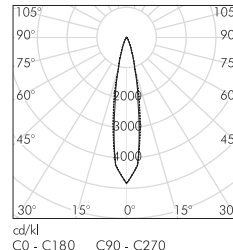


Neutral White - Narrow beam (10°)



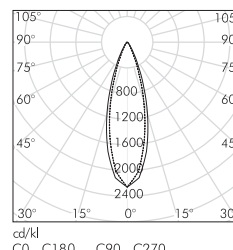
Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.25	22955
2.0	0.51	5739
3.0	0.76	2551
4.0	1.01	1435
5.0	1.26	918
6.0	1.52	638
7.0	1.77	468

Neutral White - Medium beam (25°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.37	6972
2.0	0.73	1743
3.0	1.10	775
4.0	1.47	436
5.0	1.84	279

Neutral White - Wide beam (35°)



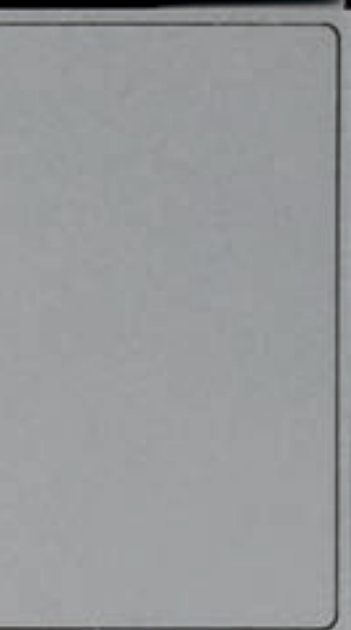
Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.49	7451
2.0	0.99	1863
3.0	1.48	828
4.0	1.98	466
5.0	2.47	298



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
20385.725.U80	3150K	3050	93	10°	Silver and clear painted aluminum	48V DC	40W
20385.725.U81				25°			
20385.725.U82				35°			
20385.726.U80	4325K	3300	93	10°			
20385.726.U81				25°			
20385.726.U82				35°			



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
20386.727.U83	RGB	-	93	35°	Silver and clear painted aluminum	24V DC	60W



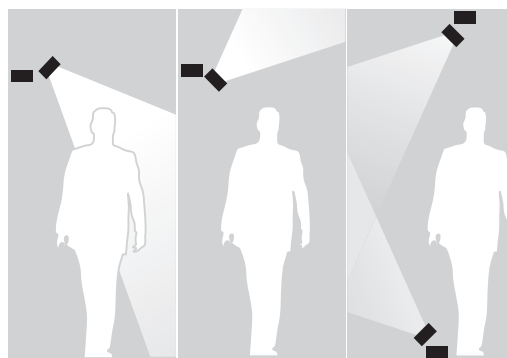
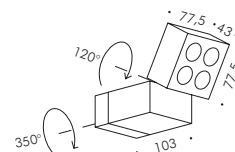
FLAT

design Daniele Monelli



Apparecchio per illuminazione d'interni costituito da un modulo luminoso singolo o doppio con 4 LED di potenza (a tono caldo o neutro). Monta lenti secondarie a fascio stretto, medio, o largo.

Spot for interior lighting. The single or double light modules consist of 4 power LEDs (warm or neutral tones) managed by latest-generation electronic profiles with secondary, narrow-bad, medium or wide lenses.



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
20300.710.U10	3150K	610	93	6°	Silver	220 240V	8W
20300.710.U11				24°			
20300.710.U12				37°			
20300.711.U10	4325K	660	93	6°	Silver	220 240V	8W
20300.711.U11				24°			
20300.711.U12				37°			

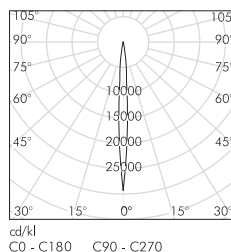
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
20301.710.U10	3150K	610	93	6°	White	220 240V	8W
20301.710.U11				24°			
20301.710.U12				37°			
20301.711.U10	4325K	660	93	6°	White	220 240V	8W
20301.711.U11				24°			
20301.711.U12				37°			



Code	Description	Finish
85000	Accessorio darklight Darklight Accessories	Black

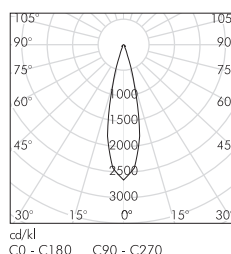


Neutral White - Narrow beam (6°)



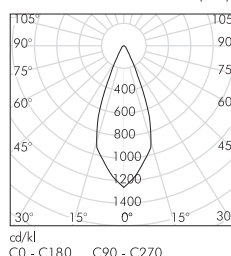
Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.12	19360
2.0	0.23	4840
3.0	0.35	2151
4.0	0.46	1210
5.0	0.58	774
6.0	0.69	538
7.0	0.81	395

Neutral White - Medium beam (24°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.22	7001
1.0	0.44	1750
1.5	0.66	778
2.0	0.88	438
2.5	1.10	280
3.0	1.32	194

Neutral White - Wide beam (37°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.37	2165
1.0	0.74	541
1.5	1.12	241
2.0	1.49	135
2.5	1.86	87
3.0	2.23	60





Oratorio Di Santa Caterina

Realizzazione prodotto custom

Sulla base del vecchio impianto di illuminazione sono stati posizionati nuovi steli in metallo a sostegno di gruppi di spot che generano una luce mirata, puntuale, molto precisa e focalizzata nei punti da far risaltare.

Questa soluzione è risultata uno strumento duttile all'interno del museo e ha permesso di creare giochi di ombre ed effetti scenografici di luce per illuminare i suggestivi spazi architettonici interni dell'Oratorio.

Creating a customised product

New metal stalks have been positioned on the base of the old lighting equipment supporting spot units that generate a targeted, very precise light focused on the points to be highlighted.

This solution is a flexible tool inside the museum and has allowed plays of shadows and scenographic light effects to be created to illuminate evocative architectural spaces inside the Oratorio.

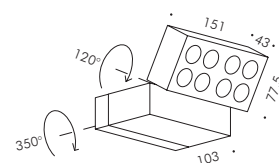


FLAT

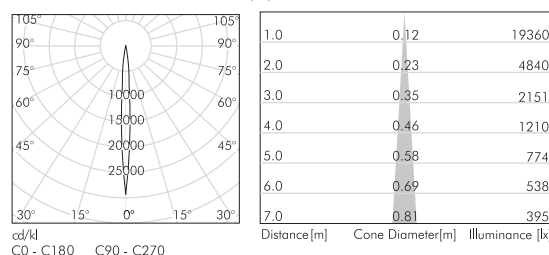
design Daniele Monelli

Apparecchio per illuminazione d'interni costituito da un modulo luminoso singolo o doppio con 4 LED di potenza (a tono caldo o neutro). Monta lenti secondarie a fascio stretto, medio, o largo.

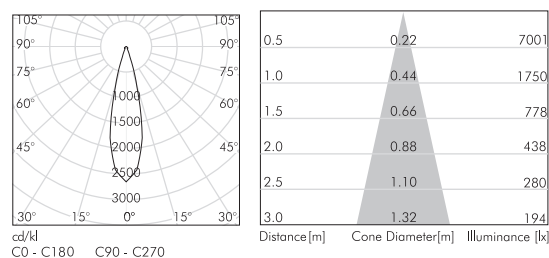
Spot for interior lighting. The single or double light modules consist of 4 power LEDs (warm or neutral tones) managed by latest-generation electronic profiles with secondary, narrow-beam, medium or wide lenses.



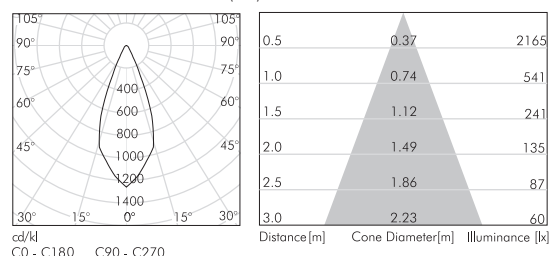
Neutral White 8W - Narrow beam (6°)



Neutral White 8W - Medium beam (24°)



Neutral White 8W - Wide beam (37°)



PHOTOMETRIC DATA USER GUIDE

2x8W

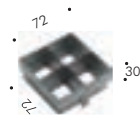
I dati fotometrici si riferiscono al singolo modulo luminoso di base. L'apparecchio si compone di molteplici moduli luminosi da importare singolarmente nel software di calcolo illuminotecnico. The photometric data refers to the single base light module. The luminaire is composed of multiple light modules to be imported individually into the lighting engineering software.

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
20305.710.U10	3150K	1220	93	6°	Silver	220 240V	16W
20305.710.U11				24°			
20305.710.U12				37°			
20305.711.U10	4325K	1320	93	6°	Silver	220 240V	16W
20305.711.U11				24°			
20305.711.U12				37°			

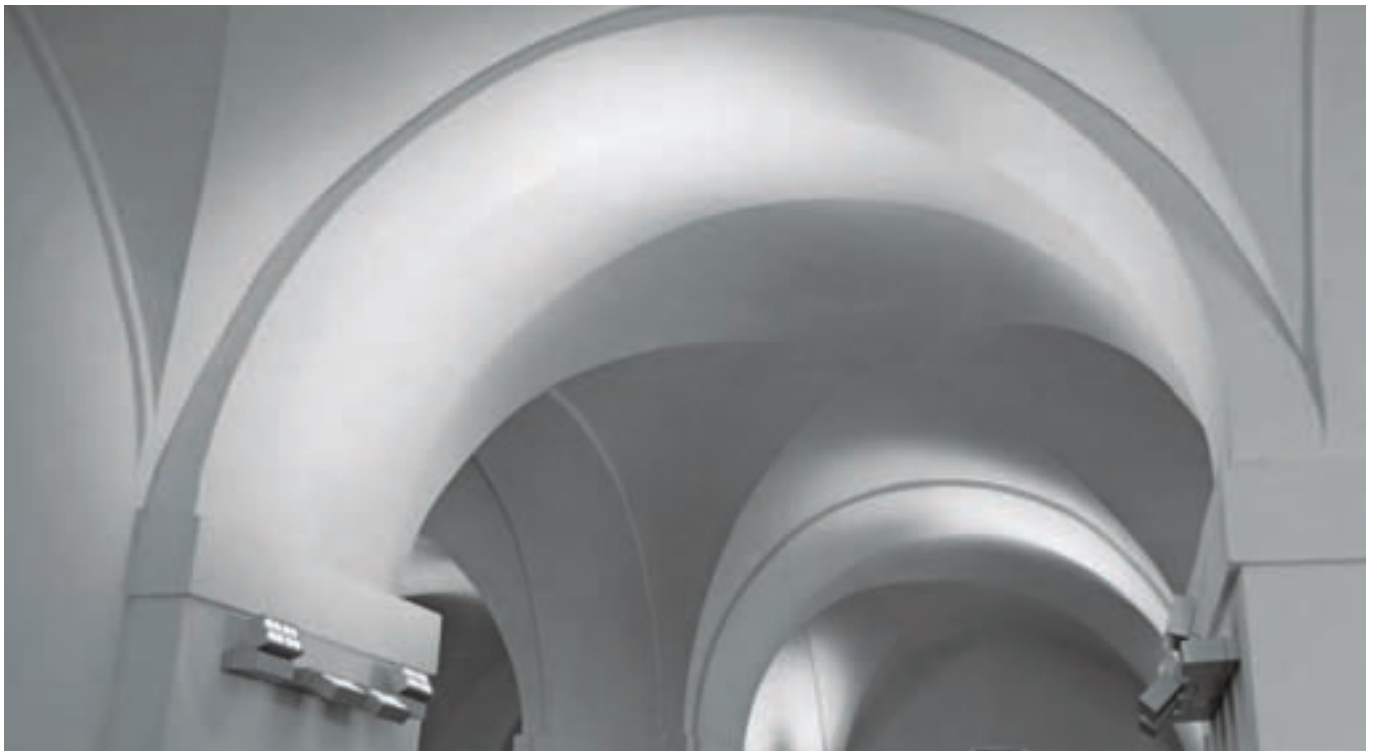
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
20306.710.U10	3150K	1220	93	6°	White	220 240V	16W
20306.710.U11				24°			
20306.710.U12				37°			
20306.711.U10	4325K	1320	93	6°	White	220 240V	16W
20306.711.U11				24°			
20306.711.U12				37°			



Code	Description	Finish
85000	Accessorio darklight Darklight Accessories	Black









Palazzo Comunale
Orbetello

Council Building
Orbetello

Arch. M. Di Benedetto



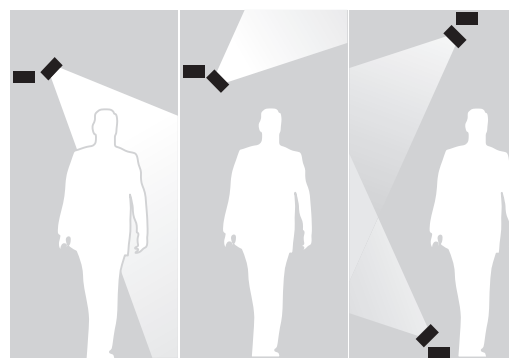
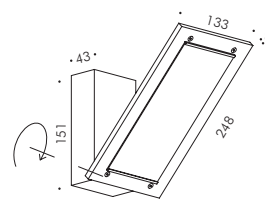


TILE

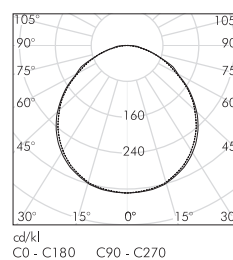
design Daniele Monelli

Applicazione a luce diffusa (emissione 120°) disponibile in versione 7W e 20W. Sono utilizzabili per illuminazione diretta ed indiretta.

Hi lumens flux LED (120° emission) indoor. 2 kinds of power available: 7W and 20W. Can be used for direct and indirect lighting.



Neutral White - 120°

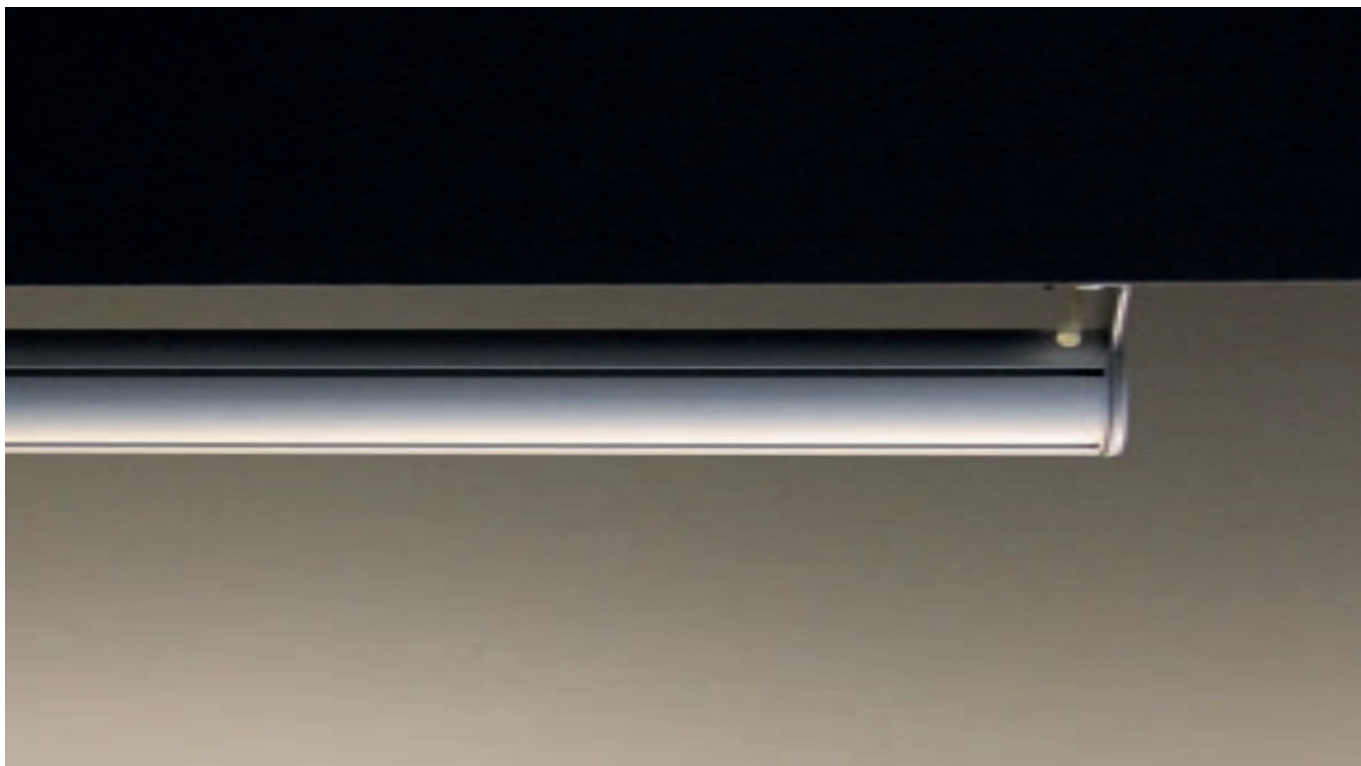


Distance [m]	Cone Diameter[m]	Illuminance [lx]
0.5	1.40	1138
1.0	2.80	285
1.5	4.21	126
2.0	5.61	71
2.5	7.01	46
3.0	8.41	32

cd/kl C0 - C180 C90 - C270



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
20320.730	3000K	830	85	120°	Anodized aluminum	220 240V	20W
20320.731	4000K	865		120°			



Installazione della Linear 30 in
stand fieristico

*Installation of the linear 30 in
exhibition stand*

Showroom
Grafiche Antiga, Treviso

Showroom
Grafiche Antiga, Treviso

Arch. Marco Ditadi

LINEAR 30

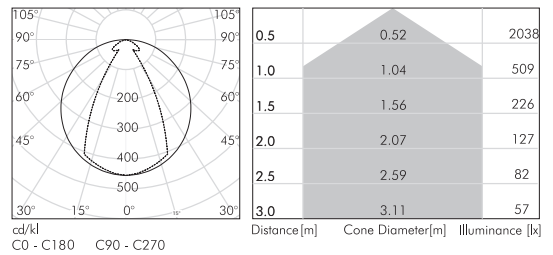
design Nicola Del Lungo

Dispositivo lineare orientabile con ottica secondaria opzionale, per interno. È disponibile con emissione 90° per illuminazione diffusa oppure con lenti secondarie che prevedono fascio stretto, medio, largo ed asimmetrico.

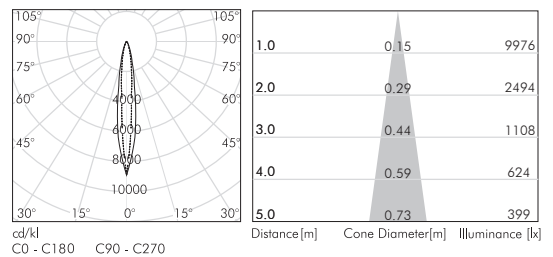
Lighting unit with adjustable beam, secondary optics, indoor use. Available with 90° diffused emission as well as secondary lenses with narrow, medium, large and asymmetric beam.



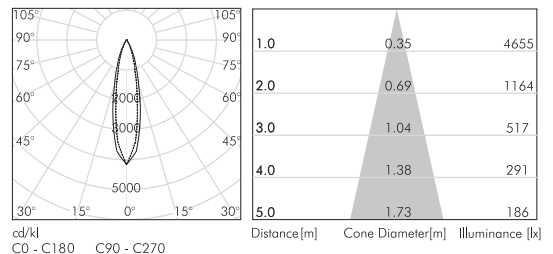
Neutral White 15W - 90°



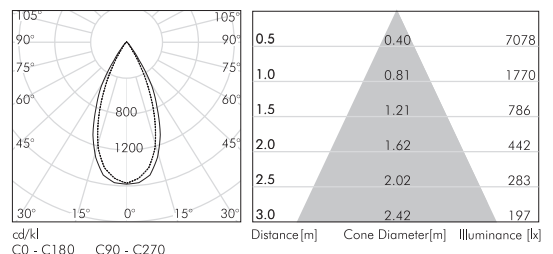
Neutral White 15W - Narrow beam 16°



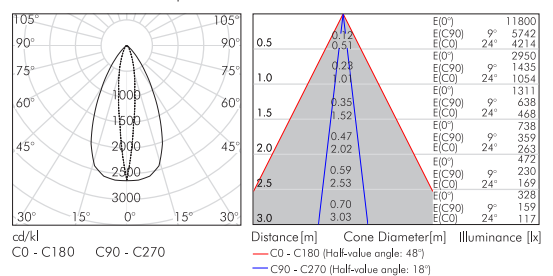
Neutral White 15W - Medium beam 24°



Neutral White 15W - Wide beam 35°



Neutral White 15W - Elliptical 18+48°



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
20340.790	3000K	885	85	90°	Silver	24V DC	15W
20340.790.U60				16°			
20340.790.U61				24°			
20340.790.U62				35°			
20340.790.U63	4000K	1120	85	18+48°	Silver	24V DC	15W
20340.793				90°			
20340.793.U60				16°			
20340.793.U61				24°			
20340.793.U62				35°			
20340.793.U63	18+48°						

LINEAR 30

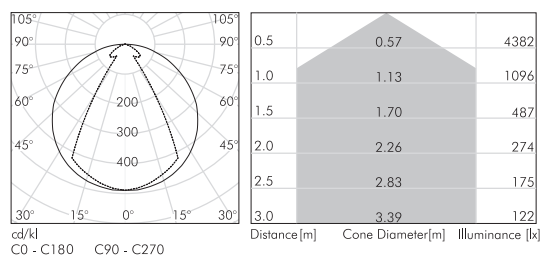
design Nicola Del Lungo

Dispositivo lineare orientabile con ottica secondaria opzionale, per interno. È disponibile con emissione 90° per illuminazione diffusa oppure con lenti secondarie che prevedono fascio stretto, medio, largo ed asimmetrico.

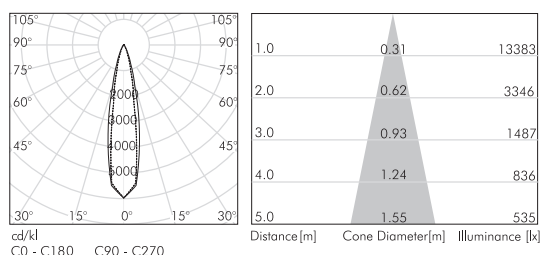
Lighting unit with adjustable beam, secondary optics, indoor use. Available with 90° diffused emission as well as secondary lenses with narrow, medium, large and asymmetric beam.



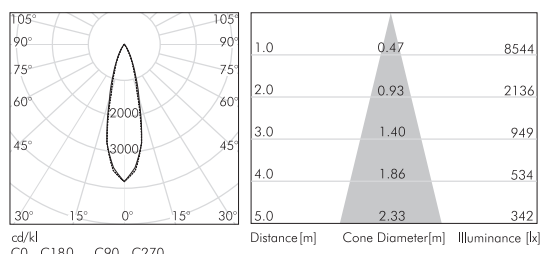
Neutral White 15W - 90°



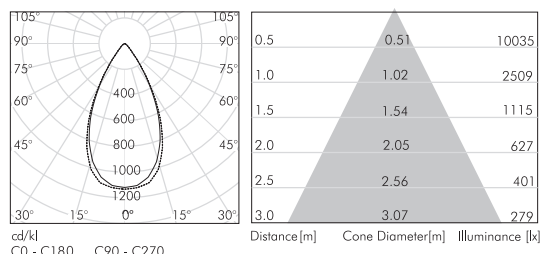
Neutral White 15W - Narrow beam 16°



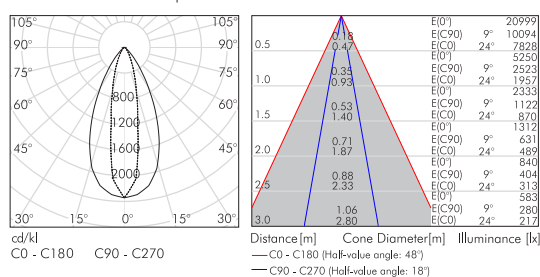
Neutral White 15W - Medium beam 24°



Neutral White 15W - Wide beam 35°



Neutral White 15W - Elliptical 18+48°



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
20345.796	3000K	1770	85	90°	Silver	24V DC	30W
20345.796.U60				16°			
20345.796.U61				24°			
20345.796.U62				35°			
20345.796.U63	4000K	2200	85	18+48°	Silver	24V DC	30W
20345.798				90°			
20345.798.U60				16°			
20345.798.U61				24°			
20345.798.U62				35°			
20345.798.U63				18+48°			

Ente cassa di Risparmio.
Firenze.
Spazio mostre.

*Ente cassa di Risparmio.
Florence. Exhibit Space.*

Arch. Luigi Cupellini



06.

INCASSI

RECESSED

Questa tipologia di prodotti da sempre riveste importanza fondamentale nella soluzione delle più elementari problematiche illuminotecniche. I modelli da incasso proposti per l'illuminazione d'interni presentano spiccate caratteristiche per semplicità d'installazione ed affidabilità. Grande cura ed attenzione è posta al design, alla scelta dei materiali ed alla qualità di finitura. Unità di alimentazione dedicate completano la nostra offerta collocandola ai vertici per convenienza e caratteristiche tecniche.

This type of product has always been fundamentally important in the solution of the most basic lighting problems. The recessed models offered for interior lighting stand out for their simplicity of installation and reliability. Great care and attention has been dedicated to design, the choice of materials and the quality of the finish. Our product line is completed by dedicated power supplies that make it the best in terms of convenience and technical performance.



Grafiche Antiga.
Fondazione tipoteca
Italiana, Treviso.

Grafiche Antiga.
Italian foundation tipoteca
Treviso.

L'ottava meraviglia del mondo! Thomas Newcomen, 1712
The eighth wonder of the world! Thomas Newcomen, 1712





LINK26

design Nicola Del Lungo

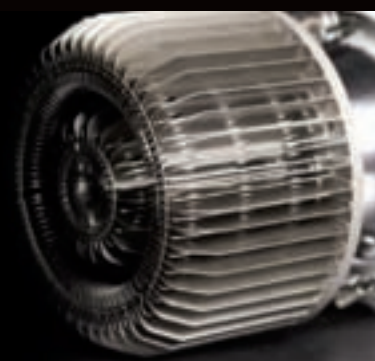
La sua linea minimale, piacevole e ben proporzionata lo rende una presenza discreta e di arredo in ogni spazio. Link26 è una famiglia di prodotti a LED concepita e sviluppata per offrire alte prestazioni e design puro.

Sono disponibili tre fasci luminosi per effetti spot o a luce diffusa, ottenendo ottimi illuminamenti anche in luoghi con alti soffitti come negozi e showroom. L'utilizzo di selezionate sorgenti LED garantisce un risparmio energetico maggiore del 70% rispetto a sorgenti tradizionali ed obsolete.

Link26 è una famiglia di prodotti a LED concepita e sviluppata per offrire alte prestazioni e design puro. Sono disponibili tre fasci luminosi per effetti spot o a luce diffusa, ottenendo ottimi illuminamenti anche in luoghi con alti soffitti come negozi e showroom.

Its minimal, attractive and well-proportioned line renders it an unnoticeable furnishing element in any space. Link26 is a range of LED products designed and developed to provide stylish high performance.

The light beams are available for spot effects or diffused light, obtaining excellent lighting even in places with high ceilings, like stores and showrooms. The use of selected LED sources guarantees energy savings of over 70% compared to traditional obsolete sources. Link26 is a range of LED products designed and developed to provide stylish high performance. The light beams are available for spot effects or diffused light, obtaining excellent lighting even in places with high ceilings, like stores and showrooms.





Medium beam
Optic:38°
Efficiency: 89%

Wide beam
Optic:60°
Efficiency: 89%

Narrow beam
Optic:13°
Efficiency: 89%

Medium beam
Optic:22°
Efficiency: 89%

Wide beam
Optic:32°
Efficiency: 89%

CARATTERISTICHE PRINCIPALI:

MAIN FEATURES:

L'illuminazione distribuita in modo uniforme garantisce in un ambiente specifico una sufficiente visione da parte dell'utente.
The light distributed evenly, ensures that the user has sufficient vision in a specific environment.

- Nessuna manutenzione
- Accensione istantanea
- Ciclo On/Off senza differenze
- Differenti temperature di colore disponibili
- Uniformità di temperatura colore
- CRI 90
- Nessuna emissione UV o IR
- Facile da installare
- Basso prezzo
- Fattore di rischio fotobiologico: Gruppo 1 (esente)
- Non contiene mercurio

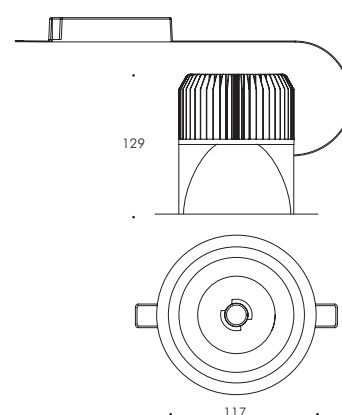
- No maintenance
- Instant power On
- Cycle On / Off without differences
- Different color temperatures available
- Uniformity of color temperature
- CRI 90
- No UV or IR emission
- Easy to install
- Low price
- Photobiological Risk Factor: group 1 (free)
- Mercury free

LINK 26

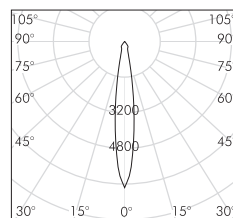
design Nicola Del Lungo

Incasso per illuminazione d'interni di notevole potenza. Link26 è una famiglia di prodotti a LED concepita e sviluppata per offrire alte prestazioni e design puro. Sono disponibili tre fasci luminosi per effetti Spot o di luce diffusa.

Powerful spot for lighting interiors. Link26 is a range of LED products designed and developed to provide stylish high performance. Three light beams are available for Spot or diffuse lighting effects.

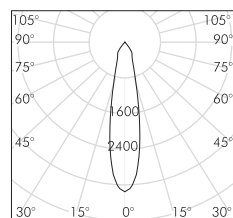


Neutral White - Narrow beam (13°)



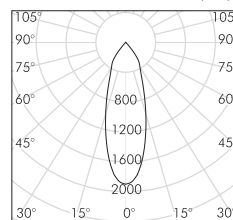
cd/kl
C0 - C180 C90 - C270

Neutral White - Medium beam (22°)



cd/kl
C0 - C180 C90 - C270

Neutral White - Wide beam (32°)



cd/kl
C0 - C180 C90 - C270

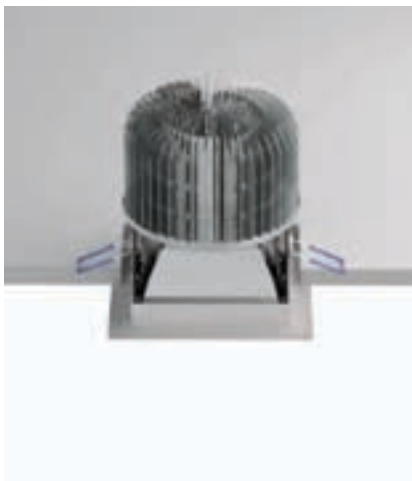
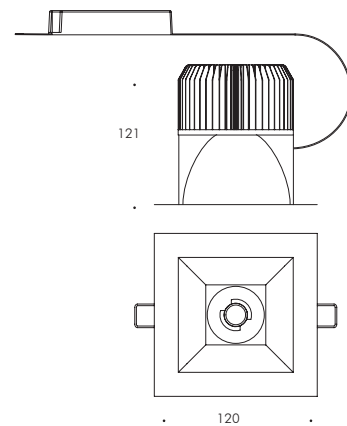


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47230.752.U84	3000K	2550	80 min.	13°	White	220 240V	26W
47230.752.U85				22°			
47230.752.U86				32°			
47230.753.U84	4000K	2600		13°			
47230.753.U85				22°			
47230.753.U86				32°			

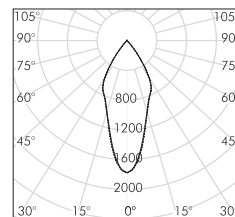
LINK 26

design Nicola Del Lungo

Incasso per illuminazione d'interni di notevole potenza. Link26 è una famiglia di prodotti a LED concepita e sviluppata per offrire alte prestazioni e design puro. Sono disponibili due fasci luminosi.
Powerful spot for lighting interiors. Link26 is a range of LED products designed and developed to provide stylish high performance. Two light beams are available.

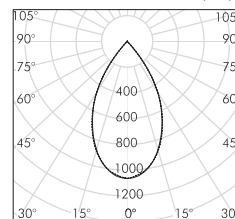


Neutral White - Medium beam (38°)



cd/kl
C0 - C180 C90 - C270

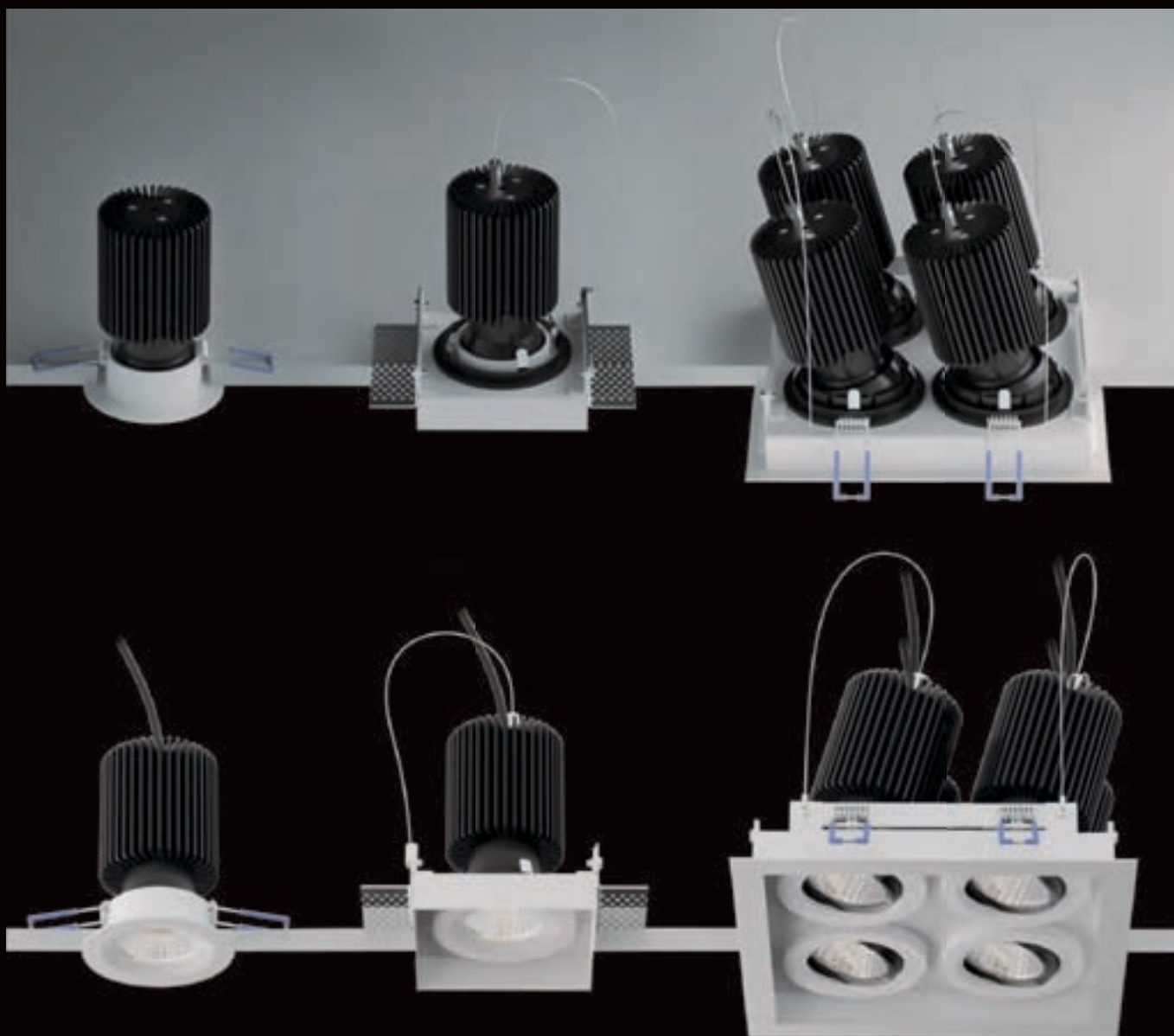
Neutral White - Wide beam (60°)



cd/kl
C0 - C180 C90 - C270

IP40 112x112
 10-25mm thick

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47235.752.U88	3000K	2550	80 min.	38°	White	220 240V	26W
47235.752.U89				60°			
47235.753.U88	4000K	2600		38°			
47235.753.U89				60°			



LINK 14

design Nicola Del Lungo

La sua linea minimale, piacevole e ben proporzionata lo rende una presenza discreta e di arredo in ogni spazio. Link 14 è una famiglia di prodotti a LED concepita e sviluppata per offrire alte prestazioni e design puro: oltre alla vasta gamma di incassati proponiamo dispositivi per installazione a soffitto, a sospensione e per binario eurostandard, per garantire il raggiungimento dell'illuminazione desiderata in ogni ambiente ed in ogni progetto.

L'utilizzo di selezionate sorgenti LED garantisce un risparmio energetico maggiore del 70% rispetto a sorgenti tradizionali ed obsolete.

Link 14 is a minimal design product and a well proportioned and cool presence in each space. It is a modular family of LED products : the range is composed by single, double and quadruple modulus with fixed or adjustable bulb light.

Many possibilities to obtain the desired lighting solution in every space: houses, shops, showrooms and hotels. Using LED light source you can save 70% of money comparing to conventional light sources.





Link14 VS 50W alogena comparazione (30 dispositivi installati):
l'investimento iniziale viene ammortizzato in 2 anni, dopo i quali inizia il risparmio di consumi e manutenzione.

Link14 VS 50W halogen comparison (30 devices installed):
the initial investment is amortised in 2 years, after which the savings in consumption and maintenance start.



	Link14W (40°)	Halogen 50W (38°)
Luminuos total flux	1235/1262 lm	823lm
Consumption	14W	50W
Colour temperature	3000-4000K	From hot to cold
Efficiency	67,8-71,4 lm/W	16,5lm/W
Max illuminations (dist. 2,7m)	320Lux	217Lux
Average duration	40.000h	2.000h
Led electricity -Kilo-Watts (30 spot, 10 hours a day, 300 days)	1260KW	4500KW
Sensitivity to temperature	No	Some
Instant switching on	Yes	Yes
Durability	Very durable	Low

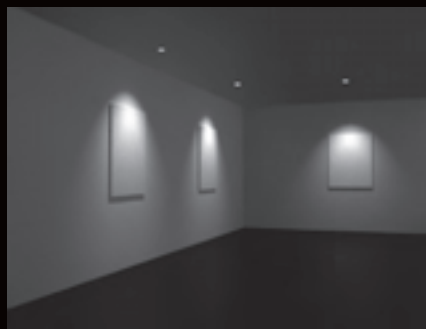
Simulazione Dialux Dialux simulation

Utilizzo Link14 spot in ambiente architettonico di grandi dimensioni. Le performance dello spot Link14 aprono la proposta Altatensione all'illuminazione di showroom, retail, musei ove si richiedano alti flussi luminosi e si debbano coprire distanze importanti tra l'apparecchio e il target da illuminare.

Link14 spot performances into a big architectural exhibition space. It's preferred field of use is for showrooms, retail shops and museums where an high luminous flux is needed and the target distance is high.



L'illuminazione distribuita in modo uniforme che garantisce in un ambiente specifico una sufficiente visione da parte dell'utente.
The light is distributed evenly, which ensures that the user has sufficient vision in a specific environment.



L'illuminazione d'accento esalta gli elementi architettonici. Utilizzata per disegnare lo spazio, e' lo strumento scenografico principe per creare scenari, percorsi, atmosfere.
Accent lighting magnify architectural elements. Light is a powerfull scenographic tool to draw spaces, create scenarios, walkways, every kind of atmospheres.

CARATTERISTICHE PRINCIPALI:

- Nessuna manutenzione
- Accensione istantanea
- Ciclo On/Off senza differenze
- Differenti temperature di colore disponibili
- Uniformità di temperatura colore
- CRI 90
- Nessuna emissione UV o IR
- Facile da installare
- Basso prezzo
- Fattore di rischio fotobiologico: Gruppo 1 (esente)
- Non contiene mercurio

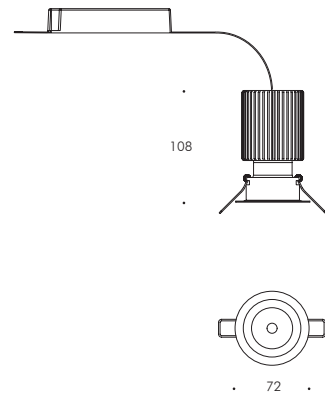
MAIN FEATURES:

- No maintenance
- Instant power On
- Cycle On / Off without differences
- Different color temperatures available
- Uniformity of color temperature
- CRI 90
- No UV or IR emission
- Easy to install
- Low price
- Photobiological Risk Factor: group 1 (free)
- Mercury free

LINK 14

design Nicola Del Lungo

Incasso per illuminazione d'interni di notevole potenza. Link14 è una famiglia di prodotti a LED concepita e sviluppata sul concetto di modularità: la gamma si articola in moduli singoli, doppi e quadrupli, tutti configurabili con corpi illuminanti fissi od orientabili. *Powerful recess for lighting interiors. Link14 is a range of LED products designed and developed around the concept of modularity: the range comes in individual modules, double and quadruple, all of which can be configured with fixed and adjustable luminaires.*

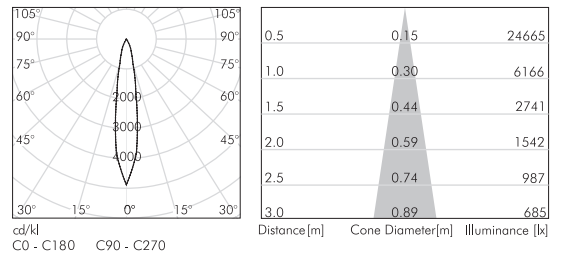


Round

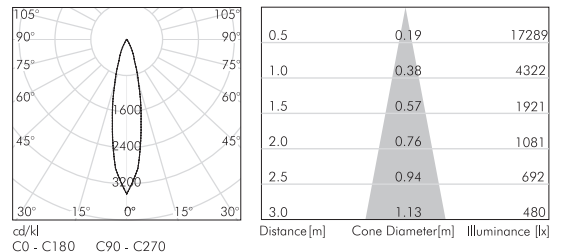


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47220.757.U55	3000K	1235	80 min.	15°	White	220 240V	14W
47220.757.U56				25°			
47220.757.U57				40°			
47220.758.U55	4000K	1262		15°			
47220.758.U56				25°			
47220.758.U57				40°			

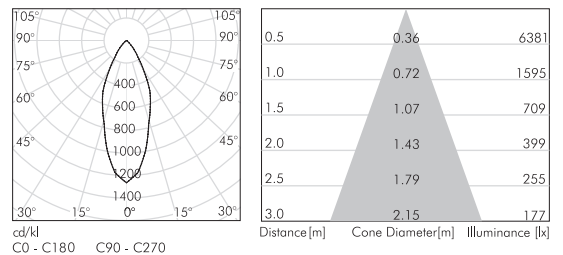
Neutral White - Narrow beam (15°)



Neutral White - Medium beam (25°)



Neutral White - Wide beam (40°)

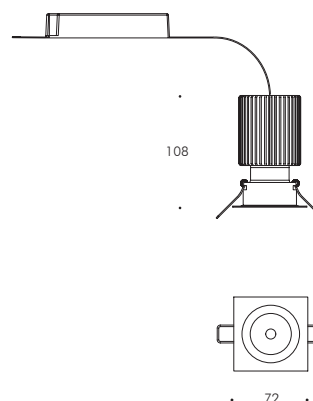




LINK 14

design Nicola Del Lungo

Incasso per illuminazione d'interni di notevole potenza. Link14 è una famiglia di prodotti a LED concepita e sviluppata sul concetto di modularità: la gamma si articola in moduli singoli, doppi e quadrupli, tutti configurabili con corpi illuminanti fissi od orientabili.
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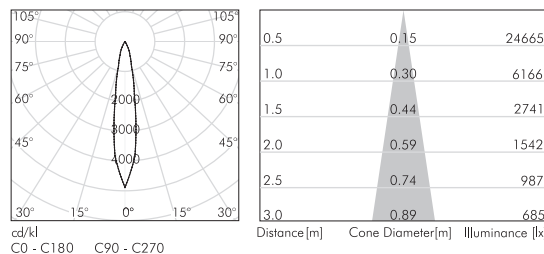


Square

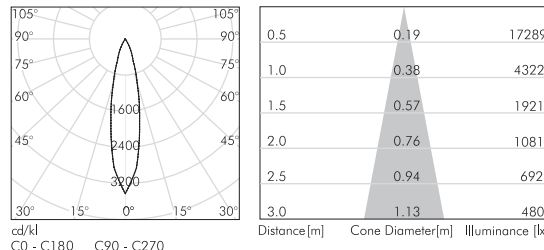
-
- IP40
-
-
-
- 0,5m
- 56mm Ø
10-25mm thick

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47221.757.U55	3000K	1235	80 min.	15°	White	220 240V	14W
47221.757.U56				25°			
47221.757.U57				40°			
47221.758.U55	4000K	1262		15°			
47221.758.U56				25°			
47221.758.U57				40°			

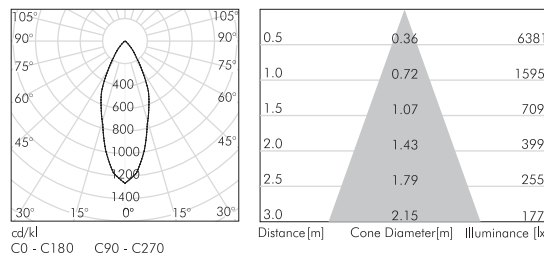
Neutral White - Narrow beam (15°)



Neutral White - Medium beam (25°)



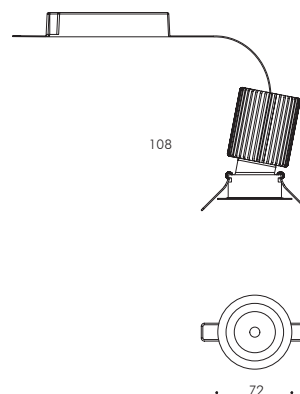
Neutral White - Wide beam (40°)



LINK 14

design Nicola Del Lungo

Incasso per illuminazione d'interni di notevole potenza. Link14 è una famiglia di prodotti a LED concepita e sviluppata sul concetto di modularità: la gamma si articola in moduli singoli, doppi e quadrupli, tutti configurabili con corpi illuminanti fissi od orientabili. *Powerful recess for lighting interiors. Link14 is a range of LED products designed and developed around the concept of modularity: the range comes in individual modules, double and quadruple, all of which can be configured with fixed and adjustable luminaires.*

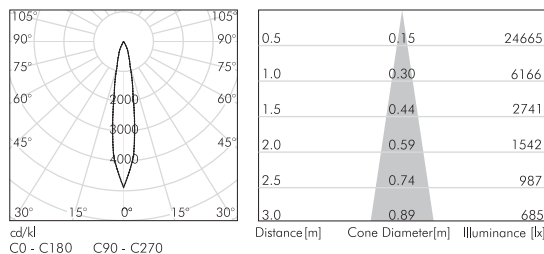


Adjustable

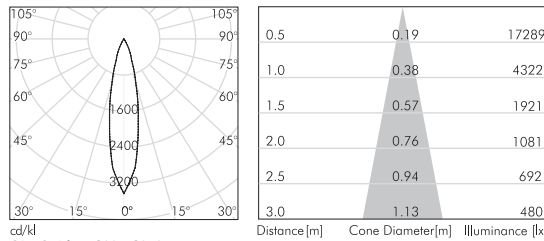


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47222.757.U55	3000K	1235	80 min.	15°	White	220 240V	14W
47222.757.U56				25°			
47222.757.U57				40°			
47222.758.U55	4000K	1262		15°			
47222.758.U56				25°			
47222.758.U57				40°			

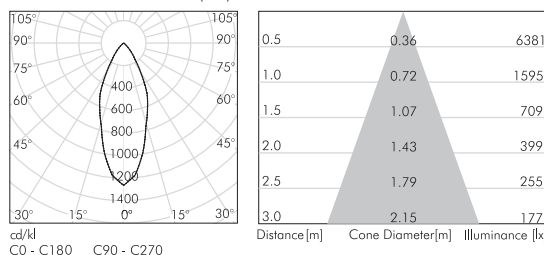
Neutral White - Narrow beam (15°)



Neutral White - Medium beam (25°)



Neutral White - Wide beam (40°)



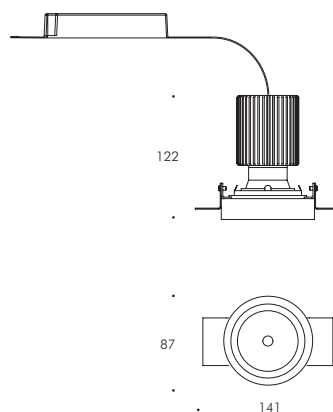




LINK 14

design Nicola Del Lungo

Incasso per illuminazione d'interni di notevole potenza. Link14 è una famiglia di prodotti a LED concepita e sviluppata sul concetto di modularità: la gamma si articola in moduli singoli, doppi e quadrupli, tutti configurabili con corpi illuminanti fissi od orientabili.
 Powerful recess for lighting interiors.
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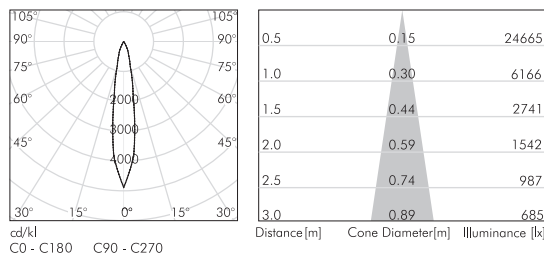


Trimless Round

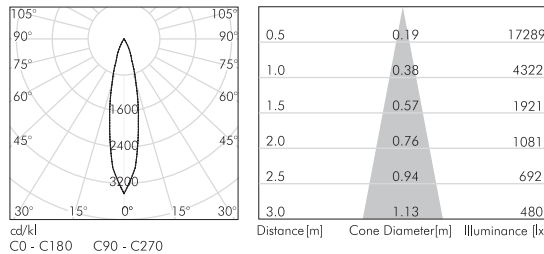
-
- IP40
-
-
-
- 0,5m
- 90mm Ø
10-25mm thick

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47225.757.U55	3000K	1235	80 min.	15°	White	220 240V	14W
47225.757.U56				25°			
47225.757.U57				40°			
47225.758.U55	4000K	1262		15°			
47225.758.U56				25°			
47225.758.U57				40°			

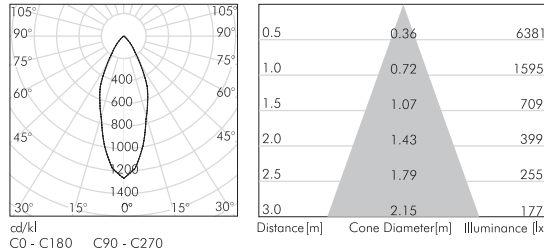
Neutral White - Narrow beam (15°)



Neutral White - Medium beam (25°)



Neutral White - Wide beam (40°)

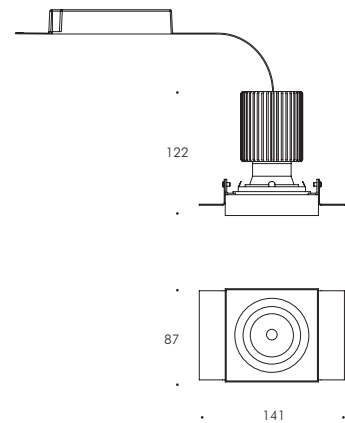




LINK 14

design Nicola Del Lungo

Incasso per illuminazione d'interni di notevole potenza. Link14 è una famiglia di prodotti a LED concepita e sviluppata sul concetto di modularità: la gamma si articola in moduli singoli, doppi e quadrupli, tutti configurabili con corpi illuminanti fissi od orientabili.
 Powerful recess for lighting interiors.
 Link14 is a range of LED products designed and developed around the concept of modularity: the range comes in individual modules, double and quadruple, all of which can be configured with fixed and adjustable luminaires.

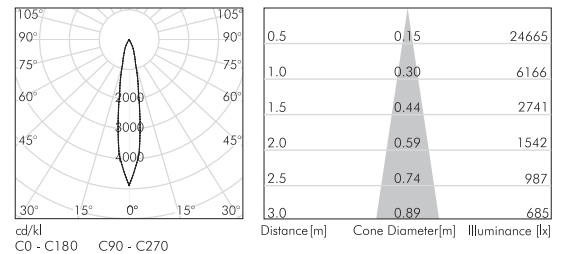


Trimless Square

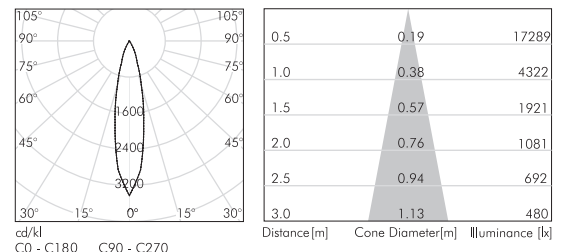
IP40 \square F \odot 0,5m \square 93x93 10-25mm thick

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47200.757.U55	3000K	1235	80 min.	15°	White	220 240V	14W
47200.757.U56				25°			
47200.757.U57				40°			
47200.758.U55	4000K	1262		15°			
47200.758.U56				25°			
47200.758.U57				40°			

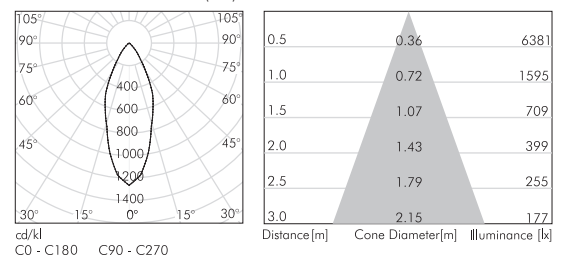
Neutral White - Narrow beam (15°)



Neutral White - Medium beam (25°)



Neutral White - Wide beam (40°)

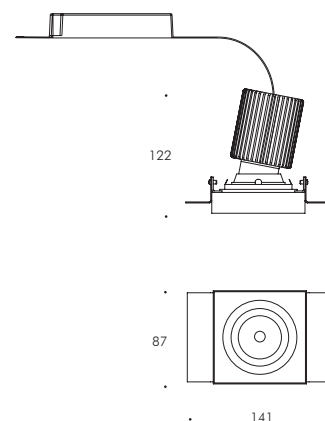




LINK 14

design Nicola Del Lungo

Incasso per illuminazione d'interni di notevole potenza. Link 14 è una famiglia di prodotti a LED concepita e sviluppata sul concetto di modularità: la gamma si articola in moduli singoli, doppi e quadrupli, tutti configurabili con corpi illuminanti fissi od orientabili. *Powerful recess for lighting interiors. Link 14 is a range of LED products designed and developed around the concept of modularity: the range comes in individual modules, double and quadruple, all of which can be configured with fixed and adjustable luminaires.*

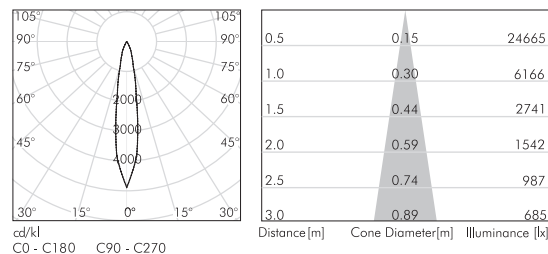


Trimless Adjustable

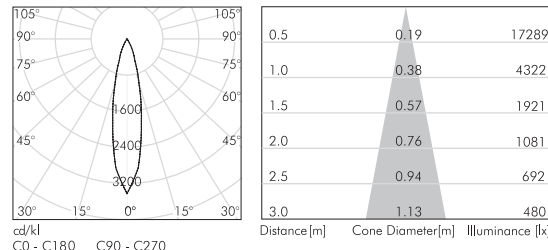
IP40 0,5m 93x93 10-25mm thick

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47201.757.U55	3000K	1235	80 min.	15°	White	220 240V	14W
47201.757.U56				25°			
47201.757.U57				40°			
47201.758.U55	4000K	1262		15°			
47201.758.U56				25°			
47201.758.U57				40°			

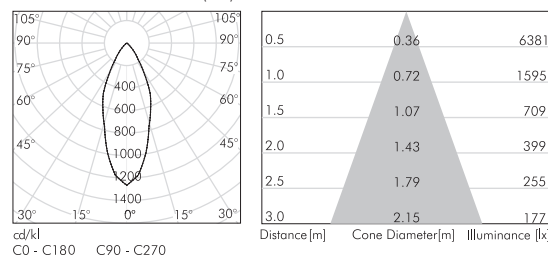
Neutral White - Narrow beam (15°)



Neutral White - Medium beam (25°)



Neutral White - Wide beam (40°)





Trimless

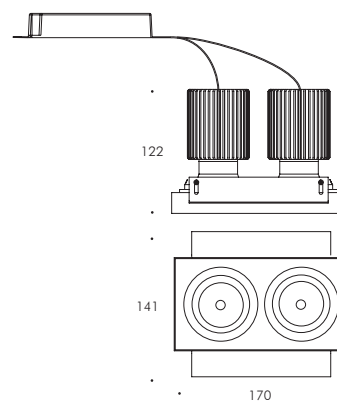
IP40 0,5m 170x92 10-25mm thick

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47202.757.U55	3000K	2470	80 min.	15°	White	220 240V	28W
47202.757.U56				25°			
47202.757.U57				40°			
47202.758.U55	4000K	2524		15°			
47202.758.U56				25°			
47202.758.U57				40°			

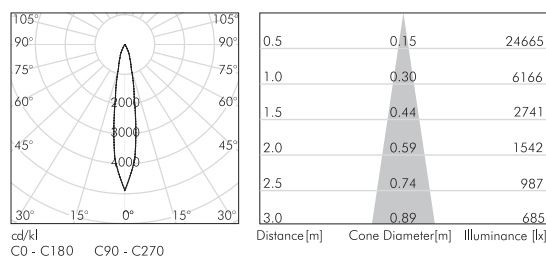
LINK 14x2

design Nicola Del Lungo

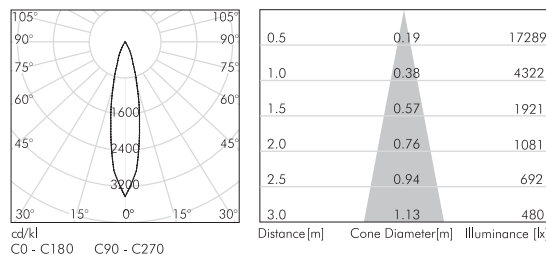
Incasso a filo per illuminazione d'interni con moduli doppi e corpi illuminanti fissi od orientabili.
*Powerful recess for lighting interiors.
 Double modules with fixed and adjustable luminaires.*



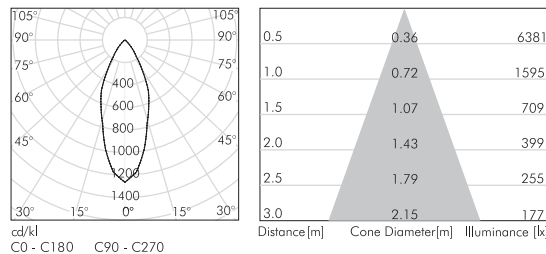
Neutral White 14W - Narrow beam (15°)



Neutral White 14W - Medium beam (25°)



Neutral White 14W - Wide beam (40°)



PHOTOMETRIC DATA USER GUIDE

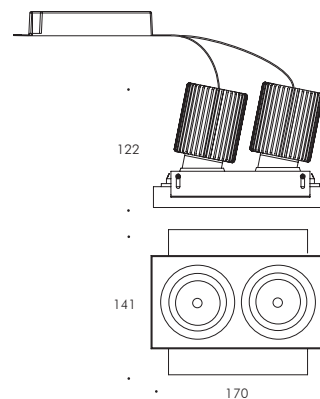
I dati fotometrici si riferiscono al singolo modulo luminoso di base.
 L'apparecchio si compone di molteplici moduli lumini da importare singolarmente nel software di calcolo illuminotecnico.
*The photometric data refers to the single base light module.
 The luminaire is composed of multiple light modules to be imported individually into the lighting engineering software*



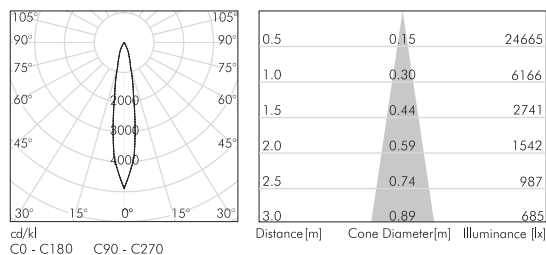
LINK 14x2

design Nicola Del Lungo

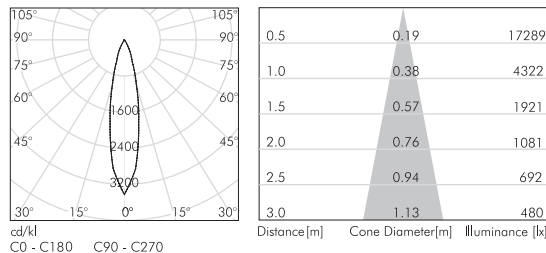
Incasso a filo per illuminazione d'interni con moduli doppi e corpi illuminanti fissi od orientabili.
 Powerful recess for lighting interiors.
 Double modules with fixed and adjustable luminaires..



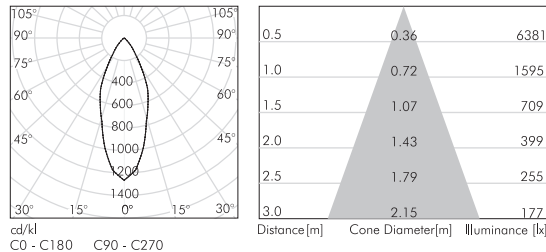
Neutral White 14W - Narrow beam (15°)



Neutral White 14W - Medium beam (25°)



Neutral White 14W - Wide beam (40°)

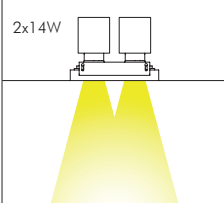


Trimless Adjustable

-
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-
-

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47203.757.U55	3000K	2470	80 min.	15°	White	220 240V	28W
47203.757.U56				25°			
47203.757.U57				40°			
47203.758.U55	4000K	2524		15°			
47203.758.U56				25°			
47203.758.U57				40°			

PHOTOMETRIC DATA USER GUIDE



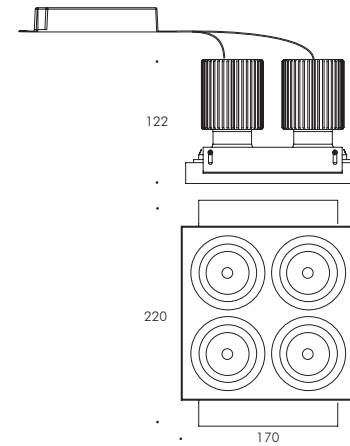
I dati fotometrici si riferiscono al singolo modulo luminoso di base.
 L'apparecchio si compone di molteplici moduli luminosi da importare singolarmente nel software di calcolo illuminotecnico.
 The photometric data refers to the single base light module.
 The luminaire is composed of multiple light modules to be imported individually into the lighting engineering software



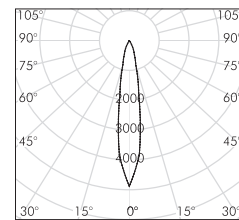
LINK 14x4

design Nicola Del Lungo

Incasso a filo per illuminazione d'interni con moduli quadrupli e corpi illuminanti fissi od orientabili.
 Powerful recess for lighting interiors.
 Quadruple modules with fixed and adjustable luminaires.



Neutral White 14W - Narrow beam (15°)



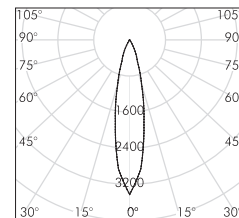
0.5	0.15	24665
1.0	0.30	6166
1.5	0.44	2741
2.0	0.59	1542
2.5	0.74	987
3.0	0.89	685

cd/kl
C0 - C180 C90 - C270

Distance[m] Cone Diameter[m] Illuminance [lx]



Neutral White 14W - Medium beam (25°)

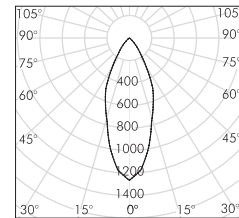


0.5	0.19	17289
1.0	0.38	4322
1.5	0.57	1921
2.0	0.76	1081
2.5	0.94	692
3.0	1.13	480

cd/kl
C0 - C180 C90 - C270

Distance[m] Cone Diameter[m] Illuminance [lx]

Neutral White 14W - Wide beam (40°)

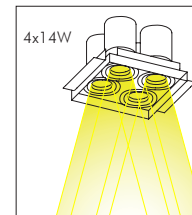


0.5	0.36	6381
1.0	0.72	1595
1.5	1.07	709
2.0	1.43	399
2.5	1.79	255
3.0	2.15	177

cd/kl
C0 - C180 C90 - C270

Distance[m] Cone Diameter[m] Illuminance [lx]

PHOTOMETRIC DATA USER GUIDE



I dati fotometrici si riferiscono al singolo modulo luminoso di base.
 L'apparecchio si compone di molteplici moduli lumini da importare singolarmente nel software di calcolo illuminotecnico.
 The photometric data refers to the single base light module.
 The luminaire is composed of multiple light modules to be imported individually into the lighting engineering software

Trimless



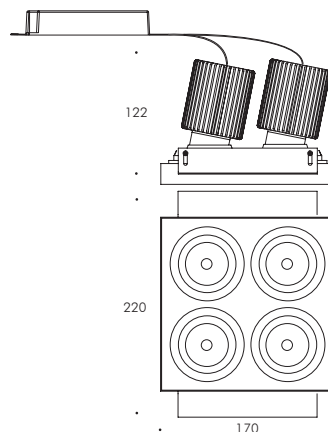
170x180
10-25mm thick

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47206.757.U55	3000K	4940	80 min.	15°	White	220 240V	56W
47206.757.U56				25°			
47206.757.U57				40°			
47206.758.U55	4000K	5048		15°			
47206.758.U56				25°			
47206.758.U57				40°			

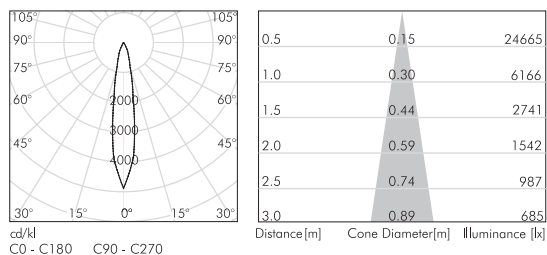
LINK 14x4

design Nicola Del Lungo

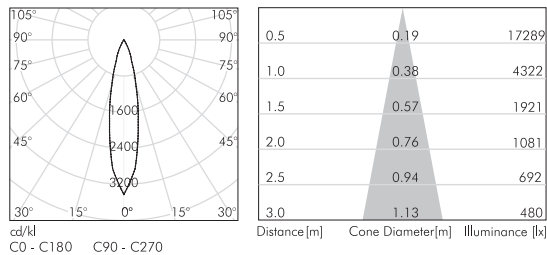
Incasso a filo per illuminazione d'interni con moduli quadrupli e corpi illuminanti fissi od orientabili.
 Powerful recess for lighting interiors.
 Quadruple modules with fixed and adjustable luminaires.



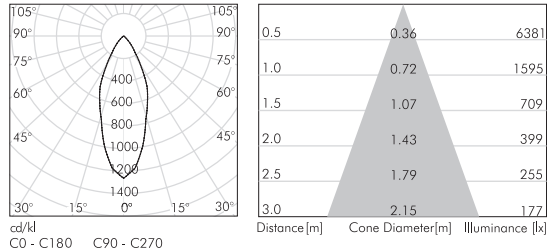
Neutral White 14W - Narrow beam (15°)



Neutral White 14W - Medium beam (25°)



Neutral White 14W - Wide beam (40°)



PHOTOMETRIC DATA USER GUIDE

I dati fotometrici si riferiscono al singolo modulo luminoso di base.
 L'apparecchio si compone di molteplici moduli luminosi da importare singolarmente nel software di calcolo illuminotecnico.
 The photometric data refers to the single base light module.
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Trimless Adjustable

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Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47207.757.U55	3000K	4940	80 min.	15°	White	220 240V	56W
47207.757.U56				25°			
47207.757.U57				40°			
47207.758.U55	4000K	5048	15°				
47207.758.U56			25°				
47207.758.U57			40°				



LINK 14

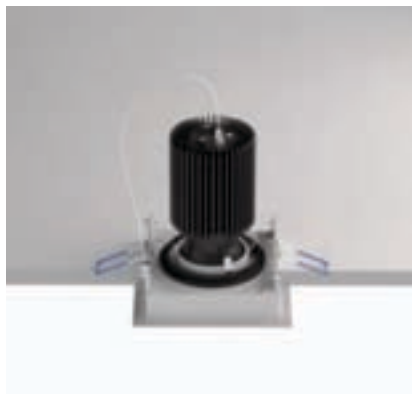
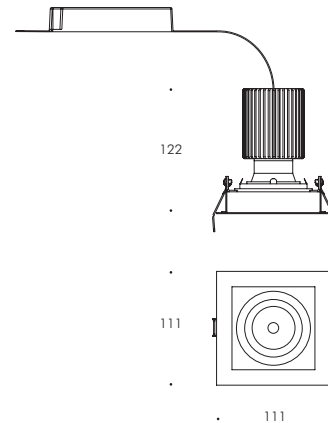
design Nicola Del Lungo

Incasso per illuminazione d'interni di notevole potenza.

Link14 è una famiglia di prodotti a LED concepita e sviluppata sul concetto di modularità: la gamma si articola in moduli singoli, doppi e quadrupli, tutti configurabili con corpi illuminanti fissi od orientabili.

Powerful recess for lighting interiors.

Link14 is a range of LED products designed and developed around the concept of modularity: the range comes in individual modules, double and quadruple, all of which can be configured with fixed and adjustable luminaires.

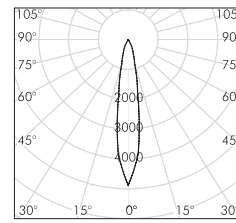


Trim

-
- IP40
-
-
-
- 0,5m
-
- 99x93
10-25mm thick

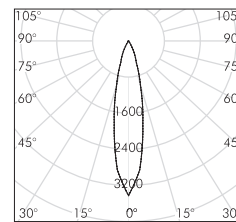
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47210.757.U55	3000K	1235	80 min.	15°	White	220 240V	14W
47210.757.U56				25°			
47210.757.U57				40°			
47210.758.U55	4000K	1262		15°			
47210.758.U56				25°			
47210.758.U57				40°			

Neutral White - Narrow beam (15°)



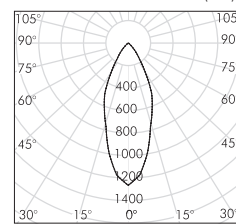
Distance[m]	Cone Diameter[m]	Illuminance [lx]
0.5	0.15	24665
1.0	0.30	6166
1.5	0.44	2741
2.0	0.59	1542
2.5	0.74	987
3.0	0.89	685

Neutral White - Medium beam (25°)



Distance[m]	Cone Diameter[m]	Illuminance [lx]
0.5	0.19	17289
1.0	0.38	4322
1.5	0.57	1921
2.0	0.76	1081
2.5	0.94	692
3.0	1.13	480

Neutral White - Wide beam (40°)



Distance[m]	Cone Diameter[m]	Illuminance [lx]
0.5	0.36	6381
1.0	0.72	1595
1.5	1.07	709
2.0	1.43	399
2.5	1.79	255
3.0	2.15	177

LINK 14

design Nicola Del Lungo

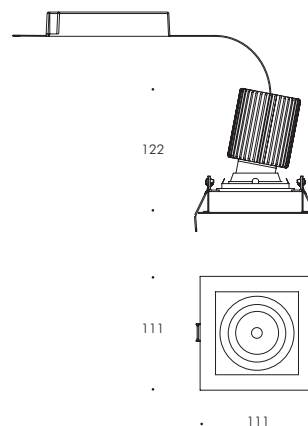
Incasso per illuminazione d'interni di notevole potenza. Link14 è una famiglia di prodotti a LED concepita e sviluppata sul concetto di modularità: la gamma si articola in moduli singoli, doppi e quadrupli, tutti configurabili con corpi illuminanti fissi od orientabili. *Powerful recess for lighting interiors. Link14 is a range of LED products designed and developed around the concept of modularity: the range comes in individual modules, double and quadruple, all of which can be configured with fixed and adjustable luminaires.*



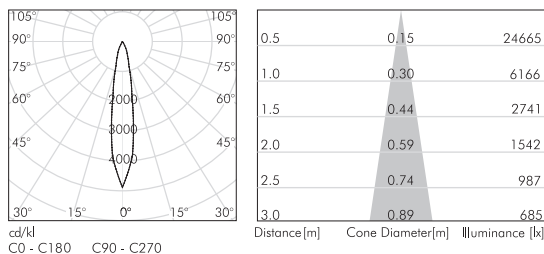
Trim Adjustable



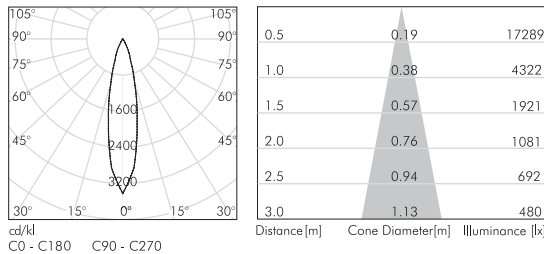
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47211.757.U55	3000K	1235	80 min.	15°	White	220 240V	14W
47211.757.U56				25°			
47211.757.U57				40°			
47211.758.U55	4000K	1262		15°			
47211.758.U56				25°			
47211.758.U57				40°			



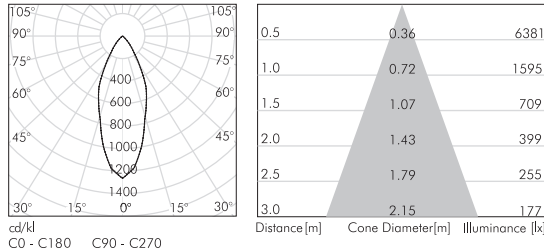
Neutral White - Narrow beam (15°)



Neutral White - Medium beam (25°)



Neutral White - Wide beam (40°)





Trim







 170x103
10-25mm thick

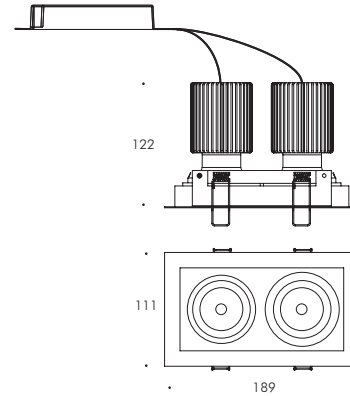
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47212.757.U55	3000K	2470	80 min.	15°	White	220 240V	28W
47212.757.U56				25°			
47212.757.U57				40°			
47212.758.U55	4000K	2524		15°			
47212.758.U56				25°			
47212.758.U57				40°			

LINK 14x2

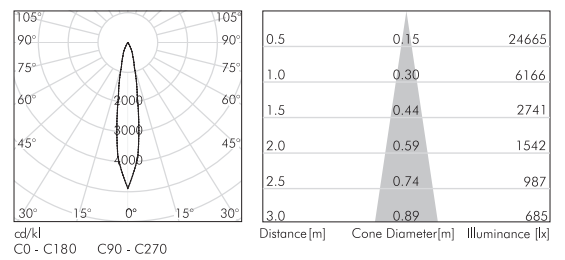
design Nicola Del Lungo

Incasso per illuminazione d'interni con moduli doppi e corpi illuminanti fissi od orientabili.

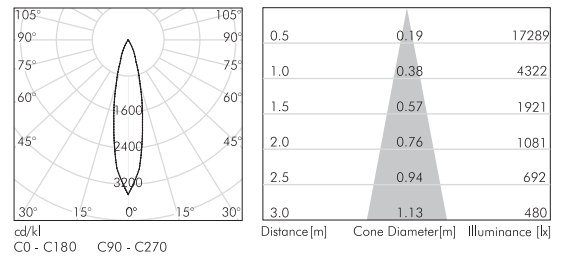
*Powerful recess for lighting interiors.
Double modules with fixed and adjustable luminaires.*



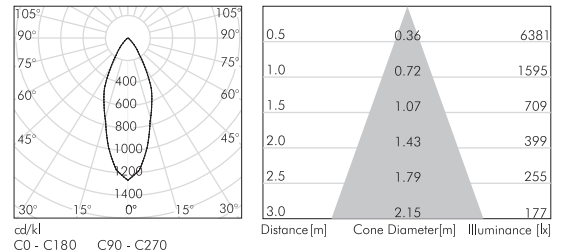
Neutral White 14W - Narrow beam (15°)



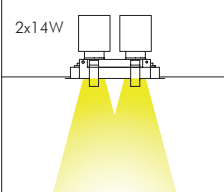
Neutral White 14W - Medium beam (25°)



Neutral White 14W - Wide beam (40°)



PHOTOMETRIC DATA USER GUIDE



I dati fotometrici si riferiscono al singolo modulo luminoso di base.
 L'apparecchio si compone di molteplici moduli luminosi da importare singolarmente nel software di calcolo illuminotecnico.
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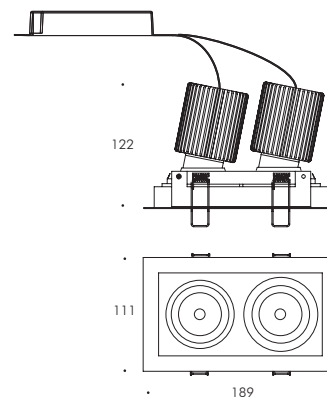


LINK 14x2

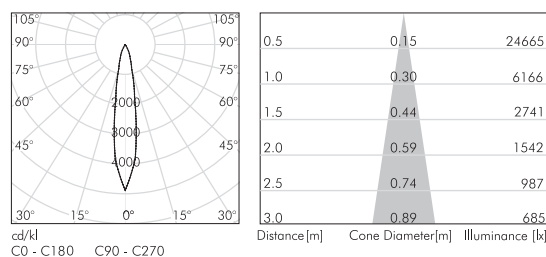
design Nicola Del Lungo

Incasso per illuminazione d'interni con moduli doppi e corpi illuminanti fissi od orientabili.

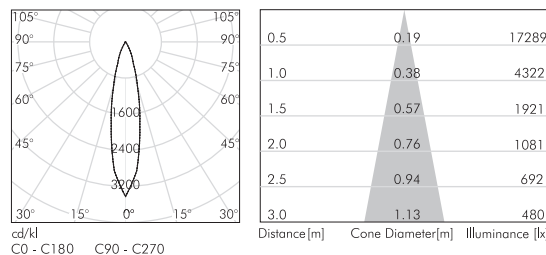
Powerful recess for lighting interiors.
Double modules with fixed and adjustable luminaires.



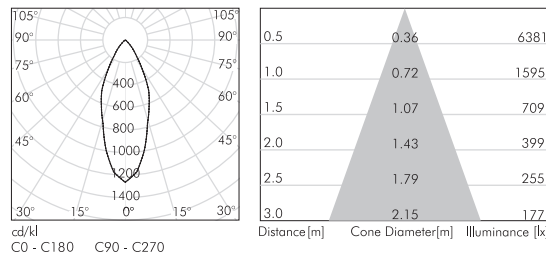
Neutral White 14W - Narrow beam (15°)



Neutral White 14W - Medium beam (25°)



Neutral White 14W - Wide beam (40°)



Trim Adjustable



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47213.757.U55	3000K	2470	80 min.	15°	White	220 240V	28W
47213.757.U56				25°			
47213.757.U57				40°			
47213.758.U55	4000K	2524		15°			
47213.758.U56				25°			
47213.758.U57				40°			

PHOTOMETRIC DATA USER GUIDE

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Trim

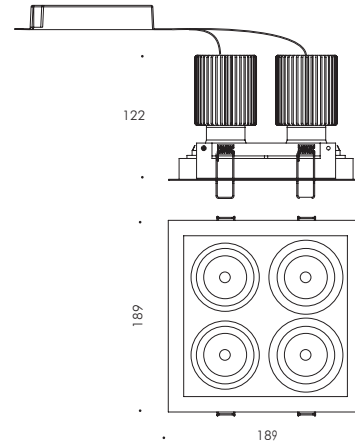
170x180
10-25mm thick

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47216.757.U55	3000K	4940	80 min.	15°	White	220 240V	56W
47216.757.U56				25°			
47216.757.U57				40°			
47216.758.U55	4000K	5048		15°			
47216.758.U56				25°			
47216.758.U57				40°			

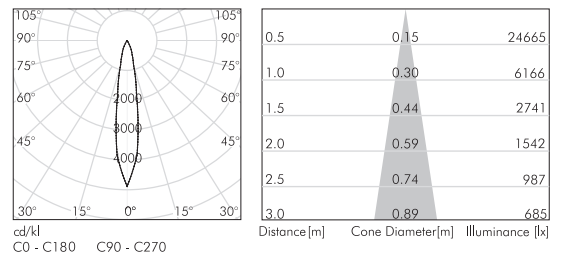
LINK 14x4

design Nicola Del Lungo

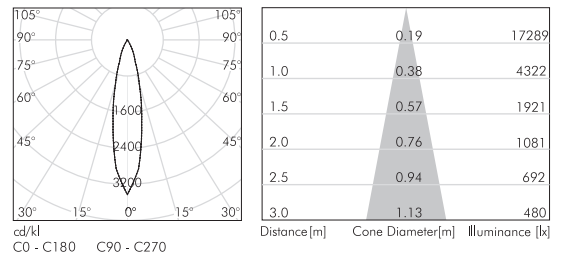
Incasso per illuminazione d'interni con moduli quadrupli e corpi illuminanti fissi od orientabili.
Powerful recess for lighting interiors.
Quadruple modules with fixed and adjustable luminaires.



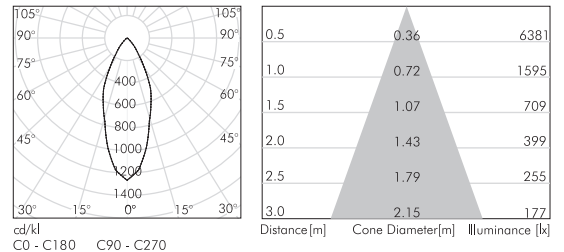
Neutral White 14W - Narrow beam (15°)



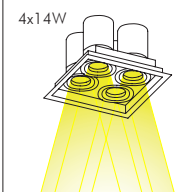
Neutral White 14W - Medium beam (25°)



Neutral White 14W - Wide beam (40°)



PHOTOMETRIC DATA USER GUIDE



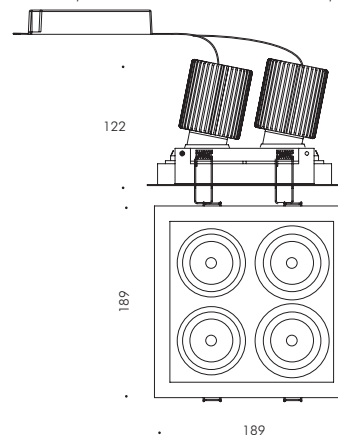
I dati fotometrici si riferiscono al singolo modulo luminoso di base.
L'apparecchio si compone di molteplici moduli luminosi da importare singolarmente nel software di calcolo illuminotecnico.
The photometric data refers to the single base light module.
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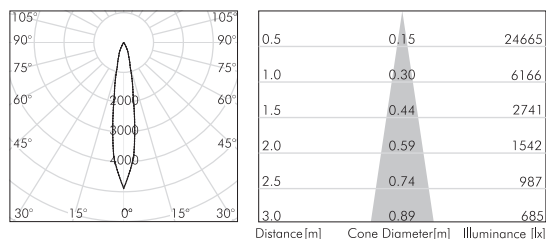
LINK 14x4

design Nicola Del Lungo

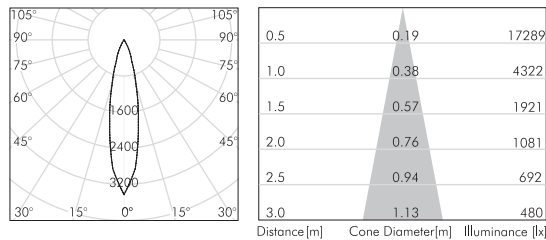
Incasso per illuminazione d'interni con moduli quadrupli e corpi illuminanti fissi od orientabili.
 Powerful recess for lighting interiors.
 Quadruple modules with fixed and adjustable luminaires.



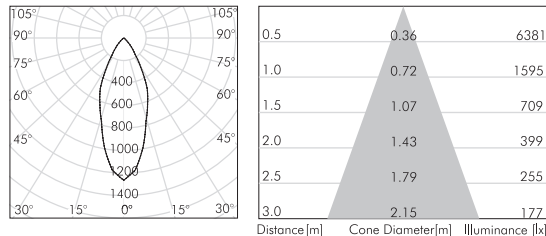
Neutral White 14W - Narrow beam (15°)



Neutral White 14W - Medium beam (25°)



Neutral White 14W - Wide beam (40°)



PHOTOMETRIC DATA USER GUIDE

I dati fotometrici si riferiscono al singolo modulo luminoso di base.
 L'apparecchio si compone di molteplici moduli luminosi da importare singolarmente nel software di calcolo illuminotecnico.
 The photometric data refers to the single base light module.
 The luminaire is composed of multiple light modules to be imported individually into the lighting engineering software



Trim Adjustable

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Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47217.757.U55	3000K	4940	80 min.	15°	White	220 240V	56W
47217.757.U56				25°			
47217.757.U57				40°			
47217.758.U55	4000K	5048		15°			
47217.758.U56				25°			
47217.758.U57				40°			



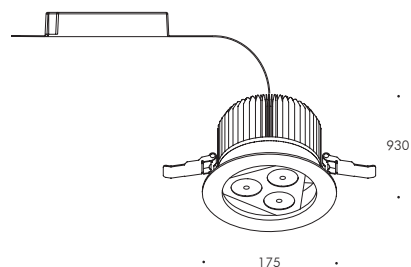
DIAMOND

design Daniele Monelli

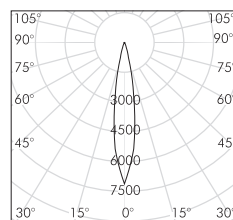


Incasso per illuminazione d'interni di notevole potenza con ottiche secondarie (fascio stretto, medio e largo). Tonalità calda e neutra.

Hi power LED spot. Secondary optic (narrow, medium and large beam). This projector available with neutral and warm white emission.



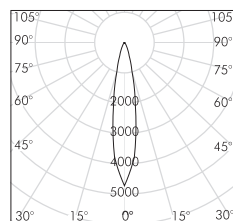
Neutral White - Narrow beam (10°)



cd/kl
C0 - C180 C90 - C270

Distance[m]	Cone Diameter[m]	Illuminance [lx]
1.0	0.29	13882
2.0	0.58	3471
3.0	0.88	1542
4.0	1.17	868
5.0	1.46	555

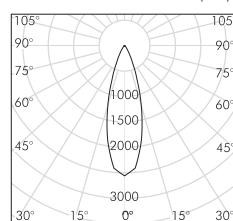
Neutral White - Medium beam (20°)



cd/kl
C0 - C180 C90 - C270

Distance[m]	Cone Diameter[m]	Illuminance [lx]
1.0	0.32	9214
2.0	0.65	2303
3.0	0.97	1024
4.0	1.30	576
5.0	1.62	369

Neutral White - Wide beam (35°)



cd/kl
C0 - C180 C90 - C270

Distance[m]	Cone Diameter[m]	Illuminance [lx]
0.5	0.27	19952
1.0	0.54	4988
1.5	0.80	2217
2.0	1.07	1247
2.5	1.34	798
3.0	1.61	554



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47001.740.U50	3000K	1680	85	10°	White	220 240V	26W
47001.740.U51				20°			
47001.740.U52				35°			
47001.741.U50	4000K	1950		10°			
47001.741.U51				20°			
47001.741.U52				35°			

REFLECTOR

design Nicola Del Lungo

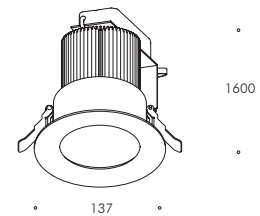


Incasso per illuminazione d'interni con parabola in alluminio. La gamma prevede versioni monocromatiche in tonalità calda e neutra.
The new Reflector for indoor use complete the spot range offering wide and powerful beam lumen output. Wide range of monochromatic emissions available.



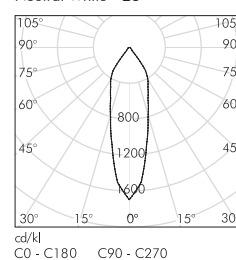
Torrefazione FIDA
Viterbo

Arch. Paolo Diomei



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47020.755.U70	3000K	1290	90	28°	Silver	220	20W
47021.755.U70					White	240V	

Neutral White - 28°



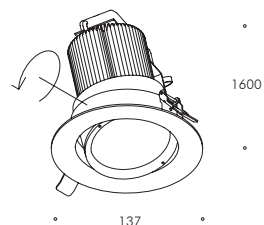
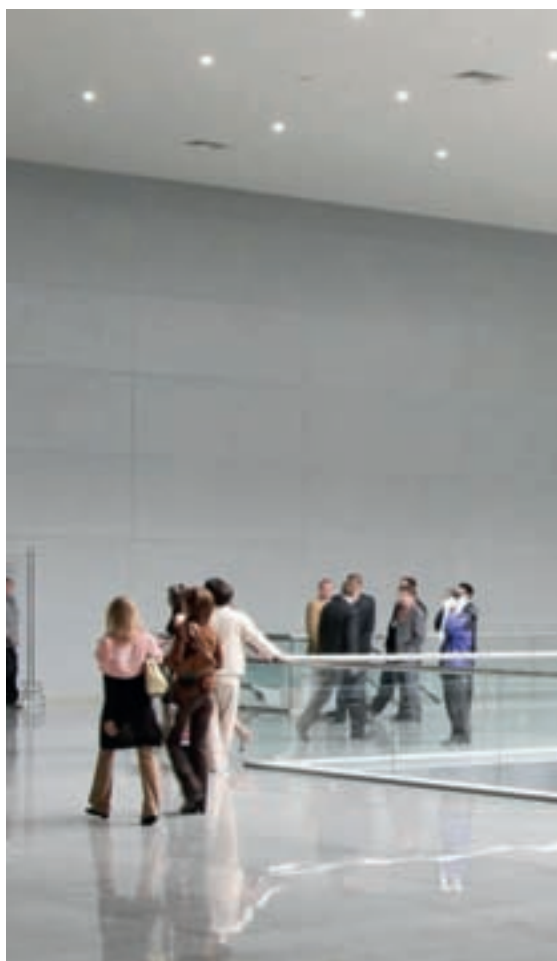
Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.25	9667
1.0	0.51	2417
1.5	0.76	1074
2.0	1.01	604
2.5	1.27	387
3.0	1.52	269

REFLECTOR

design Nicola Del Lungo



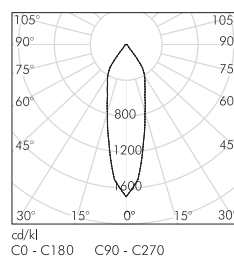
Incasso per illuminazione d'interni con parabola in alluminio. La gamma prevede versioni monocromatiche in tonalità calda e neutra.
The new Reflector for indoor use complete the spot range offering wide and powerful beam lumen output. Wide range of monochromatic emissions available.



136mm Ø
 10-25mm thickK

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47048.755.U70	3000K	1290	90	28°	White	220 240V	20W

Neutral White - 28°



Distance[m]	Cone Diameter[m]	Illuminance [lx]
0.5	0.25	9667
1.0	0.51	2417
1.5	0.76	1074
2.0	1.01	604
2.5	1.27	387
3.0	1.52	269

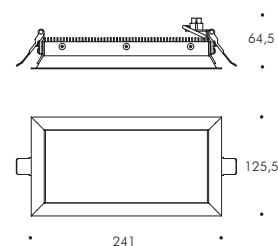
TILE

design Nicola Del Lungo



Applicazione a luce diffusa (emissione 120°) disponibile in versione 7W e 20W. Sono utilizzabili per illuminazione diretta ed indiretta.

Hi lumens flux LED (120° emission) indoor. 2 kinds of power available: 7W and 20W. Can be used for direct and indirect lighting.

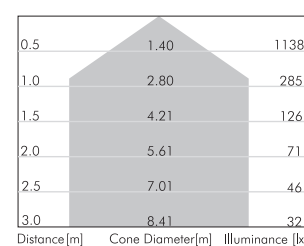
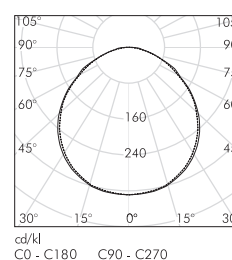


IP40
 231x116
10-25mm thick

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45840.730	3000K	830	85	120°	Silver Tranparent glass	24V DC	20W
45840.731	4000K	865		120°			

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45841.730	3000K	830	85	120°	White Tranparent glass	24V DC	20W
45841.731	4000K	865		120°			

Neutral White - 120°





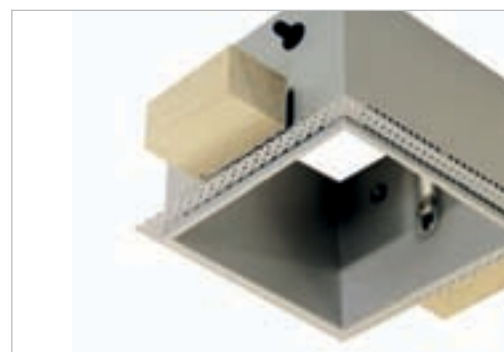
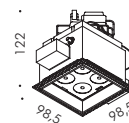
FLAT

design Daniele Monelli



Incasso per illuminazione d'interni costituito da un modulo luminoso singolo o doppio con 4 LED di potenza (a tono caldo o neutro). Monta lenti secondarie a fascio stretto, medio, o largo.

Spot for interior lighting. The single or double light modules consist of 4 power LEDs (warm or neutral tones) managed by latest-generation electronic profiles with secondary, narrow-beam, medium or wide lenses.



Trimless

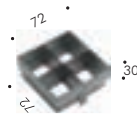


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45800.710.U10	3150K	610	93	6°	Silver	220 240V	8W
45800.710.U11				24°			
45800.710.U12				37°			
45800.711.U10	4325K	660	93	6°	Silver	220 240V	8W
45800.711.U11				24°			
45800.711.U12				37°			

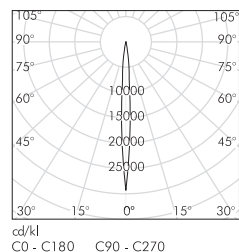
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45801.710.U10	3150K	610	93	6°	White	220 240V	8W
45801.710.U11				24°			
45801.710.U12				37°			
45801.711.U10	4325K	660	93	6°	White	220 240V	8W
45801.711.U11				24°			
45801.711.U12				37°			



Code	Description	Finish
85000	Accessorio darklight Darklight Accessories	Black

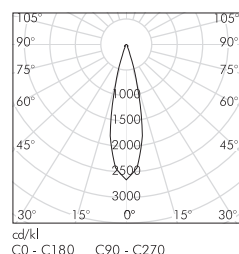


Neutral White - Narrow beam (6°)



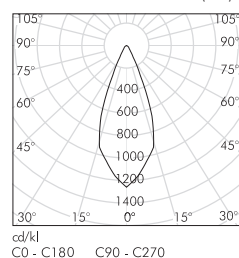
Distance [m]	Cone Diameter[m]	Illuminance [lx]
1.0	0.12	19360
2.0	0.23	4840
3.0	0.35	2151
4.0	0.46	1210
5.0	0.58	774
6.0	0.69	538
7.0	0.81	395

Neutral White - Medium beam (24°)



Distance [m]	Cone Diameter[m]	Illuminance [lx]
0.5	0.22	7001
1.0	0.44	1750
1.5	0.66	778
2.0	0.88	438
2.5	1.10	280
3.0	1.32	194

Neutral White - Wide beam (37°)



Distance [m]	Cone Diameter[m]	Illuminance [lx]
0.5	0.37	2165
1.0	0.74	541
1.5	1.12	241
2.0	1.49	135
2.5	1.86	87
3.0	2.23	60

Grafiche Antiga.
Showroom, Treviso.

Grafiche Antiga.
Showroom, Treviso.

Chi possiede una Monotype possiede una fonderia con duemila caratteri.
Lavora con una dotazione di tipi sempre nuovi e mobili. MONOTYPE CO. 1963

The owner of a Monotype machine is the owner of a foundry with two thousand typefaces.
He works with ever new and moving equipment. MONOTYPE CO. 1963



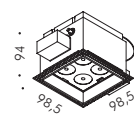
FLAT

design Daniele Monelli



Incasso per illuminazione d'interni costituito da un modulo luminoso singolo o doppio con 4 LED di potenza (a tono caldo o neutro). Monta lenti secondarie a fascio stretto, medio, o largo.

Spot for interior lighting. The single or double light modules consist of 4 power LEDs (warm or neutral tones) managed by latest-generation electronic profiles with secondary, narrow-beam, medium or wide lenses.



Trimless

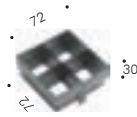


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45802.715.U10	3150K	610	93	6°	Silver	24V DC	8W
45802.715.U11				24°			
45802.715.U12				37°			
45802.716.U10	4325K	660	93	6°	Silver	24V DC	8W
45802.716.U11				24°			
45802.716.U12				37°			

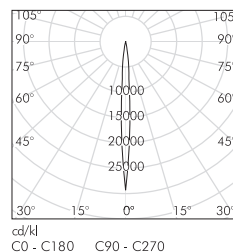
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45803.715.U10	3150K	610	93	6°	White	24V DC	8W
45803.715.U11				24°			
45803.715.U12				37°			
45803.716.U10	4325K	660	93	6°	White	24V DC	8W
45803.716.U11				24°			
45803.716.U12				37°			



Code	Description	Finish
85000	Accessorio darklight Darklight Accessories	Black

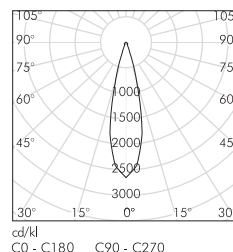


Neutral White - Narrow beam (6°)



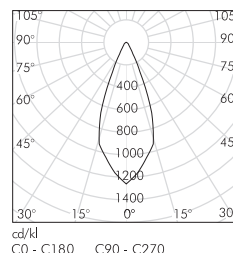
Distance[m]	Cone Diameter[m]	Illuminance [lx]
1.0	0.12	19360
2.0	0.23	4840
3.0	0.35	2151
4.0	0.46	1210
5.0	0.58	774
6.0	0.69	538
7.0	0.81	395

Neutral White - Medium beam (24°)



Distance[m]	Cone Diameter[m]	Illuminance [lx]
0.5	0.22	7001
1.0	0.44	1750
1.5	0.66	778
2.0	0.88	438
2.5	1.10	280
3.0	1.32	194

Neutral White - Wide beam (37°)

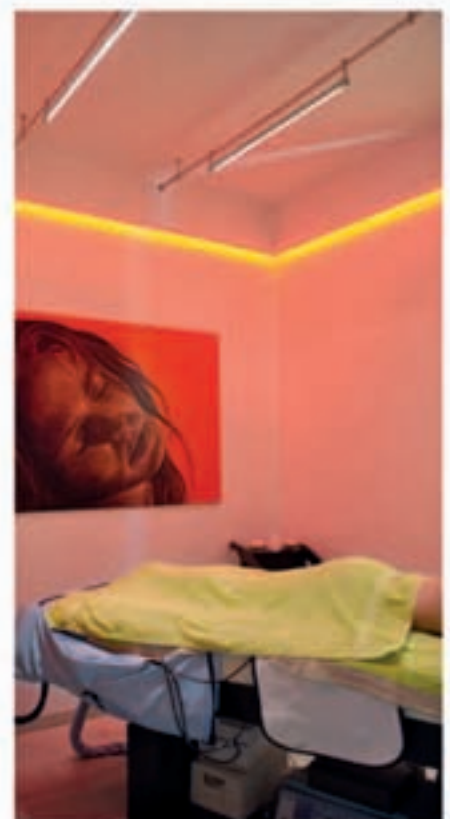
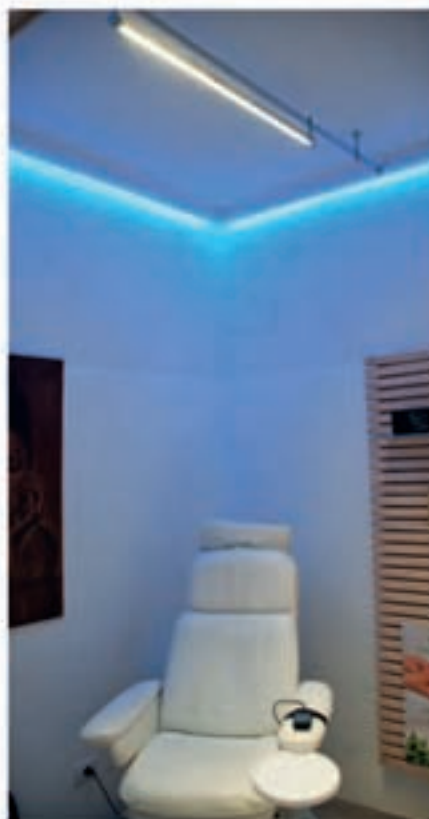
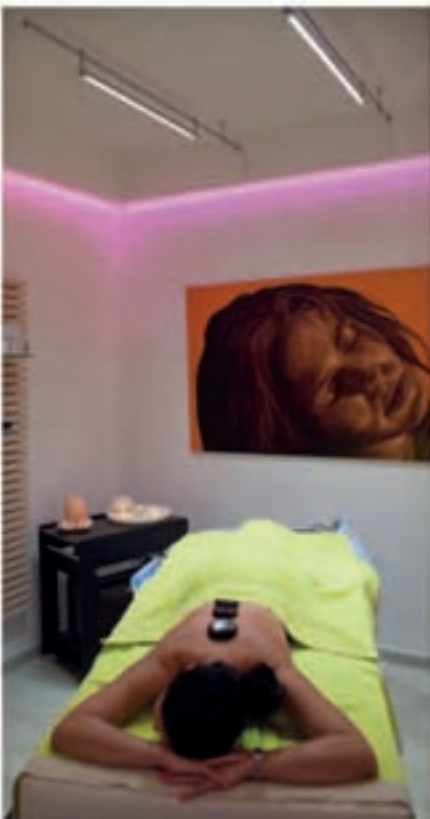


Distance[m]	Cone Diameter[m]	Illuminance [lx]
0.5	0.37	2165
1.0	0.74	541
1.5	1.12	241
2.0	1.49	135
2.5	1.86	87
3.0	2.23	60



Centro estetico Estè.
Città di Castello, Perugia.

Spa Estè.
Città di Castello, Perugia.



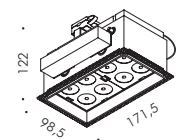
FLAT

design Daniele Monelli



Incasso per illuminazione d'interni costituito da un modulo luminoso singolo o doppio con 4 LED di potenza (a tono caldo o neutro). Monta lenti secondarie a fascio stretto, medio, o largo.

Spot for interior lighting. The single or double light modules consist of 4 power LEDs (warm or neutral tones) managed by latest-generation electronic profiles with secondary, narrow-beam, medium or wide lenses.



Trimless

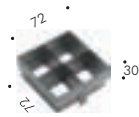


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45805.710.U10	3150K	3150	93	6°	Silver	220 240V	16W
45805.710.U11				24°			
45805.710.U12				37°			
45805.711.U10	4325K	4325	93	6°	Silver	220 240V	16W
45805.711.U11				24°			
45806.711.U12				37°			

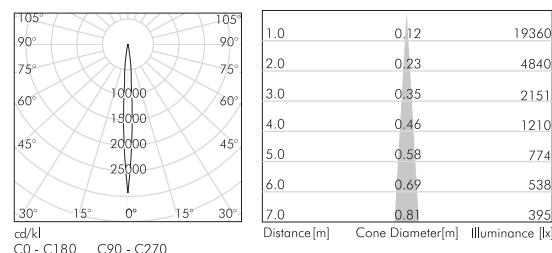
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45806.710.U10	3150K	3150	93	6°	White	220 240V	16W
45806.710.U11				24°			
45806.710.U12				37°			
45806.711.U10	4325K	4325	93	6°	White	220 240V	16W
45806.711.U11				24°			
45806.711.U12				37°			



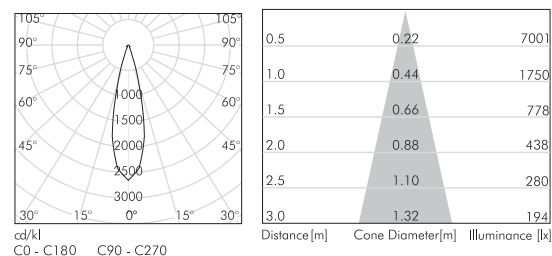
Code	Description	Finish
85000	Accessorio darklight Darklight Accessories	Black



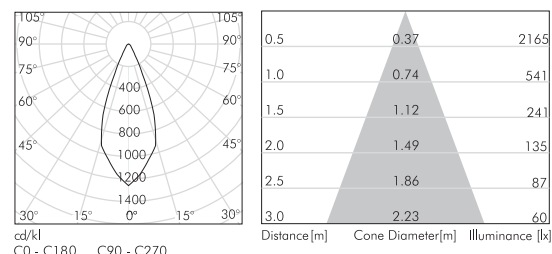
Neutral White 8W - Narrow beam (6°)



Neutral White 8W - Medium beam (24°)



Neutral White 8W - Wide beam (37°)



PHOTOMETRIC DATA USER GUIDE

I dati fotometrici si riferiscono al singolo modulo luminoso di base. L'apparecchio si compone di molteplici moduli luminosi da importare singolarmente nel software di calcolo illuminotecnico. The photometric data refers to the single base light module. The luminaire is composed of multiple light modules to be imported individually into the lighting engineering software

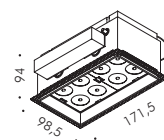
FLAT

design Daniele Monelli



Incasso per illuminazione d'interni costituito da un modulo luminoso singolo o doppio con 4 LED di potenza (a tono caldo o neutro). Monta lenti secondarie a fascio stretto, medio, o largo.

Spot for interior lighting. The single or double light modules consist of 4 power LEDs (warm or neutral tones) managed by latest-generation electronic profiles with secondary, narrow-beam, medium or wide lenses.



Trimless

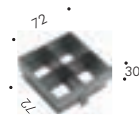


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45807.715.U10	3150K	3150	93	6°	Silver	24V DC	16W
45807.715.U11				24°			
45807.715.U12				37°			
45807.716.U10	4325K	4325	93	6°	Silver	24V DC	16W
45807.716.U11				24°			
45807.716.U12				37°			

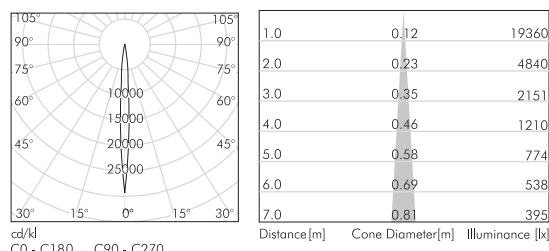
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45808.715.U10	3150K	3150	93	6°	White	24V DC	16W
45808.715.U11				24°			
45808.715.U12				37°			
45808.716.U10	4325K	4325	93	6°	White	24V DC	16W
45808.716.U11				24°			
45808.716.U12				37°			



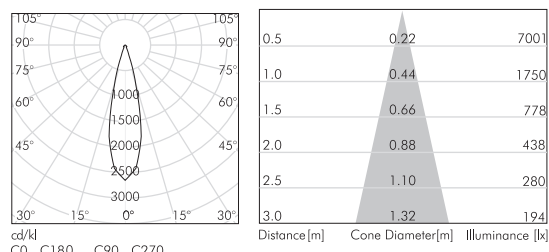
Code	Description	Finish
85000	Accessorio darklight Darklight Accessories	Black



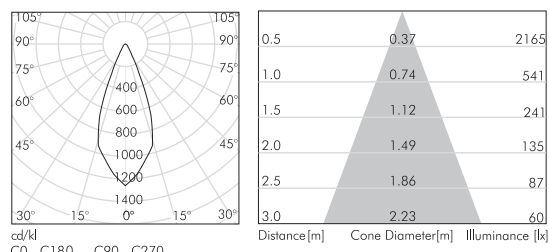
Neutral White 8W - Narrow beam (6°)



Neutral White 8W - Medium beam (24°)



Neutral White 8W - Wide beam (37°)



PHOTOMETRIC DATA USER GUIDE

2x8W

I dati fotometrici si riferiscono al singolo modulo luminoso di base. L'apparecchio si compone di molteplici moduli luminosi da importare singolarmente nel software di calcolo illuminotecnico. The photometric data refers to the single base light module. The luminaire is composed of multiple light modules to be imported individually into the lighting engineering software

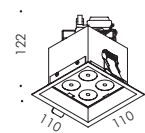
FLAT

design Daniele Monelli



Incasso per illuminazione d'interni costituito da un modulo luminoso singolo o doppio con 4 LED di potenza (a tono caldo o neutro). Monta lenti secondarie a fascio stretto, medio, o largo.

Spot for interior lighting. The single or double light modules consist of 4 power LEDs (warm or neutral tones) managed by latest-generation electronic profiles with secondary, narrow-beam, medium or wide lenses.



Trim

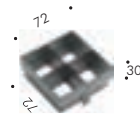


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45810.710.U10	3150K	610	93	6°	Silver	220 240V	8W
45810.710.U11				24°			
45810.710.U12				37°			
45810.711.U10	4325K	660	93	6°	Silver	220 240V	8W
45810.711.U11				24°			
45810.711.U12				37°			

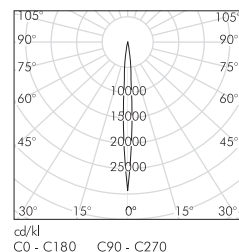
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45811.710.U10	3150K	610	93	6°	White	220 240V	8W
45811.710.U11				24°			
45811.710.U12				37°			
45811.711.U10	4325K	660	93	6°	White	220 240V	8W
45811.711.U11				24°			
45811.711.U12				37°			



Code	Description	Finish
85000	Accessorio darklight Darklight Accessories	Black

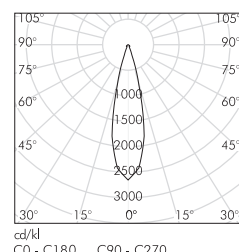


Neutral White - Narrow beam (6°)



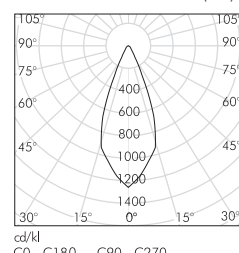
Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.12	19360
2.0	0.23	4840
3.0	0.35	2151
4.0	0.46	1210
5.0	0.58	774
6.0	0.69	538
7.0	0.81	395

Neutral White - Medium beam (24°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.22	7001
1.0	0.44	1750
1.5	0.66	778
2.0	0.88	438
2.5	1.10	280
3.0	1.32	194

Neutral White - Wide beam (37°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.37	2165
1.0	0.74	541
1.5	1.12	241
2.0	1.49	135
2.5	1.86	87
3.0	2.23	60

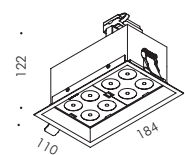
FLAT

design Daniele Monelli



Incasso per illuminazione d'interni costituito da un modulo luminoso singolo o doppio con 4 LED di potenza (a tono caldo o neutro). Monta lenti secondarie a fascio stretto, medio, o largo.

Spot for interior lighting. The single or double light modules consist of 4 power LEDs (warm or neutral tones) managed by latest-generation electronic profiles with secondary, narrow-beam, medium or wide lenses.



Trim

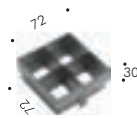


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45815.710.U10	3150K	3150	93	6°	Silver	220 240V	16W
45815.710.U11				24°			
45815.710.U12				37°			
45815.711.U10	4325K	4325	93	6°	Silver	220 240V	16W
45815.711.U11				24°			
45815.711.U12				37°			

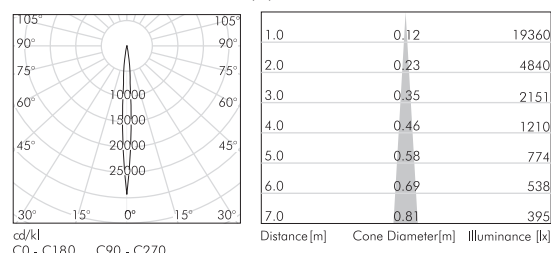
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45816.710.U10	3150K	3150	93	6°	White	220 240V	16W
45816.710.U11				24°			
45816.710.U12				37°			
45816.711.U10	4325K	4325	93	6°	White	220 240V	16W
45816.711.U11				24°			
45816.711.U12				37°			



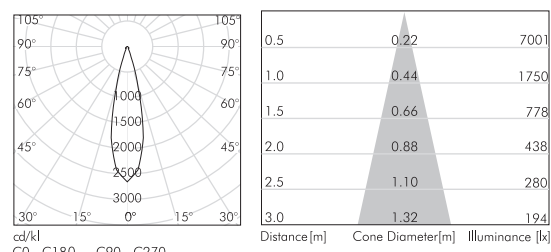
Code	Description	Finish
85000	Accessorio darklight Darklight Accessories	Black



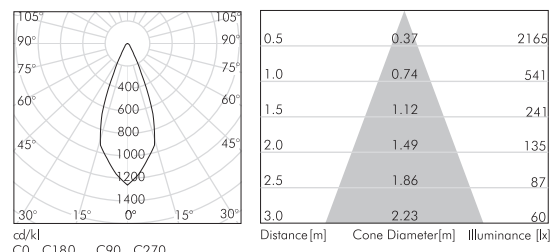
Neutral White 8W - Narrow beam (6°)



Neutral White 8W - Medium beam (24°)



Neutral White 8W - Wide beam (37°)



PHOTOMETRIC DATA USER GUIDE

I dati fotometrici si riferiscono al singolo modulo luminoso di base.
L'apparecchio si compone di molteplici moduli luminosi da importare singolarmente nel software di calcolo illuminotecnico.
The photometric data refers to the single base light module.
The luminaire is composed of multiple light modules to be imported individually into the lighting engineering software

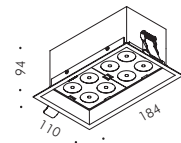
FLAT

design Daniele Monelli



Incasso per illuminazione d'interni costituito da un modulo luminoso singolo o doppio con 4 LED di potenza (a tono caldo o neutro). Monta lenti secondarie a fascio stretto, medio, o largo.

Spot for interior lighting. The single or double light modules consist of 4 power LEDs (warm or neutral tones) managed by latest-generation electronic profiles with secondary, narrow-beam, medium or wide lenses.



Trim

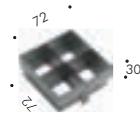


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45817.715.U10	3150K	3150	93	6°	Silver	24V DC	16W
45817.715.U11				24°			
45817.715.U12				37°			
45817.716.U10	4325K	4325	93	6°	Silver	24V DC	16W
45817.716.U11				24°			
45817.716.U12				37°			

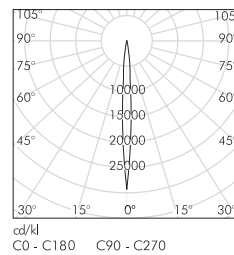
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45818.715.U10	3150K	3150	93	6°	White	24V DC	16W
45818.715.U11				24°			
45818.715.U12				37°			
45818.716.U10	4325K	4325	93	6°	White	24V DC	16W
45818.716.U11				24°			
45818.716.U12				37°			



Code	Description	Finish
85000	Accessorio darklight Darklight Accessories	Black

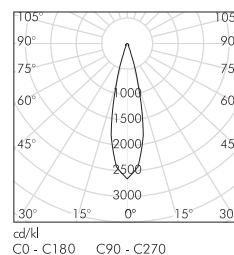


Neutral White 8W - Narrow beam (6°)



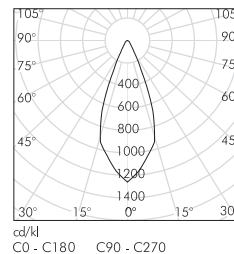
Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.12	19360
2.0	0.23	4840
3.0	0.35	2151
4.0	0.46	1210
5.0	0.58	774
6.0	0.69	538
7.0	0.81	395

Neutral White 8W - Medium beam (24°)



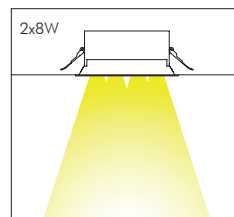
Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.22	7000
1.0	0.44	1750
1.5	0.66	778
2.0	0.88	438
2.5	1.10	280
3.0	1.32	194

Neutral White 8W - Wide beam (37°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.37	2165
1.0	0.74	541
1.5	1.12	241
2.0	1.49	135
2.5	1.86	87
3.0	2.23	60

PHOTOMETRIC DATA USER GUIDE



I dati fotometrici si riferiscono al singolo modulo luminoso di base.
L'apparecchio si compone di molteplici moduli luminosi da importare singolarmente nel software di calcolo illuminotecnico.
The photometric data refers to the single base light module.
The luminaire is composed of multiple light modules to be imported individually into the lighting engineering software

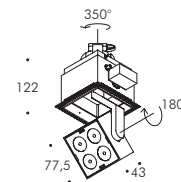
FLAT

design Daniele Monelli



Incasso per illuminazione d'interni costituito da un modulo luminoso singolo o doppio con 4 LED di potenza (a tono caldo o neutro). Monta lenti secondarie a fascio stretto, medio, o largo.

Spot for interior lighting. The single or double light modules consist of 4 power LEDs (warm or neutral tones) managed by latest-generation electronic profiles with secondary, narrow-beam, medium or wide lenses.



Adjustable

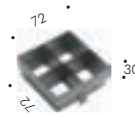


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45820.710.U10	3150K	610	93	6°	Silver	220 240V	8W
45820.710.U11				24°			
45820.710.U12				37°			
45820.711.U10	4325K	660	93	6°	Silver	220 240V	8W
45820.711.U11				24°			
45820.711.U12				37°			

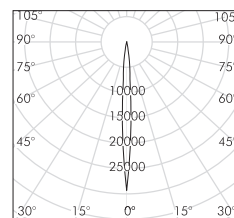
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45821.710.U10	3150K	610	93	6°	White	220 240V	8W
45821.710.U11				24°			
45821.710.U12				37°			
45821.711.U10	4325K	660	93	6°	White	220 240V	8W
45821.711.U11				24°			
45821.711.U12				37°			



Code	Description	Finish
85000	Accessorio darklight Darklight Accessories	Black



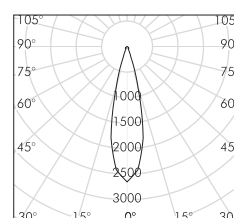
Neutral White - Narrow beam (6°)



cd/kl
C0 - C180 C90 - C270

Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.12	19360
2.0	0.23	4840
3.0	0.35	2151
4.0	0.46	1210
5.0	0.58	774
6.0	0.69	538
7.0	0.81	395

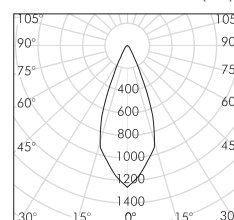
Neutral White - Medium beam (24°)



cd/kl
C0 - C180 C90 - C270

Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.22	7001
1.0	0.44	1750
1.5	0.66	778
2.0	0.88	438
2.5	1.10	280
3.0	1.32	194

Neutral White - Wide beam (37°)



cd/kl
C0 - C180 C90 - C270

Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.37	2165
1.0	0.74	541
1.5	1.12	241
2.0	1.49	135
2.5	1.86	87
3.0	2.23	60

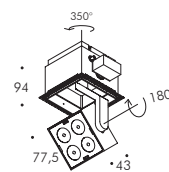
FLAT

design Daniele Monelli



Incasso per illuminazione d'interni costituito da un modulo luminoso singolo o doppio con 4 LED di potenza (a tono caldo o neutro). Monta lenti secondarie a fascio stretto, medio, o largo.

Spot for interior lighting. The single or double light modules consist of 4 power LEDs (warm or neutral tones) managed by latest-generation electronic profiles with secondary, narrow, medium or wide lenses.



Adjustable

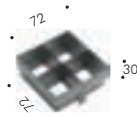


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45822.715.U10	3150K	610	93	6°	Silver	24V DC	8W
45822.715.U11				24°			
45822.715.U12				37°			
45822.716.U10	4325K	660	93	6°			
45822.716.U11				24°			
45822.716.U12				37°			

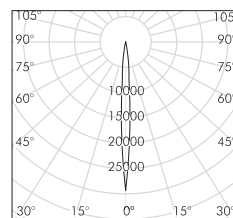
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
45823.715.U10	3150K	610	93	6°	White	24V DC	8W
45823.715.U11				24°			
45823.715.U12				37°			
45823.716.U10	4325K	660	93	6°			
45823.716.U11				24°			
45823.716.U12				37°			



Code	Description	Finish
85000	Accessorio darklight Darklight Accessories	Black

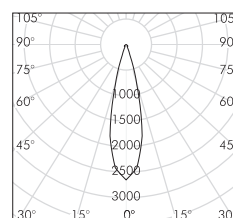


Neutral White - Narrow beam (6°)



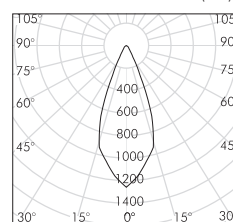
Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.12	19360
2.0	0.23	4840
3.0	0.35	2151
4.0	0.46	1210
5.0	0.58	774
6.0	0.69	538
7.0	0.81	395

Neutral White - Medium beam (24°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.22	7001
1.0	0.44	1750
1.5	0.66	778
2.0	0.88	438
2.5	1.10	280
3.0	1.32	194

Neutral White - Wide beam (37°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.37	2165
1.0	0.74	541
1.5	1.12	241
2.0	1.49	135
2.5	1.86	87
3.0	2.23	60

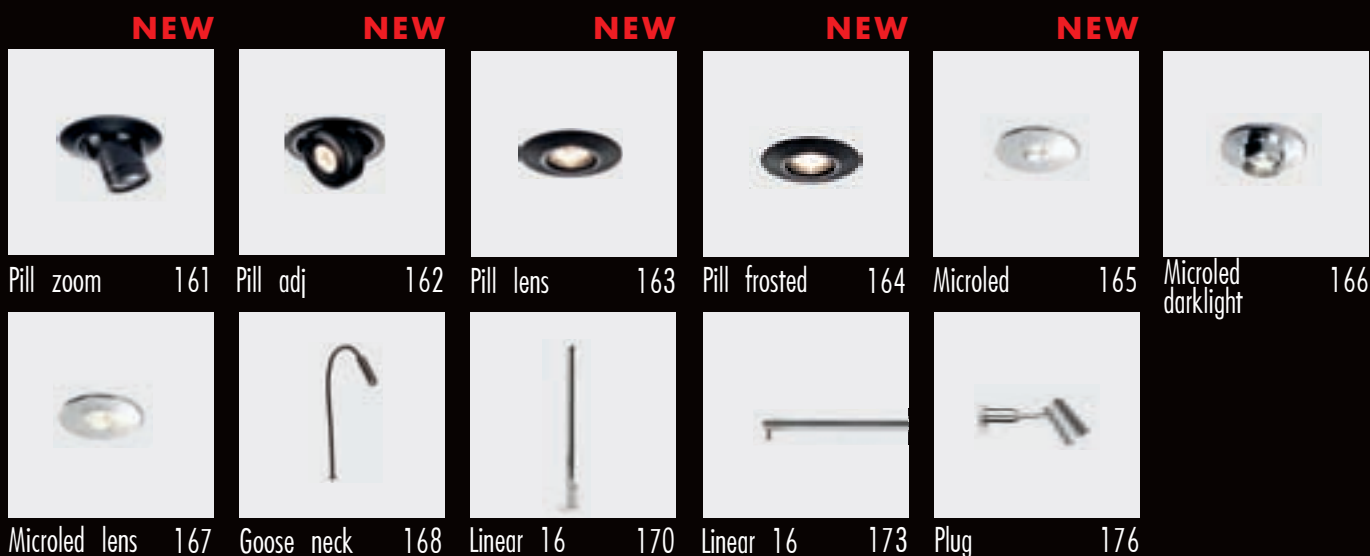
07.

DISPLAY

La tecnologia d'illuminazione led si è andata affermando in ambiti diversificati. L'utilizzo tradizionale, che ha dettato i primi passi dei led nel mondo della luce, è sicuramente richiamabile all'illuminazione di espositori, vetrine e display.

La crescita tecnologica, il miglioramento qualitativo degli emitter ed il sostanziale abbattimento dei costi decretano oggi il monopolio quasi totalizzante della sorgente led in questo campo di applicazione. La gamma che viene presentata nelle pagine seguenti associa qualità d'emissione ad ingombri ridottissimi. L'esecuzione estremamente curata delle meccaniche unitamente alla perfezione tecnologica dei componenti utilizzati garantisce i massimi standard qualitativi. Apparecchi con o senza ottiche secondarie, diverse potenze, ingombri diversificati si integrano in un range ampio che riassume le principali soluzioni applicative.

Led lighting sources cover today many application fields. At the beginning, this innovative technology, have been applied for display, cabinet and show cases. The strong increase of performances, study and research, connected with price drop down of LED emitter confirm today the led lighting as leader for this section of jobs. In our range, we can ensure performances, high emission and extremely small sizes. All mechanical parts and finish are top level. Products without lenses, some others complete of secondary optics, different sizes, all them ready to install to cover the main use on display lighting.



PLAY

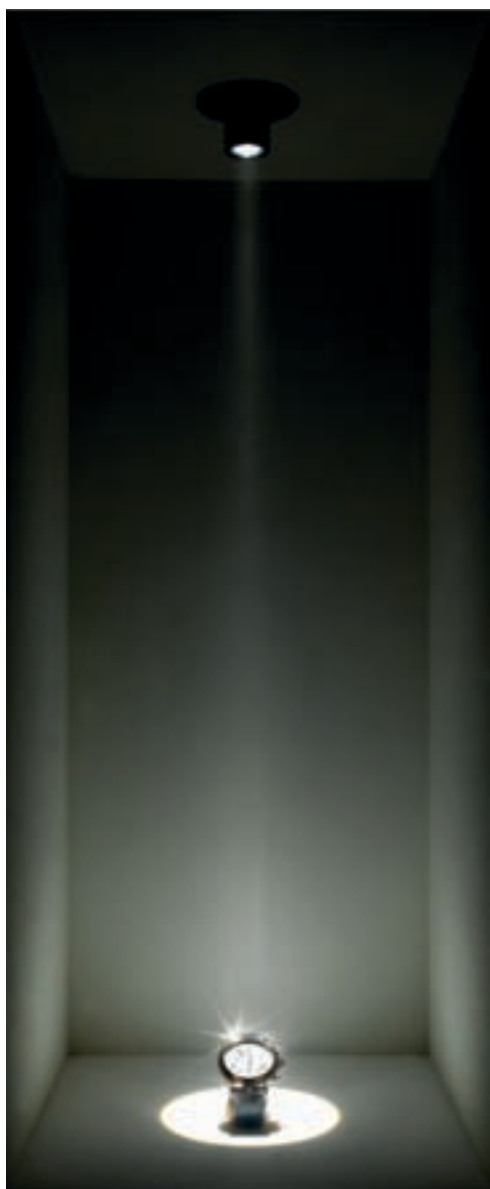
Sistema a binario in bassa tensione
Low voltage track system



Plug 180



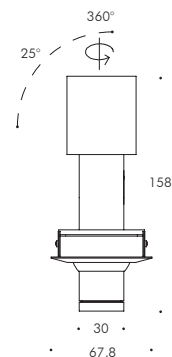




PILL zoom

design Nicola Del Lungo

Dispositivo orientabile da incasso per interni realizzato in alluminio anodizzato nero con sistema di fissaggio tramite molle in acciaio. E' possibile orientare in altezza il corpo centrale del prodotto. L'ottica con sistema di concentrazione del flusso luminoso permette l'ottenimento di un fascio estremamente concentrato.
Recessed device for indoor installation. Black anodized aluminum body and steel springs fixing system. Adjustable central body. Device with luminous flux concentration system in order to obtain a high concentrated extra narrow beam angle.



Corpo centrale regolabile in altezza.
Adjustable body.



700

110



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
48015	3000K	-	80 min.	Round shaper	Black anodized aluminum	350 500mA	5-7W
48016	4000K	-					

PILL adjustable

design Nicola Del Lungo



Dispositivo orientabile da incasso per interni realizzato in alluminio anodizzato nero con sistema di fissaggio tramite molle in acciaio.

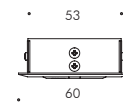
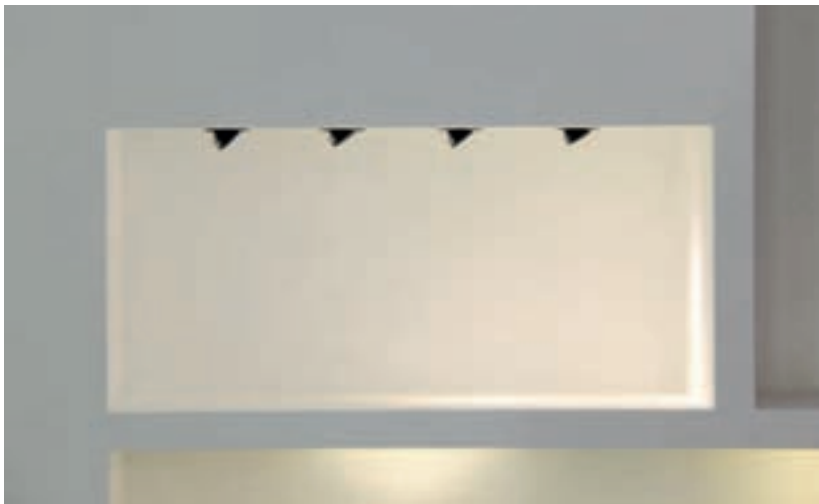
Tre ottiche secondarie (lenti) e due temperature colore disponibili.

Data l'altezza ridottissima e le dimensioni contenute è ideale, oltre che per illuminazione di teche e nicchie, per installazione in mensole ed ovunque siano richiesti spessori ridotti.

Adjustable recessed device for indoor installation.

Black anodized aluminum body and steel springs fixing system. Three secondary optics (lenses) and two colour temperature available.

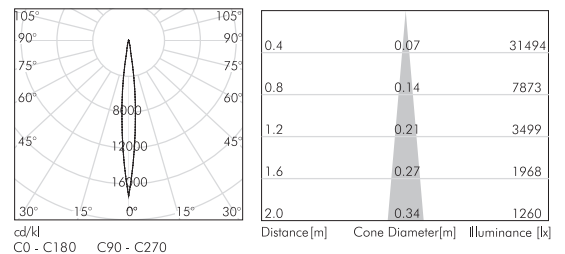
Thanks to small height and the small dimensions it is ideal for lighting of display cases and niches, as well as for installation in shelves and everywhere it's required reduced thickness.



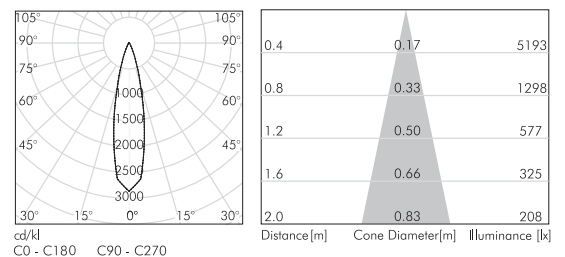
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
48000.U20	3150K	90-270	93	10°	Black anodized aluminum	350 700mA	1-3W
48000.U21				20°			
48000.U22				38°			
48001.U20	4325K	98-290	80 min.	10°			
48001.U21				20°			
48001.U22				38°			

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
48002.U20	3150K	90-270	93	10°	White anodized aluminum	350 700mA	1-3W
48002.U21				20°			
48002.U22				38°			
48003.U20	4325K	98-290	80 min.	10°			
48003.U21				20°			
48003.U22				38°			

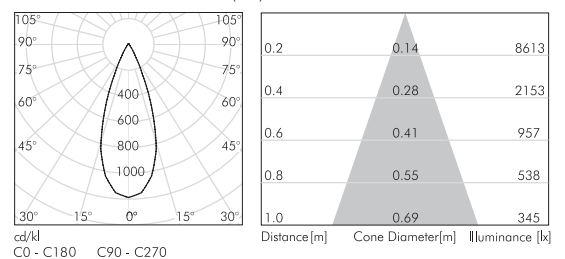
Neutral White 3W - Narrow beam (10°)



Neutral White 3W - Medium beam (20°)



Neutral White 3W - Wide beam (38°)





PILL lens

design Nicola Del Lungo

Dispositivo da incasso per interni realizzato in alluminio anodizzato nero con sistema di fissaggio tramite molle in acciaio.

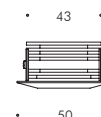
Tre ottiche secondarie (lenti) e due temperature colore disponibili.

Data l'altezza ridottissima e le dimensioni contenute è ideale, oltre che per illuminazione di teche e nicchie, per installazione in mensole ed ovunque siano richiesti spessori ridotti.

Recessed device for indoor installation.

Black anodized aluminum body and steel springs fixing system. Three secondary optics (lenses) and two colour temperature available.

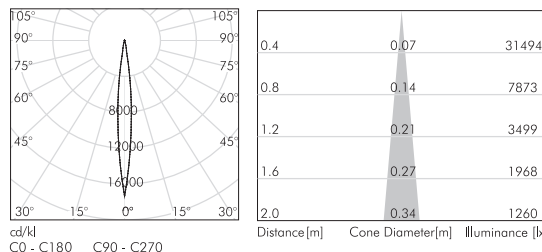
Thanks to small height and the small dimensions it is ideal for lighting of display cases and niches, as well as for installation in shelves and everywhere it's required reduced thickness.



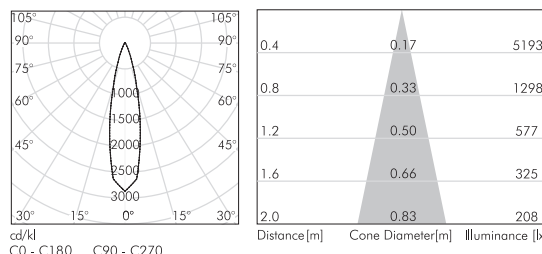
Code	Light temp.	Im	CRI	Optic	Finish	Power feed	Power
48005.U20	3150K	90-270	93	10°	Black anodized aluminum	350 700mA	1-3W
48005.U21				20°			
48005.U22				38°			
48006.U20	4325K	98-290	80 min.	10°			
48006.U21				20°			
48006.U22				38°			

Code	Light temp.	Im	CRI	Optic	Finish	Power feed	Power
48007.U20	3150K	90-270	93	10°	White anodized aluminum	350 700mA	1-3W
48007.U21				20°			
48007.U22				38°			
48008.U20	4325K	98-290	80 min.	10°			
48008.U21				20°			
48008.U22				38°			

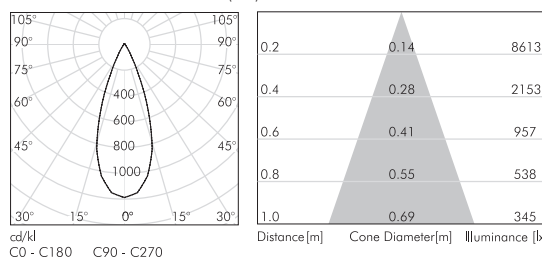
Neutral White 3W - Narrow beam (10°)



Neutral White 3W - Medium beam (20°)



Neutral White 3W - Wide beam (38°)



PILL frosted

design Nicola Del Lungo



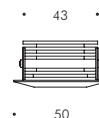
Dispositivo orientabile da incasso per interni realizzato in alluminio anodizzato nero con sistema di fissaggio tramite molle in acciaio.

Tre ottiche secondarie (lenti) e due temperature colore disponibili.

Data l'altezza ridottissima e le dimensioni contenute è ideale, oltre che per illuminazione di teche e nicchie, per installazione in mensole ed ovunque siano richiesti spessori ridotti.

Adjustable recessed device for indoor installation. Black anodized aluminum body and steel springs fixing system. Three secondary optics (lenses) and two colour temperature available.

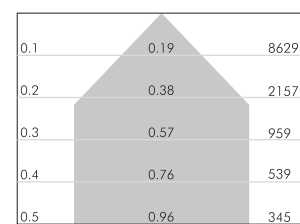
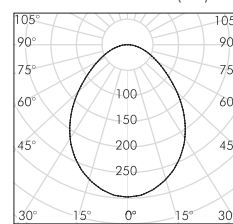
Thanks to small height and the small dimensions it is ideal for lighting of display cases and niches, as well as for installation in shelves and everywhere it's required reduced thickness.



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
48010	3150K	90-270	93	90°	Black anodized aluminum	350 700mA	1-3W
48011	4325K	98-290	80 min.	90°			

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
48012	3150K	90-270	93	90°	White anodized aluminum	350 700mA	1-3W
48013	4325K	98-290	80 min.	90°			

Neutral 3W Wide beam (90°)



cd/kl C0 - C180 C90 - C270

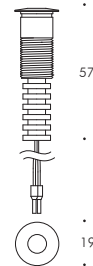
MICROLED

design Nicola Del Lungo



Elemento da incasso per interni realizzato in alluminio e frontale cromato dalle dimensioni estremamente contenute. E' fornito completo di kit d'installazione che ne prevede il fissaggio con molla o ghiera filettata.

Very small downlight with aluminum body and chrome head. Installation kit include spring and threaded ring.



No lens

Kit per il montaggio / Installation kit



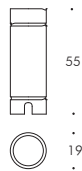
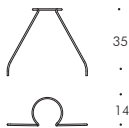
Ghiera filettata in alluminio per installazione su superfici.
Aluminum threaded ring nut.



Molla in acciaio.
Steel spring.

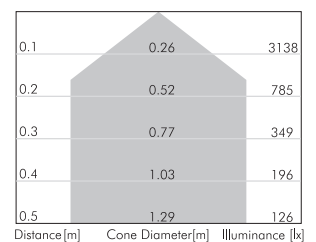
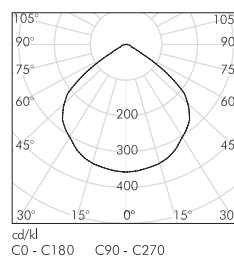


Cassaforma in PBT per installazione in muratura.
PBT housing to install the spot in concrete.



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47100	3000K	74	80	100°	Transparent powder coating Chrome	350mA	1W
47101	4000K	88					
47102	Blue	-					
47103	Red	-					

Neutral White - 100°

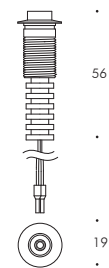


MICROLED

design Nicola Del Lungo



Elemento da incasso per interni realizzato in alluminio e frontale cromato dalle dimensioni estremamente contenute. E' fornito completo di kit d'installazione che ne prevede il fissaggio con molla o ghiera filettata. E' dotato di riflettore dark light, non impiega ottiche secondarie
Very small downlight with aluminum body and chrome head. Installation kit include spring and threaded ring. Dark light small reflector installed on top side. This product do not use a secondary optical device.



Darklight

Kit per il montaggio / Installation kit



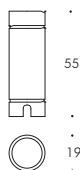
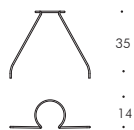
Ghiera filettata in alluminio per installazione su superfici.
 Aluminum threaded ring nut.



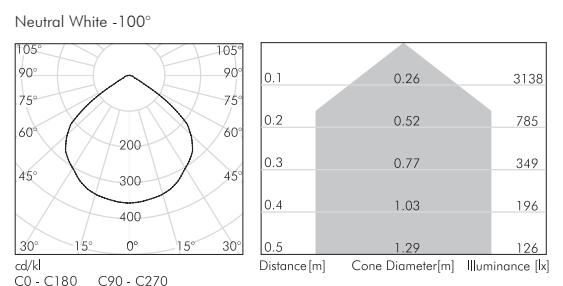
Molla in acciaio.
 Steel spring.



Cassaforma in PBT per installazione in muratura.
 PBT housing to install the spot in concrete.



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47105	3000K	74	80	100°	Transparent powder coating Chrome	350mA	1W
47106	4000K	88					
47107	Blue	-	-				
47108	Red	-	-				



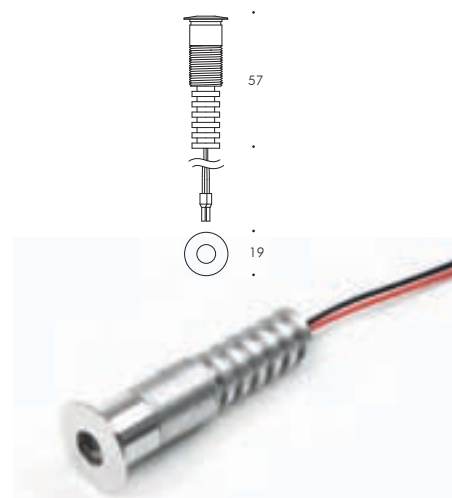


MICROLED

design Nicola Del Lungo

Elemento da incasso per interni realizzato in alluminio e frontale cromato dalle dimensioni estremamente contenute. E' fornito completo di kit d'installazione che ne prevede il fissaggio con molla o ghiera filettata. Questo modello è dotato di una lente secondaria.

Very small downlight with aluminum body and chrome head. Installation kit include spring and threaded ring. his model use a secondary optics device.



Lens

Kit per il montaggio / Installation kit



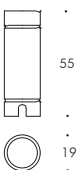
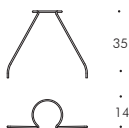
Ghiera filettata in alluminio per installazione su superfici.
Aluminum threaded ring nut.



Molla in acciaio.
Steel spring.

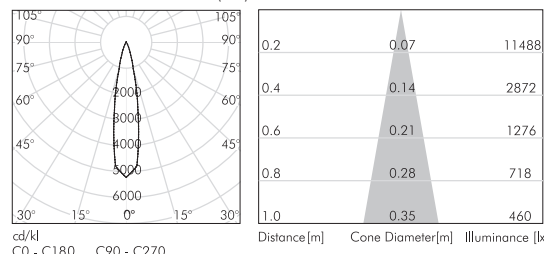


Cassaforma in PBT per installazione in muratura.
PBT housing to install the spot in concrete.

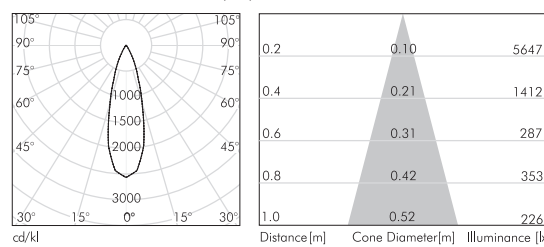


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
47110.U60	3000K	74	80	16°	Transparent powder coating Chromew	350mA	1W
47110.U61				24°			
47110.U62				41°			
47111.U60	4000K	88	80	16°			
47111.U61				24°			
47111.U62				41°			

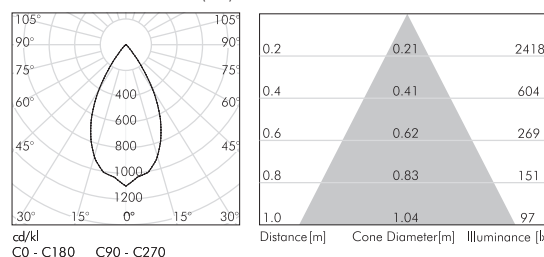
Neutral White - Narrow beam (16°)



Neutral White - Medium beam (24°)



Neutral White - Wide beam (41°)



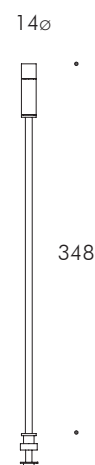
GOOSE NECK

design Nicola Del Lungo

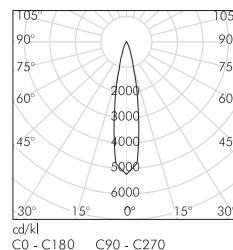


Dispositivo minimale per illuminazione puntuale e direzionale di teche ed ambienti espositivi. Nella testa orientabile, dalle dimensioni ridottissime, sono alloggiate elettronica ed ottica intercambiabile. Un sistema miniaturizzato ma molto efficiente. *Minimal spot device for directional lighting in showrooms.*

A miniaturized but very efficient system, composed by very small electronic and interchangeable optics, is housed in the swivel head.

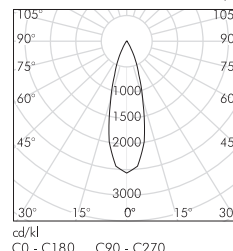


Neutral White - Narrow beam (20°)



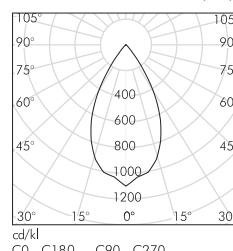
Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.2	0.07	11488
0.4	0.14	2872
0.6	0.21	1276
0.8	0.28	718
1.0	0.35	460

Neutral White - Medium beam (30°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.2	0.10	5647
0.4	0.21	1412
0.6	0.31	627
0.8	0.42	353
1.0	0.52	226

Neutral White - Wide beam (55°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.2	0.21	2418
0.4	0.41	604
0.6	0.62	269
0.8	0.83	151
1.0	1.04	97

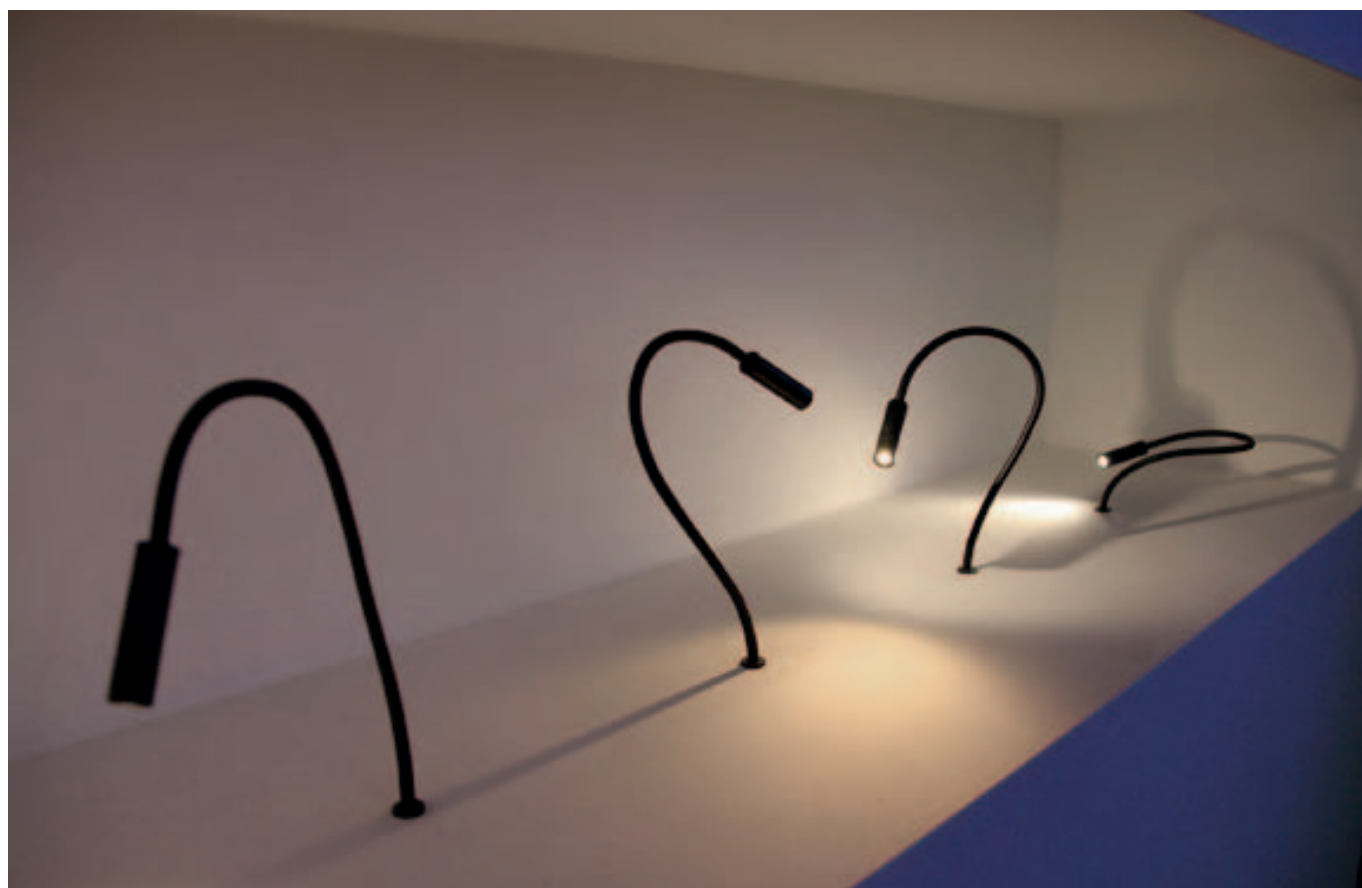
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Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
44150.U60	3000K	74	85	20°	Black anodized aluminum	350 mA	1W
44150.U61				30°			
44150.U62				55°			
44151.U60	4000K	88	85	20°			
44151.U61				30°			
44151.U62				55°			

Showroom Altatensione

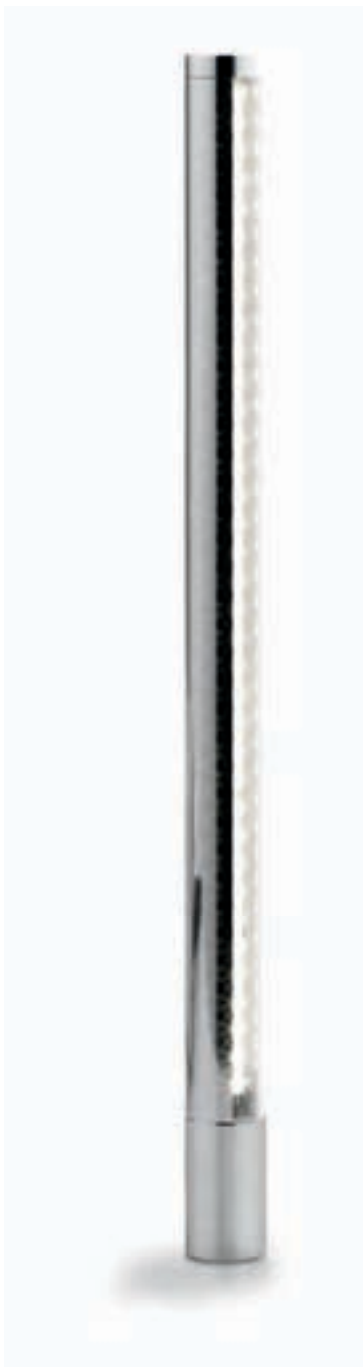
La prima teca mostra la performance del prodotto nell'illuminare un gioiello, la seconda teca la flessibilità nell'orientare il fascio luminoso.

The first display cabinet shows the performance of the product in lighting a jewel, the second the flexibility in directing the light beam.



LINEAR 16

design Daniele Monelli



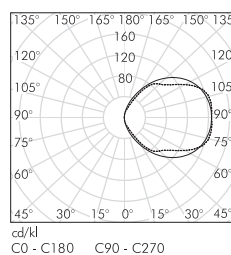
Sistema d'illuminazione per vetrine dalle dimensioni estremamente ridotte. La sorgente è realizzata in alluminio con speciale trattamento di superficie. Impiega una scheda led con 32 emitter di altissima qualità. E' garantita la stabilità dei toni colore e dei livelli di luminosità emessi. Flusso luminoso prossimo ai 150 lumens complessivi con emissione diffusa. Uno schermo in policarbonato protegge le parti elettroniche e completa l'estetica del prodotto. Disponibile una versione per installazione sul piano orizzontale ed una variante che prevede l'impiego verticale.

Small size show case led lighting system. Aluminum housing with special surface treatment. Led board with 32 high quality emitters. Granted colors tone and lighting level stability. Diffused lighting emission closed to 150 lumens. Transparent polycarbonate shade installed to protect electronic board. Both available horizontal and vertical applications.



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
44200.700	3000K	165	85	100°	Chrome Light frosted	24V DC	3,6W
44200.701	4000K	175		100°			

Neutral White - 100°



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.1	0.24	5803
0.2	0.48	1451
0.3	0.72	645
0.4	0.95	363
0.5	1.19	232







LINEAR 16

design Daniele Monelli

Sistema d'illuminazione per vetrine dalle dimensioni ridotte. La sorgente è realizzata in alluminio con speciale trattamento di superficie. Disponibile una versione per installazione sul piano orizzontale ed una variante che prevede l'impiego verticale.

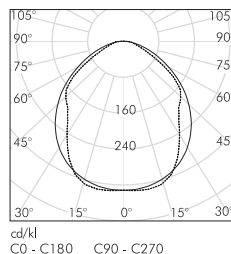
Small size show case led lighting system. Aluminum housing with special surface treatment. Both available horizontal and vertical applications.



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
44205.700	3000K	165	85	100°	Chrome Light frosted	24V DC	3,6W
44205.701	4000K	175		100°			



Neutral White 3,6W - 100°

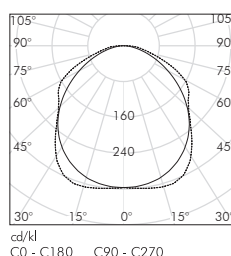


Distance[m]	Cone Diameter[m]	Illuminance [lx]
0.1	0.24	5803
0.2	0.48	1451
0.3	0.72	645
0.4	0.95	363
0.5	1.19	232

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
44210.700	3000K	330	85	100°	Chrome Light frosted	24V DC	7,2W
44210.701	4000K	350		100°			

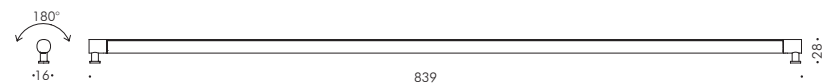


Neutral White - 7,2W - 100°

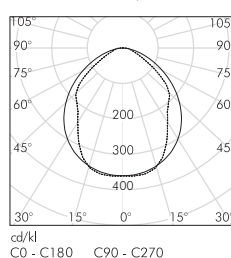


Distance[m]	Cone Diameter[m]	Illuminance [lx]
0.1	0.34	11091
0.2	0.68	2773
0.3	1.01	1232
0.4	1.35	693
0.5	1.69	444

Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
44215.700	3000K	660	85	100°	Chrome Light frosted	24V DC	14,4W
44215.701	4000K	700		100°			



Neutral White - 14,4W - 100°



Distance[m]	Cone Diameter[m]	Illuminance [lx]
0.1	0.21	25229
0.2	0.42	6307
0.3	0.62	2803
0.4	1.05	1577
0.5	1.04	1009



Grafiche Antiga
Fondazione tipoteca Italiana
Treviso

*Grafiche Antiga
Italian foundation tipoteca
Treviso*

Arch. Marco Ditadi

ESPOSIZIONE PIANO PRIMO

Illuminazione degli spazi museali adibite all'esposizione di materiale stampato, comprendente testi ricchi di fascino e di storia. Per evidenziare a dovere caratteristiche, colori e peculiarità dei singoli oggetti sono stati impiegati spot ed elementi LINEAR 16 integrati nelle teche in legno.

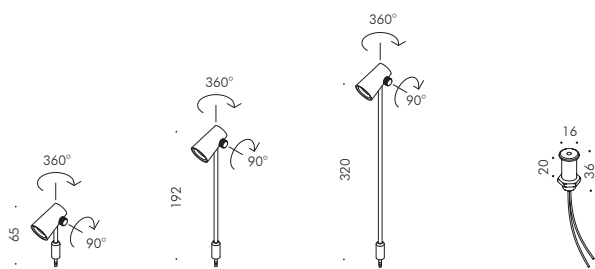
EXPOSITION FIRST FLOOR

Lighting museum spaces displaying printed material, including captivating and historical texts. Spot elements were used to highlight characteristics, colours and details of individual objects and LINEAR 16 elements were used in the wood display cases.



Installazione di prodotti specifici della serie LINEAR 16 di lunghezza 150cm. Questi profili ad altissima resa, estremamente sottili alla vista, hanno garantito una quantità ed una qualità luminosa decisamente elevata.
Installation of specific 150 cm long products of the LINEAR 16 series. These very high performance profiles, which are extremely thin, provided a particularly large amount of high quality light.





40030
40031 **40035**
40036 **40040**
40041 **40027**

PLUG

design Daniele Monelli

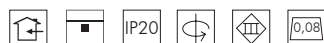
Apparecchio orientabile a luce spot per illuminazione in ambito museale, opere d'arte e gioielleria. L'intercambiabilità dello spot è offerta dal sistema di connessione "mini easy jack 1/8 trs".
An orientable spotlight fixture for illuminating works of art and jewellery in a museum setting. A "mini easy jack 1/8 trs" connection system allows the interchangeability of spots.



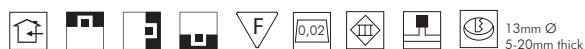
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
44030.U20	3150K	90-270	93	10°	Brushed Clear painted	350 700mA	1-3W
44030.U21				20°			
44030.U22				38°			
44031.U20	4325K	98-290		10°			
44031.U21				20°			
44031.U22				38°			



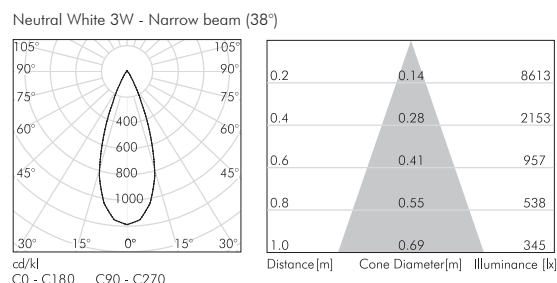
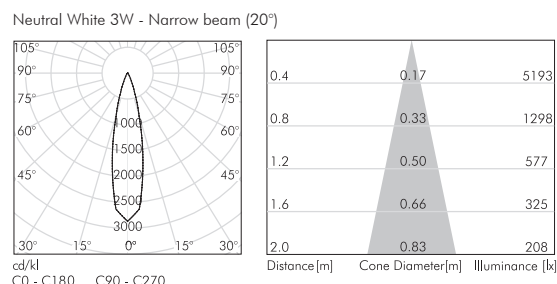
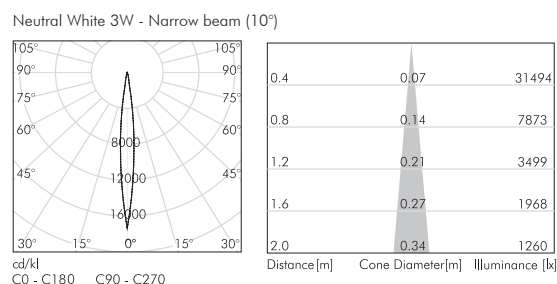
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
44035.U20	3150K	90-270	93	10°	Brushed Clear painted	350 700mA	1-3W
44035.U21				20°			
44035.U22				38°			
44036.U20	4325K	98-290		10°			
44036.U21				20°			
44036.U22				38°			



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
44040.U20	3150K	90-270	93	10°	Brushed Clear painted	350 700mA	1-3W
44040.U21				20°			
44040.U22				38°			
44041.U20	4325K	98-290		10°			
44041.U21				20°			
44041.U22				38°			



Code	Description	Finish
44027	Connettore femmina, 200mm (mini easy jack 1/8 trs) incassato per pannelli. Female recessed panel adaptor, 200mm (mini easy jack 1/8 trs).	Brushed and clear painted







Con gli apparecchi PLUG si riescono a creare interessanti punti di attrazione che catturano l'interesse. Il LED emette una luce molto concentrata, con la quale è possibile produrre un'efficace illuminazione d'accento senza dispersioni, ideale per evidenziare dettagli o mettere in scena superfici e materiali.

With the use of PLUG, one can create special points of focus to attract the attention of the onlooker. LED systems emit a highly concentrated light which allows one to produce a spotlight effect without light dispersion. This makes them perfect for highlighting details or bringing out the qualities of different surfaces and materials.



Collezione privata di arte etrusca.
Firenze.

Private collection of Etruscan art.
Florence

Gli apparecchi PLUG sono stati progettati per applicazioni di illuminazione professionali che richiedono sia elevata qualità della luce sia sostenibilità a lungo termine.

Gli apparecchi garantiscono una resa cromatica molto elevata in tutti gli spettri di colore. La direzione dell'apparecchio di illuminazione può essere regolata durante e dopo l'installazione.

PLUG systems for display lighting have been specifically designed for professional lighting installations which require high quality lighting in conjunction with long term sustainability. These specialist systems ensure a very high chromatic performance in all colour spectrums.

The direction of the light focus can be adapted both during and after installation.



PLAY TRACK KIT

Vertical installation



Horizontal installation



Vertical adapter



Horizontal adapter



Plug spot: short - medium - long size



Il sistema PLAY si sviluppa su un MINIBinario a bassissima tensione adattabile alle diverse necessità: può essere installato orizzontalmente per minimizzarne l'oggetto dalla superficie d'appoggio, piuttosto che verticalmente per distanziarlo dalla stessa o per sospenderlo. *The PLAY system is based on a very low voltage MINI-track that adapts to different needs: può essere installato orizzontalmente per minimizzarne l'oggetto dalla superficie d'appoggio, piuttosto che verticalmente per distanziarlo dalla stessa o per sospenderlo.*

Il sistema alimentato a 12V DC integra un driver nell'adattore del singolo spot ed utilizza una connessione ad innesto rapido. Risulta estremamente facile cambiare tipo di spot e posizione sul binario, il sistema risulta pertanto versatile e completamente gestibile anche dall'utenza meno qualificata.

The 12 VDC-powered system integrates a driver in the adapter of each single spotlight and uses quick connectors.

This makes it extremely easy to change the type of spot and its position on the track, resulting in a versatile system that can be managed by even the least qualified user.

Lo spot orientabile Plug è ideale per illuminazione museale, opere d'arte e gioielleria. L'intercambiabilità dello spot è garantita dal sistema di connessione "mini easy jack 1/8 trs". Sono disponibili tre diverse lunghezze per lo spot: versione corta, media, lunga, maggiori informazioni nelle pagine a seguire.

The orientable Plug spotlight fixture is ideally used for works of art and jewellery illumination in a museum setting.

A "mini easy jack 1/8 trs" connection system allows the interchangeability of spots.

Three different sizes are available: short, medium and long version, more informations in following pages



L'illuminazione d'accento esalta elementi architettonici.

Utilizzata per disegnare lo spazio, e' lo strumento scenografico principe per creare scenari, percorsi, atmosfere.

Accent lighting brings out the architectural elements.

Used to design space, it is the main scenographic tool for creating scenarios, routes, and atmosphere.



Una vasta gamma di accessori lo rendono utilizzabile in ambito museale, per illuminare puntualmente opere d'arte o gioielleria. Rappresenta la soluzione ideale per applicazioni critiche dove si si richiedono qualità dell'emissione, potenza e perfetta gestione del fascio luminoso.

A wide range of accessories allow its use in museums for the point illumination of works of art or jewellery.

It is the ideal solution for critical applications requiring quality, power and perfect management of the beam of light.

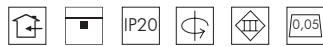




PLUG

design Daniele Monelli

Spot orientabile per illuminazione museale, opere d'arte e gioielleria. L'intercambiabilità dello spot è garantita dal sistema di connessione "mini easy jack 1/8 trs".
 An orientable spotlight fixture for illuminating works of art and jewellery in a museum setting.
 A "mini easy jack 1/8 trs" connection system allows the interchangeability of spots.



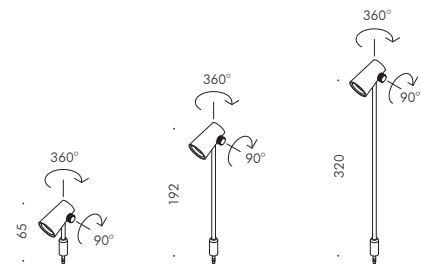
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
40030.U20	3150K	90	93	10°	Brushed Clear painted	350mA	1W
44030.U21				20°			
44030.U22				38°			
40031.U20	4325K	98	93	10°			
44031.U21				24°			
44031.U22				38°			



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
40035.U20	3150K	90	93	10°	Brushed Clear painted	350mA	1W
44035.U21				20°			
44035.U22				38°			
40036.U20	4325K	98	93	10°			
44036.U21				24°			
44036.U22				38°			



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
40040.U20	3150K	90	93	10°	Brushed Clear painted	350mA	1W
44040.U21				20°			
44040.U22				38°			
40041.U20	4325K	98	93	10°			
44041.U21				24°			
44041.U22				38°			

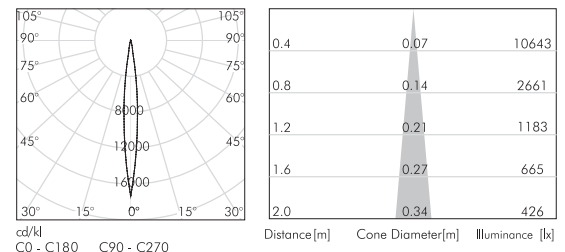


**40030
40031**

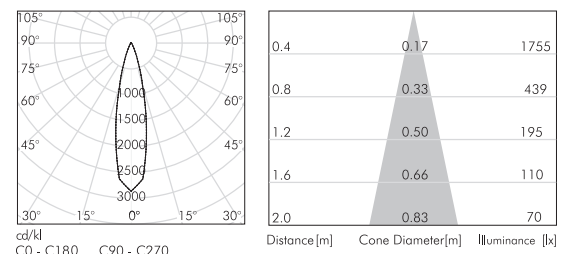
**40035
40036**

**40040
40041**

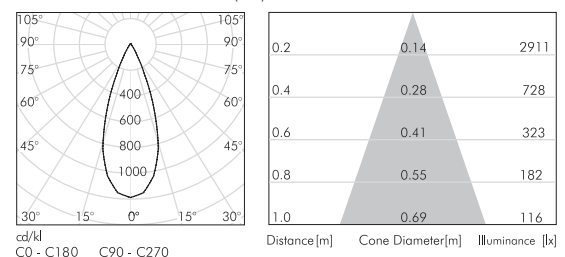
Neutral White 1W - Narrow beam (10°)

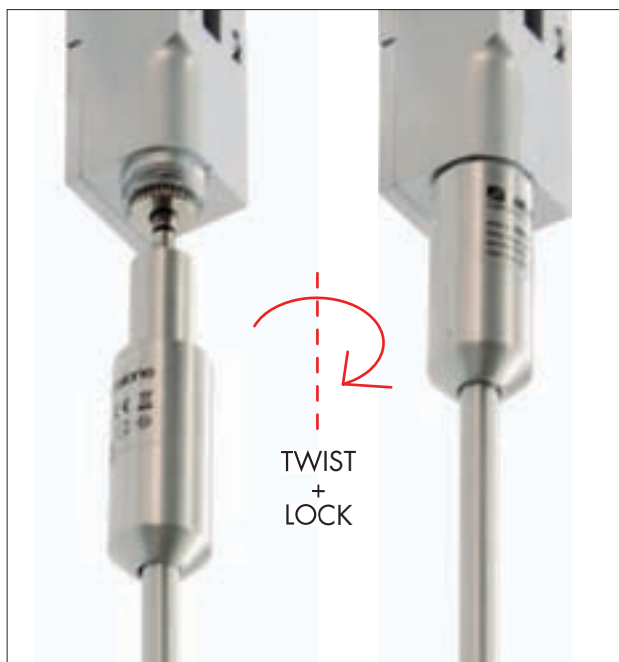


Neutral White 1W - Medium beam (20°)



Neutral White 1W - Wide beam (38°)



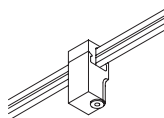


Play adaptors



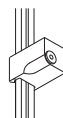
Code	Finish	Input	Output	Power
44026	Silver	12V DC	350mA	1W

Driver/Adattatore per Sistema PLAY verticale
Driver/Adaptor for vertical PLAY Track

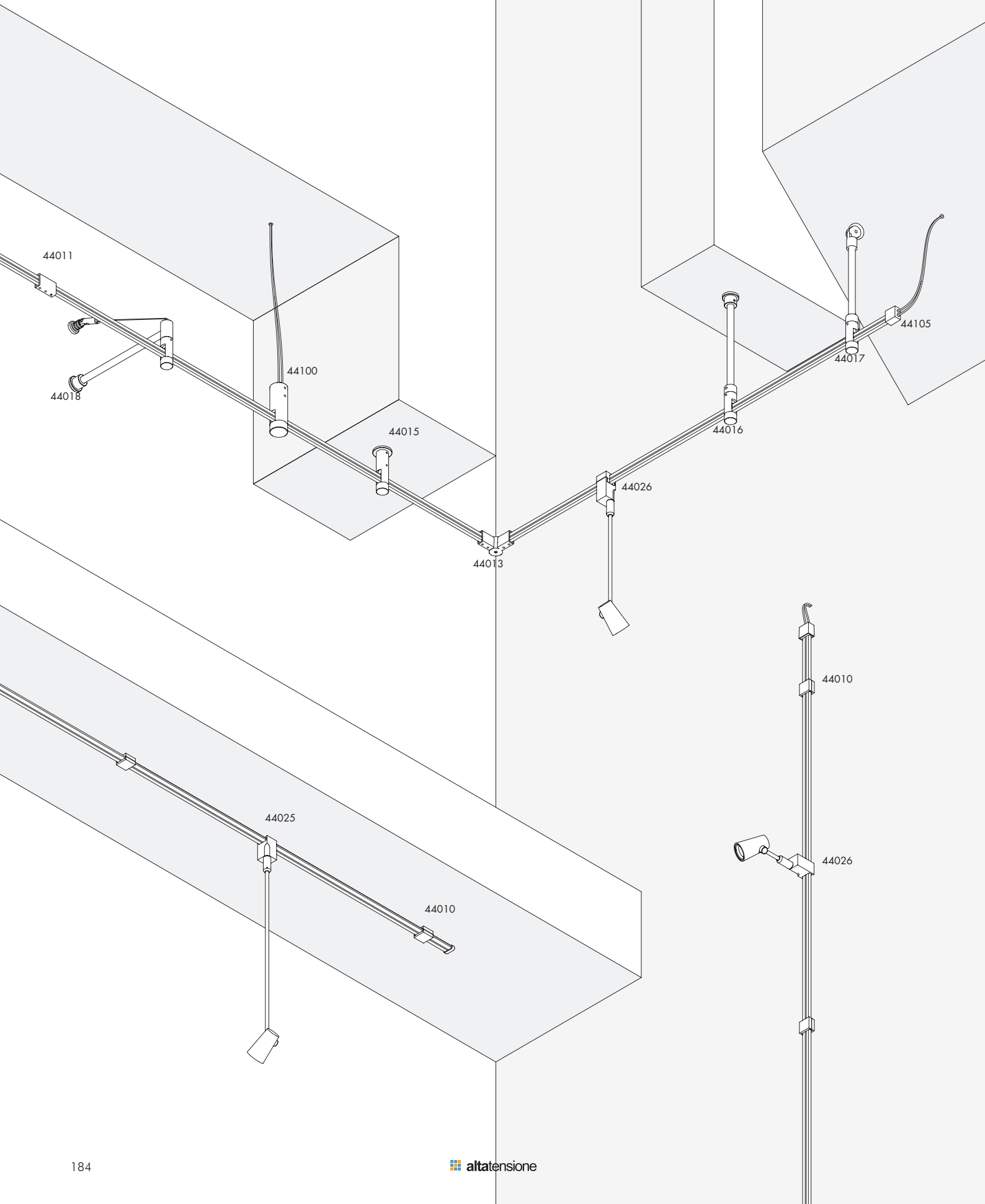


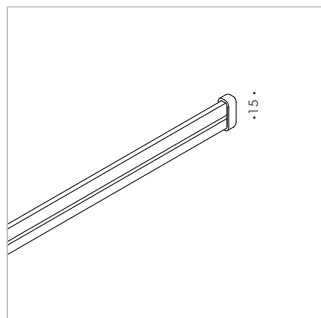
Code	Finish	Input	Output	Power
44025	Silver	12V DC	350mA	1W

Driver/Adattatore per Sistema PLAY orizzontale
Driver/Adaptor for horizontal PLAY Track

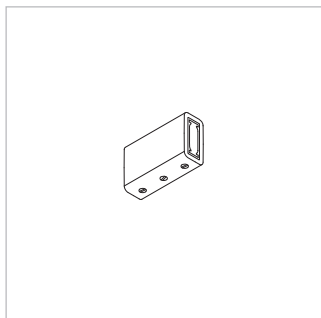


PLAY ACCESSORI / ACCESSORIES

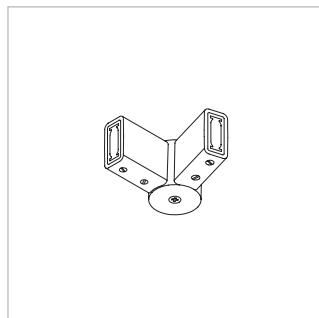




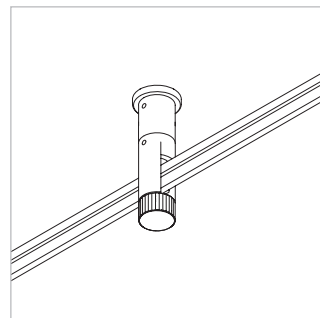
44000 (Lunghezza/Length 100cm)
44001 (Lunghezza/Length 200cm)
 Binario monofase 12V DC.
 MAX 25A 300W.
 Alluminio anodizzato.
 Single circuit 12V DC track.
 MAX 25A 300W.
 Anodized aluminium.



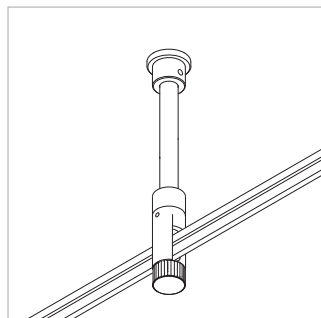
44011
 Connettore lineare elettrificato.
 Finitura verniciatura alluminio.
 Live straight connector.
 Silver finish.



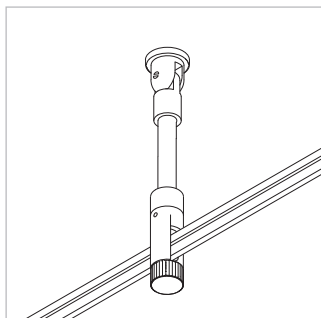
44013
 Connettore orientabile elettrificato.
 Finitura verniciatura alluminio.
 Live adjustable connector.
 Silver finish.



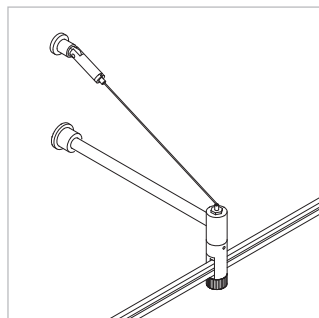
44015
 Attacco a soffitto isolato.
 Lunghezza 7cm.
 Finitura verniciatura alluminio.
 Insulated ceiling mounting.
 Length 7cm.
 Silver finish.



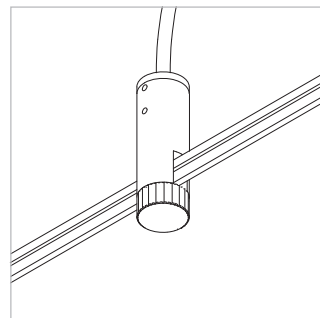
44016
 Attacco a soffitto isolato.
 Lunghezza 22cm.
 Finitura verniciatura alluminio.
 Insulated ceiling mounting.
 Length 22cm.
 Silver finish.



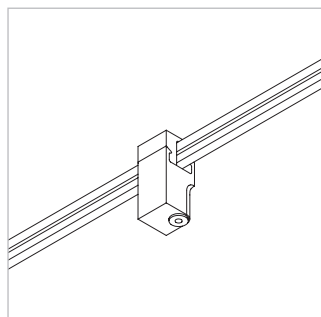
44017
 Attacco a soffitto orientabile isolato.
 Lunghezza 22cm.
 Finitura verniciatura alluminio.
 Insulated adjustable ceiling mounting.
 Length 22cm.
 Silver finish.



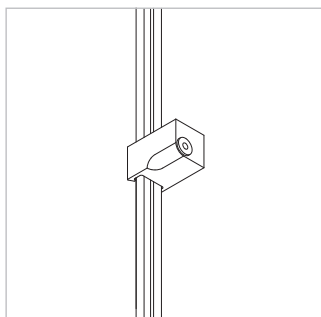
44018
 Braccio a parete con cavo di supporto
 isolato.
 Lunghezza 20cm. Sporgenza binario 19cm.
 Finitura verniciatura alluminio.
 Insulated wall bracket with support cable.
 Length 20cm. Track overhang 19cm.
 Silver finish.



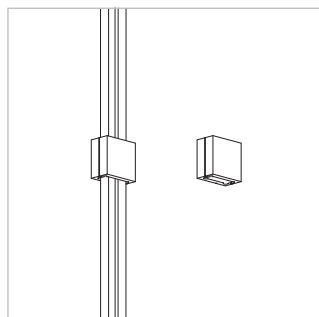
44100
 Testata di alimentazione verticale a
 sospensione.
 Cavo elettrico lunghezza 100cm.
 Finitura verniciatura alluminio.
 Floating power feed.
 Feeding cable length 100cm.
 Silver finish.



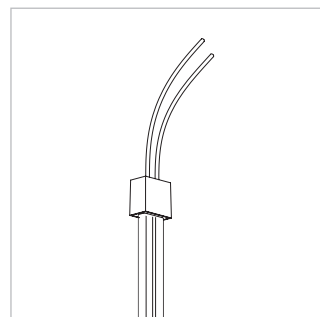
44026
 Adattatore elettrificato verticale.
 Driver 12V DC a bordo.
 20x20x44mm.
 Finitura verniciatura alluminio.
 Live vertical adaptor.
 Driver 12V DC included.
 20x20x44mm.
 Silver finish.



44025
 Adattatore elettrificato orizzontale.
 Driver 12V DC a bordo.
 20x20x34mm.
 Finitura verniciatura alluminio.
 Live horizontal adaptor.
 Driver 12V DC included.
 20x20x34mm .
 Silver finish.



44010
 Fissaggio a parete isolato.
 20x20x10mm.
 Finitura verniciatura alluminio.
 Insulated wall mounting.
 20x20x10mm.
 Silver finish.



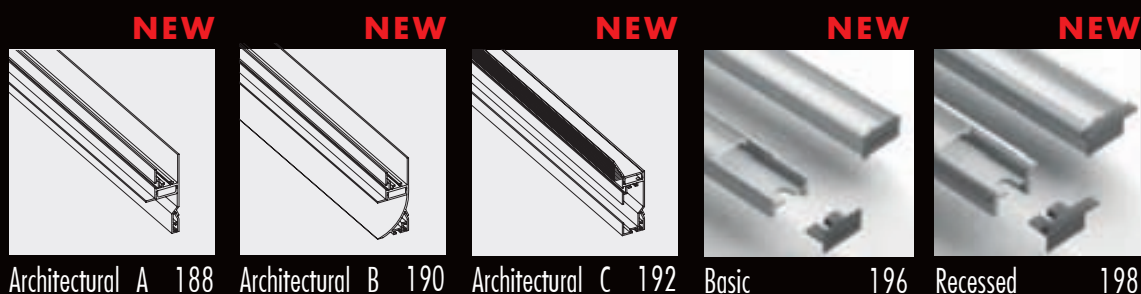
44105
 Testata di alimentazione orizzontale
 in linea.
 Cavo elettrico lunghezza 30cm.
 Finitura verniciatura alluminio.
 Linear power feed.
 Feeding cable length 30cm.
 Silver finish.



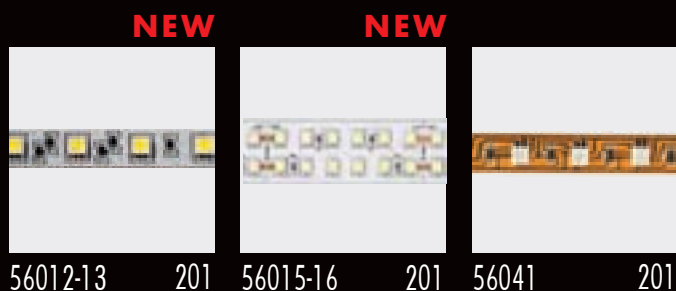
08.

PROFILI ARCHITETTURALI E STRIPLED ARCHITECTURAL PROFILES AND STRIPLED

Profili architettonici / Architectural profile



Stripled da interni / Indoor stripled



Stripled da esterni / Outdoor stripled

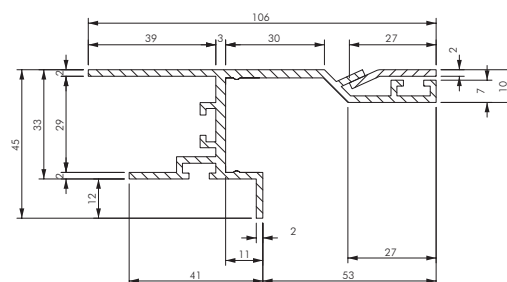
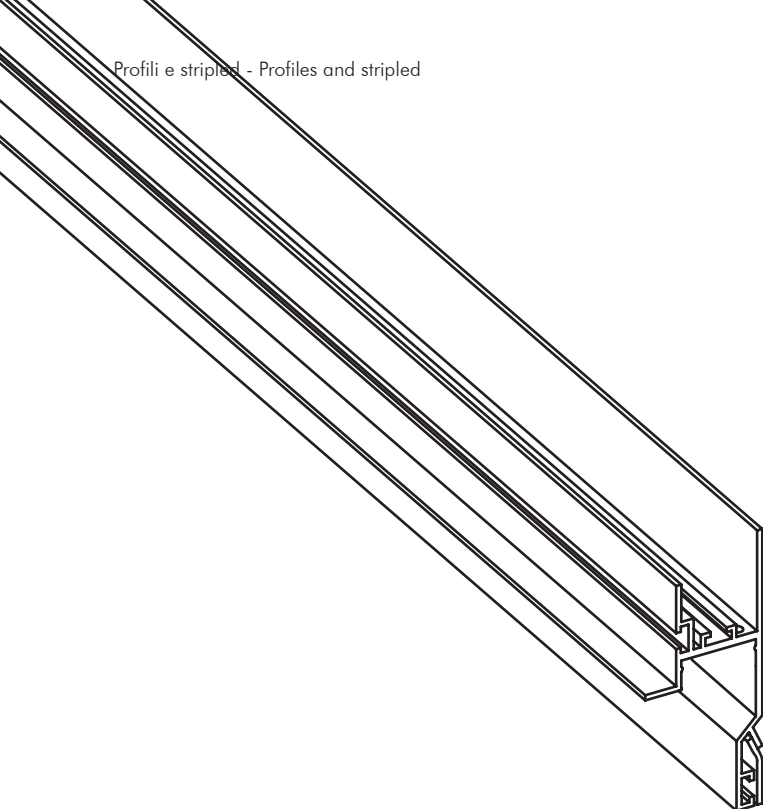





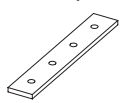
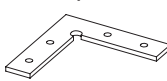


Profilo architettonico A

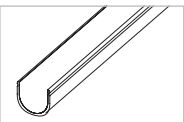
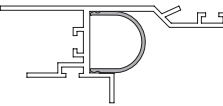
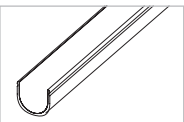
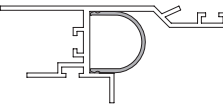
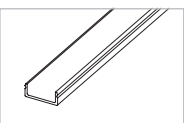
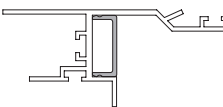
design Nicola Del Lungo

Profilo in alluminio da interni per LED di alta e bassa potenza. Ogni profilo di lunghezza 2m è tagliabile e giuntabile tramite apposite staffe in dotazione. Installabile a parete o nel pavimento e per integrazione in strutture in cartongesso. Due diffusori disponibili per due differenti effetti luminosi. *Indoor aluminum profile for high and low power LED. Profile length: 2m. Each profile can be cutted and connected via special brackets included in the kit. Ideal for ceiling and wall installations as integration into plasterboard structures. Two shades available for two different lighting effects.*



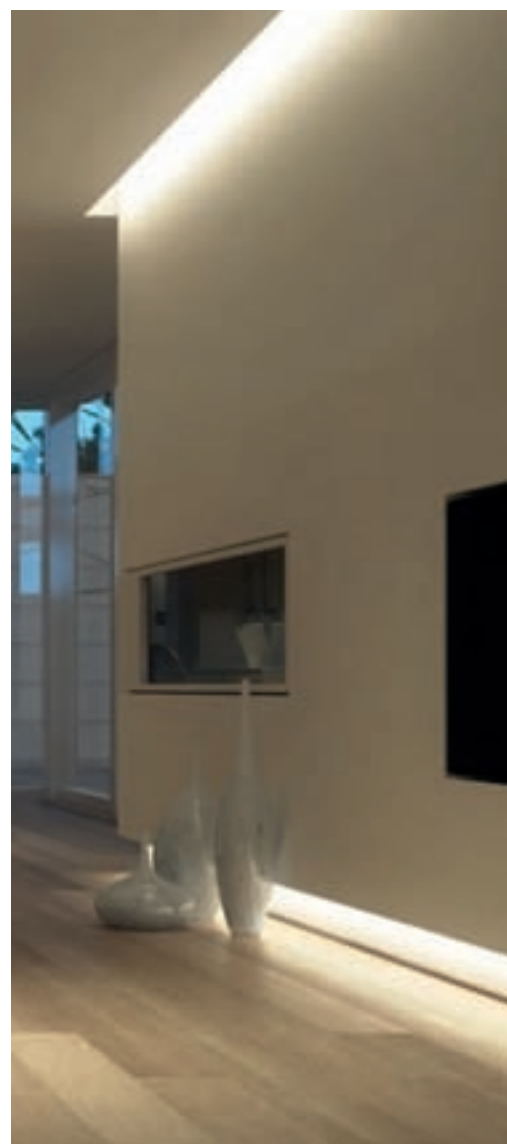
Code	Dimensions	Finish
57020	106x45x2000mm	Natural aluminum - white matte paint
Kit per il montaggio Installation kit		
6pcs.	6pcs.	16pcs.
2pcs.	2pcs.	
		
		

Schermi da ordinare separatamente:
Shades to be ordered separately:

Code	Finish		
57026	Schermo diffusore bianco White shade		
57027	Schermo satinato Light frosted shade		

Stripled da ordinare separatamente:
Stripled to be ordered separately:

Code	Light temp.	Led (meter)	Power (meter)	Beam angle	Power feed (meter)	Class	Protection degree
56012	4000K	60	15W	120°	24V DC	III	IP20
56013	3000K						
56015	5500K	240	35W				
56016	3000K						
56041	RGB	60	12W				
56072	4000K	60	15W				IP67
56073	3000K						
56092	RGB	60	12W				



Composizioni: linee ed angoli Composition: lines and corners

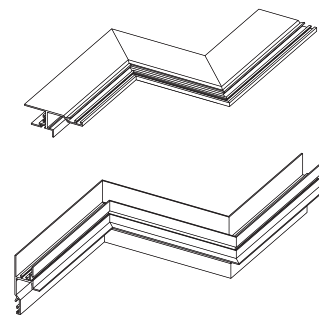
Il profilo è giuntabile tramite coppie di staffe lineari, e tagliabile a 45° in modo da poterlo comporre a formare angoli di 90° tramite coppie di staffe per giunzione angolare.

E' possibile ottenere una vasta gamma di angoli e realizzare linee luminose tridimensionali perfettamente integrate nell'architettura.

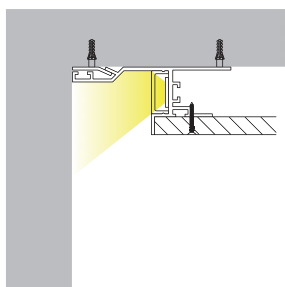
The profile can be connected by linear brackets.

It can be cutted and connected with angular brakets to have 90° corners.

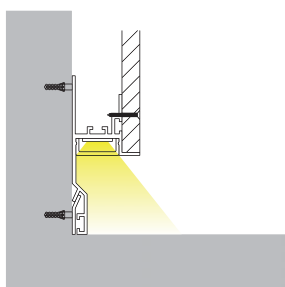
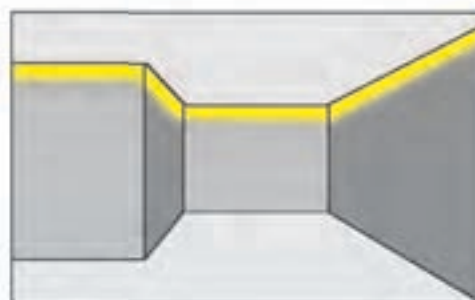
It is possible to obtain a wide range of angles and lines in order to create three-dimensional lights perfectly integrated with architecture.



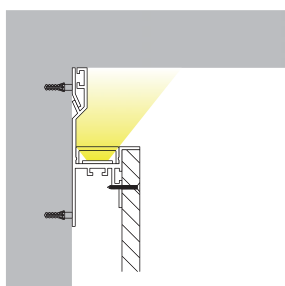
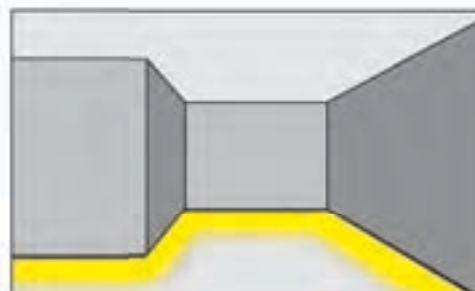
Installazione/Installation



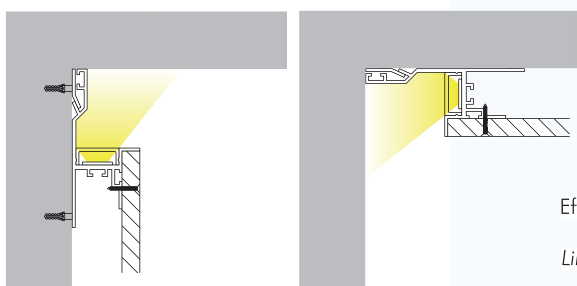
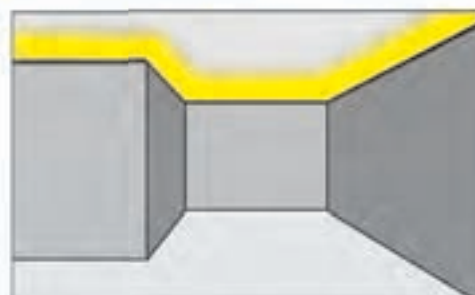
Effetto lineare su parete.
Linear effect of wall.



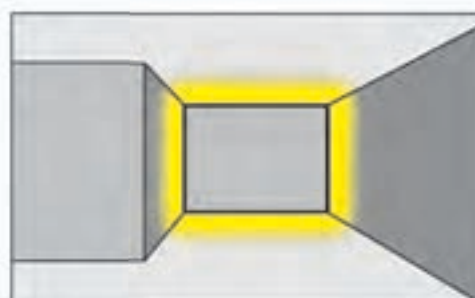
Effetto lineare su pavimento.
Linear effect of the floor.



Effetto lineare su soffitto.
Linear effect of ceiling.



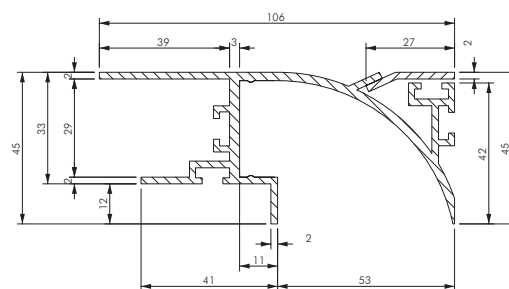
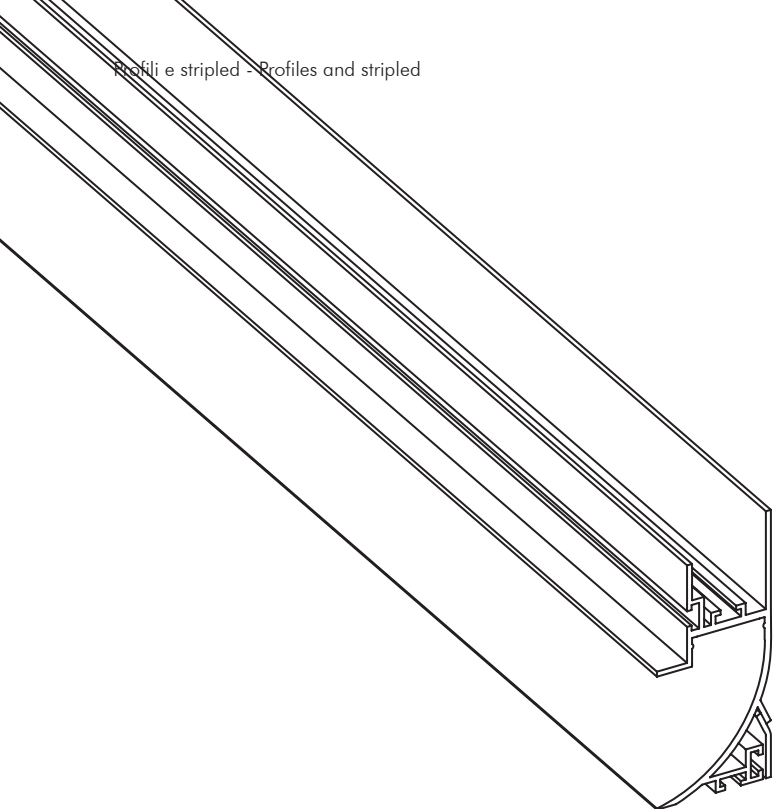
Effetto lineare su perimetro di una parete.
Linear effect on the perimeter of a wall.



Profilo architettonico B

design Nicola Del Lungo

Profilo in alluminio da interni per LED di alta e bassa potenza. Ogni profilo di lunghezza 2m è tagliabile e giuntabile tramite apposite staffe in dotazione. Installabile a parete o nel pavimento e per integrazione in strutture in cartongesso. Due diffusori disponibili per due differenti effetti luminosi. *Indoor aluminum profile for high and low power LED. Profile length: 2m. Each profile can be cutted and connected via special brackets included in the kit. Ideal for ceiling and wall installations as integration into plasterboard structures. Two shades available for two different lighting effects.*



Code	Dimensions	Finish
57025	106x45x2000mm	Natural aluminum - white matte paint
Kit per il montaggio Installation kit		
6 pcs.	6 pcs.	16 pcs.
2 pcs.	2 pcs.	2 pcs.

Schermi da ordinare separatamente:
Shades to be ordered separately:

Code	Finish		
57026	Schermo diffusore bianco White shade		
57027	Schermo satinato Light frosted shade		

Stripled da ordinare separatamente:
Stripled to be ordered separately:

Code	Light temp.	Led (meter)	Power (meter)	Beam angle	Power feed (meter)	Class	Protection degree
56012	4000K	60	15W	120°	24V DC	III	IP20
56013	3000K						
56015	5500K						
56016	3000K						
56041	RGB	60	12W				
56072	4000K	60	15W				IP67
56073	3000K						
56092	RGB	60	12W				



Composizioni: linee ed angoli Composition: lines and corners

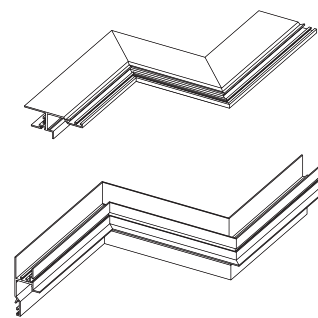
Il profilo è giuntabile tramite coppie di staffe lineari, e tagliabile a 45° in modo da poterlo comporre a formare angoli di 90° tramite coppie di staffe per giunzione angolare.

E' possibile ottenere una vasta gamma di angoli e realizzare linee luminose tridimensionali perfettamente integrate nell'architettura.

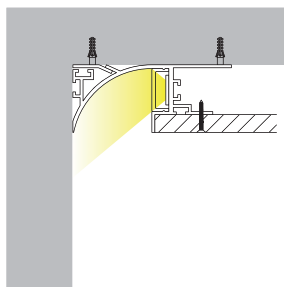
The profile can be connected by linear brackets.

It can be cutted and connected with angular brakets to have 90° corners.

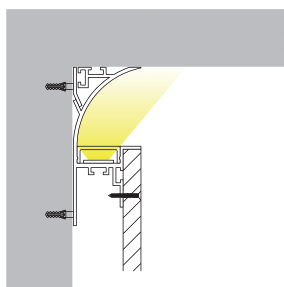
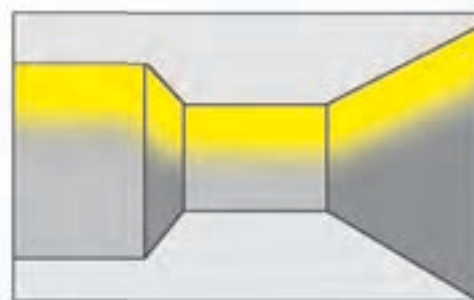
It is possible to obtain a wide range of angles and lines in order to create three-dimensional lights perfectly integrated with architecture.



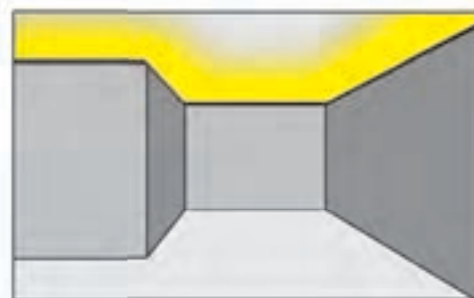
Installazione/Installation



Illuminazione delle pareti dall'alto
con luce radente.
Wall wash effect from the ceiling.



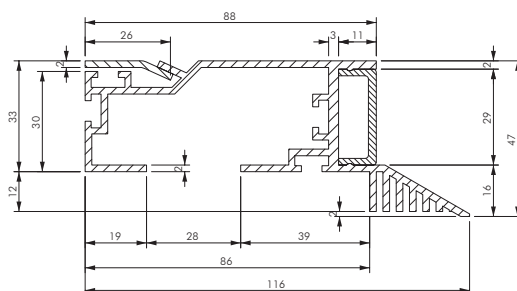
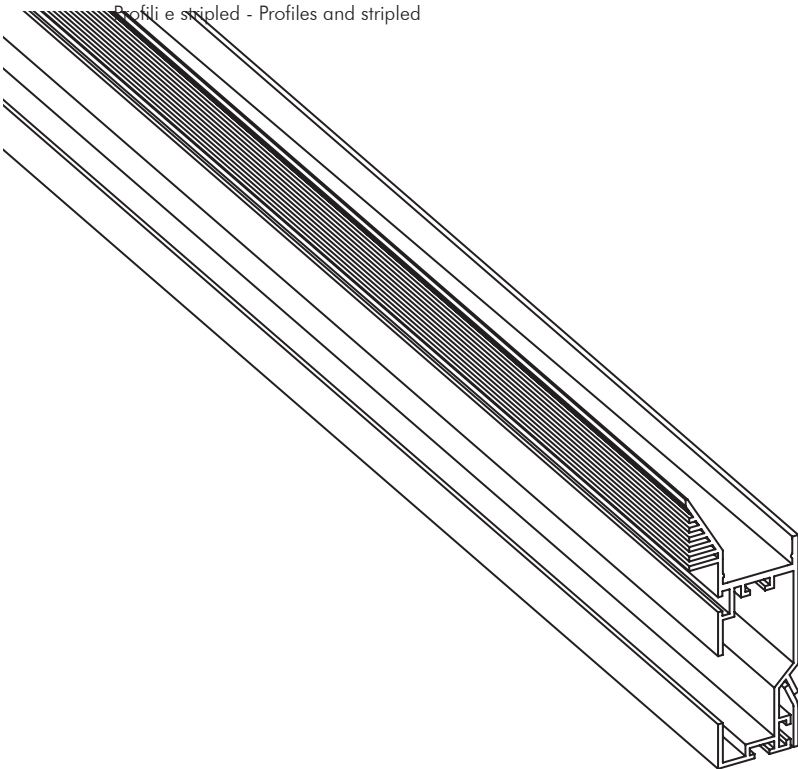
Illuminazione del soffitto con luce
radente.
*Wall wash effect of the ceiling
from the walls.*



Profilo architettonico C

design Nicola Del Lungo

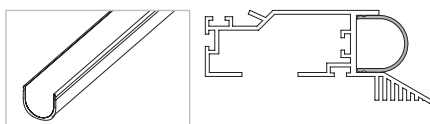
Profilo in alluminio da interni per LED di alta e bassa potenza. Ogni profilo di lunghezza 2m è tagliabile e giuntabile tramite apposite staffe in dotazione. Installabile a parete o nel pavimento e per integrazione in strutture in cartongesso. Due diffusori disponibili per due differenti effetti luminosi. *Indoor aluminum profile for high and low power LED. Profile length: 2m. Each profile can be cutted and connected via special brackets included in the kit. Ideal for ceiling and wall installations as integration into plasterboard structures. Two shades available for two different lighting effects.*



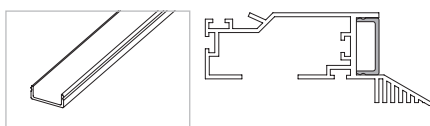
Code	Dimensions	Finish
57030	116x47x2000mm	Natural aluminum - white matte paint
Kit per il montaggio Installation kit		
6pcs.	6pcs.	16pcs.
2pcs.	2pcs.	

Schermi da ordinare separatamente:
Shades to be ordered separately:

Code	Finish
57026	Schermo diffusore bianco White shade

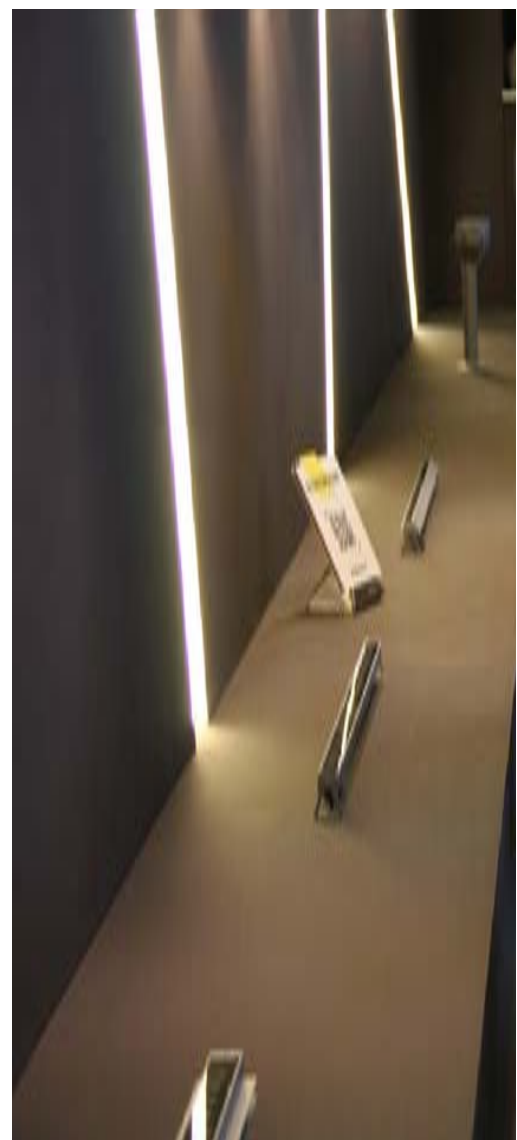


Code	Finish
57027	Schermo satinato Light frosted shade

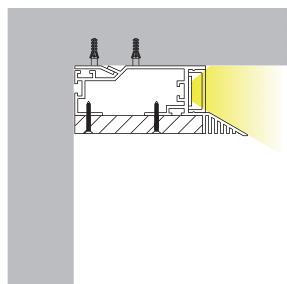


Stripled da ordinare separatamente:
Stripled to be ordered separately:

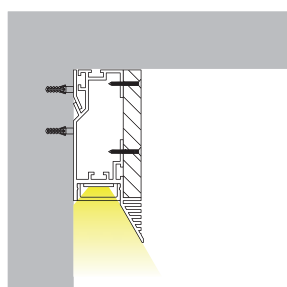
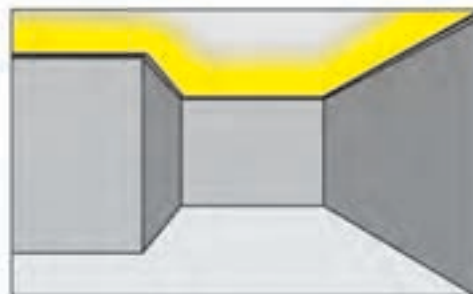
Code	Light temp.	Led (meter)	Power (meter)	Beam angle	Power feed (meter)	Class	Protection degree
56012	4000K	60	15W	120°	24V DC	III	IP20
56013	3000K						
56015	5500K						
56016	3000K						
56041	RGB	60	12W				
56072	4000K	60	15W				IP67
56073	3000K						
56092	RGB	60	12W				



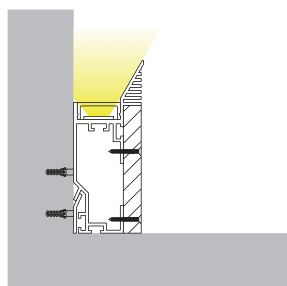
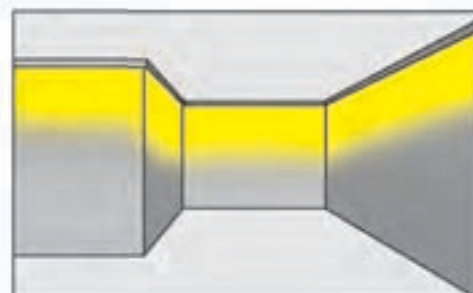
Installazione/Installation



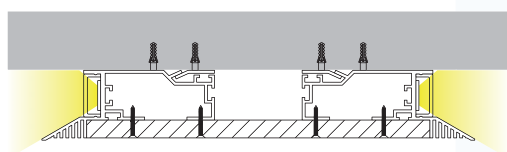
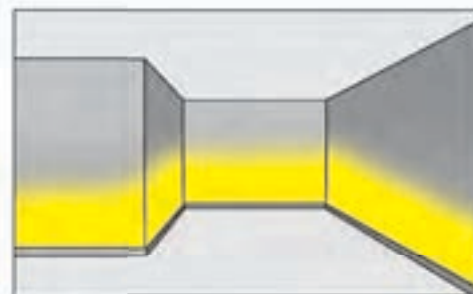
illuminazione del soffitto con luce radente.
Wall wash effect of the ceiling from the walls.



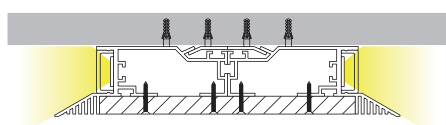
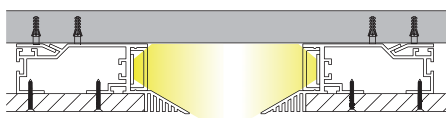
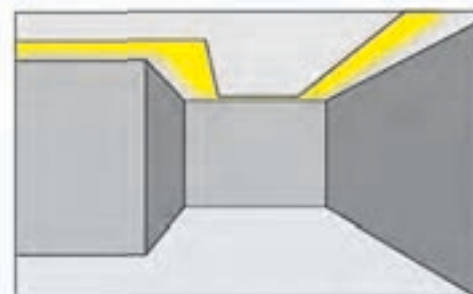
illuminazione delle pareti dall'alto con luce radente.
Wall wash effect from the ceiling.



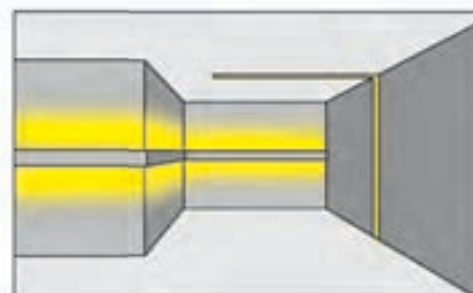
illuminazione delle pareti dal basso con luce radente.
Wall wash effect from the floor.



illuminazione del soffitto con luce radente: luce dalla struttura centrale.
Wall wash effect of the ceiling: light from the central structure.



Installazioni particolari.
Special installations.



Showroom polivalente Cioni Edilizia
Pontedera (PI)

Showroom multipurpose Cioni Construction
Pontedera (PI)

Andrea Meini - Studio Idealight
Arch. Paolo Ceccanti, Arch.
Simone Cioni

Un sistema di illuminazione completamente realizzato con tecnologia a led dagli effetti scenografici molto gradevoli.
Sono state create tre linee di luce distinte che si occupassero di creare una linea di luce generale, una di caratterizzazione dello spazio ed una di cortesia.
A lighting system entirely constructed with LED technology with very pleasant scenic effects. This lighting design consists of 3 distinct lines of light dealing with the creation of general lighting, a characterization of the space and a courtesy light.



Sagome geometriche illuminate all'interno con strip Led monocromatiche.

All'interno di queste sagome geometriche sono state installate due strisce di led monocromatico di colore bianco con temperatura di colore da 4000K.

Gole luminose illuminate con strip Led blu come luce emozionale

Sono state impiegate per questa linea di luce strip led di colore blu installate in un intercapedine nel cartongesso e rivolte verso l'alto in modo tale da impiegare il soffitto come possibile superficie di riflesso.

Geometric shapes illuminated by monochromatic LED strips.

Two monochromatic white LED strips, with a color temperature of 4000K, were installed within these geometric shapes.

Gorges illuminated by bright blue LED strips as emotional light

Bright blue LED strips were used to create this line of light: installed in a cavity of the plasterboard and facing upwards so as to use the ceiling as a possible surface of reflection. The highly saturated colors played their role by offering a scenery that blends perfectly with the other two lines of light completely created in a complementary way.



Esemplificazione dell'utilizzo del profilo architettonico C nello stand Altensione a Light & Building, Francoforte.
Example of the use of the C architectural profile at the Altensione stand at Light & Building, Frankfurt.

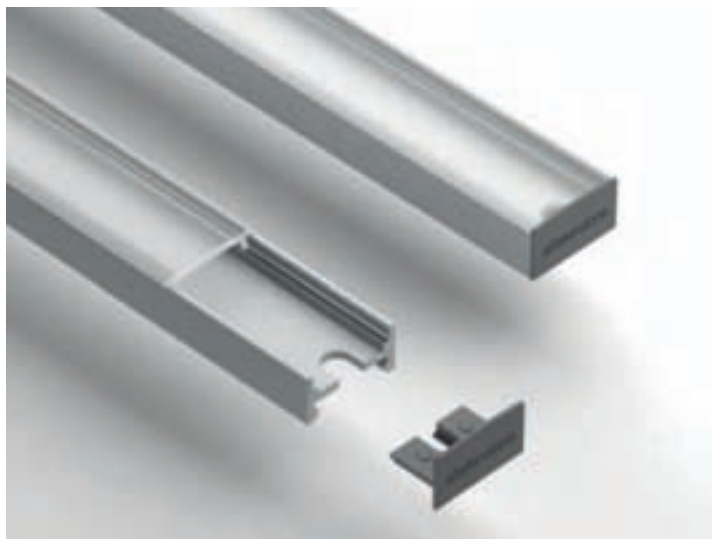





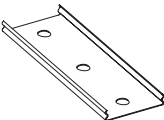


Profile Basic

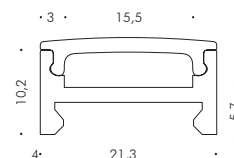
design Nicola Del Lungo

Profilo estruso in alluminio anodizzato e schermo rimovibile in policarbonato satinato oppure in polietilene opalino adatto a LED di bassa potenza. Lunghezza standard del profilo cm 200. Possibilità di giunzione con gli accessori a corredo. Installazione tramite viti e clips oppure tramite molle accessorie. Sviluppato per soluzioni ad incasso. Adatto per illuminazione di interni, e la creazione di linee di segnalazione o decorative.

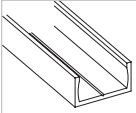
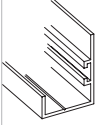

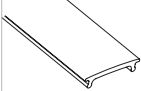
Anodized extruded aluminum profile whit removable frosted polycarbonate or opal polyethylene screen suitable for low power LEDs. Standard length of the profile: 200 cm. Possibility linear connection with accessories. Developed for recessed installation. Installation by screws and clips or spring accessories. Suitable for interior lighting, and creation of decorative lines.



Code	Dimensions	Finish	Shade	Weight
57005	213x12x2000mm	Natural anodized aluminum	Frosted	0,46Kg
Kit per il montaggio Installation kit				
	4pcs.		4pcs.	
	4pcs.		4pcs.	
				2pcs.



Sono disponibili i seguenti accessori opzionali:
The following optional accessories are available:

Code	Description	Finish	
57006	Cassaforma/Housing 2000cm	Alluminum	 1pcs.
57008	Estruso antiabbagliamento/ Anti-glare extruded profile 2000cm	White paint	 1pcs.
57009	Tappo aggiuntivo/ Additional cap	Silver	 1pcs.
57019	Schermo trasparente/ Transparent shade 2000cm	Polycarbonate	 1pcs.

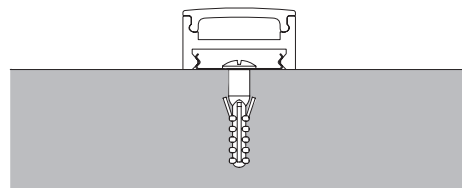
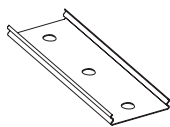
Stripled da ordinare separatamente:
Stripled to be ordered separately:

Code	Light temp.	Led (meter)	Power (meter)	Beam angle	Power feed (meter)	Class	Protection degree
56012	4000K	60	15W	120°	24V DC	III	IP20
56013	3000K						
56041	RGB	60	12W				

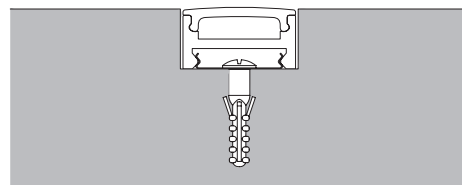
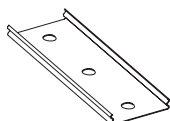


Installazione/Installation

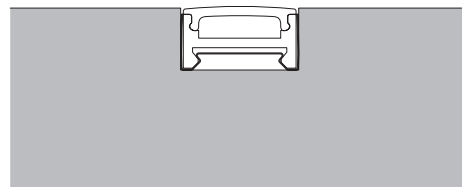
Installazione in appoggio su superficie con clip (Kit per il montaggio).
Surface installation by clip (installation Kit).



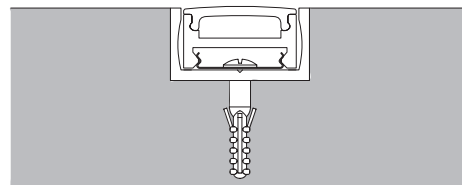
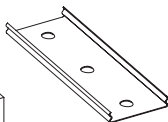
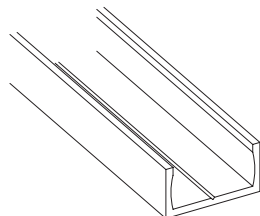
Installazione incassata con clip (Kit per il montaggio).
Recessed installation by clip (installation Kit).



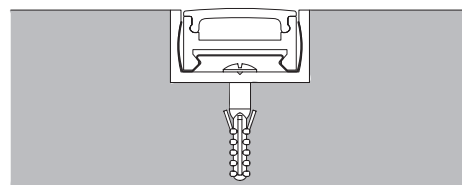
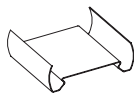
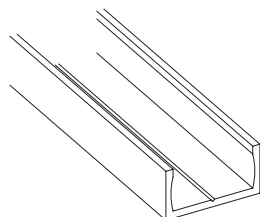
Installazione incassata con molla (Kit per il montaggio).
Recessed installation by spring (installation Kit).



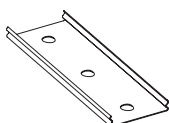
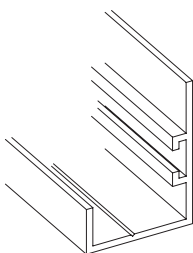
Installazione incassata con clip a corredo e l'utilizzo di cassaforma.
(Cassaforma **cod.57006**).
Recessed installation by clip and housing.
(Housing **cod.57006**).



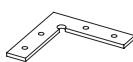
Installazione incassata con molla a corredo e l'utilizzo di cassaforma.
(spaziatore **cod.57006**).
Recessed installation by clip and housing.
(Housing **cod.57006**).



Installazione in appoggio su superficie con clip a corredo ed estruso antiabbagliamento.
(Estruso antiabbagliamento **cod.57008**).
Surface installation by clip and anti-glare extruded profile.
(Anti-glare extruded profile **cod.57008**).



8

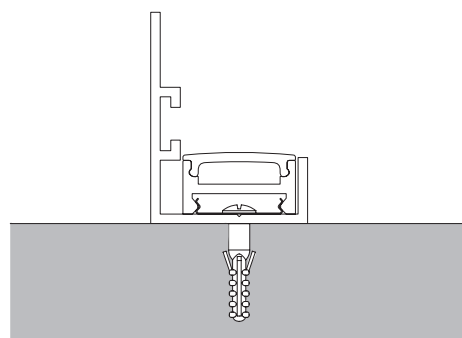


Kit per il montaggio:
Installation kit:

8pcs.

1 pcs.

1 pcs.

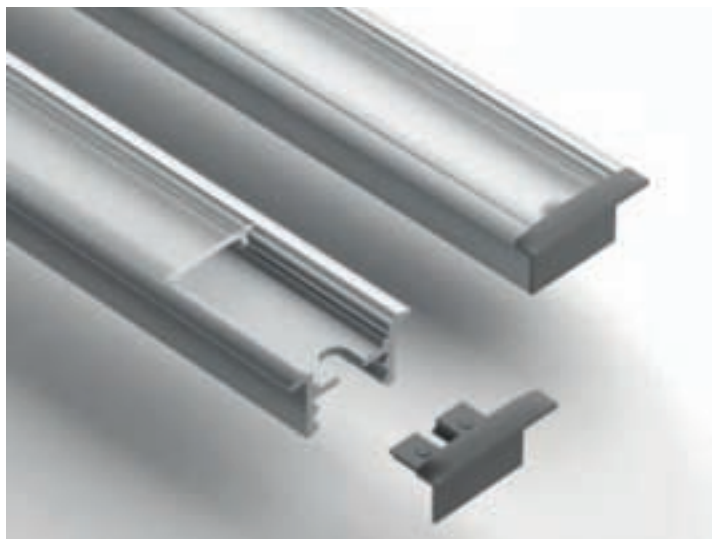




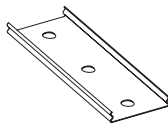
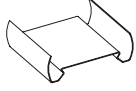
Profile Recessed

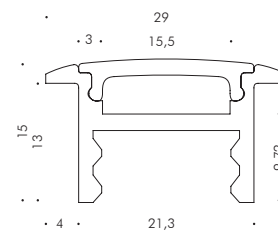
design Nicola Del Lungo

Profilo estruso in alluminio anodizzato e schermo rimovibile in policarbonato satinato oppure in polietilene opalino adatto a LED di bassa potenza. Lunghezza standard del profilo cm 200. Possibilità di giunzione con gli accessori a corredo. Installazione tramite vite e clips oppure tramite molle accessorie. Sviluppato per soluzioni ad incasso. Adatto per illuminazione di interni, e la creazione di linee di segnalazione o decorative.

Anodized extruded aluminum profile whit removable frosted polycarbonate or opal polyethylene screen suitable for low power LEDs. Standard length of the profile: 200 cm. Possibility linear connection with accessories. Developed for recessed installation. Installation by screws and clips or spring accessories. Suitable for interior lighting, and creation of decorative lines.

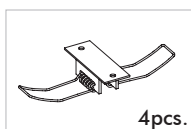


Code	Dimensions	Finish	Shade	Weight
57010	29x16x2000mm	Natural anodized aluminum	Frosted	0,6Kg
Kit per il montaggio Installation kit				
	4pcs.		4pcs.	
	4pcs.		2pcs.	



Sono disponibili i seguenti accessori opzionali:
The following optional accessories are available:

Code	Description	Finish
57011	Molle/Springs	Chrome



Code	Description	Finish
57012	Tappo aggiuntivo/ Additional cap	Silver



Code	Description	Finish
57019	Schermo trasparente/ Transparent shade 2000cm	Polycarbonate



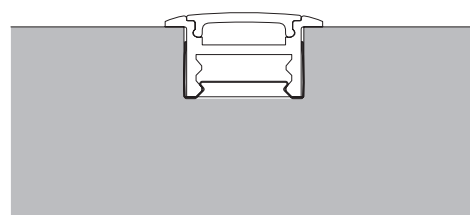
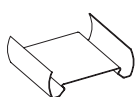
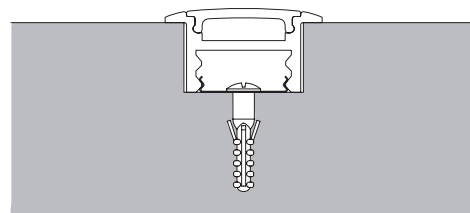
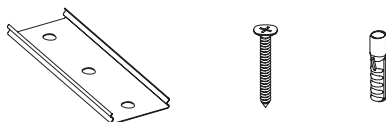
Stripled da ordinare separatamente:
Stripled to be ordered separately:

Code	Light temp.	Led (meter)	Power (meter)	Beam angle	Power feed (meter)	Class	Protection degree
56012	4000K	60	15W	120°	24V DC	III	IP20
56013	3000K						
56041	RGB	60	12W				

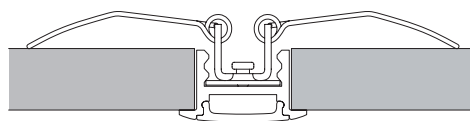
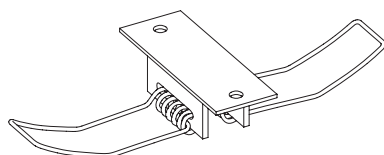


Installazione/Installation

Installazione incassata con clip
(Kit per il montaggio).
Recessed installation by clip
(Installation Kit).



Set di molle opzionali (4pcs)
per installazione su
controsoffitti/cartongesso
(cod.57011).
Springs with stirrup Kit for panel
installation **(cod.57011)**.



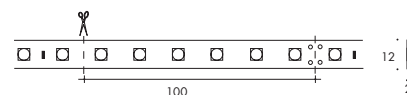
INdoor striped

Sistemi luminosi con Led SMD ad alta intensità montati su strisce flessibili per interni. I LED sono uniformemente distribuiti sulla lunghezza della striscia ed alimentati in bassissima tensione 24V DC. Sono disponibili con luce monocromatica, bianco tonalità calda e fredda e versione RGB.

È un prodotto ideale per l'illuminazione decorativa ed in questa configurazione è molto utilizzato per evidenziare bordi, illuminazione d'accento e retro illuminazione. Permette soluzioni dall'elevato impatto estetico garantendo consumi decisamente ridotti.

Interior high intensity SMD Led light systems mounted on flexible strips. Extremely low voltage LEDs (24V DC) evenly distributed vertically along a strip. Available in monochromatic warm and cold white tonality, as well as in RGB version. A perfect solution for decorative illumination. This configuration is largely employed for contour, accent and background lighting. Suitable for remarkably low energy consumption solutions of high aesthetic impact.





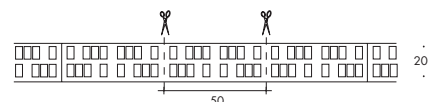
Code	Light temp.	lm/m	Optic	n°led/meter	Power feed	Total Power	Power/meter
56012	4000K	1210	120°	60	24V DC	75W	15W
56013	3000K	900					

Dimensioni: 5000x12mm
 Max lunghezza per singola linea: 6m.
 Size: 5000x12mm
 Max lenght of one loop: 6m.

**Kit per il montaggio:
 Installation kit:**



Adesivo 3M.
 Cavo di connessione (dopo il taglio)
 3M tape.
 Connection cable (after cutting)

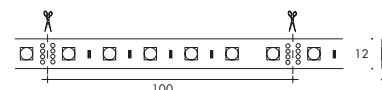


Code	Light temp.	lm/m	Optic	n°led/meter	Power feed	Total Power	Power/meter
56015	5500K	2400	120°	240	24V DC	175W	35W
56016	3000K	2200					

Dimensioni: 5000x20mm
 Max lunghezza per singola linea: 6m.
 Size: 5000x20mm
 Max lenght of one loop: 6m.

**Kit per il montaggio:
 Installation kit:**

Adesivo 3M.
 3M tape.



Code	Light colour	lm/m	Optic	n°led/meter	Power feed	Power	Power/meter
56041	RGB	-	120°	60	24V DC	60W	12W

Dimensioni: 5000x12mm
 Max lunghezza per singola linea: 6m.
 Controllo RGB non incluso.
 Size: 5000x12mm
 Max lenght of one loop: 6m.
 RGB control not included.

**Kit per il montaggio:
 Installation kit:**



Adesivo 3M.
 Cavo di connessione.(dopo il taglio)
 3M tape.
 Connection cable (after cutting)

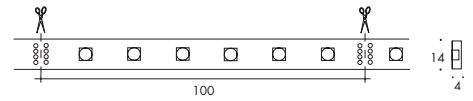
ILLUMINAZIONI D'ESTERNI
OUTDOOR LIGHTING

OUTdoor striped

Sistemi luminosi con Led SMD ad alta intensità montati su strisce flessibili per esterni IP67. I LED sono uniformemente distribuiti sulla lunghezza della striscia ed alimentati in bassissima tensione 24V DC. Sono disponibili con luce monocromatica, bianco tonalità calda e fredda e in versione RGB. E' un prodotto ideale per l'illuminazione decorativa ed in questa configurazione è molto utilizzato per evidenziare bordi, illuminazione d'accento e retro illuminazione. Permette soluzioni dall'elevato impatto estetico garantendo consumi decisamente ridotti. Il grado di protezione IP è ottenuto impiegando la tecnologia con guaina in silicone. Questo tipo di isolamento è prodotto con materiali naturali e risulta ecocompatibile. Nella nostra proposta viene utilizzata la qualità "extra trasparente" con perfetta trasparenza al passaggio del flusso luminoso. Il prodotto offre grande flessibilità e buona resistenza alle escursioni termiche. Garantisce durevolezza nel tempo.

Exterior high intensity SMD Led light systems mounted on flexible strips IP67. Extremely low voltage LEDs (24V DC) evenly distributed vertically along a strip. Available in monochromatic warm or cold white tonality, as well as in RGB version. A perfect solution for decorative illumination. This configuration is largely employed for contour, accent and background lighting. Suitable for remarkably low energy consumption solutions of high aesthetic impact. For obtaining the featured IP degree are employed Silicon tube Environmental friendly insulation device made from natural materials. We propose "Extra transparent" tube for absolute free light flow. Highly flexible product, with good resistance to thermal excursion. Durability guaranteed.

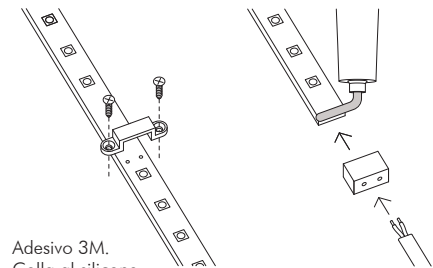




Code	Light temp.	lm/m	Optic	n°led/meter	Power feed	Total Power	Power/meter
56072	4000K	1190	120°	60	24V DC	75W	15W
56073	3000K	890					

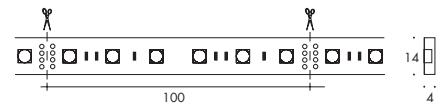
Dimensioni: 5000x12mm
 Max lunghezza per singola linea: 6m.
 Protezione: silicone.
 Size: 5000x12mm
 Max length of one loop: 6m.
 Protection: Silycon.

**Kit per il montaggio:
Installation kit:**



Adesivo 3M.
 Colla al silicone.
 Cavo di connessione.(dopo il taglio).
 10 ganci di fissaggio.
 20 viti in acciaio.
 2 tappi di chiusura.
 2 tappi per connessione.

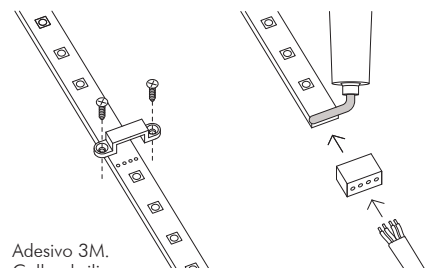
3M tape.
 Silicon tube.
 Connection cable (after cutting).
 10 fixing hooks.
 20 stainless steelscrews.
 2 closing caps.
 2 closing caps for connections.



Code	Light colour	lm/m	Optic	n°led/meter	Power feed	Total Power	Power/meter
56092	RGB	-	120°	60	24V DC	60W	12W

Dimensioni: 5000x14mm
 Max lunghezza per singola linea: 6m.
 Protezione: silicone.
 Controllo RGB non incluso.
 Size: 5000x14mm.
 Max length of one loop: 6m.
 Protection: Silycon.
 RGB control not included.

**Kit per il montaggio:
Installation kit:**



Adesivo 3M.
 Colla al silicone.
 Cavo di connessione.(dopo il taglio).
 10 ganci di fissaggio.
 20 viti in acciaio.
 2 tappi di chiusura.
 2 tappi per connessione.

3M tape.
 Silicon tube.
 Connection cable (after cutting).
 10 fixing hooks.
 20 stainless steelscrews.
 2 closing caps.
 2 closing caps for connections.



09.

ESTERNI OUTDOOR

L'illuminazione di esterni ha subito un notevole aumento di attenzioni non appena le nuove tecnologie hanno mostrato le reali potenzialità. Nelle pagine seguenti presentiamo una gamma di apparecchi per illuminare, evidenziare e caratterizzare ambienti di piccole, medie o grandi dimensioni.

L'avvento della tecnologia LED ha permesso l'introduzione di sorgenti dimensionalmente compatte, poche nei consumi, facili da inserire nell'ambiente e nel quadro architettonico di riferimento. Il colore, la gestione dello scenario per illuminare facciate, parchi o giardini è divenuto argomento trainante e di primaria grandezza. La nostra proposta è caratterizzata da standard qualitativi e costruttivi elevati in grado di assicurare durata ed assoluta stabilità nel tempo. I profili elettronici e gli accessori a corredo completano l'offerta garantendo la soluzione delle principali tematiche legate alla progettazione illuminotecnica in ambiente esterno.

Demand on outdoor lighting increased a lot when applied to the new LED technologies. Here follow we present our range for outdoors lighting, gardens and paths; small, medium and large sizes. Led products present reduced size, low energy consumption, easy to be installed in any outdoor environment. Additionally RGB and color lighting expand a lot all chances to feature lighting of façades, parks and gardens. Our proposal offer products with high efficiency, durability and stability in the long run. The very high quality level of materials gives products full reliability. All available accessories allow great flexibility For the outdoor projecting.

TERRA, PARETE E SOFFITTO FLOOR WALL CEILING

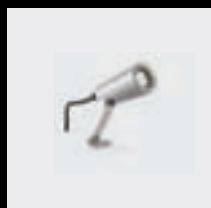
NEW



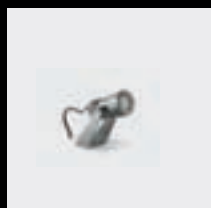
Quad 9 208



Quad 212



RX4 216



Miniled 221



Linear7055 222



Linera3232 226





QUAD 9

design Daniele Monelli

Proiettore per illuminazione di esterni di potenza.

A quattro anni dalla presentazione della linea Quad presentiamo un gruppo ottico completamente aggiornato.

Il modulo luminoso Quad9 utilizza ben nove led Cree XTE che garantiscono emissioni di rilievo, sono associate ottiche secondarie Ledil della famiglia Leila nei tre fasci narrow/medium/wide. La dissipazione passiva è stata potenziata per garantire il corretto funzionamento dell'apparecchio a fronte di un assorbimento di 21W. L'utilizzo del proiettore è particolarmente indicato dove si richiedano alti flussi luminosi e si debbano coprire distanze importanti tra l'apparecchio e il target da illuminare.

High power projector for outdoor architectural lighting.

Four years after the introduction in market of Quad product we present a more powerful completely renewed lighting module.

Quad9 lighting module use nine leds Cree XTE in order to stand high lumen outputs, secondary optics by Ledil of Leila family are available in narrow/medium/wide beam angle. Passive dissipation have been enhanced to ensure best working performances with a 21W consumption.

It's preferred field of use is for facades where an high luminous flux is needed and the target distance is high.





L'illuminazione d'accento esalta gli elementi architettonici.

Utilizzata per disegnare lo spazio, e' lo strumento scenografico principe per creare scenari, percorsi, atmosfere.

Accent lighting magnify architectural elements. Light is a powerfull scenographic tool to draw spaces, create scenarios, walkways, every kind of atmospheres.

CARATTERISTICHE PRINCIPALI:

- 1840 lumen a 3000K
- 1970 lumen a 4000K
- CRI 80
- Uniformità della temperatura colore
- 3 ottiche secondarie disponibili
- IP40
- Nessuna emissione UV o IR
- Non contiene mercurio
- Rischio fotobiologico: esente
- Facile da installare
- Nessuna manutenzione

MAIN FEATURES:

- 1840 lumen at 3000K
- 1970 lumen at 4000K
- CRI 80
- Uniformity of colour temperature
- 3 secondary optics available
- IP40
- No UV or IR emission
- Mercury free
- Photobiologic risk: exempt
- Easy to install
- No maintenance



Optic	8°	Optic	24°	Optic	41°
Efficiency	92%	Efficiency	88%	Efficiency	89%
cd/lm	15.600	cd/lm	3.900	cd/lm	1.580

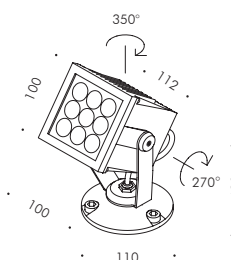


QUAD 9

design Daniele Monelli



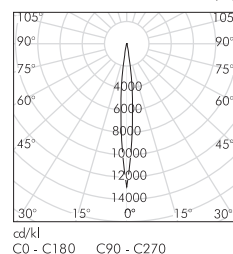
Proiettore per illuminazione di esterni di potenza. L'utilizzo del proiettore è particolarmente indicato dove si richiedano alti flussi luminosi e si debbano coprire distanze importanti tra l'apparecchio e il target da illuminare. *High power projector for outdoor architectural lighting. It's preferred field of use is for facades where an high luminous flux is needed and the target distance is high*



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
80130.717.U75	3000K	1840	80 min.	8°	Silver	700mA	21W
80130.717.U76				24°			
80130.717.U77				41°			
80130.718.U75	4000K	1970	80 min.	8°	Silver	700mA	21W
80130.718.U76				24°			
80130.718.U77				41°			

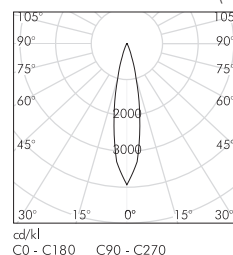
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
80135.717.U75	3000K	1840	80 min.	8°	Silver	48V DC	21W
80135.717.U76				24°			
80135.717.U77				41°			
80135.718.U75	4000K	1970	80 min.	8°	Silver	48V DC	21W
80135.718.U76				24°			
80135.718.U77				41°			

Neutral white - Narrow beam (8°)



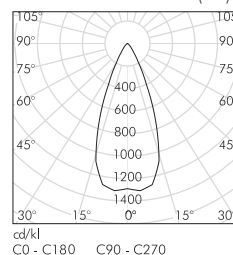
Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.16	25380
2.0	0.32	6345
3.0	0.48	2820
4.0	0.64	1586
5.0	0.80	1015
6.0	0.97	705
7.0	1.13	518

Neutral white - Medium beam (24°)

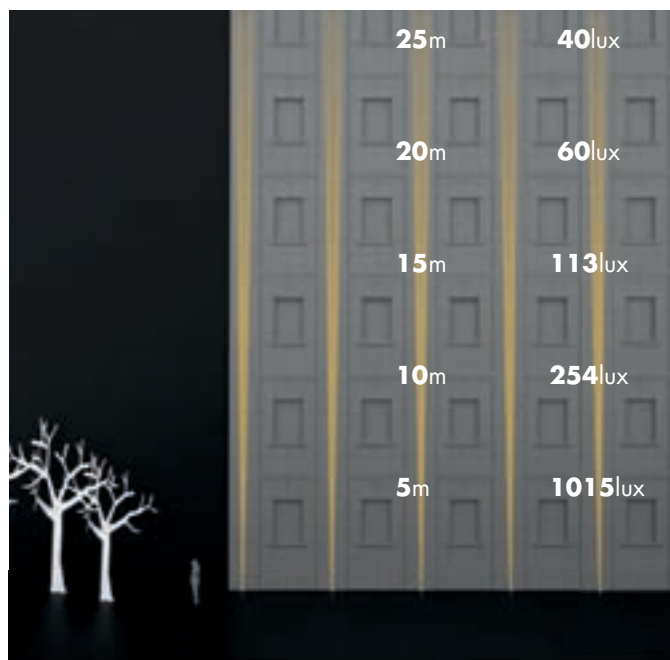


Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.19	30984
1.0	0.37	7746
1.5	0.56	3443
2.0	0.74	1937
2.5	0.93	1239
3.0	1.11	861

Neutral white - Wide beam (41°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.39	10157
1.0	0.77	2539
1.5	1.16	1129
2.0	1.54	635
2.5	1.93	406
3.0	2.32	282

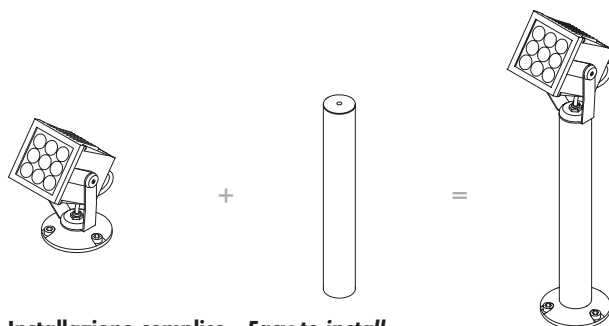
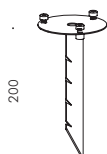


Simulazione Dialux
Dialux simulation

Performance del proiettore Quad9 su facciata architettonica.
Schema intuitivo della resa verticale del fascio stretto.
Quad9 projector performances on architectural facade.
Intuitive diagram of the vertical performance of the narrow beam.



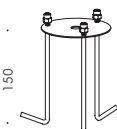
Code	Description	Finish
80146	Picchetto Spikes for ground	Silver



Installazione semplice - Easy to install
Il supporto accessorio può essere assemblato con facilità al proiettore.
The pole accessory is easy to be installed with the projector.



Code	Description	Finish
80147	Ganci per cemento Spikes for concrete	Silver



Code	Description	Finish
80145	Supporto h 350mm Pole h 350mm	Silver



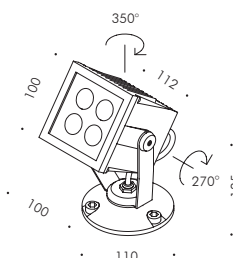
QUAD

design Daniele Monelli

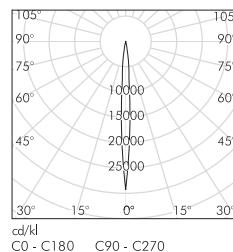


Proiettore realizzato in pressofusione di alluminio e verniciatura polimerica per resistere agli agenti esterni. Disponibili diversi toni colore dell'emitter ed intercambiabilità dei gruppi ottici con scelta tra i fasci stretto, medio e largo. La completa orientabilità del fascio luminoso, gli accessori disponibili, configurano questo elemento quale proposta ideale nell'illuminazione architeturale d'esterni.

Die-cast aluminium projector with polymeric silver painting. The versatility of the QUAD LED is supplemented and completed by secondary optics with three principal beam widths. The complete orientability of the light beam, the accessories available for application with arm and anti-glare filter, make this element the ideal product for exterior architectural lighting.

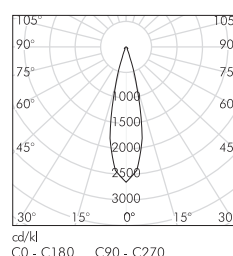


Neutral White - Narrow beam (6°)



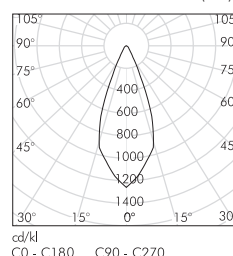
Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.12	19360
2.0	0.23	4840
3.0	0.35	2151
4.0	0.46	1210
5.0	0.58	774
6.0	0.69	538
7.0	0.81	395

Neutral White - Medium beam (24°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.22	7001
1.0	0.44	1750
1.5	0.66	778
2.0	0.88	438
2.5	1.10	280
3.0	1.32	194

Neutral White - Wide beam (37°)



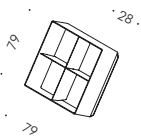
Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.37	2165
1.0	0.74	541
1.5	1.12	241
2.0	1.49	135
2.5	1.86	87
3.0	2.23	60

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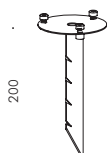
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
80120.710.U10	3150K	610	93	6°	Silver	220 240V	8W
80120.710.U11				24°			
80120.710.U12				37°			
80120.711.U10	4325K	660	75	6°			
80120.711.U11				24°			
80120.711.U12				37°			
80120.712.U10	5350K	730	75	6°			
80120.712.U11				24°			
80120.712.U12				37°			



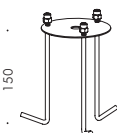
Code	Description	Finish
80140	Darklight accessorio Darklight accessory	Black glossy



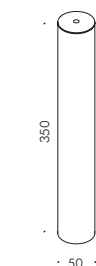
Code	Description	Finish
80146	Picchetto Spikes for ground	Silver



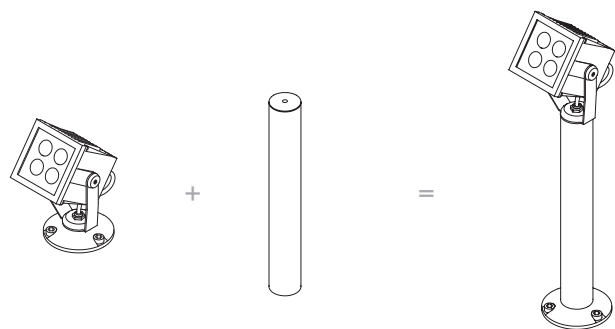
Code	Description	Finish
80147	Ganci per cemento Spikes for concrete	Silver



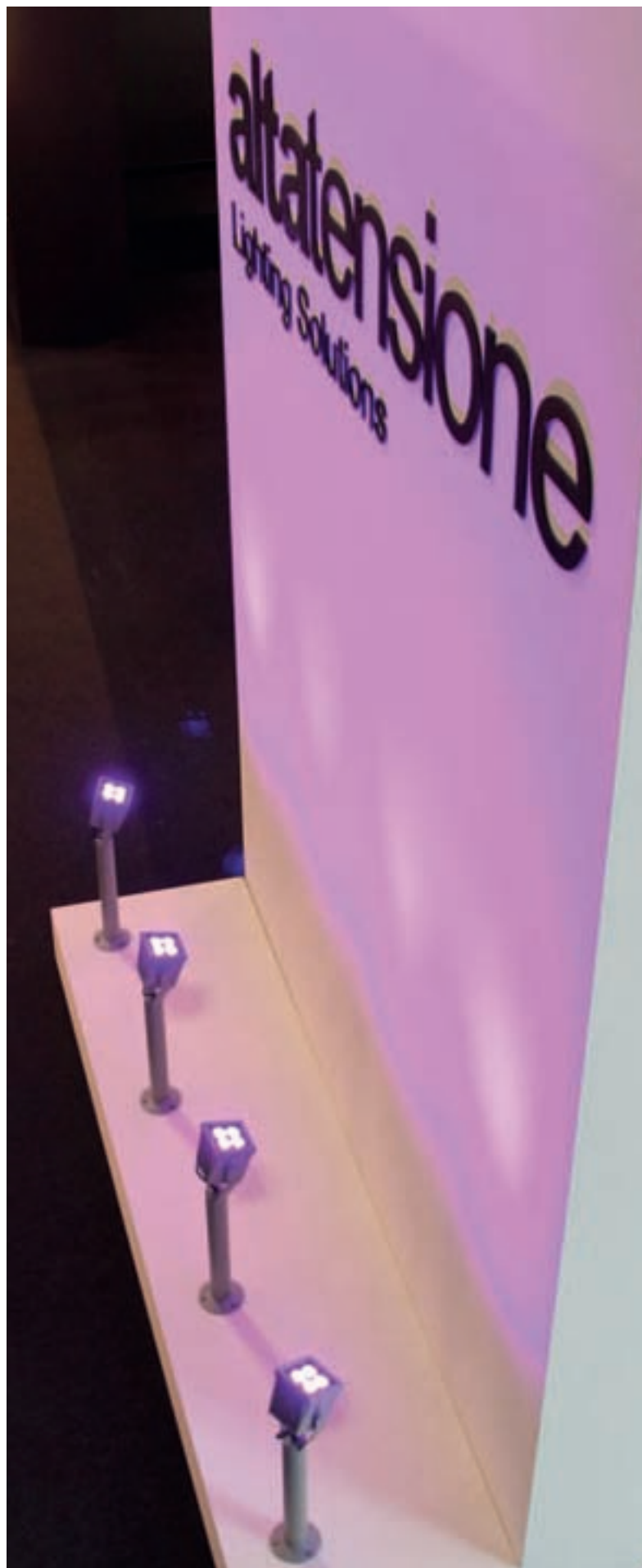
Code	Description	Finish
80145	Supporto h 350mm Pole h 350mm	Silver



Installazione semplice - Easy to install



Il supporto accessorio può essere assemblato con facilità al proiettore.
The pole accessory is easy to be installed with the projector.



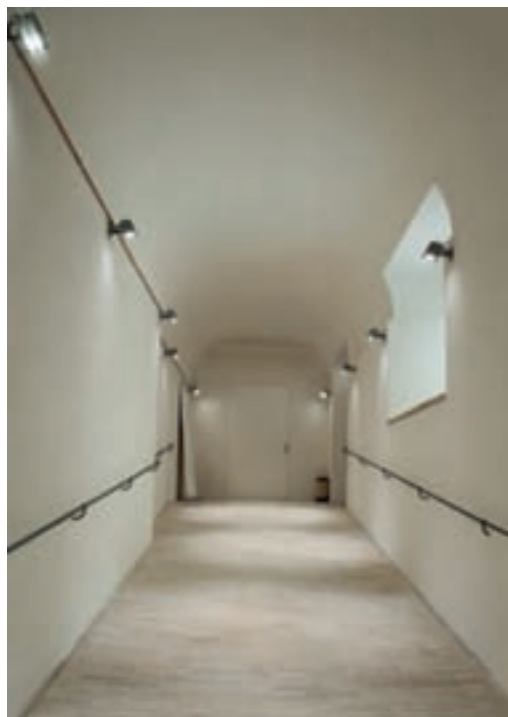




Santa Casa di Loreto.
Corridoio e scale dell'asinello

*Holy House, Loreto
Passage and donkey's stairs.*

Project: Arch. Paola Baiocco



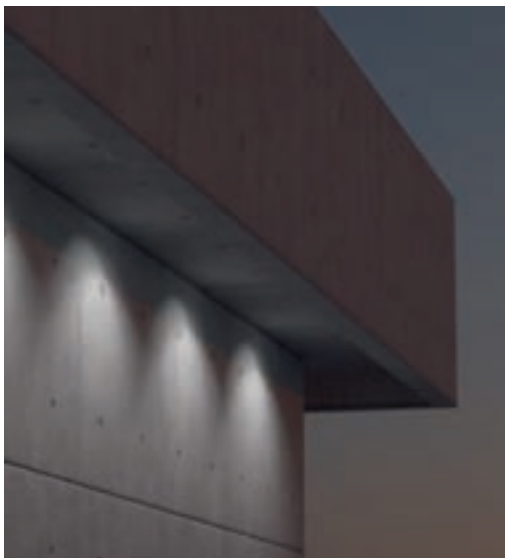
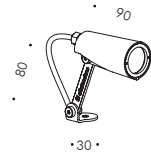
RX4

design Daniele Monelli



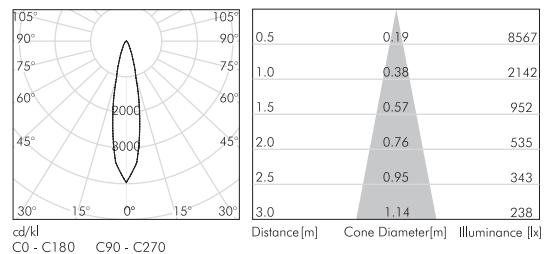
Proiettore in pressofusione di alluminio e verniciatura polimerica per resistere agli agenti esterni. RX4 si compone di un braccio snodato anch'esso in pressofusione che facilita il posizionamento dell'emissione luminosa. Ideale per illuminazione d'accento e di evidenziazione. Piani ottici addizionali disponibili in tre diverse gradazioni, integrati dal componente "darklight" antiabbagliamento. La scheda led è dimmerabile con le elettroniche a catalogo, alimentazione 24V DC.

Die-cast aluminium projector with polymeric silver painting. RX4 include an orientable die-cast arm, a spike for the ground, a cylindrical support and an anti-dazzle element. Powered by a dimmable 24VDC LED board, it provides high luminous efficiency. This device can be used for all lighting installation where requested maximum adjustable flexibility.

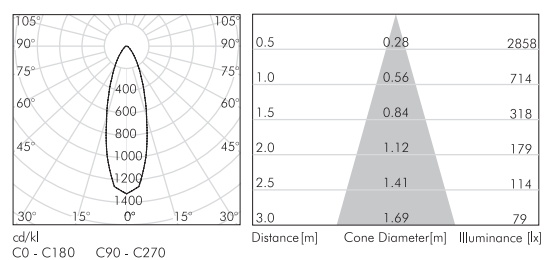


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
80160.775.U30	3200K	420	80	10°	Silver	350mA 500mA 700mA	3W 4.5W 7W
80160.775.U31				20°			
80160.775.U32				30°			
80162.U30	4300K	540	80	10°	Silver	24V DC	7W
80162.U31				20°			
80162.U32				30°			

Neutral White 7W - Medium beam 20°



Neutral White 7W - Wide beam 30°





Code	Description	Finish
80165	Darklight accessorio Darklight accessory	Black glossy

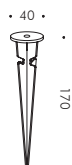


Installazione semplice - Easy to install

Il supporto accessorio può essere assemblato con facilità al proiettore.
The pole accessory is easy to be installed with the projector.

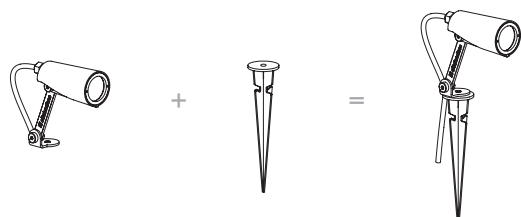


Code	Description	Finish
80167	Picchetto Spikes for ground	Silver



Installazione semplice - Easy to install

Il supporto accessorio può essere assemblato con facilità al proiettore.
The pole accessory is easy to be installed with the projector.

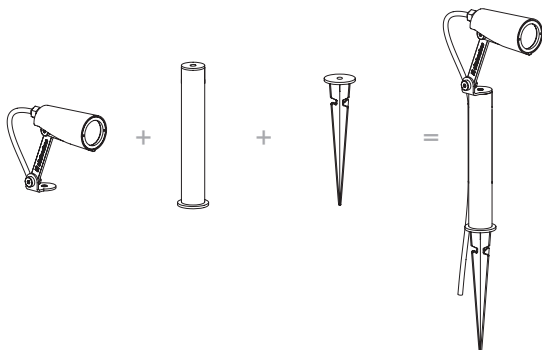


Code	Description	Finish
80166	Supporto h 180mm Pole h 180mm	Silver



Installazione semplice - Easy to install

Il supporto accessorio può essere assemblato con facilità al proiettore.
The pole accessory is easy to be installed with the projector.









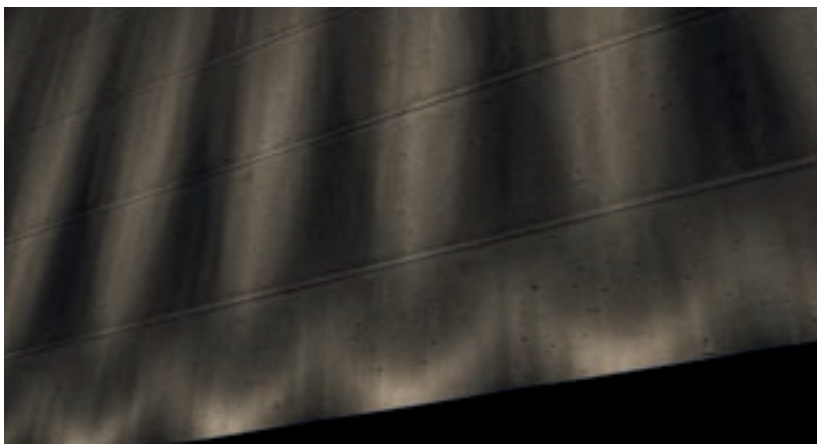
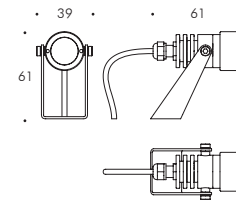
MINILED adj

design Nicola Del Lungo

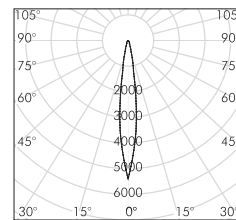


Proiettore in pressofusione di alluminio e verniciatura polimerica per resistere agli agenti esterni. RX4 si compone di un braccio snodato anch'esso in pressofusione che facilita il posizionamento dell'emissione luminosa. Ideale per illuminazione d'accento e di evidenziazione. Piani ottici addizionali disponibili in tre diverse gradazioni, integrati dal componente "darklight" antiabbagliamento. La scheda led è dimmerabile con le elettroniche a catalogo, alimentazione 24V DC.

Die-cast aluminium projector with polymeric silver painting. RX4 include an orientable die-cast arm, a spike for the ground, a cylindrical support and an anti-dazzle element. Powered by a dimmable 24VDC LED board, it provides high luminous efficiency. This device can be used for all lighting installation where requested maximum adjustable flexibility.



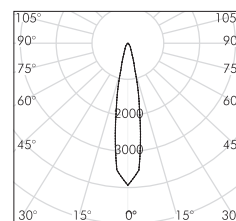
Neutral White - Narrow beam (10°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.4	0.10	3204
0.8	0.19	801
1.2	0.29	356
1.6	0.38	200
2.0	0.48	128

cd/kl C0 - C180 C90 - C270

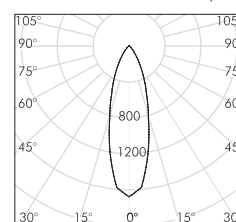
Neutral White - Medium beam (20°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.4	0.14	2337
0.8	0.27	584
1.2	0.41	260
1.6	0.54	146
2.0	0.68	93

cd/kl C0 - C180 C90 - C270

Neutral White - Wide beam (30°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.4	0.21	996
0.8	0.43	249
1.2	0.64	111
1.6	0.85	62
2.0	1.06	40

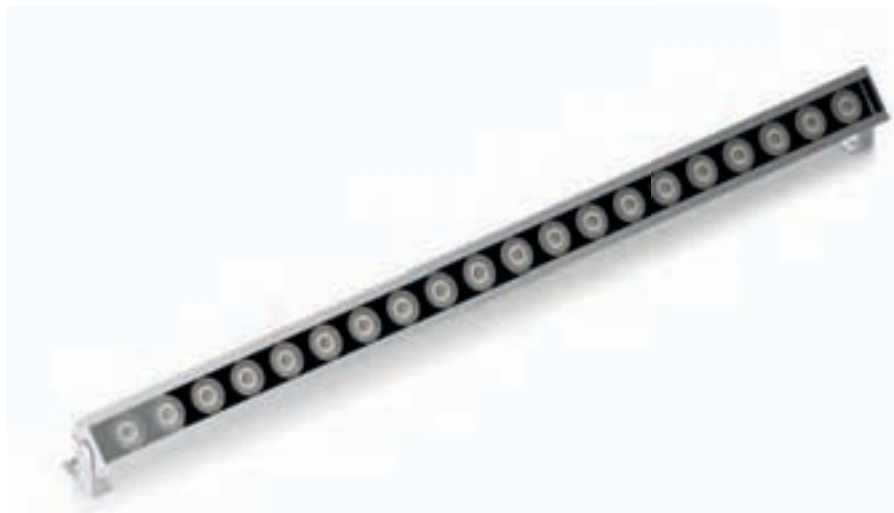
cd/kl C0 - C180 C90 - C270



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
80150.U40	3000K	80	80	10°	Transparent powder coating	24V DC	1W
80150.U41				20°			
80150.U42				30°			
80151.U40	4000K	95	80	10°			
80151.U41				20°			
80151.U42				30°			
80152.U42	Blue	-	-	30°			
80153.U42	Red	-	-	30°			

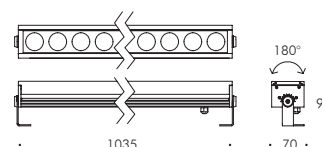
LINEAR 7055

design Daniele Monelli



Proiettore per esterni di notevole potenza realizzato in alluminio laccato con vetro frontale. Il prodotto è parte integrante dell'offerta dedicata all'illuminazione di facciate, parchi, monumenti ed esterni in genere. Bianco monocromatico ed RGB caratterizzano la proposta. Diverse le ottiche associabili ai profili. Staffe di supporto Acciaio AISI 316.

High power outdoor projector, aluminium body and front glass protection. Linear 7055 have been designed to offer the highest lumen flux and complete our offer for facades, parks and monuments lighting. Monochromatic white and RGB are also available. Several opticts devices could be used according needs of lighting designers. Wall bracket steel AISI 316.

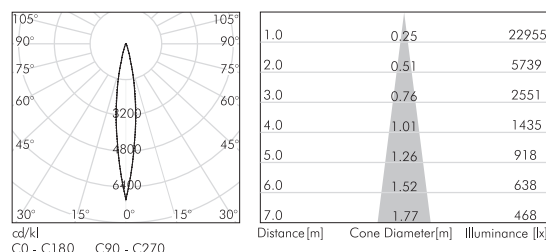


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
80181.725.U80	3150K	3050	93	10°	Gray powder coating. Stainless steel.	48V DC	40W
80181.725.U81				25°			
80181.725.U82				35°			
80181.726.U80	4325K	3300		10°			
80181.726.U81				25°			
80181.726.U82				35°			

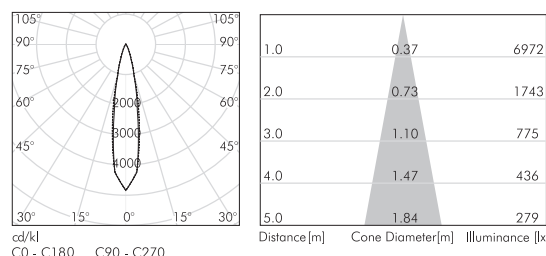


Code	Light colour	lm	CRI	Optic	Finish	Power feed	Power
80186.727.U83	RGB	-	-	35°	Gray powder coating. Stainless steel.	24V DC	60W

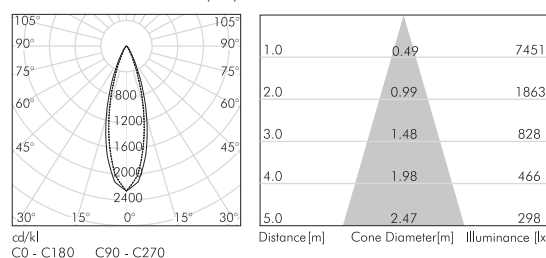
Neutral White - Narrow beam (10°)



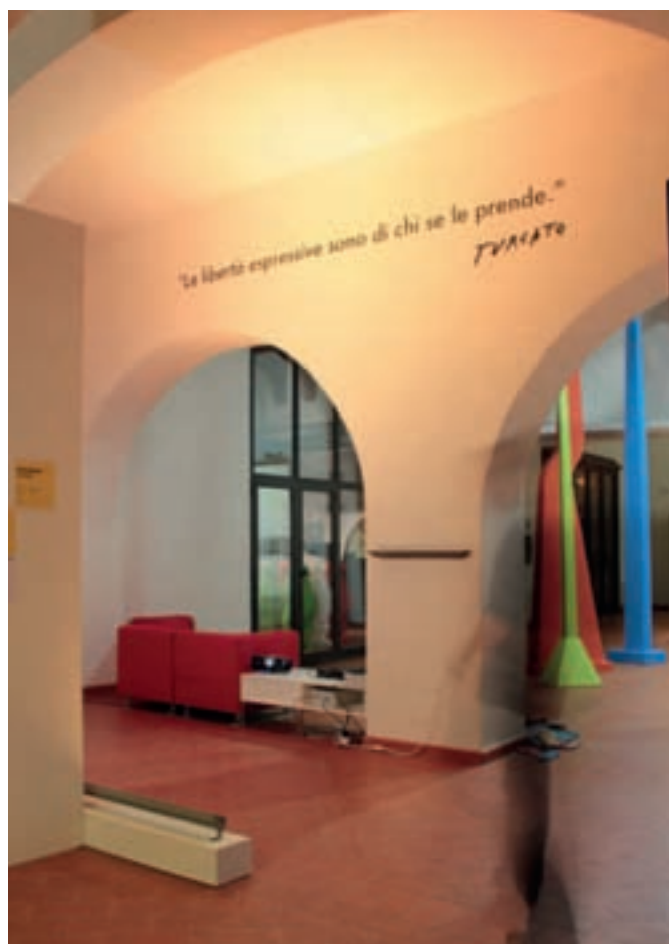
Neutral White - Medium beam (25°)



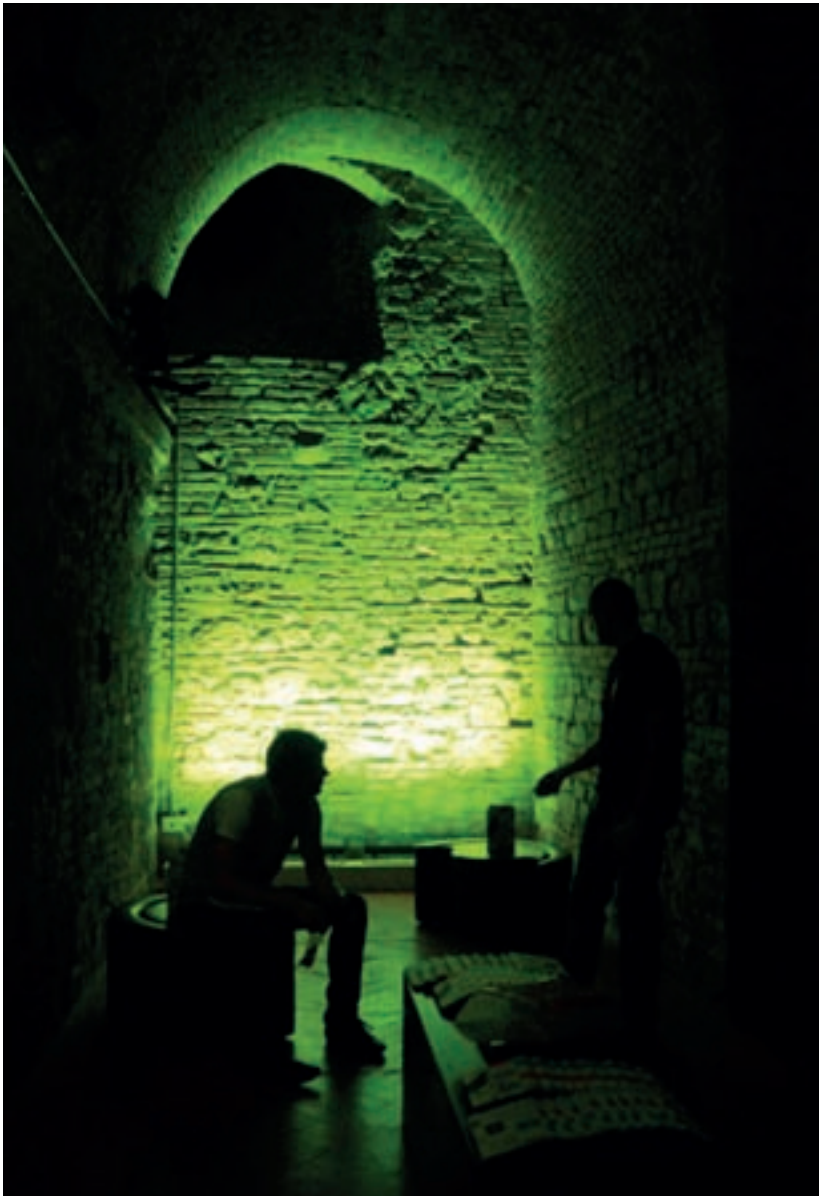
Neutral White - Wide beam (35°)

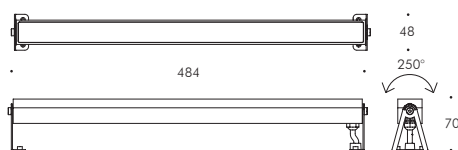
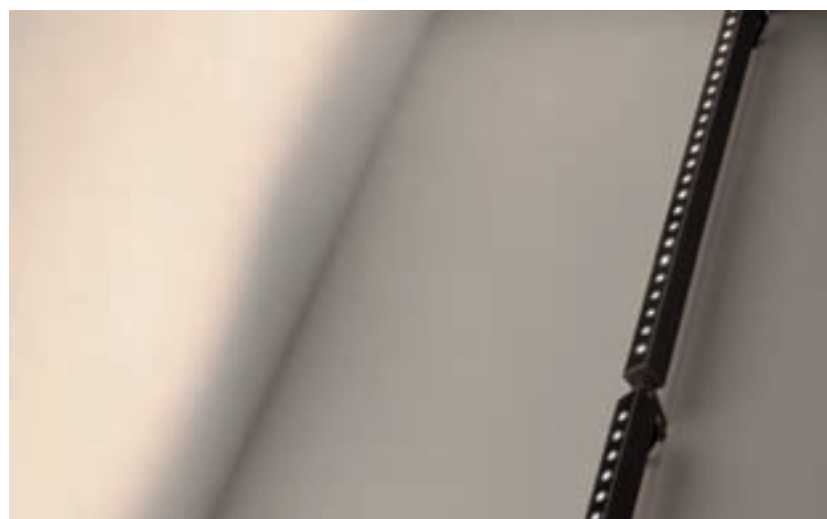






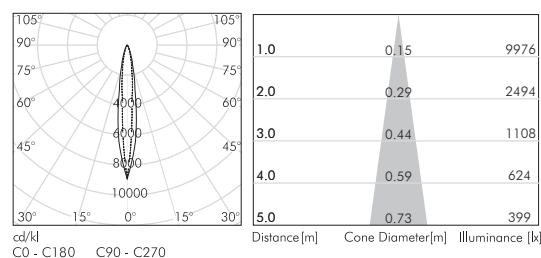
FestArch 2011
International Architecture Festival by Abitare
Terni



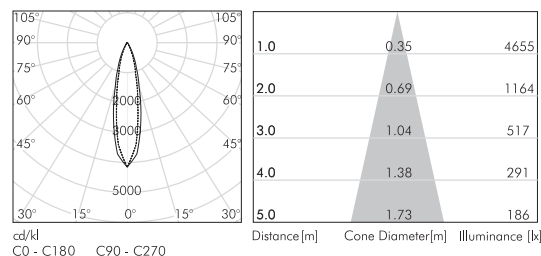


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
80190.790.U65	3000	885	85	16°	Gray powder coating	24V DC	15W
80190.790.U66				24°			
80190.790.U67				35°			
80190.790.U68				18+48°			
80190.793.U65	4000	1120	85	16°	Gray powder coating	24V DC	15W
80190.793.U66				24°			
80190.793.U67				35°			
80190.793.U68				18+48°			

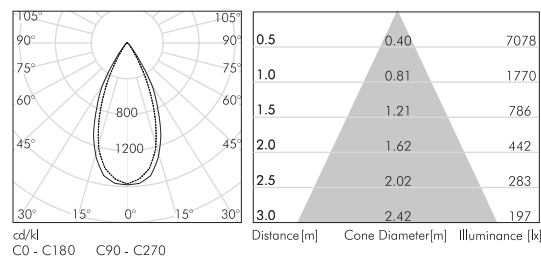
Neutral White 15W - Narrow beam 16°



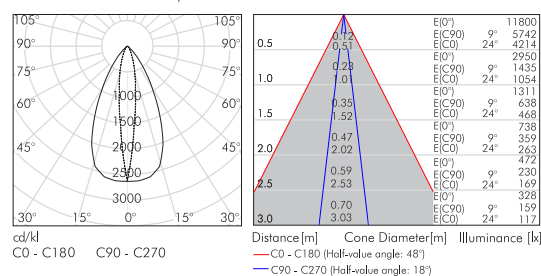
Neutral White 15W - Medium beam 24°



Neutral White 15W - Wide beam 35°



Neutral White 15W - Elliptical 18+48°



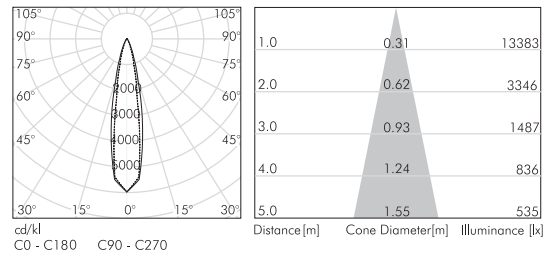
LINEAR 3232

design Nicola Del Lungo

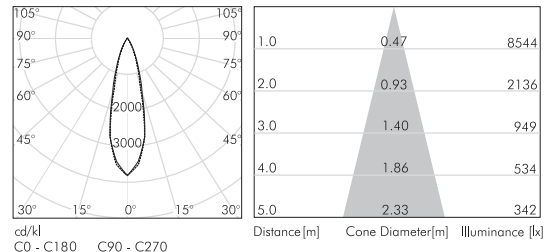
Proiettore orientabile per esterni realizzato in alluminio laccato con vetro frontale. Ottiche secondarie con 4 possibilità applicative: fascio stretto, medio, largo ed ellittica. Il proiettore è disponibile in due misure: 50 cm e 100 cm. Staffe di supporto acciaio AISI 316.
Extra small adjustable outdoor projector, aluminium body and front glass protection. Narrow, medium, large and elliptical beam angle also available. Two sizes available: cm 50 and cm 100. Wall bracket steel AISI 316.



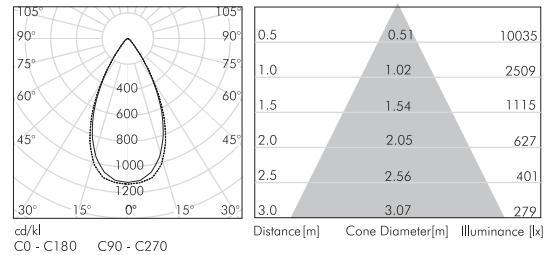
Neutral White 30W - Narrow beam 16°



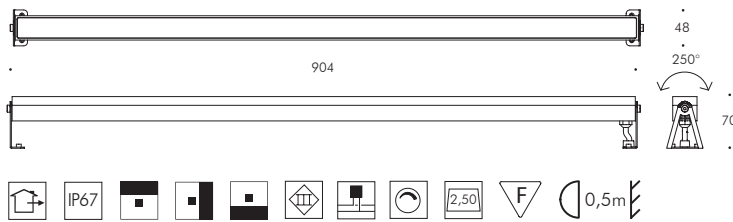
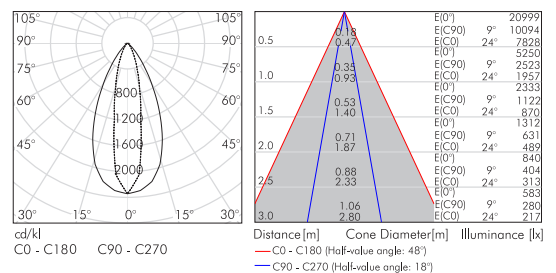
Neutral White 30W - Medium beam 24°



Neutral White 30W - Wide beam 35°



Neutral White 30W - Elliptical 18+48°



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
80195.796.U65	3000	1770	85	16°	Gray powder coating	24V DC	30W
80195.796.U66				24°			
80195.796.U67				35°			
80195.796.U68				18+48°			
80195.798.U65	4000	2200	85	16°	Gray powder coating	24V DC	30W
80195.798.U66				24°			
80195.798.U67				35°			
80195.798.U68				18+48°			

10.

ESTERNI OUTDOOR

Questa sezione comprende tutti gli incassi calpestabili contraddistinti dalla classe di protezione IP65 e IP67. Il loro corretto posizionamento permette la creazione di scenari e giochi di luce dall'elevato impatto estetico, sono molto utilizzati nell'illuminazione di esterni perché coniugano potenza e versatilità.

This section includes walk over recessed products with IP65 and IP67. Their right positioning let create scenarios and plays of light with a high aesthetic impact. These products are greatly used for the outdoor lighting as they can offer power and versatility at the same time.

INCASSATI A PAVIMENTO RECESSED IN-GROUND FITTINGS







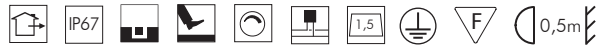
136R

design Nicola Del Lungo

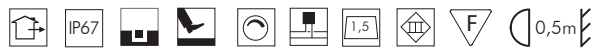


Incassato per interni ed esterni, disponibile con luce calda e neutra. Utilizza ottiche secondarie a fascio stretto, medio o largo. L'apparecchio è calpestabile e stagno, grado di protezione IP67. La ghiera frontale è realizzata in acciaio AISI 316L. Sistema di fissaggio con cassaforma in PBT per muratura.

Outdoor recessed device, available in warm and neutral white. This model include secondary optics; narrow, medium and wide beam light angle available. Walk over device, IP67, tight and resin filled plastic cable gland. Clear protection glass. AISI 316L stainless steel front trim. Gasket for dust and water protection. PBT housing to install the spot in concrete.



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
80320.710.U10	3150K	610	93	6°	Gray powder coating. Stainless steel AISI316L	220-240V	8W
80320.710.U11				24°			
80320.710.U12				37°			
80320.711.U10	4325K	660	93	6°			
80320.711.U11				24°			
80320.711.U12				37°			

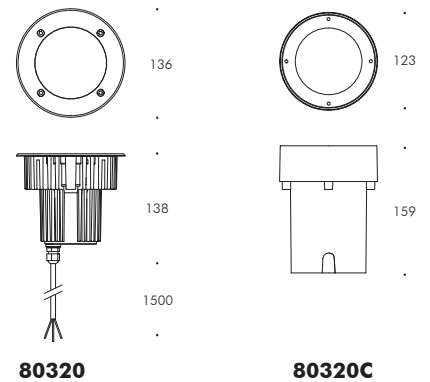


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
80310.715.U10	3150K	610	93	6°	Gray powder coating. Stainless steel AISI316L	24V DC	8W
80310.715.U11				24°			
80310.715.U12				37°			
80310.716.U10	4325K	660	93	6°			
80310.716.U11				24°			
80310.716.U12				37°			

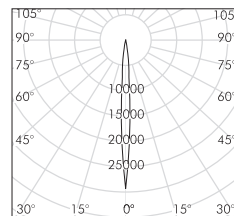
Cassaforma da ordinare separatamente
Housing to be ordered separately:



Code	Description
80320C	Cassaforma in PTB per installazione in muratura. PBT housing to install spot in concrete.

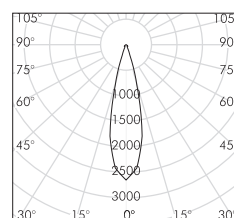


Neutral White - Narrow beam (6°)



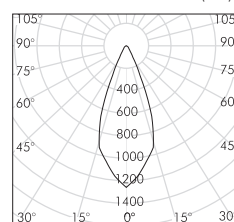
Distance[m]	Cone Diameter[m]	Iluminance [lx]
1.0	0.12	19360
2.0	0.23	4840
3.0	0.35	2151
4.0	0.46	1210
5.0	0.58	774
6.0	0.69	538
7.0	0.81	395

Neutral White - Medium beam (24°)



Distance[m]	Cone Diameter[m]	Iluminance [lx]
0.5	0.22	7001
1.0	0.44	1750
1.5	0.66	778
2.0	0.88	438
2.5	1.10	280
3.0	1.32	194

Neutral White - Wide beam (37°)



Distance[m]	Cone Diameter[m]	Iluminance [lx]
0.5	0.37	2165
1.0	0.74	541
1.5	1.12	241
2.0	1.49	135
2.5	1.86	87
3.0	2.23	60

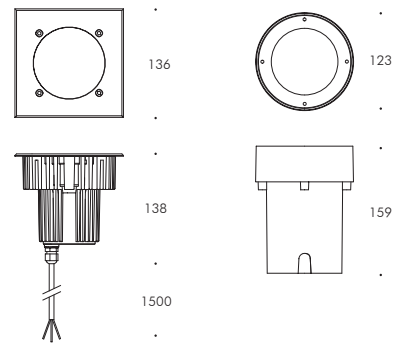


136S

design Nicola Del Lungo

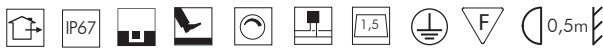


Incassato per interni ed esterni, disponibile con luce calda e neutra. Utilizza ottiche secondarie a fascio stretto, medio o largo. L'apparecchio è calpestabile e stagno, grado di protezione IP67. La ghiera frontale è realizzata in acciaio AISI 316L. Sistema di fissaggio con cassaforma in PBT per muratura.
 Outdoor recessed device, available in warm and neutral white. This model include secondary optics; narrow, medium and wide beam light angle availables. Walk over device, IP67, tight and resin filled plastic cable gland. Clear protection glass. AISI 316L stainless steel front trim. Gasket for dust and water protection. PBT housing to install the spot in concrete.

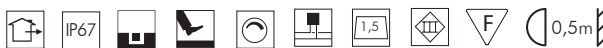


80321

80320C

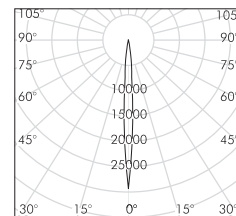


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
80321.710.U10	3150K	610	93	6°	Gray powder coating. Stainless steel AISI316L	220-240V	8W
80321.710.U11				24°			
80321.710.U12				37°			
80321.711.U10	4325K	660	6°				
80321.711.U11			24°				
80321.711.U12			37°				



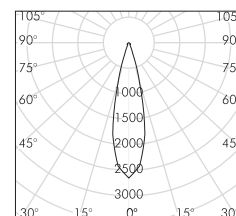
Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
80311.715.U10	3150K	610	93	6°	Gray powder coating. Stainless steel AISI316L	24V DC	8W
80311.715.U11				24°			
80311.715.U12				37°			
80311.716.U10	4325K	660	6°				
80311.716.U11			24°				
80311.716.U12			37°				

Neutral White - Narrow beam (6°)



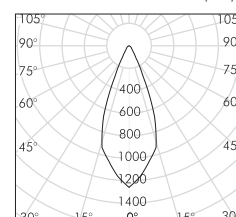
Distance [m]	Cone Diameter [m]	Illuminance [lx]
1.0	0.12	19360
2.0	0.23	4840
3.0	0.35	2151
4.0	0.46	1210
5.0	0.58	774
6.0	0.69	538
7.0	0.81	395

Neutral White - Medium beam (24°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.22	7001
1.0	0.44	1750
1.5	0.66	778
2.0	0.88	438
2.5	1.10	280
3.0	1.32	194

Neutral White - Wide beam (37°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.5	0.37	2165
1.0	0.74	541
1.5	1.12	241
2.0	1.49	135
2.5	1.86	87
3.0	2.23	60

Cassaforma da ordinare separatamente
 Housing to be ordered separately:



Code	Description
80320C	Cassaforma in PTB per installazione in muratura. PBT housing to install spot in concrete.

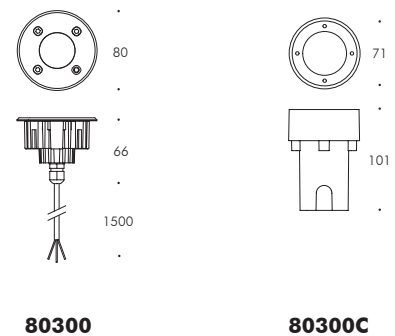


80R

design Nicola Del Lungo

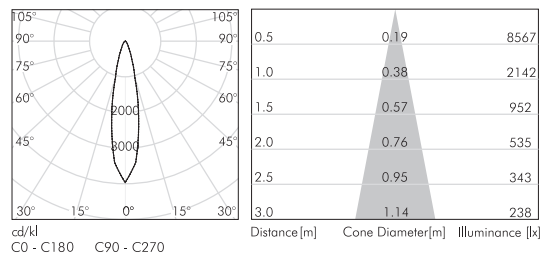


Incassato per interni ed esterni, disponibile con luce calda e neutra. Utilizza ottiche secondarie a fascio stretto, medio o largo. L'apparecchio è calpestabile e stagno, grado di protezione IP67. Monta una scheda led ad alta efficienza, dimmerabile, utilizzando i profili elettronici appositamente previsti. La ghiera frontale è realizzata in acciaio AISI 316L. Sistema di fissaggio con cassaforma in PBT per muratura. *Outdoor recessed device, available in warm white and neutral white. This model include secondary optics; narrow, medium and wide beam light angle availables. Walk over device, IP67, tight and resin filled plastic cable gland. Clear protection glass. AISI 316L stainless steel front trim. Gasket for dust and water protection. PBT housing to install the spot in concrete.*

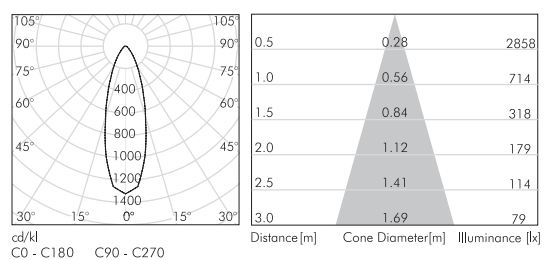


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
80300.U30	3000K	320	80	10°	Gray powder coating. Stainless steel AISI316L	24V DC	7W
80300.U31				20°			
80300.U32				30°			
80301.U30	4000K	540	80	10°			
80301.U31				20°			
80301.U32				30°			

Neutral White - Medium beam 20°



Neutral White - Wide beam 30°



Cassaforma da ordinare separatamente
Housing to be ordered separately:



Code	Description
80300C	Cassaforma in PTB per installazione in muratura. PBT housing to install spot in concrete.



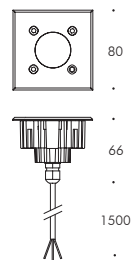




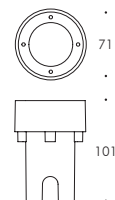
80S

design Nicola Del Lungo

Incassato per interni ed esterni, disponibile con luce calda e neutra. Utilizza ottiche secondarie a fascio stretto, medio o largo. L'apparecchio è calpestabile e stagno, grado di protezione IP67. Monta una scheda led ad alta efficienza, dimmerabile, utilizzando i profili elettronici appositamente previsti. La ghiera frontale è realizzata in acciaio AISI 316L. Sistema di fissaggio con cassaforma in PBT per muratura. *Outdoor recessed device, available in warm white and neutral white. This model include secondary optics; narrow, medium and wide beam light angle available. Walk over device, IP67, tight and resin filled plastic cable gland. Clear protection glass. AISI 316L stainless steel front trim. Gasket for dust and water protection. PBT housing to install the spot in concrete. PBT housing to install the spot in concrete.*



80305

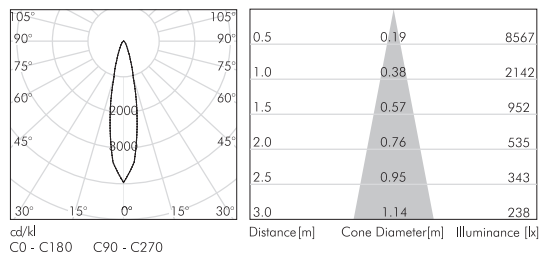


80300C

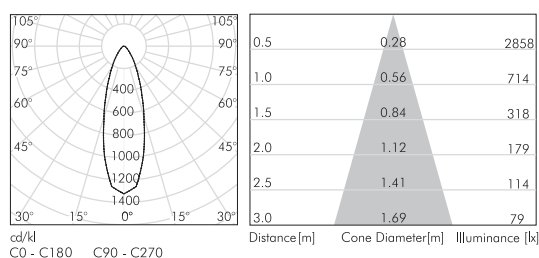


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
80305.U30	3000K	420	80	10°	Gray powder coating. Stainless steel AISI316L	24V DC	7W
80305.U31				20°			
80305.U32				30°			
80306.U30	4000K	540		10°			
80306.U31				20°			
80306.U32				30°			

Neutral White - Medium beam 20°



Neutral White - Wide beam 30°



Cassaforma da ordinare separatamente
Housing to be ordered separately:



Code	Description
80300C	Cassaforma in PTB per installazione in muratura. PBT housing to install spot in concrete.

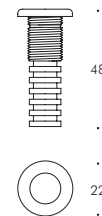


MICROLED outdoor

design Nicola Del Lungo

Incassato di segnalazione-decorazione per interni ed esterni, disponibile con luce calda, neutra, o colori monocromatici. L'apparecchio è calpestabile e stagno, grado di protezione IP67.

Il corpo è realizzato in alluminio tornito per ottimizzare la dissipazione. La ghiera frontale è realizzata in acciaio AISI 304. Il vetro di protezione è leggermente satinato. Il sistema di fissaggio prevede ghiera filettata in alluminio, con molla in acciaio per pannello e cassaforma in PBT per muratura. *Recessed Indoor and outdoor microled, available in warm white, neutral white, or monochromatic colors. Walk over device, IP67, it can be installed in ground, wall or ceiling recessed. Aluminum body to optimize thermal management. AISI 304 stainless steel front trim. Light frosted glass for lowest antiglare effects. Installation possible with aluminum ring nut, or steel spring. PBT housing included*



Kit per il montaggio / Installation kit



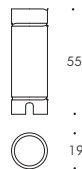
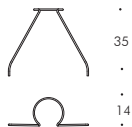
Ghiera filettata in alluminio per installazione su superfici.
Aluminum threaded ring nut.



Molla in acciaio.
Steel spring.

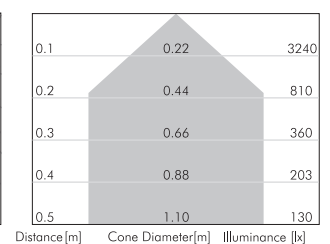
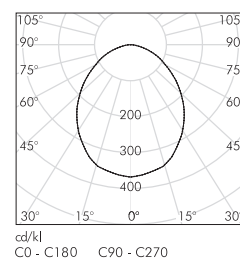


Cassaforma in PBT per installazione in muratura.
PBT housing to install the spot in concrete.



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
85300	3000K	74	80	120°	Aluminum Stainless steel AISI 304	350mA	1W
85301	4000K	88	75				
85302	Blue	-	-				
85303	Red	-	-				

Neutral White -120°



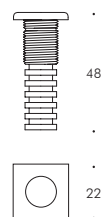
MICROLED outdoor

design Nicola Del Lungo



Incassato di segnalazione-decorazione per interni ed esterni, disponibile con luce calda, neutra, o colori monocromatici. L'apparecchio è calpestabile e stagno, grado di protezione IP67.

Il corpo è realizzato in alluminio tornito per ottimizzare la dissipazione. La ghiera frontale è realizzata in acciaio AISI 304. Il vetro di protezione è leggermente satinato. Il sistema di fissaggio prevede ghiera filettata in alluminio, con molla in acciaio per pannello e cassaforma in PBT per muratura. *Recessed Indoor and outdoor microled, available in warm white, neutral white, or monochromatic colors. Walk over device, IP67, it can be installed in ground, wall or ceiling recessed. Aluminum body to optimize thermal management. AISI 304 stainless steel front trim. Light frosted glass for lowest antiglare effects. Installation possible with aluminum ring nut, or steel spring. PBT housing included*



Kit per il montaggio / Installation kit



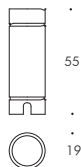
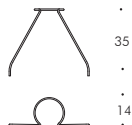
Ghiera filettata in alluminio per installazione su superfici.
Aluminum threaded ring nut.



Molla in acciaio.
Steel spring.

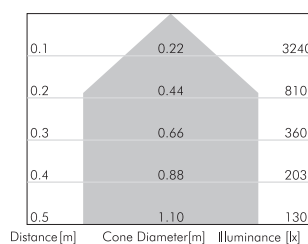
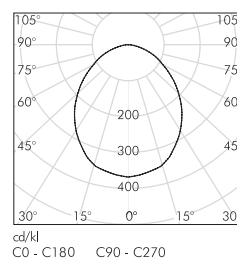


Cassaforma in PBT per installazione in muratura.
PBT housing to install the spot in concrete.



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
85320	3000K	74	80	120°	Aluminum	350mA	1W
85321	4000K	88	75		Stainless steel AISI 304		

Neutral White -120°



MINILED outdoor

design Nicola Del Lungo



Mini proiettore da incasso per interni ed esterni, disponibile con luce calda, neutra, rossa o blu. Utilizza ottiche secondarie a fascio stretto, medio o largo. L'apparecchio è calpestabile e stagno, grado di protezione IP67. Il corpo è realizzato in alluminio tornito per ottimizzare la dissipazione. La ghiera frontale è realizzata in acciaio AISI 304. Il sistema di fissaggio prevede ghiera filettata in alluminio, con molla in acciaio per pannello e cassaforma in PBT per muratura. Recessed Indoor and outdoor miniled, available in warm white, neutral white, or monochromatic colors. This model include secondary optics, narrow, medium and wide beam light angle availables. Walk over device, IP67, it can be installed in ground, wall or ceiling recessed. Aluminum body to optimize thermal management. AISI 304 stainless steel front trim. Installation possible with aluminum ring nut, or steel spring. PBT housing included.

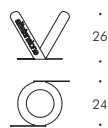
Kit per il montaggio / Installation kit



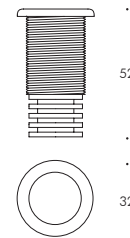
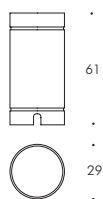
Ghiera filettata in alluminio per installazione su superfici.
Aluminum threaded ring nut.



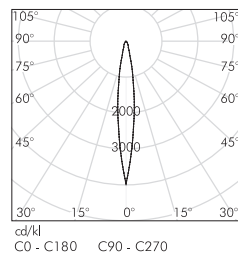
Molla in acciaio.
Steel spring.



Cassaforma in PBT per installazione in muratura.
PBT housing to install the spot in concrete.

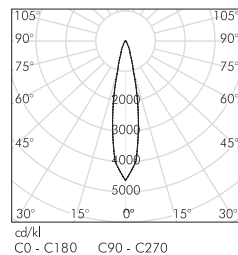


Neutral White - Narrow beam (10°)



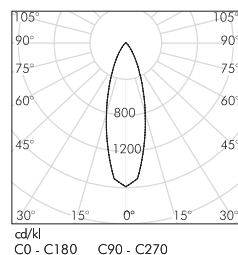
Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.4	0.09	4342
0.8	0.19	1086
1.2	0.28	482
1.6	0.37	271
2.0	0.46	174

Neutral White - Medium beam (20°)



Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.4	0.15	5055
0.8	0.30	1264
1.2	0.44	562
1.6	0.59	316
2.0	0.74	202

Neutral White - Wide beam (30°)

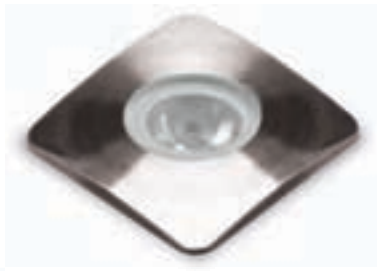


Distance [m]	Cone Diameter [m]	Illuminance [lx]
0.4	0.22	1738
0.8	0.45	434
1.2	0.67	193
1.6	0.90	109
2.0	1.12	70

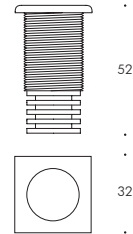
Code	Light temp.	Im	CRI	Optic	Finish	Power feed	Power			
85310	3000K	150	80	10°	Aluminum Stainless steel AISI 304	350mA	3W			
85311				20°						
85312				30°						
85313	4000K	175	75	10°						
85314				20°						
85315				30°						
85319	Blue	-	-	30°						
85322	red	-	-	30°						

MINILED outdoor

design Nicola Del Lungo



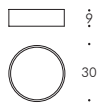
Mini proiettore da incasso per interni ed esterni, disponibile con luce calda, neutra, rossa o blu. Utilizza ottiche secondarie a fascio stretto, medio o largo. L'apparecchio è calpestabile e stagno, grado di protezione IP67. Il corpo è realizzato in alluminio tornito per ottimizzare la dissipazione. La ghiera frontale è realizzata in acciaio AISI 304. Il sistema di fissaggio prevede ghiera filettata in alluminio, con molla in acciaio per pannello e cassaforma in PBT per muratura. Recessed Indoor and outdoor miniled, available in warm white, neutral white, or monochromatic colors. This model include secondary optics, narrow, medium and wide beam light angle availables. Walk over device, IP67, it can be installed in ground, wall or ceiling recessed. Aluminum body to optimize thermal management. AISI 304 stainless steel front trim. Installation possible with aluminum ring nut, or steel spring. PBT housing included.



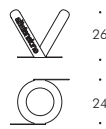
Kit per il montaggio / Installation kit



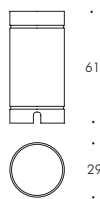
Ghiera filettata in alluminio per installazione su superfici.
Aluminum threaded ring nut.



Molla in acciaio.
Steel spring.

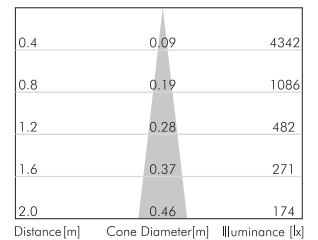
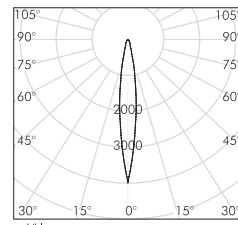


Cassaforma in PBT per installazione in muratura.
PBT housing to install the spot in concrete.

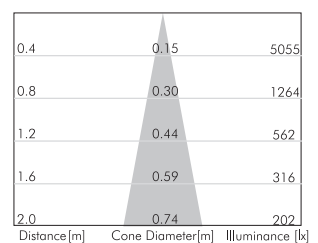
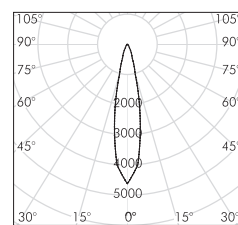


Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
85240	3000K	150	80	10°	Aluminum Stainless steel AISI 304	700mA	3W
85241				20°			
85242				30°			
85243	4000K	175	75	10°			
85244				20°			
85245				30°			

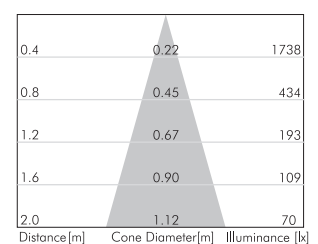
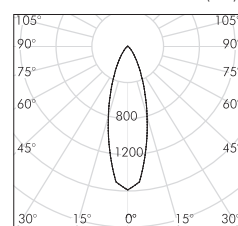
Neutral White - Narrow beam (10°)

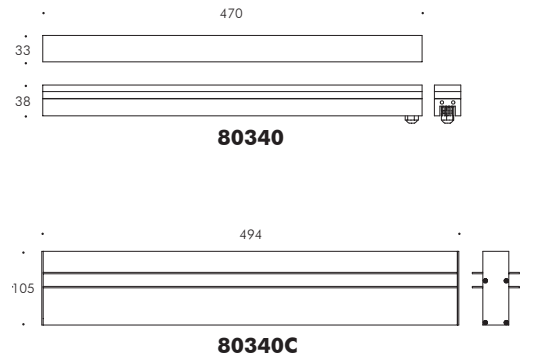
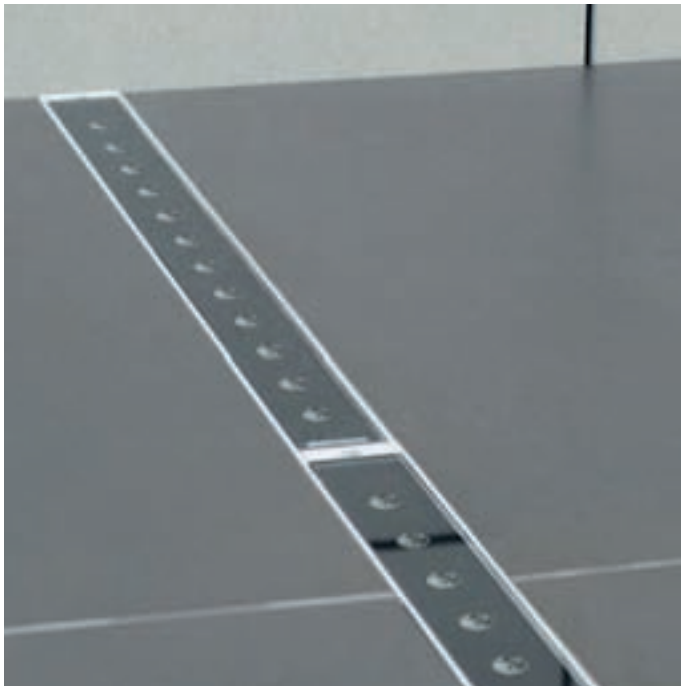


Neutral White - Medium beam (20°)

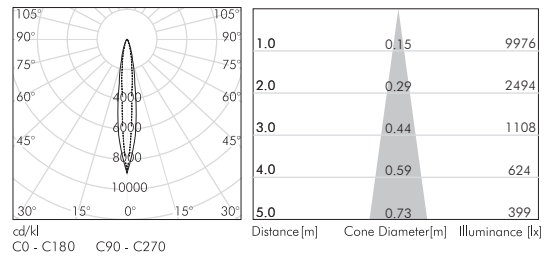


Neutral White - Wide beam (30°)

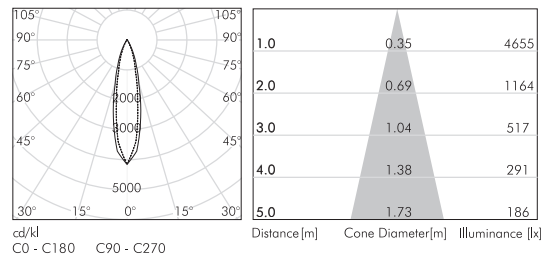




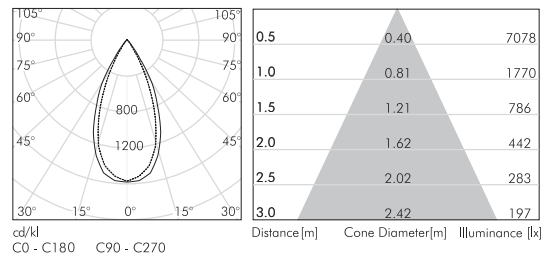
Neutral White 15W - Medium beam 16°



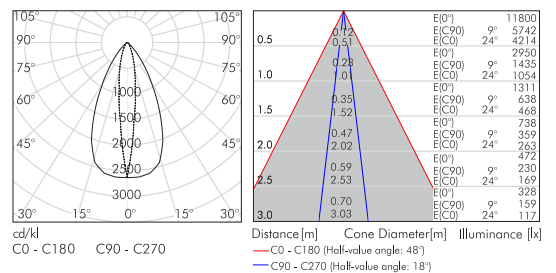
Neutral White 15W - Medium beam 24°



Neutral White 15W - Wide beam 35°



Neutral White 15W - Elliptical 18+48°



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
80340.790.U65	3000K	885	85	16°	Gray powder coating.	24V DC	15W
80340.790.U66				24°			
80340.790.U67				35°			
80340.790.U68				18+48°			
80340.793.U65	4000K	1120	85	16°	Gray powder coating.	24V DC	15W
80340.793.U66				24°			
80340.793.U67				35°			
80340.793.U68				18+48°			

Cassaforma da ordinare separatamente
Housing to be ordered separately:



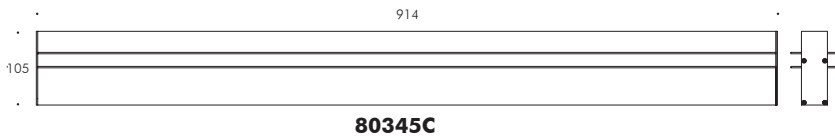
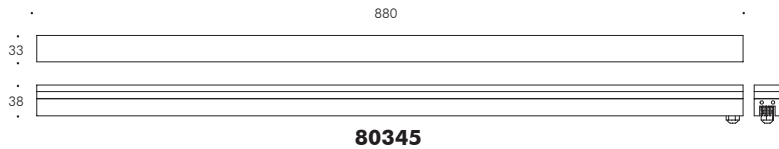
Code	Description
80340C	Cassaforma in alluminio per installazione in muratura. Aluminum housing to install spot in concrete.



LINEAR 3232

design Nicola Del Lungo

Apparecchio lineare da incasso per esterni calpestabile, grado di protezione IP67. Fornita di 4 ottiche secondarie: fascio stretto, medio, largo ed ellittica. Disponibile in due misure: 50 cm e 100 cm. *Extra small walk over recessed device. This outdoor linear light IP67 protection, present special construction to keep water resistance. Narrow, medium, large and elliptical beam angle also available. Two sizes available: cm 50 and cm 100. AISI 316 stainless steel front trim. Gasket for dust and water protection.*



Code	Light temp.	lm	CRI	Optic	Finish	Power feed	Power
80345.796.U65	3000K	1770	85	16°	Gray powder coating.	24V DC	30W
80345.796.U66				24°			
80345.796.U67				35°			
80345.796.U68				18+48°			
80345.798.U65	4000K	2200	85	16°	Gray powder coating.	24V DC	30W
80345.798.U66				24°			
80345.798.U67				35°			
80345.798.U68				18+48°			

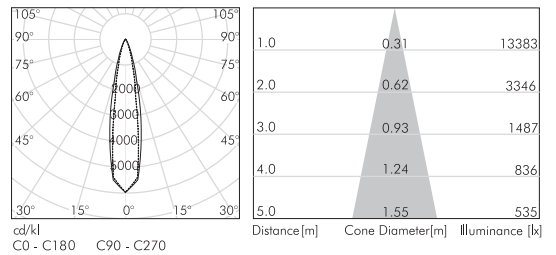
Cassaforma da ordinare separatamente
Housing to be ordered separately:



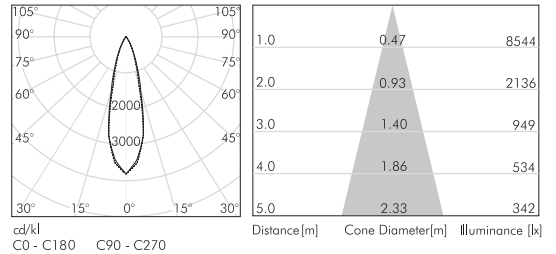
Code	Description
80345C	Cassaforma in alluminio per installazione in muratura. Aluminum housing to install spot in concrete.



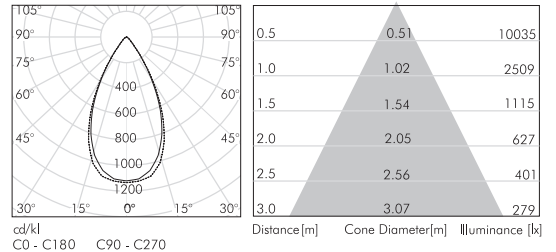
Neutral White 30W - Narrow beam 16°



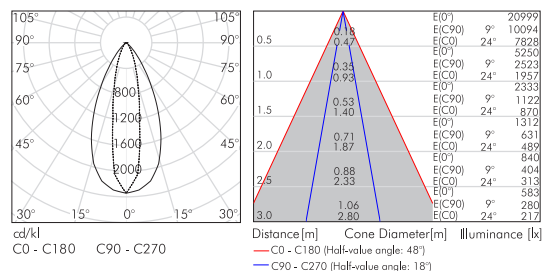
Neutral White 30W - Medium beam 24°



Neutral White 30W - Wide beam 35°



Neutral White 30W - Elliptical 18+48°



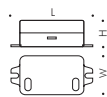
11.

APPENDICI

APPENDIX

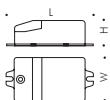
Alimentatori per LED corrente costante <i>Constant current LED drivers</i>	pag 246
Alimentatori per LED tensione costante <i>Constant voltage LED drivers</i>	pag 247
Sistemi di controllo <i>Control system</i>	pag 250
Corretto dimensionamento di un impianto con apparecchi LED <i>Correct calculation a LED light installation</i>	pag 251
Sorgenti luminose <i>Light sources</i>	pag 252
Accessori <i>Accessories</i>	pag 253
Schemi di collegamento <i>Connection schemes</i>	pag 254
Simboli <i>Symbols</i>	pag 268
Indice analitico <i>Analytic index</i>	pag270

ALIMENTATORI PER LED CORRENTE COSTANTE / CONSTANT CURRENT LED DRIVERS



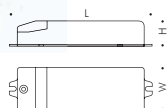
Code	Voltage range (V/Hz)	Output current (mA)	Output power (W)	Output voltage (V)	Dimension LxWxH mm	Weight (Kg)
51007	220-240 / 50-60	350	4,2	3-12	67x31x21	0,03
51008	220-240 / 50-60	500	4	3-8	67x31x21	0,03
51009	220-240 / 50-60	700	3,5	3-5	67x31x21	0,03

SELV



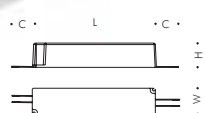
Code	Voltage range (V/Hz)	Output current (mA)	Power output (W)	Output voltage (V)	Dimension LxWxH mm	Weight (Kg)
51011	220-240 / 50-60	350	8,4	3-24	75x38x22	0,05
51012	220-240 / 50-60	500	8	3-15	75x38x22	0,05
51013	220-240 / 50-60	700	9,8	3-14	75x38x22	0,05

SELV



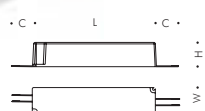
Code	Voltage range (V/Hz)	Output current (mA)	Power output (W)	Output voltage (V)	Dimension LxWxH mm	Weight (Kg)
51015	220-240 / 50-60	350	16,8	3-46	125x38x23	0,08
51016	220-240 / 50-60	500	16,8	3-33	125x38x23	0,08
51017	220-240 / 50-60	700	16,8	3-24	125x38x23	0,08

SELV



Code	Voltage range (V/Hz)	Output current (mA)	Power output (W)	Output voltage (V)	Dimension LxWxH mm	Weight (Kg)
51039	180-264 / 50-60	350	18	6-48	140x30x22xC300+20	0,17
51040	180-264 / 50-60	700	18	6-25	140x30x22xC300+20	0,17

SELV



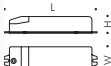
Code	Voltage range (V/Hz)	Output current (mA)	Power output (W)	Output voltage (V)	Dimension LxWxH mm	Weight (Kg)
51042	100-264 / 50-60	700	35	9 - 48	140x30x22x600+30	0,34

SELV

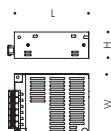
ALIMENTATORI PER LED TENSIONE COSTANTE / CONSTANT VOLTAGE LED DRIVERS



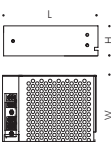
Code	Voltage range (V/Hz)	Output Voltage (V)	Power output (W)	Output current (A)	Dimension LxWxH mm	Weight (Kg)
51050	220-240 / 50-60	12	1-12	-	85x41x22	0,056
51051	220-240 / 50-60	24	1-12	-	85x41x22	0,056



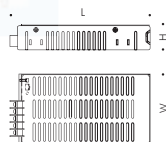
Code	Voltage range (V/Hz)	Output Voltage (V)	Power output (W)	Output current (A)	Dimension LxWxH mm	Weight (Kg)
51085	100-240 / 50-60	12	16,8	1,4	125x38x23	0,08
51086	100-240 / 50-60	24	16,8	0,7	125x38x23	0,08



Code	Voltage range (V/Hz)	Output Voltage (V)	Power output (W)	Output current (A)	Dimension LxWxH mm	Weight (Kg)
51090	88-264 / 50-60	12	35	0-3	99x82x36	0,30
51091	88-264 / 50-60	24	35	0-1,5	99x82x36	0,30



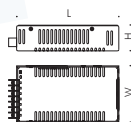
Code	Voltage range (V/Hz)	Output Voltage (V)	Power output (W)	Output current (A)	Dimension LxWxH mm	Weight (Kg)
51095	100-240 / 50-60	12	50	0-4,2	99x97x36	0,25
51096	100-240 / 50-60	24	50	0-2,2	99x97x36	0,25
51097	100-240 / 50-60	48	50	0-1,1	99x97x36	0,25



Code	Voltage range (V/Hz)	Output Voltage (V)	Power output (W)	Output current (A)	Dimension LxWxH mm	Weight (Kg)
51060	85-264 / 50-60	12	75	0-6,3	179x99x33	0,52
51061	85-264 / 50-60	24	75	0-3,2	179x99x33	0,52
51062	85-264 / 50-60	48	75	0-1,6	179x99x33	0,52

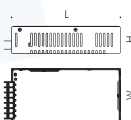


ALIMENTATORI PER LED TENSIONE COSTANTE / CONSTANT VOLTAGE LED DRIVERS



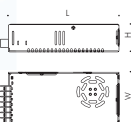
Code	Voltage range (V/Hz)	Output Voltage (V)	Power output (W)	Output current (A)	Dimension LxWxH mm	Weight (Kg)
51064	85-264 / 50-60	12	100	0-8,5	179x99x45	0,70
51065	85-264 / 50-60	24	100	0-4,2	179x99x45	0,70
51066	85-264 / 50-60	48	100	0-2,1	179x99x45	0,70

SELV



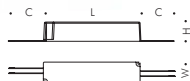
Code	Voltage range (V/Hz)	Output Voltage (V)	Power output (W)	Output current (A)	Dimension LxWxH mm	Weight (Kg)
51069	85-264 / 50-60	12	150	0-12,5	199x99x50	0,79
51070	85-264 / 50-60	24	150	0-6,3	199x99x50	0,79
51071	85-264 / 50-60	48	150	0-3,2	199x99x50	0,79

SELV



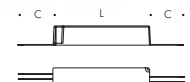
Code	Voltage range (V/Hz)	Output Voltage (V)	Power output (W)	Output current (A)	Dimension LxWxH mm	Weight (Kg)
51072	85-264 / 50-60	12	200	0-16,7	199x99x50	0,89
51073	85-264 / 50-60	24	200	0-8,4	199x99x50	0,89
51074	85-264 / 50-60	48	200	0-4,2	199x99x50	0,89

SELV Ventilazione forzata
Forced ventilation



Code	Voltage range (V/Hz)	Output Voltage (V)	Power output (W)	Output current (A)	Dimension LxWxH mm	Weight (Kg)
51043	180-264 / 50-60	12	18	0-1,5	140x30x22xC300+20	0,17
51044	180-264 / 50-60	24	18	0-0,75	140x30x22xC300+20	0,17

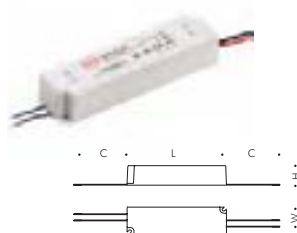
SELV



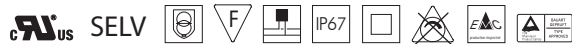
Code	Voltage range (V/Hz)	Output Voltage (V)	Power output (W)	Output current (A)	Dimension LxWxH mm	Weight (Kg)
51045	100-240 / 50-60	12	35	0-3	148x40x30x600+30	0,34
51046	100-240 / 50-60	24	35	0-0,5	148x40x30x600+30	0,34

SELV

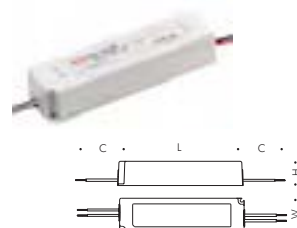
ALIMENTATORI PER LED TENSIONE COSTANTE / CONSTANT VOLTAGE LED DRIVERS



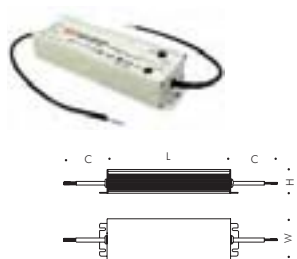
Code	Voltage range (V/Hz)	Output Voltage (V)	Power output (W)	Output current (A)	Dimension LxWxH mm	Weight (Kg)
51047	100-240 / 50-60	12	60	0,5	168x42x32xC600+30	0,4
51048	100-240 / 50-60	24	60	0,2,5	168x42x32xC600+30	0,4



Code	Voltage range (V/Hz)	Output Voltage (V)	Power output (W)	Output current (A)	Dimension LxWxH mm	Weight (Kg)
51081	90-305 / 50-60	48	90	1,88	161x36x61xC300+20	0,70



Code	Voltage range (V/Hz)	Output Voltage (V)	Power output (W)	Output current (A)	Dimension LxWxH mm	Weight (Kg)
51056	100-264 / 50-60	12	100	0,8,5	190x52x37xC600+30	0,63
51057	100-264 / 50-60	24	100	0,4,2	190x52x37xC600+30	0,63



Code	Voltage range (V/Hz)	Output Voltage (V)	Power output (W)	Output current (A)	Dimension LxWxH mm	Weight (Kg)
51077	100-264 / 50-60	12	150	0,9,5	222,2x68x38,8xC300+30	1,0
51078	100-264 / 50-60	24	150	0,6,3	222,2x68x38,8xC300+30	1,0



SPECIFICHE DEI SISTEMI DI CONTROLLO / CONTROL SYSTEMS SPECIFICATIONS

Monochromatic dimmer for led devices	Code	Input voltage (V DC)	Power output (W)	Parallel circuit Master/slave	Dimensions (mm)	Remote control	Max distance (m)	Remote control dimensions (mm)	Scheme diagram
	51300	12 24 48	150 300 600	MAX 20	52x60x90	no	-	-	n. 4-5-6-7 da pag. 255 a pag.257
	51301	12 24 48	150 300 600	MAX 20	52x60x90	yes	15	65x49x44	n. 4-5-6-7 da pag. 255 a pag.257   
RGB control system: 11 push buttons	Code	Dimensions (mm)	Input voltage (V DC)	PWM out channels	Max devices	Remote control	Max distance (m)	Remote control dimensions (mm)	Scheme diagram
	51350	65x44x49	24	4	50	no	-	-	n. 8-9-10-11 da pag. 258 a pag. 260
	51349	65x44x49	24	4	50	yes	15	96x47x25	n. 8-9-10-11 da pag. 258 a pag. 260   
Installation: Elbag mod.S503B									
DMX controller: SD card, 3 push buttons, 1 display	Code	Dimensions (mm)	Power supply (V DC-A)	DMX out channels	Zones Scenes			Scheme diagram	
	51360	100x80x40	9-0,65 (supplied)	1024 (2 universes)	5 zones 99 each zone			n. 12-13-14-15-16-17-18 da pag. 261 a pag. 267   	
DMX controller: SD card, 23 buttons, graphic interface	Code	Dimensions (mm)	Power supply (V DC-A)	DMX out channels	Zones Scenes	Advanced networking	Remote control dimensions (mm)	Scheme diagram	
	51365	168x128x12	9-0,65 (supplied)	1024 (2 universes)	5x5 zones 99 each zone	-	-	n. 12-13-14-15-16-17-18 da pag. 261 a pag. 267	
	51366	168x128x12	9-0,65 (supplied)	1024 (2 universes)	5x5 zones 99 each zone	yes	57x124x7	n. 12-13-14-15-16-17-18 da pag. 261 a pag. 267   	
Advanced networking: WiFi smartphone control									
Constant voltage led driver RGB	Code	Dimensions (mm)	Input voltage (V DC)	Max load 12/24V DC (W)	PWM out channels			Scheme diagram	
	51355	90x52x60	12/24	100/200	4			n. 10-11-12-13-18 da pag. 259 a pag. 262, pag.267   	
DMX Interface dip-switch addressable	Code	Dimensions (mm)	Input voltage (V DC)	Max load 12/24V DC	PWM out channels	DMX in channels	DMX out channels	Max devices	Scheme diagram
	51358	90x106x60	24	100/200W	4	3	3	50	n. 12-13-14-15-16-17-18 da pag. 261 a pag. 267   

CORRETTO DIMENSIONAMENTO DI UN IMPIANTO CON APPARECCHI DI ILLUMINAZIONE LED CORRECT CALCULATION OF A LED LIGHT INSTALLATION

CALCOLO DELLE POTENZE DEGLI ALIMENTATORI LED

Per dimensionare un impianto con gli apparecchi di illuminazione a led bisogna considerare due fattori principali:

- l'alimentatore (necessario per alimentare le schede degli apparecchi a led)
- Il cavo (necessario per collegare l'alimentatore con gli apparecchi)

Per dimensionare correttamente l'alimentatore necessario in un impianto, è sufficiente sommare il valore di potenza (Watt) indicato sul catalogo di ogni apparecchio con l'avvertenza di utilizzare un alimentatore con una potenza superiore del 15/20%.

Per evitare inutili perdite di potenza si consiglia di installare l'alimentatore il più vicino possibile alla sorgente luminosa.

POWER CALCULATION FOR Led driver

For a correct calculation of a LED light installation it requires the attention of two essential factors:

- The LED driver (necessary for the power supply for the circuit boards of the led fixtures)
- The cable (necessary for the connection of the transformers to the LED fixtures)

The power consumption of every LED light System is listed in the catalogue. To calculate correctly the necessary led driver for the light installation, it is sufficient to add up these power consumptions (W) plus a tolerance of 15/20% and decide for the corresponding led drivers

To avoid unnecessary power losses are consiglia to install the power supply as close as possible to the light source.

DISTANZA TRA ALIMENTATORE E APPARECCHI LED

La distanza massima (consentita) tra un alimentatore ed una serie di apparecchi LED varia a seconda della sezione del cavo utilizzato.

Rispettare in ogni caso lo schema e attenersi alle indicazioni riportate in tabella.

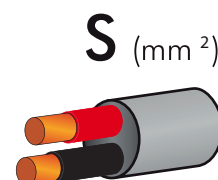
DISTANCE BETWEEN DRIVER AND LED FIXTURES

The maximum distance between a driver and a group of LED fixtures vary according to the cable section to use.

In any case, please check the diagram and stick to the instructions written in the table

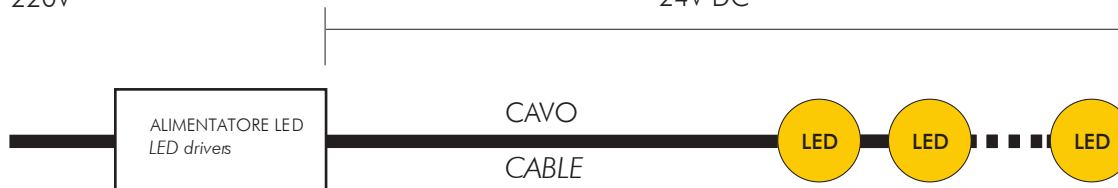
VOLTAGE 24V DC:

		Lunghezza cavi + track (m) / Cable length + track (m) Lunghezza calcolata per perdite di flusso luminoso non superiore al 10% / Needed lenght for loss of luminous flux of up to 10%					
		2,5	5	10	15	20	25
Led driver (Watt)	20	0,75	0,75	0,75	0,75	0,75	1,00
	35	0,75	0,75	0,75	1,00	1,50	2,50
	50	0,75	0,75	1,00	1,50	2,50	2,50
	60	0,75	0,75	1,50	2,50	2,50	4,00
	75	0,75	0,75	1,50	2,50	4,00	4,00
	90	0,75	1,00	2,50	2,50	4,00	4,00
	105	0,75	1,00	2,50	4,00	4,00	6,00
	120	0,75	1,50	2,50	4,00	6,00	6,00
	150	0,75	1,50	4,00	4,00	6,00	10,00
	210	1,00	2,50	4,00	6,00	10,00	10,00




220V

24V DC



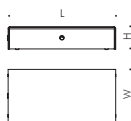
SORGENTI LUMINOSE / LIGHT SOURCE

LAMPADE FLUORESCENTI / FLUORESCENT LAMPS

Symbol	Code	Note	Voltage (V)	Watt (W)	Socket	Colour Temp. (K)	Luminous flux (lm)	Cd	Diameter (mm)	Length (mm)
 Linear	10506	T5	-	39	G5	3000	3100	-	16	849

Le caratteristiche delle sorgenti luminose potranno variare per adeguarsi alla nuova direttiva Europea in materia di efficienza luminosa.
Light sources' characteristics may change in compliance with the new European directive on Energy efficiency.

ACCESSORI / ACCESSORIES



Code	Colour	Dimension LxWxH mm	Weight (Kg)
51001	White	311,5x152x66	0,30
51002	Silver	311,5x152x66	0,30



Box in metallo applicazione parete per alimentatore 24V DC. Accessorio per sistema cavo e binario Magellano
 Wall mounting metal cover for 24V DC feeding units for Professional cable and Magellano track systems.

Suitable for codes

cod. **51064-51065-51066** (100W)

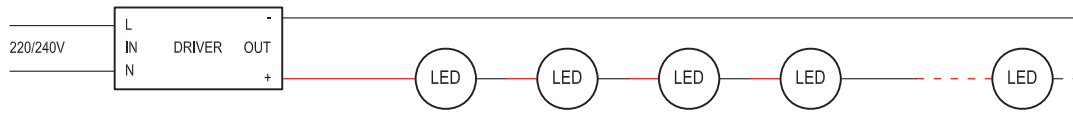
cod. **51069-51070-51071** (150W)

cod. **51072-51073-51074** (200W)



Code	Description	Dimension
80995	Connettore lineare. Linear connection box.	Cavo Ø - Cable Ø min.6,5-max.8mm Dimensioni - Dimensions 100x28mm

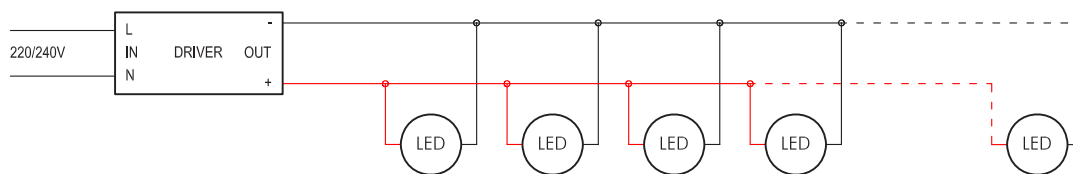
1_CIRCUITO IN SERIE / SERIES CIRCUIT



Codici per alimentatori
Drivers codes

51007
51008
51009
51011
51012
51013
51015
51016
51017
51039
51040
51042

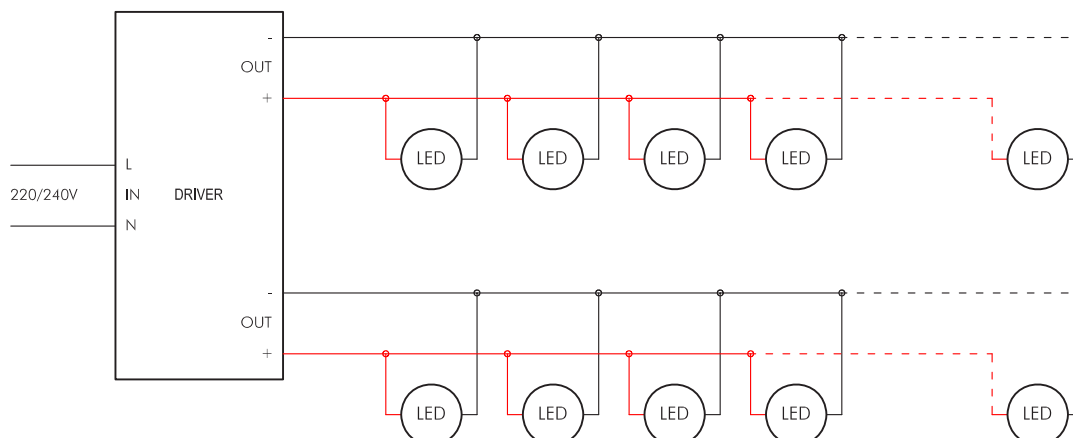
2_CIRCUITO IN PARALLELO / PARALLEL CIRCUIT



Codici per alimentatori
Drivers codes

51050	51069
51051	51070
51085	51071
51086	51072
51090	51073
51091	51074
51095	51043
51096	51044
51097	51045
51060	51046
51061	51047
51062	51048
51064	51056
51065	51057
51066	51077
	51078

3_CIRCUITO IN PARALLELO (ALIMENTATORE MULTICANALE) / PARALLEL CIRCUIT (MULTICHANNEL DRIVER)

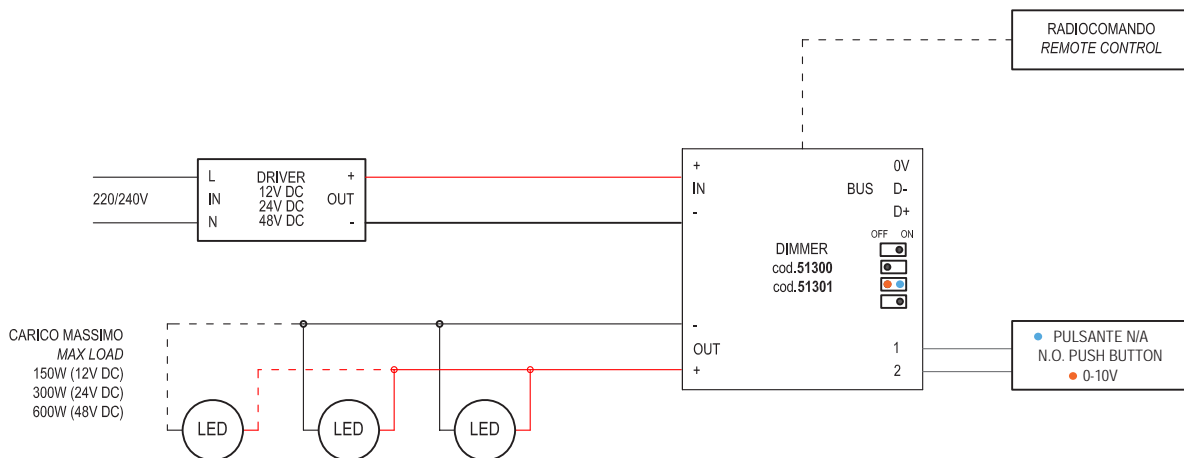


Codici per alimentatori
Drivers codes

51064
51065
51066
51069
51070
51071
51072
51073
51074

4_DIMMER: SEGNALE DIRETTO / DIMMER: DIRECT SIGNAL

Pulsante n.a. - radiocomando - 0-10V / Normally open push button and remote control - 0-10V



CARICO MASSIMO
MAX LOAD
150W (12V DC)
300W (24V DC)
600W (48V DC)

Codici per alimentatori 12V DC
12V DC Drivers codes

- 51050
- 51085
- 51090
- 51095
- 51060
- 51064
- 51069
- 51072
- 51043
- 51045
- 51047
- 51056
- 51077

Codici per alimentatori 24V DC
24V DC Drivers codes

- 51051
- 51086
- 51091
- 51096
- 51061
- 51065
- 51070
- 51073
- 51044
- 51046
- 51048
- 51047
- 51078

Codici per alimentatori 48V DC
48V DC Drivers codes

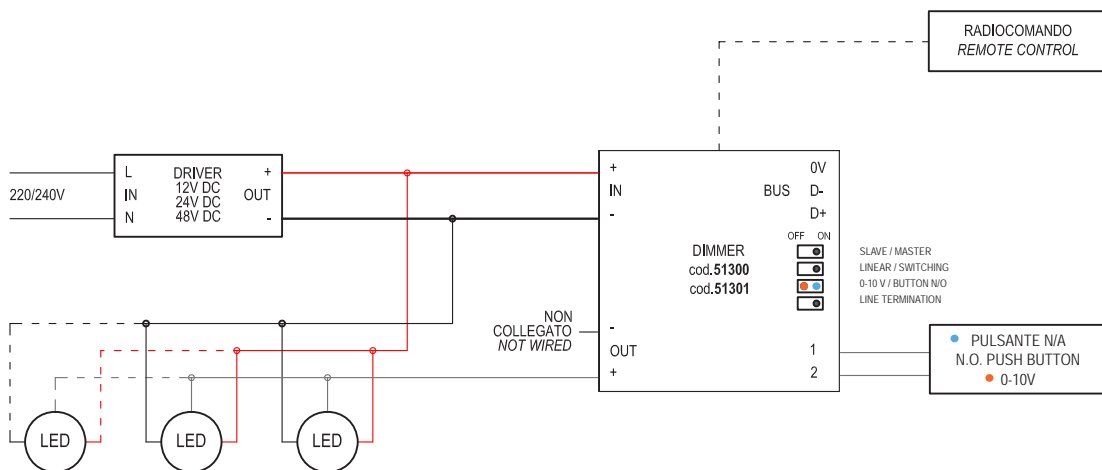
- 51097
- 51062
- 51066
- 51071
- 51074

Sistemi di controllo: Dimmer
Control system: Dimmer

- 51300
- 51301

5_DIMMER: SEGNALE PWM SEPARATO / DIMMER: SEPARATE PWM SIGNAL

Pulsante n.a. - radiocomando - 0-10V / Normally open push button and remote control - 0-10V



Codici per alimentatori 12V DC
12V DC Drivers codes

- 51050
- 51085
- 51090
- 51095
- 51060
- 51064
- 51069
- 51072
- 51043
- 51045
- 51047
- 51056
- 51077

Codici per alimentatori 24V DC
24V DC Drivers codes

- 51051
- 51086
- 51091
- 51096
- 51061
- 51065
- 51070
- 51073
- 51044
- 51046
- 51048
- 51047
- 51078

Codici per alimentatori 48V DC
48V DC Drivers codes

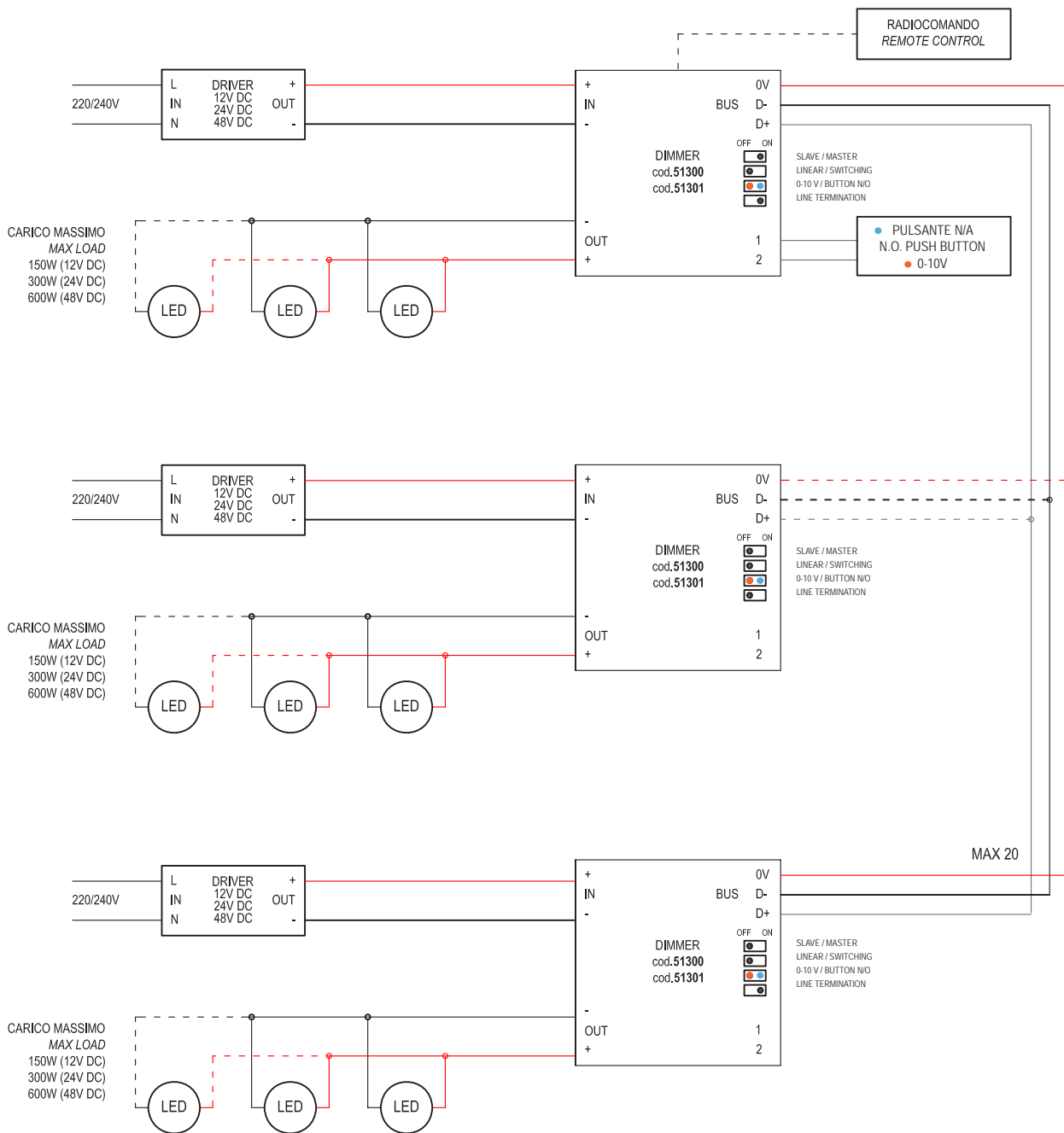
- 51097
- 51062
- 51066
- 51071
- 51074

Sistemi di controllo: Dimmer
Control system: Dimmer

- 51300
- 51301

6_COLLEGAMENTO IN PARALLELO DI PIU' DIMMER: SEGNALE DIRETTO 6_PARALLEL CIRCUIT DIMMERS CONNECTION: DIRECT SIGNAL

Pulsante n.a. - radiocomando - 0-10V / Normally open push button and remote control - 0-10V



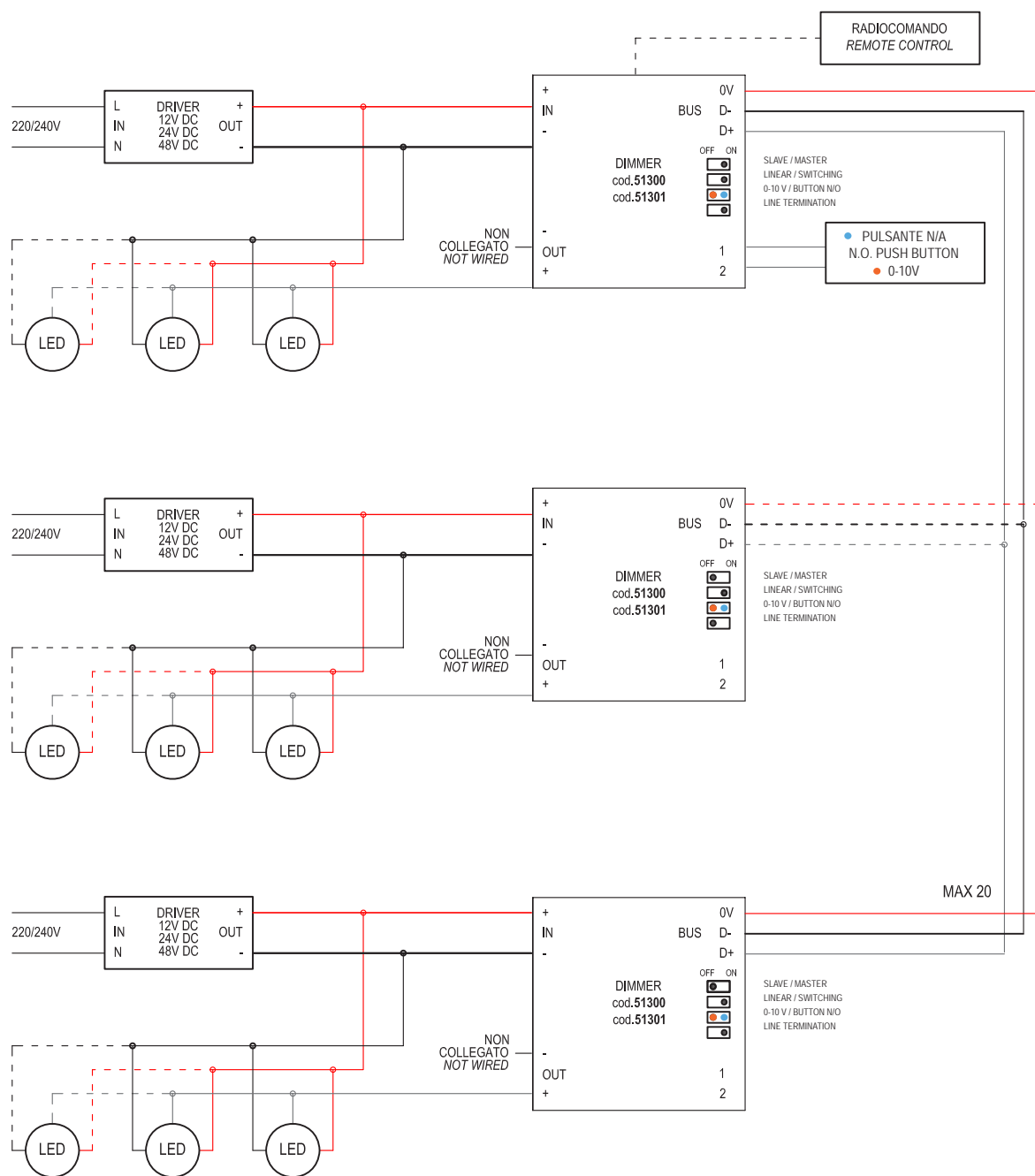
Cablare il BUS utilizzando la tipologia "entra-esci" (vedi diagramma), utilizzando il comune cavo Cat.5-UTP. La lunghezza del BUS non potrà superare i 600m.
Wire communications BUS using the in-out type (as show in the diagram), using the common UTP Cat.5 cable.
The lenght of the BUS may not exceed 600m.

- Codici per alimentatori 12V DC
12V DC Drivers codes
- 51050
 - 51085
 - 51090
 - 51095
 - 51060
 - 51064
 - 51069
 - 51072
 - 51043
 - 51045
 - 51047
 - 51056
 - 51077

- Codici per alimentatori 48V DC
48V DC Drivers codes
- 51097
 - 51062
 - 51066
 - 51071
 - 51074

7_COLLEGAMENTO IN PARALLELO DI PIU' DIMMER: SEGNALE PWM SEPARATO 7_PARALLEL CIRCUIT DIMMERS CONNECTION: SEPARATE PWM SIGNAL

Pulsante n.a. - radiocomando - 0-10V / Normally open push button and remote control - 0-10V



Cablare il BUS utilizzando la tipologia "entra-esci" (vedi diagramma), utilizzando il comune cavo Cat.5-UTP. La lunghezza del BUS non potrà superare i 600m.

Wire communications BUS using the in-out type (as show in the diagram), using the common UTP Cat.5 cable.

The lenght of the BUS may not exceed 600m.

Codici per alimentatori 12V DC
12V DC Drivers codes

51050
51085
51090
51095
51060
51064
51069
51072
51043
51045
51047
51056
51077

Codici per alimentatori 24V DC
24V DC Drivers codes

51051
51086
51091
51096
51061
51065
51070
51073
51044
51046
51048
51047
51078

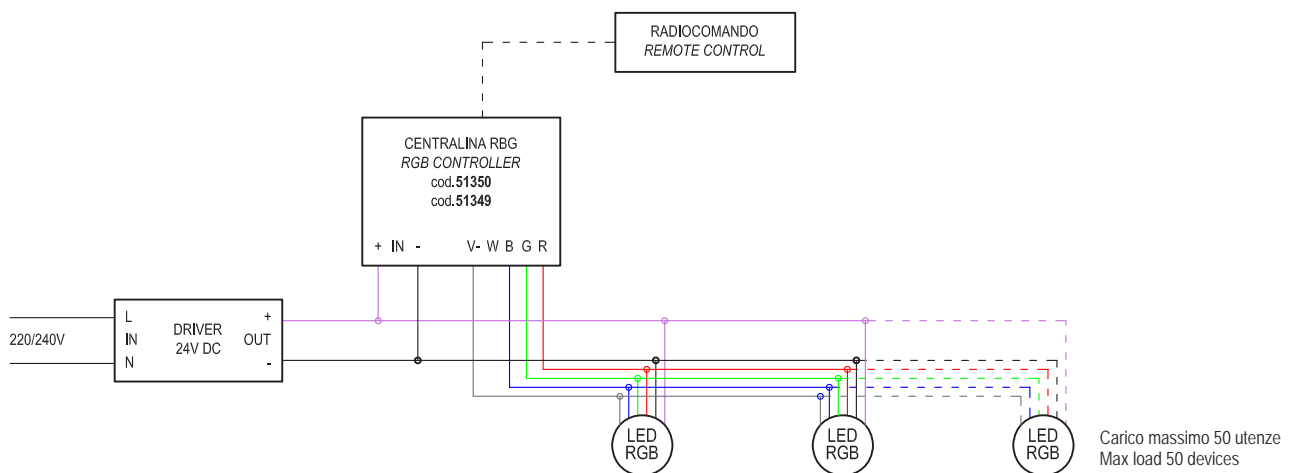
Codici per alimentatori 48V DC
48V DC Drivers codes

51097
51062
51066
51071
51074

Sistemi di controllo: Dimmer
Control system: Dimmer

51300
51301

8_COLLEGAMENTO DI DISPOSITIVI RGB / RGB DEVICES CONNECTION



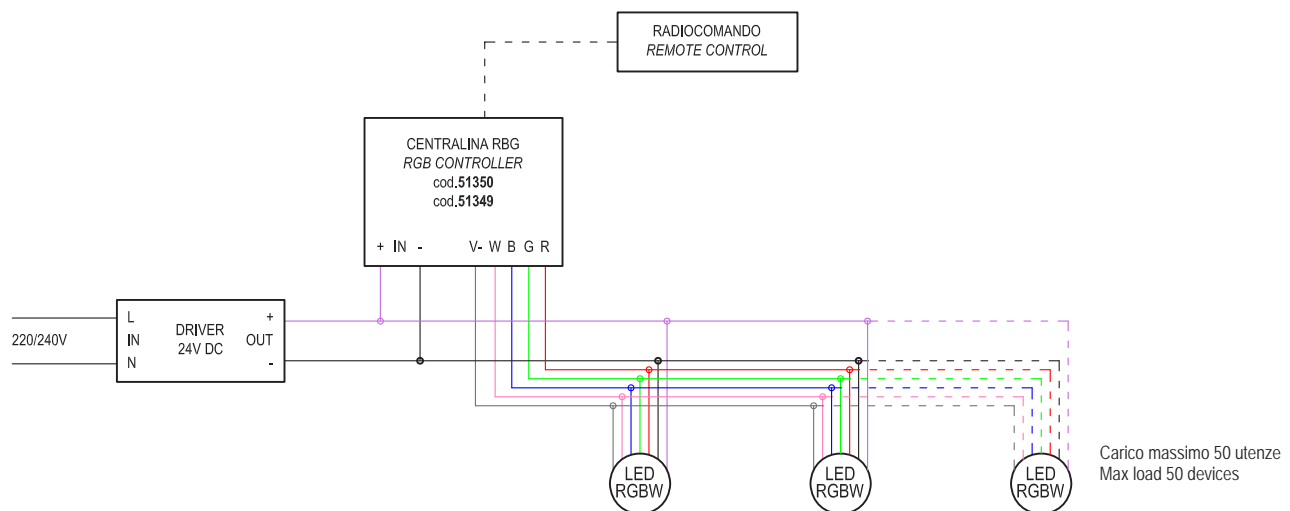
Codici per alimentatori 24V DC
24V DC Drivers codes

51051
51086
51091
51096
51061
51065
51070
51073
51044
51046
51048
51047
51078

Sistemi di controllo: RGB
Contol system: RGB

51349
51350

9_COLLEGAMENTO DI DISPOSITIVI RGBW / RGBW DEVICES CONNECTION



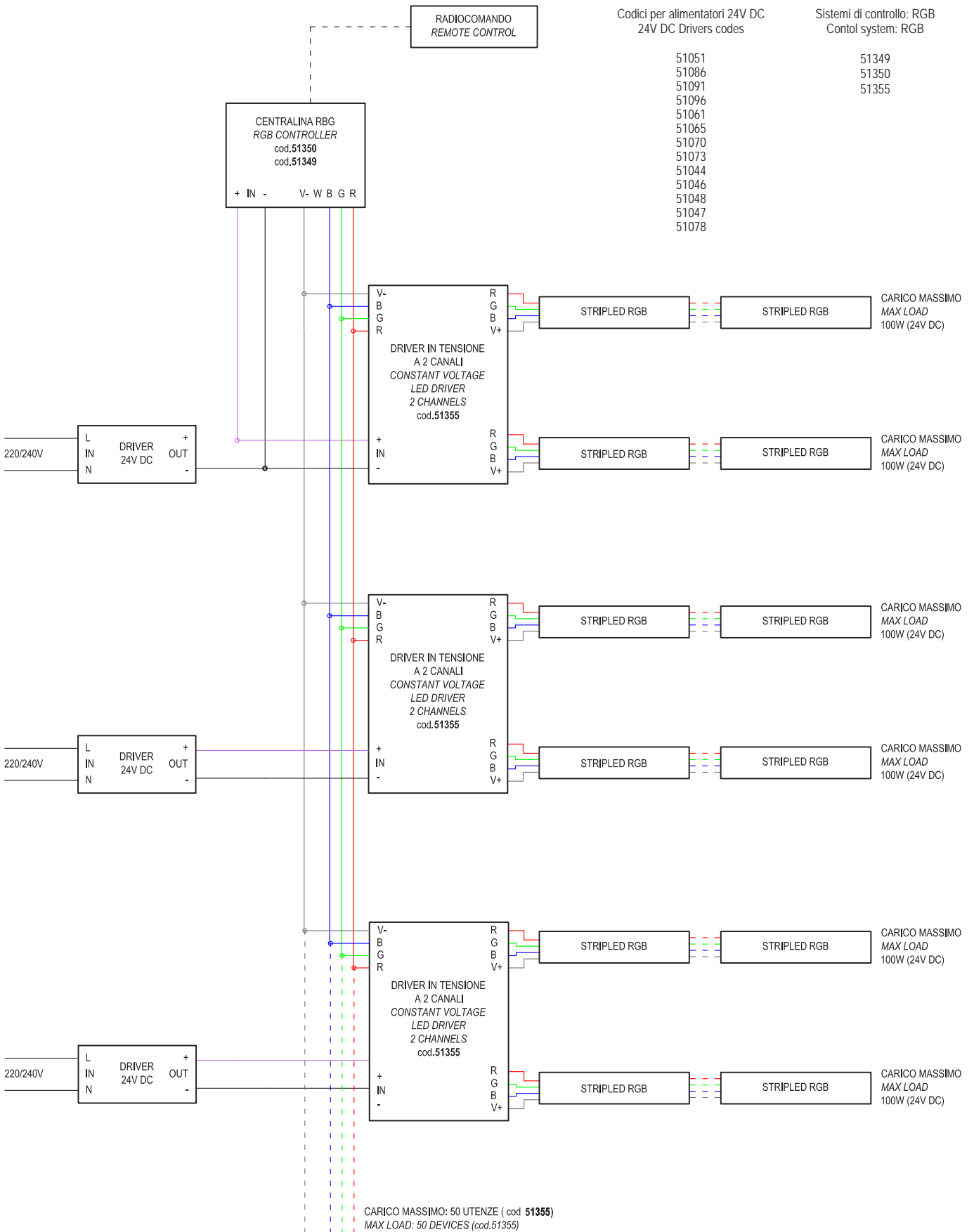
Codici per alimentatori 24V DC
24V DC Drivers codes

51051
51086
51091
51096
51061
51065
51070
51073
51044
51046
51048
51047
51078

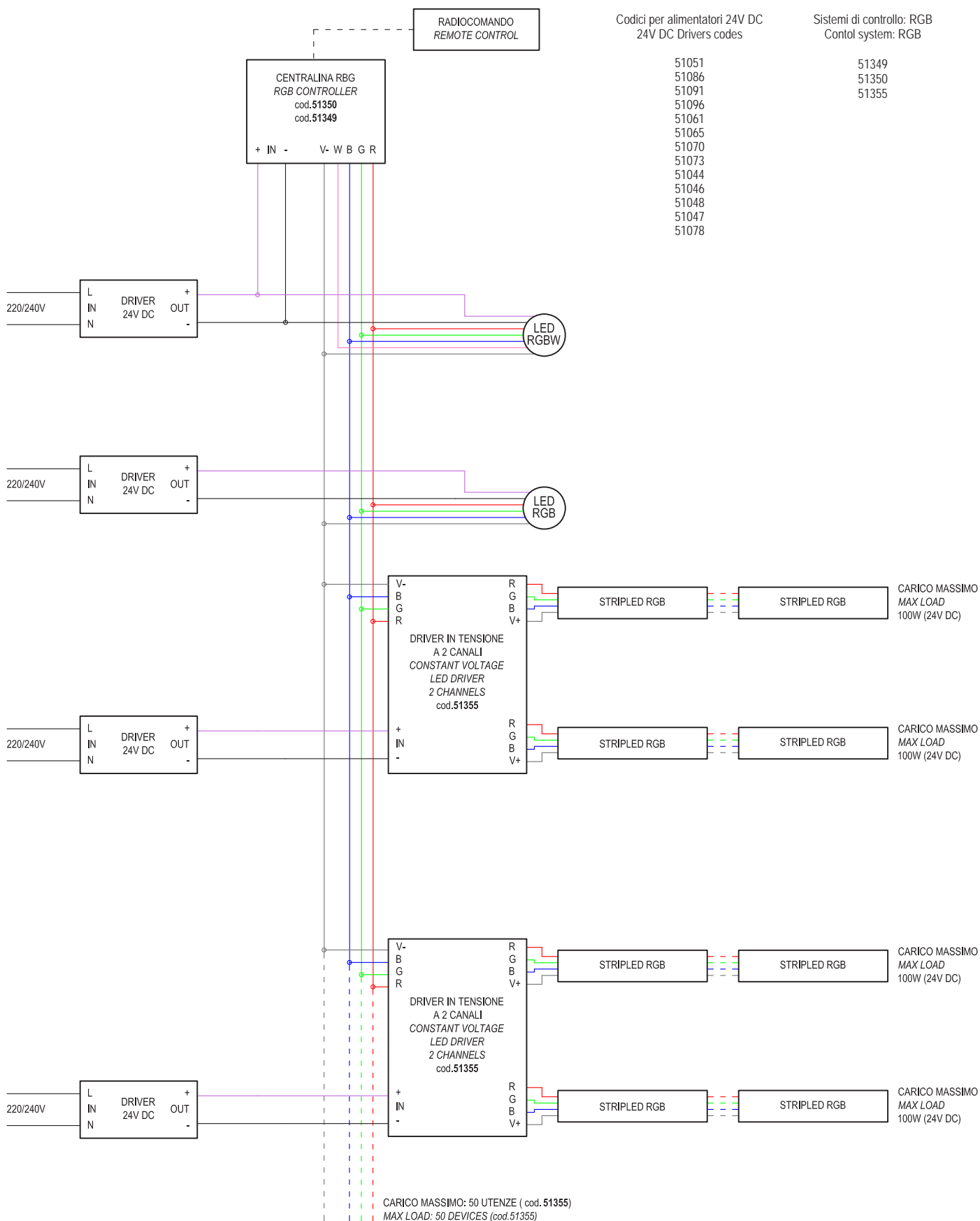
Sistemi di controllo: RGB
Contol system: RGB

51349
51350

10_COLLEGAMENTO DI DRIVER IN TENSIONE E STRIPLED RGB 10_CONSTANT VOLTAGE LED DRIVER AND RGB STRIPLED CONNECTION

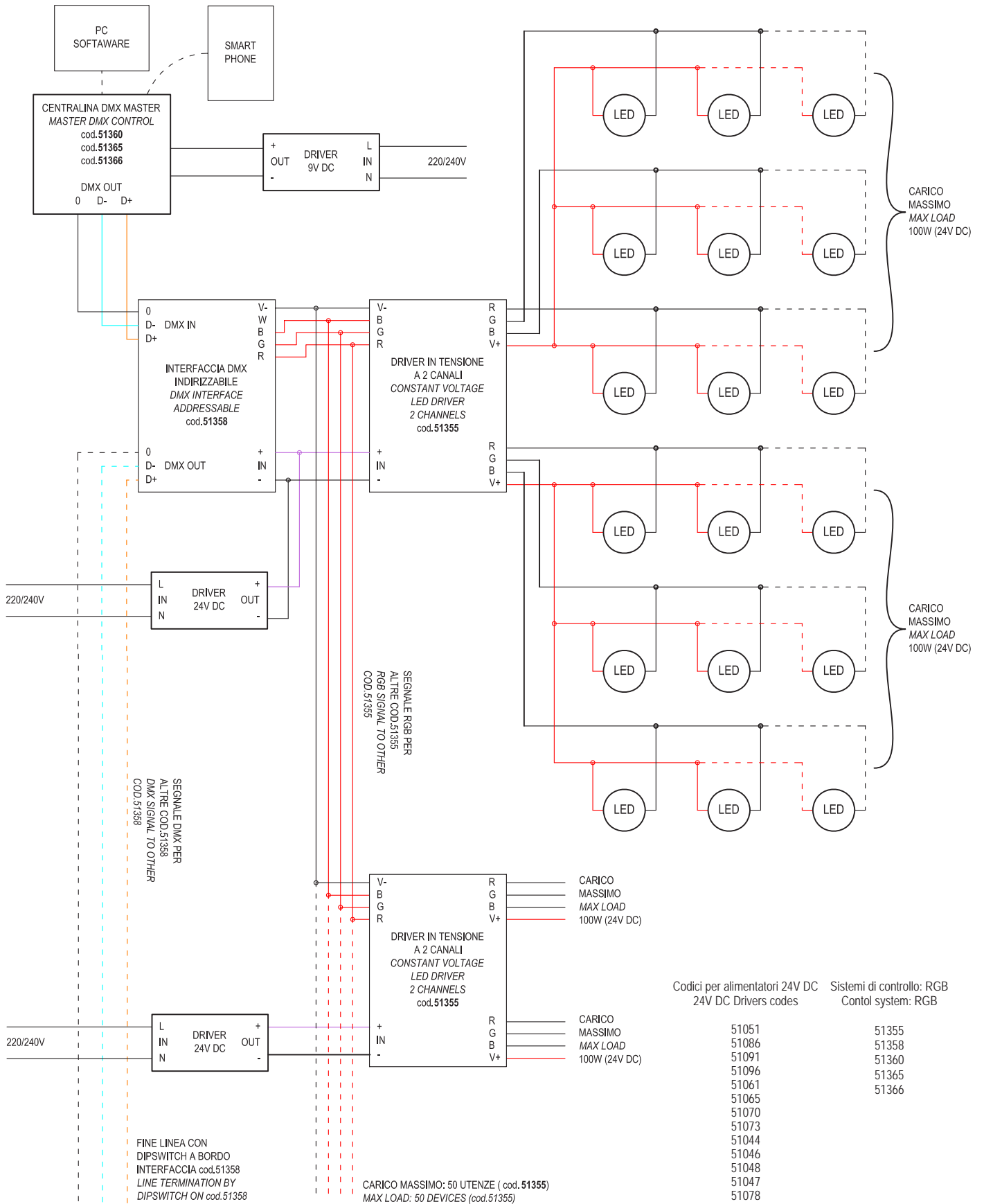


11_COLLEGAMENTO DISPOSITIVI RGB, RGBW, DRIVER IN TENSIONE E STRIPLED RGB 11_CONSTANT VOLTAGE LED DRIVER, RGB STRIPLED, RGB AND RGBW DEVICES CONNECTION



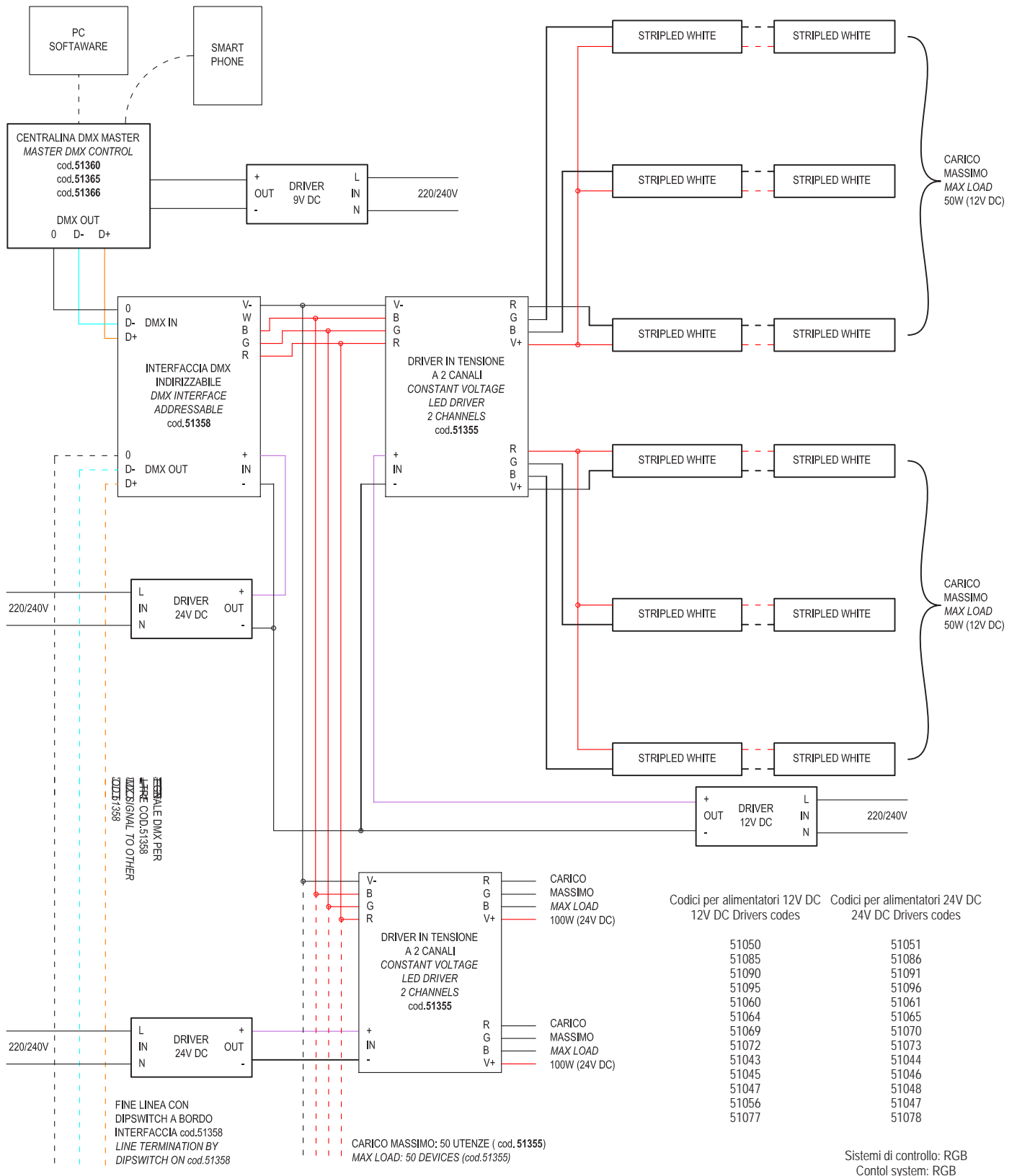
12_DM512: COLLEGAMENTO DI DISPOSITIVI CON SEGNALE DIRETTO 24V DC

12_DM512: 24V DC DIRECT SIGNAL DEVICES CONNECTION



13_DM512: COLLEGAMENTO DI STRIPLED BIANCHE 12V DC

13_DM512: 12V DC WHITE LIGHT STRIPLED CONNECTION



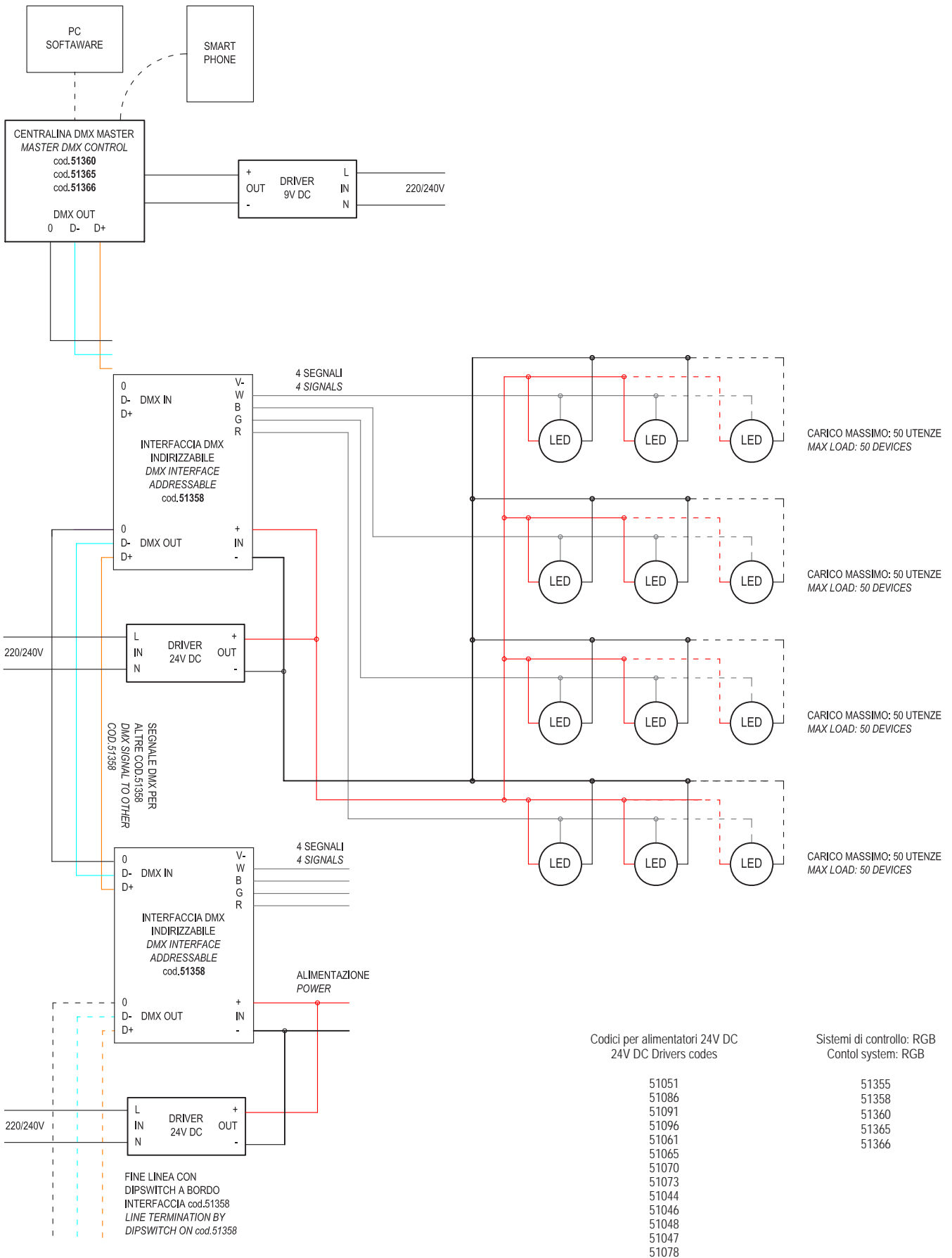
Codici per alimentatori 12V DC 12V DC Drivers codes	Codici per alimentatori 24V DC 24V DC Drivers codes
51050	51051
51085	51086
51090	51091
51095	51096
51060	51061
51064	51065
51069	51070
51072	51073
51043	51044
51045	51046
51047	51048
51056	51047
51077	51078

Sistemi di controllo: RGB
 Control system: RGB

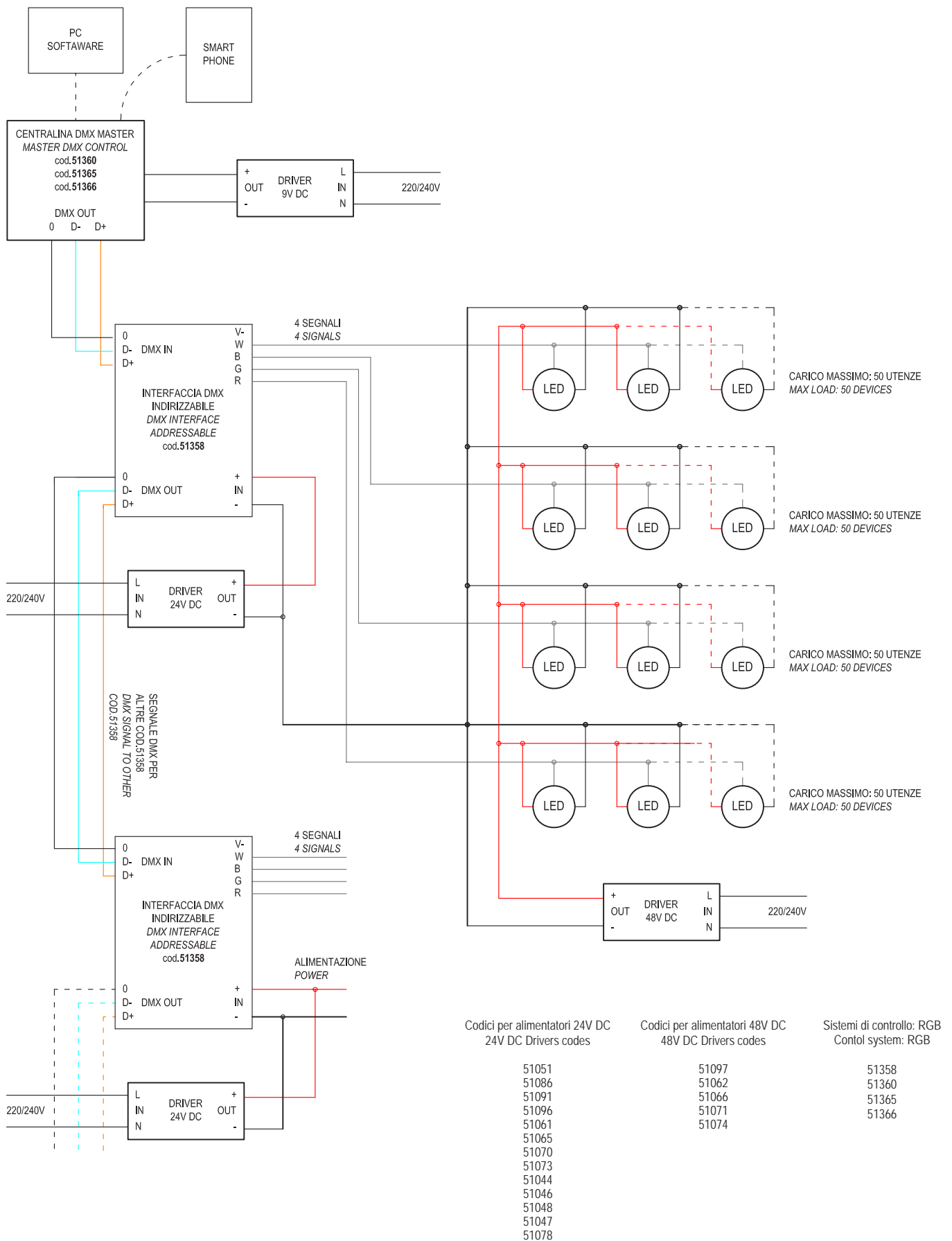
- 51355
- 51358
- 51360
- 51365
- 51366

14_DM512: COLLEGAMENTO DI DISPOSITIVI CON SEGNALE SEPARATO 24V DC

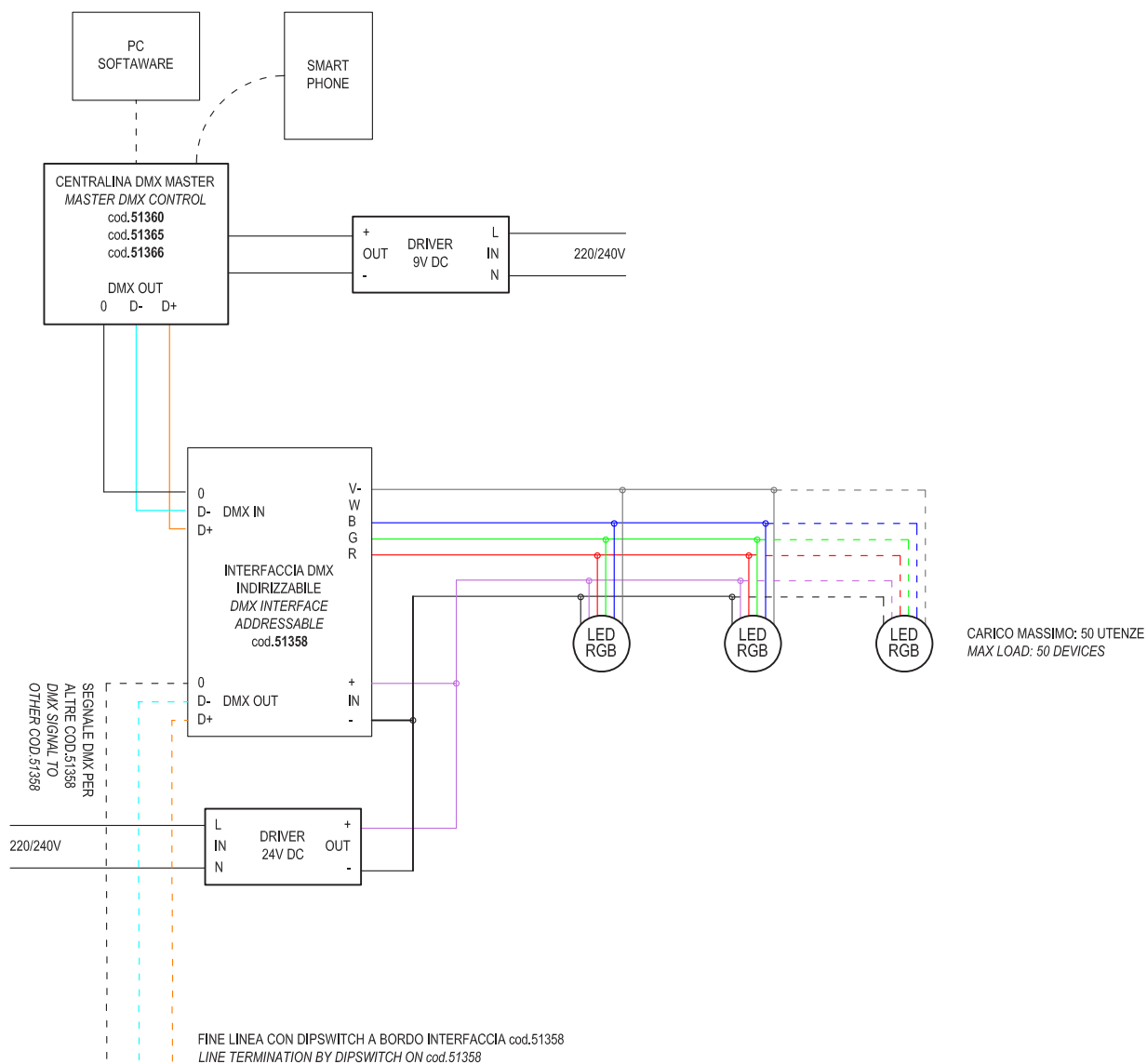
14_DM512: 24V DC SEPARATE SIGNAL DEVICES CONNECTION



15_DM512: COLLEGAMENTO DI DISPOSITIVI CON SEGNALE SEPARATO A 48V DC 15_DM512: 48V DC SEPARATE SIGNAL DEVICES CONNECTION



16_DM512: COLLEGAMENTO DI DISPOSITIVI RGB / DMX512: RGB DEVICES CONNECTION



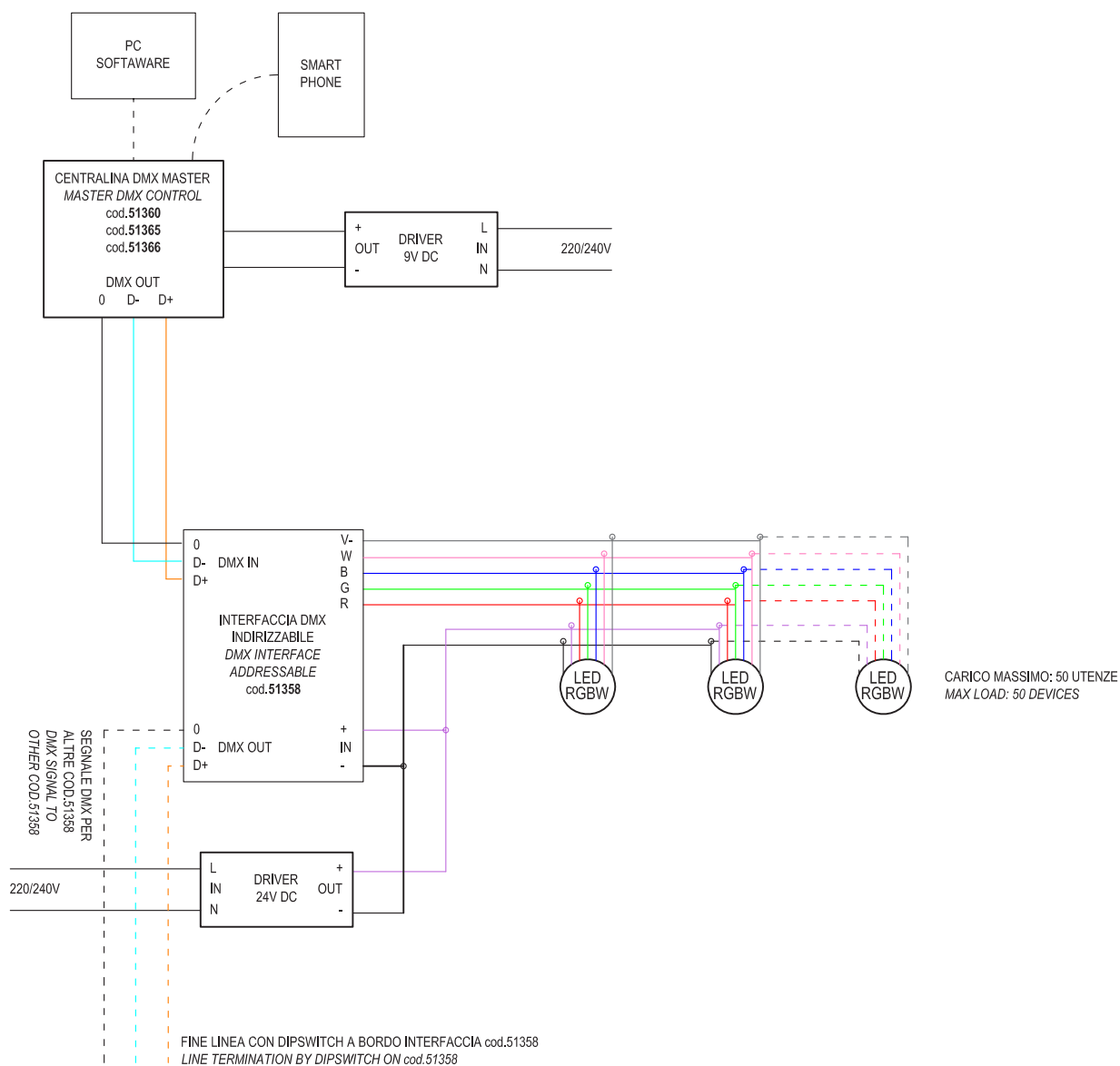
Codici per alimentatori 24V DC
24V DC Drivers codes

- 51051
- 51086
- 51091
- 51096
- 51061
- 51065
- 51070
- 51073
- 51044
- 51046
- 51048
- 51047
- 51078

Sistemi di controllo: RGB
Contol system: RGB

- 51358
- 51360
- 51365
- 51366

17_DM512: COLLEGAMENTO DI DISPOSITIVI RGBW / DMX512: RGB DEVICES CONNECTION



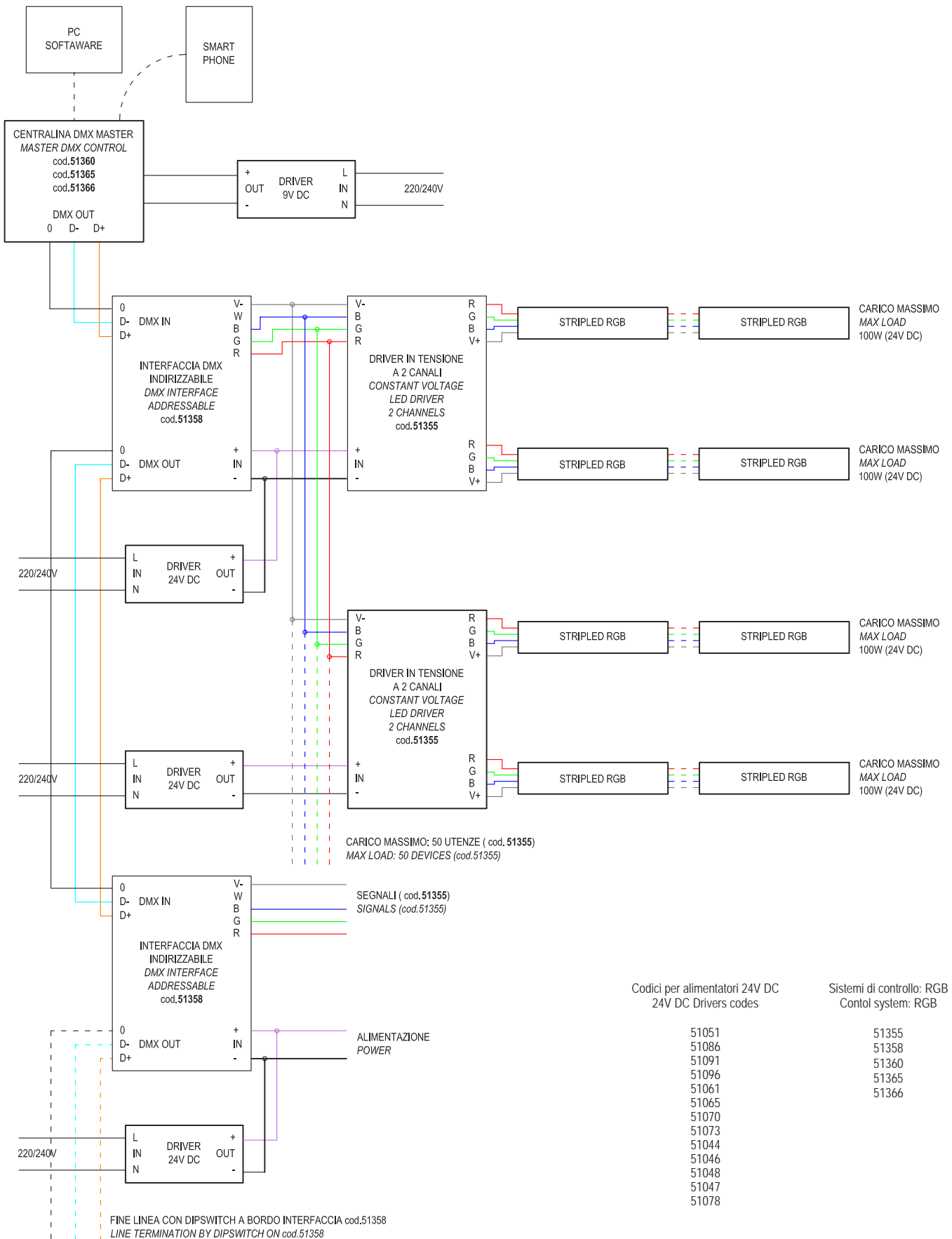
Codici per alimentatori 24V DC
24V DC Drivers codes

Sistemi di controllo: RGB
Control system: RGB

- 51051
- 51086
- 51091
- 51096
- 51061
- 51065
- 51070
- 51073
- 51044
- 51046
- 51048
- 51047
- 51078















































- 51358
- 51360
- 51365
- 51366

18_DM512: COLLEGAMENTO DI STRIPLED RGB / DMX512: RGB STRIPLED CONNECTION







SIMBOLI / SYMBOLS

CONFORMITÀ E SIMBOLOGIE / CONFORMITY AND SYMBOLOGIES

	Apparecchio da installare solo in interni. <i>Luminaire only for indoor installation.</i>		Circuito in serie. <i>Series circuit.</i>
	Apparecchio che può essere installato in esterni. <i>Luminaire for outdoor installation.</i>		Circuito in parallelo. <i>Parallel circuit.</i>
	Protezione contro l'ingresso di corpi solidi con diametro superiore a 50mm. <i>Protected from solid bodies with dimension greater than 50 mm.</i>		Tagliabile. <i>Cutable.</i>
	Protezione contro l'ingresso di corpi solidi con diametro superiore a 12,5 mm. <i>Protected from solid bodies with dimension greater than 12,5 mm.</i>		Distanza minima in metri. LAMPADA - OGGETTO <i>Minimum distance. LAMP - OBJECT</i>
	Protezione contro l'ingresso di corpi solidi con diametro superiore a 2,5 mm. <i>Protected from solid bodies with dimension greater than 2,5 mm.</i>		Apparecchio adatto al montaggio diretto su superfici normalmente infiammabili, es. legno (60598-1 vecchia ed.) <i>Suitable for installation on normally inflammable surfaces.</i>
	Protezione contro l'ingresso di corpi solidi con diametro superiore a 1 mm. <i>Protected from solid bodies with dimension greater than 1 mm.</i>		Peso netto del prodotto kg. <i>Product weight (kg).</i>
	Protezione contro la polvere. <i>Dust Protected.</i>		Kit di montaggio. <i>Installation Kit.</i>
	Protezione totale contro l'ingresso di polvere. <i>Totally protected against dust.</i>		Prodotto funzionante con controllo RGB. <i>RGB controlled product.</i>
	Protezione contro cadute verticali di gocce d'acqua. <i>Protected against vertical water drops.</i>		Idoneo per essere installato su superfici infiammabili. DIN VDE 0710-T14. <i>Suitable for installation on flammable surfaces. DIN VDE 0710-T14.</i>
	Protezione contro pioggia con caduta inclinazione massima 15° sull'asse. <i>Protected against falling water maximum 15° to the vertical.</i>		Equipaggiato con protezione termica. Max. temp. nominale dell'involucro espresso in °C. <i>Equipped with thermal protection. Max nominal temp. of the casing in °C.</i>
	Protezione contro la pioggia. <i>Protected against rain.</i>		Alimentatore di sicurezza resistente al cortocircuito (protezione incorporata). <i>Short-circuit-proof safety converter or safety transformer.</i>
	Protezione contro gli spruzzi d'acqua. <i>Protected against water sprays.</i>		Correttore del Fattore di Potenza: serve a stabilizzare i parametri di lampada (tensione e corrente) al variare della tensione di alimentazione. <i>Po wer Factor Corrector: this is for stabilizing the lamp parameters (voltage and current) when mains voltage varies.</i>
	Protezione contro i getti d'acqua. <i>Protected against water jets.</i>		Componente idoneo al montaggio indipendente. <i>Mark for independent gear.</i>
	Protezione contro potenti getti d'acqua. <i>Protected against strong water jets.</i>		Conforme alla Direttiva Europea 2008/35/CE - RoHS. <i>Compliant to Europe 2008/35/CE - RoHS.</i>
	Protezione dalla temporanea immersione. <i>Protected against a temporary immersion.</i>		Bassissima tensione di sicurezza conforme EN 61347-2-2. <i>Very low safety voltage compliant EN 61347-2-2.</i>
	Protezione dalla immersione continua e permanente. <i>Protected against permanent immersion.</i>		Bassissima tensione di sicurezza conforme EN 61347-2-2. <i>Very low safety voltage compliant EN 61347-2-2.</i>
	Foro rettangolare richiesto per incasso. <i>Rectangular opening for recessing.</i>		Marchio Unificato Europeo. Marchio di conformità olandese. <i>Unified European Trade mark. Dutch conformity seal.</i>
	Foro circolare richiesto per incasso. <i>Round opening for recessing.</i>		Marchio Unificato Europeo. Marchio di conformità danese. <i>Unified European trade mark. Denmark conformity seal.</i>
	Orientabilità del prodotto (espresso in gradi). <i>Adjustable product (degrees).</i>		Marchio per componenti riconosciuti per il Canada e gli Stati Uniti. <i>Marks for recognized components in Canada and the United States.</i>
	Prodotto calpestabile. <i>Walkable product.</i>		Marchio GS TUV - Conforme EN60950-1. <i>Marchio TUV brand - EN60950-1 approved.</i>
	Prodotto dimmerabile. <i>Dimmable product.</i>		Rispetto standard normativo: compatibilità elettromagnetica. <i>Electromagnetic compatibility.</i>
	Prodotto non dimmerabile. <i>Non-dimmable product.</i>		
	Contatto di terra - Classe I. <i>Earth contact - Class I.</i>		
	Isolamento doppio o rinforzato, senza contatto di terra - Classe II. <i>Double reinforced insulation with no earth - Class II.</i>		
	Bassissima tensione, senza contatto di terra - Classe III. <i>Very low voltage power supply with no earth - Class III.</i>		

SIMBOLI / SYMBOLS


INSTALLAZIONE/INSTALLATION


	Tesata Cable system
	Binario Track
	Sospensione Pendant
	Appoggio Support
	Terra Floor
	Parete Wall
	Soffitto Ceiling
	Incasso a soffitto Recessed ceiling
	Incasso a parete Recessed wall
	Incasso terra Recessed floor
	Srip led Strip led


FINITURE, MATERIALI/ FINISH, MATERIALS

Cromo Chrome
Acciaio Steel
Verniciatura alluminio Silver
Spazzolato e verniciato trasparente Brush and clear painted
Alluminio spazzolato Brushed aluminium
Alluminio anodizzato Anodized aluminium
Bianco White
Nero Black
Plexiglass trasparente Transparent plexiglass
Metacrilato bianco satinato Frosted white methacrylate
Metacrilato trasparente Transparent methacrylate
Metacrilato bianco latte Milky methacrylate
Metacrilato trasparente blu Transparent blue methacrylate
Metacrilato trasparente verde Transparent green methacrylate
Metacrilato trasparente arancio Transparent orange methacrylate
Metacrilato trasparente nero Transparent black methacrylate
Policarbonato trasparente Transparent polycarbonate
Policarbonato satinato White frosted polycarbonate
Policarbonato verniciato alluminio Silver painted polycarbonate

**TUTTI I PRODOTTI A CATALOGO SONO CONFORMI ALLA MARCHIATURA CE.
ALL FIXTURES COMPLY WITH CE APPROVAL.**

 Certificazione di conformità alle direttive UE: LVD 73/23 EEC-93/68 EEC
Compliant with UE regulations: LVD 73/23 EEC-93/68 EEC.

 Potete aiutare a proteggere l'ambiente! Ricordatevi di rispettare le normative locali.
You can help protect the environment! Please respect the local regulations.

 Le unità di misura sono espresse in millimetri (mm)
Drawings' dimension unit is millimeter (mm)

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20300	Flat	101	30222	Luna acc.	44	41008	Professional acc.	79	45806	Flat	150
20301	Flat	101	30222B	Luna acc.	44	41009	Professional acc.	79	45807	Flat	151
20305	Flat	104	30222N	Luna acc.	44	41010	Professional acc.	79	45808	Flat	151
20306	Flat	104	30230	Diamond	34	41011	Professional acc.	79	45810	Flat	152
20320	Tile	109	30231	Link 26	22	41026	Professional acc.	79	45811	Flat	152
20340	Linear 30	111	30232	Link 26	22	41027	Professional acc.	79	45812	Flat	153
20345	Linear 30	112	30233	Link 14	26	41028	Professional acc.	79	45813	Flat	153
20350	Diamond	92	30234	Link 14	26	41400	Flat	72	45815	Flat	154
20371	Reflector	95	30236	Reflector	37	41405	Tile	74	45816	Flat	154
20375	Reflector	96	30245	Chameleon	42	41410	Tile	74	45817	Flat	155
20385	Linear 5555	99	30246	Chameleon	42	41420	MR16	76	45818	Flat	155
20386	Linear 5555	99	30247	Chameleon	43	41430	Hatch	71	45820	Flat	156
20410	Link 14	90	30290	Flat	39	44000	Play acc.	185	45821	Flat	156
20415	Link 14	91	30292	Flat 9	31	44001	Play acc.	185	45822	Flat	157
20505	Flat	85	30293	Flat 9	31	44010	Play acc.	185	45823	Flat	157
20506	Flat	85	30295	Flat	40	44011	Play acc.	185	45840	Tile	144
20535	Link 14	82	40000	Magellano acc.	65	44013	Play acc.	185	45841	Tile	144
30200	Luna acc.	44	40003	Magellano acc.	65	44015	Play acc.	185	47001	Diamond	141
30200B	Luna acc.	44	40006	Magellano acc.	65	44016	Play acc.	185	47020	Reflector	142
30200N	Luna acc.	44	40007	Magellano acc.	65	44017	Play acc.	185	47021	Reflector	142
30201	Luna acc.	44	40008	Magellano acc.	65	44018	Play acc.	185	47048	Reflector	143
30201B	Luna acc.	44	40009	Magellano acc.	65	44025	Play acc.	183-185	47100	Microled	165
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30204	Luna acc.	45	40011	Magellano acc.	65	44027	Plug acc.	176	47102	Microled	165
30204B	Luna acc.	45	40012	Magellano acc.	65	44030	Plug	176-182	47103	Microled	165
30204N	Luna acc.	45	40013	Magellano acc.	65	44031	Plug	176-182	47105	Microled	166
30205	Luna acc.	45	40014	Magellano acc.	65	44035	Plug	176-182	47106	Microled	166
30205B	Luna acc.	45	40016	Magellano acc.	65	44036	Plug	176-182	47107	Microled	166
30205N	Luna acc.	45	40017	Magellano acc.	65	44040	Plug	176-182	47108	Microled	166
30207	Luna acc.	45	40060	Flat	49	44041	Plug	176-182	47110	Microled	167
30207B	Luna acc.	45	40065	Flat	51	44100	Play acc.	185	47111	Microled	167
30207N	Luna acc.	45	40070	Tile	56	44105	Play acc.	185	47200	Link 14	128
30208	Luna acc.	45	40075	Tile	57	44150	Goose neck	168	47201	Link 14	129
30209	Luna acc.	45	40080	Linear 30	58	44151	Goose neck	168	47202	Link 14	130
30209B	Luna acc.	45	40085	Linear 30	59	44200	Linear 16	170	47203	Link 14	131
30209N	Luna acc.	45	40090	Linear 30	60	44205	Linear 16	173	47206	Link 14	132
30210	Luna acc.	45	40095	Linear 30	61	44210	Linear 16	173	47207	Link 14	133
30210B	Luna acc.	45	41000	Professional acc.	79	44215	Linear 16	173	47210	Link 14	134
30210N	Luna acc.	45	41001	Professional acc.	79	44220	Linear 16	86	47211	Link 14	135
30213	Luna acc.	45	41002	Professional acc.	79	44225	Linear 16 acc.	86	47212	Link 14	136
30215	Luna acc.	45	41003	Professional acc.	79	45800	Flat	146	47213	Link 14	137
30216	Luna acc.	45	41004	Professional acc.	79	45801	Flat	146	47216	Link 14	138
30218	Luna acc.	45	41005	Professional acc.	79	45802	Flat	148	47217	Link 14	139
30219	Luna acc.	45	41006	Professional acc.	79	45803	Flat	148	47220	Link 14	122

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47225	Link 14	127	51065	Driver	248	57025	Profilo B	190	85241	Microled	241
47230	Link 26	118	51066	Driver	248	57026	Profili acc.	188-190-192	85242	Microled	241
47235	Link 26	119	51069	Driver	248	57027	Profili acc.	188-190-192	85243	Microled	241
48000	Pill	162	51070	Driver	248	57030	Profilo C	192	85244	Microled	241
48001	Pill	162	51071	Driver	248	80120	Quad	212	85245	Microled	241
48002	Pill	162	51072	Driver	248	80130	Quad 9	210	85300	Microled	238
48003	Pill	162	51073	Driver	248	80135	Quad 9	210	85301	Microled	238
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