2022

OUTDOOR LIGHTING 3

AEΦC ILLUMINAZIONE

STREET
URBAN
FLOODLIGHTS
DECORATIVE
POLES

Designed for energy savings,
safety and quality

The Company

Dal 1957, AEC è azienda leader nel mercato dell'illuminazione pubblica stradale, urbana, tunnel e interni industriali. La filosofia aziendale è fondata sul concetto di "TOTAL QUALITY SYSTEM" e prevede la concentrazione di tutte le fasi progettuali e produttive nella sede italiana in Toscana: dalla progettazione e industrializzazione del prodotto fino alla sua distribuzione. Il concetto di qualità totale sposa, senza eccezioni, quelli di funzionalità, esclusività e cura del dettaglio tipici del Made in Italy.

Since 1957, AEC is company leader in the market of outdoor street, urban, tunnel and indoor industrial lighting. The company philosophy is based on the concept of "Total Quality System," predicts the concentration of all the production phases in the Italian headquarters: from the designing to the production and distribution of the product. The concept of quality is blended, with no exceptions, to those of functionality and exclusiveness and with the care for detail typical of products Made in Italy.

ITC INNOVATION CENTER
Inspired by **Technology**

ITC Innovation Technological Center è la palazzina di AEC ILLUMINAZIONE totalmente dedicata alla ricerca e all' innovazione. Una struttura futuristica e d'avanguardia costruita secondo un concept innovativo di grande architettura e design. Al suo interno si trovano laboratori prove, meeting room e tutta la strumentazione sofisticata per un'eccellente lavoro di Research&Development.

ITC Innovation Technological Center is the palace of AEC ILLUMINAZIONE totally dedicated to the research and the innovation. A futuristic building built according to an innovative concept of great architecture and design.
Inside the palace there are test laboratories, meeting room and the sofistifcated tools for an excellent action of Research&Development.

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Street Lighting

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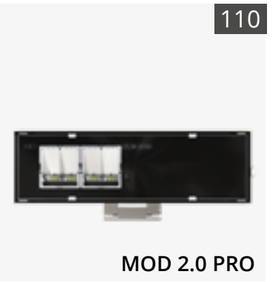
MOD 2.0 PRO

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LEGEND

Apparecchio di illuminazione a tecnologia LED
LED technology luminaire

Apparecchio di illuminazione a scarica
Discharge lamp luminaire

Apparecchio a risparmio energetico
Energy saving luminaire

Apparecchio dimmerabile
Dimmable luminaire

Assenza di rischio fotobiologico
No photobiological risk

Apparecchio dotato di sistema ottico DEKA
Luminaire equipped with DEKA optical system

Apparecchio certificato ENEC 05
ENEC 05 certified luminaire

Apparecchio dotato di sistema ottico HYPER COMFORT
Luminaire equipped with HYPER COMFORT optical system

Apparecchio dotato di sistema ottico C.L.O
Luminaire equipped with C.L.O optical system

Apparecchio dotato di sistema ottico H.P.O
Luminaire equipped with H.P.O optical system

Gruppo a un braccio
One bracket mounting

Gruppo a due bracci
Two brackets mounting

Gruppo a tre bracci
Three brackets mounting

Gruppo a quattro bracci
Four brackets mounting

Montaggio a muro
Wall mounting

SISTEMA OTTICO AEC
AEC OPTICAL SYSTEM

I sistemi ottici AEC sono il risultato di un'intensa attività di ricerca e sviluppo che ha portato fin dagli albori della tecnologia LED, alla scelta di una soluzione diversa dai classici sistemi a lenti in materiale plastico. La tecnica di riflessione, tramite alluminio metallizzato, utilizzata nello sviluppo dei riflettori AEC, consente di ottenere migliori performance, riduzione degli abbagliamenti ed elevato comfort visivo.

Gli studi eseguiti da AEC, dimostrano come questo materiale con finiture superficiali basate sull'utilizzo di leghe purissime possa offrire vantaggi ottici nel tempo nettamente superiori. Il vetro di protezione ad elevata trasparenza e resistenza, è diventata una scelta ormai consolidata. Questo garantisce una protezione adeguata del gruppo ottico e una facile pulizia del prodotto, mantenendo l'efficienza nel tempo.

The AEC optical system has been developed from intensive R&D activities which has allowed the company to choose an alternative efficient solution, completely different from plastic material lenses. The reflection method used in AEC reflectors development, allows better and higher performance, reductions in glaring effect and high visual comfort.

AEC studies have demonstrated that this material with pure alloy new surface finishing, assures important advantages for the optical system. The protection screen, with high transparency and resistance, is the best solution. It guarantees a correct protection of the optical system and a very simple and easy cleaning of the fixture, maintaining high performance and durability for extended life.

Il sistema ottico **High Performance Optic** di AEC, è una sfida senza dubbio molto più ambiziosa e complessa rispetto alle soluzioni con lenti plastiche, sia in termini progettuali che produttivi. Avanzatissimi sistemi software e moderni laboratori fotometrici hanno permesso ad AEC l'ottimizzazione di molteplici tipologie di ottiche adatte alle più diverse applicazioni illuminotecniche.

*AEC **High Performance Optic** represents an ambitious challenge in terms of designing and manufacturing. Thanks to advanced software systems and modern photometric laboratories, AEC offers a wide range of optics for different lighting applications.*

Il sistema ottico **HYPER COMFORT**, è stato invece appositamente progettato per eliminare totalmente l'effetto abbagliamento, garantendo cosi massimo comfort e bassa luminanza.
Le ottiche HYPER COMFORT sono state studiate appositamente per emettere il flusso luminoso in modo più diffusivo, anziché diretto.

The optical system HYPER COMFORT has been specifically studied to eliminate totally the glare effect, assuring in this way the maximum comfort.
The comfort optics of STORY, has been studied for emit a luminous flux in a diffusive way, instead of directly.

Sistemi ottici | *Optical systems*

TRIO

STU-M STU-S **STU-M | STU-S**	STE-M STE-S **STE-M | STE-S**	STW **STW**
OTTICA STRADALE URBANA ***URBAN STREET OPTIC***	**OTTICA STRADALE EXTRAURBANA** ***SUBURBAN STREET OPTIC***	**OTTICA STRADALE WIDE EMISSION** ***WIDE EMISSION STREET OPTIC***
Ottica asimmetrica. Illuminazione stradale, urbana e ciclo-pedonale. Specifica per larghezza strade: 1 volta l'altezza del palo (versione M), 0,75 volte l'altezza del palo (versione S). *Asymmetrical optic.* *Street, urban and cycle-path lighting.* *Specific optic for roadways where the width corresponds to 1 times the pole height (STU-M) and 0,75 times the pole height (STU-S).*	Ottica asimmetrica. Illuminazione stradale ed extraurbana. Specifica per larghezza strade: 1 volta l'altezza del palo (versione M), 0,75 volte l'altezza del palo (versione S). *Asymmetrical optic.* *Street and extra urban lighting.* *Specific optic for roadways where the width corresponds to 1 times the pole height (STE-M) and 0,75 times the pole height (STE-S).*	Ottica asimmetrica. Illuminazione di strade larghe, urbane ed extraurbane, specifica per asfalti bagnati. Specifica per larghezza strade: 1,25 volta l'altezza del palo. *Asymmetrical optic.* *Wide streets, urban and suburban road lighting, specific for wet asphalts.* *Specific optic for roadways where the width corresponds to 1,25 times the pole height.*

SV **SV**	S05 **S05**
OTTICA STRADALE SVINCOLI ***STREET JUNCTION OPTIC***	**OTTICA STRADALE EXTRA WIDE** ***STREET OPTIC EXTRA WIDE***
Ottica asimmetrica. Illuminazione di svincoli autostradali o strade urbane molto strette. Specifica per larghezza strada 0,5 volte l'altezza del palo. *Asymmetrical optic.* *Very narrow urban streets or highway entrance/exit turns lighting.* *Specific optic for roadways where the width corresponds to 0,5 times the pole height.*	Ottica asimmetrica. Illuminazione stradale, urbana e aree verdi. Specifica per larghezza strada: 1,5 volte l'altezza del palo. *Asymmetrical optic.* *Street, urban and green areas lighting.* *Specific optic for roadways where the width corresponds to 1,5 times the pole height.*

OC **OC**
OTTICA ASIMMETRICA CICLO-PEDONALE ***CYCLE PATHS ASYMMETRICAL OPTIC***
Ottica asimmetrica. Illuminazione di percorsi ciclo pedonali. *Asymmetrical optic.* *Cycle path lighting.*

TRIO PRO

ASP-W **ASP-W**	ASC **ASC**	ASP-N **ASP-N**	OP-SX OP-DX **OP**
OTTICA PERFORMANCE WIDE EMISSION ***PERFORMANCE OPTIC WIDE EMISSION***	**OTTICA COMFORT WIDE EMISSION** ***COMFORT WIDE EMISSION OPTIC***	**OTTICA PERFORMANCE NARROW EMISSION** ***PERFORMANCE OPTIC NARROW EMISSION***	**OTTICA ATTRAVERSAMENTI PEDONALI** ***PEDESTRIAN CROSSING OPTIC***
Ottica asimmetrica. Illuminazione da proiezione concentrante. Apertura C 90-270: 40°,50°, 60°,70°. Apertura C 0-180, wide emission. *Asymmetrical optic.* *Multi-focus floodlighting.* *Beam angle C 90-270: 40°,50°,60°,70°.* *Beam angle C 0-180, wide emission.*	Ottica asimmetrica. Illuminazione da proiezione diffusiva. Apertura C 90-270: 40°,50°, 60°,70°. Apertura C 0-180, wide emission. *Asymmetrical optic.* *Floodlighting.* *Beam angle C 90-270: 40°,50°,60°,70°.* *Beam angle C 0-180, wide emission.*	Ottica asimmetrica. Illuminazione da proiezione concentrante. Apertura C 90-270: 40°,50°, 60°,70°. Apertura C 0-180, narrow emission. *Asymmetrical optic.* *Multi-focus floodlighting.* *Beam angle C 90-270: 40°,50°,60°,70°.* *Beam angle C 0-180, narrow emission.*	Ottica asimmetrica. Illuminazione di attraversamenti pedonali. Asimmetrica sia su C 0-180 che su C90-270. Apertura massima 65° (vers. DX e SX). *Asymmetrical optic.* *Pedestrian crossing lighting.* *Asymmetrical for both C 0-180 and C90-270.* *Beam angle 65° (DX and SX vers.).*

PIXLED

STU-S **STU-S**	STU-M **STU-M**	STU-W **STU-W**
OTTICA STRADALE URBANA ED EXTRAURBANA ***STREET URBAN AND SUBURBAN OPTIC***	**OTTICA STRADALE URBANA ED EXTRAURBANA** ***STREET URBAN AND SUBURBAN OPTIC***	**OTTICA STRADALE URBANA ED EXTRAURBANA** ***STREET URBAN AND SUBURBAN OPTIC***
Ottica asimmetrica. Illuminazione stradale, urbana e ciclopedonale (emissione stretta). Specifica per larghezza strade: 0,75 volte l'altezza del palo. *Asymmetrical optic.* *Street, urban and cycle-path lighting (narrow emission).* *Specific optic for roadways where the width corresponds to 0,75 times the pole height.*	Ottica asimmetrica. Illuminazione stradale, urbana e ciclopedonale (emissione media). Specifica per larghezza strade: 1 volta l'altezza del palo. *Asymmetrical optic.* *Street, urban and cycle-path lighting (medium emission). Specific optic for roadways where the width corresponds to 1 times the pole height.*	Ottica asimmetrica. Illuminazione di strade larghe urbane ed extraurbane. Specifica per larghezza strade: 1,25 volte l'altezza del palo. *Asymmetrical optic.* *Wide urban and suburban road lighting.* *Specific optic for roadways where the width corresponds to 1,25 times the pole height.*

HYPER COMFORT

HC-S **HC-S**	HC-ST **HC-ST**
OTTICA COMFORT ROTOSIMMETRICA ***ROTO-SYMMETRIC COMFORT OPTIC***	**OTTICA COMFORT ASIMMETRICA** ***COMFORT ASYMMETRIC OPTIC***
Ottica comfort roto-simmetrica. Illuminazione urbana e aree verdi. *Roto-symmetrical comfort optic.* *Urban and green area lighting.*	Ottica comfort asimmetrica. Illuminazione urbana e aree verdi. *Asymmetrical comfort optic.* *Urban and green area lighting*

Sistemi ottici | *Optical systems*

PIXLED

TS-S	TS-M	TS-W	TS-03
OTTICA SIMMETRICA CENTRO STRADA ***SYMMETRICAL OPTIC CENTER ROAD***	**OTTICA SIMMETRICA CENTRO STRADA** ***SYMMETRICAL OPTIC CENTER ROAD***	**OTTICA SIMMETRICA CENTRO STRADA** ***SYMMETRICAL OPTIC CENTER ROAD***	**OTTICA SIMMETRICA CENTRO STRADA** ***SYMMETRICAL OPTIC CENTER ROAD***
Ottica asimmetrica. Illuminazione centro strada, emissione stretta. *Asymmetrical optic.* *Center road lighting,* *narrow emission.*	Ottica asimmetrica. Illuminazione centro strada, emissione media. *Asymmetrical optic.* *Center road lighting,* *medium emission.*	Ottica asimmetrica. Illuminazione centro strada, emissione larga. *Asymmetrical optic.* *Center road lighting,* *wide emission.*	Ottica asimmetrica. Illuminazione centro strada, emissione extra larga. *Asymmetrical optic.* *Center road lighting,* *extra wide emission.*

S03
OTTICA STRADALE EXTRA WIDE ***STREET OPTIC EXTRA WIDE***
Ottica asimmetrica. Illuminazione stradale, urbana e aree verdi. Specifica per larghezza strada: 1,5 volte l'altezza del palo. *Asymmetrical optic.* *Street, urban and green areas lighting.* *Specific optic for roadways where the width* *corresponds to 1,5 times the pole height.*

OTTICA *Optics*	STRADALE URBANA STREET URBAN	EXTRAURBAN SUBURBAN	CICLOPEDONALE CYCLEPATH	SVINCOLI JUNCTIONS	AREE VERDI GREEN AREA	TESATA SUSPENDED	IMPIANTI SPORTIVI SPORT LIGHTING	GRANDI AREE WIDE AREA
STU-M STU-S STU-W	•	•			•			
STE-M STE-S	•	•			•			
STW	•	•			•			
SV			•	•				
S03 S05	•	•			•			
S								
ASP-W ASP-N ASC							•	•
OP-DX OP-SX	•							
STU-M STU-S	•		•					
HC-S HC-ST	•		•		•			
TS-S TS-S TS-W						•		

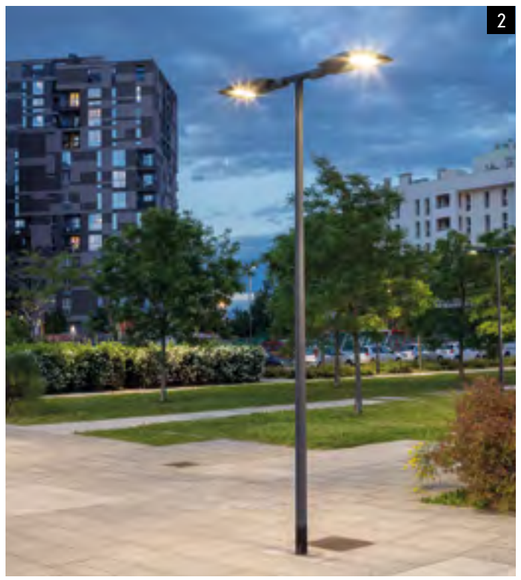
Stradale | *Street*

italo

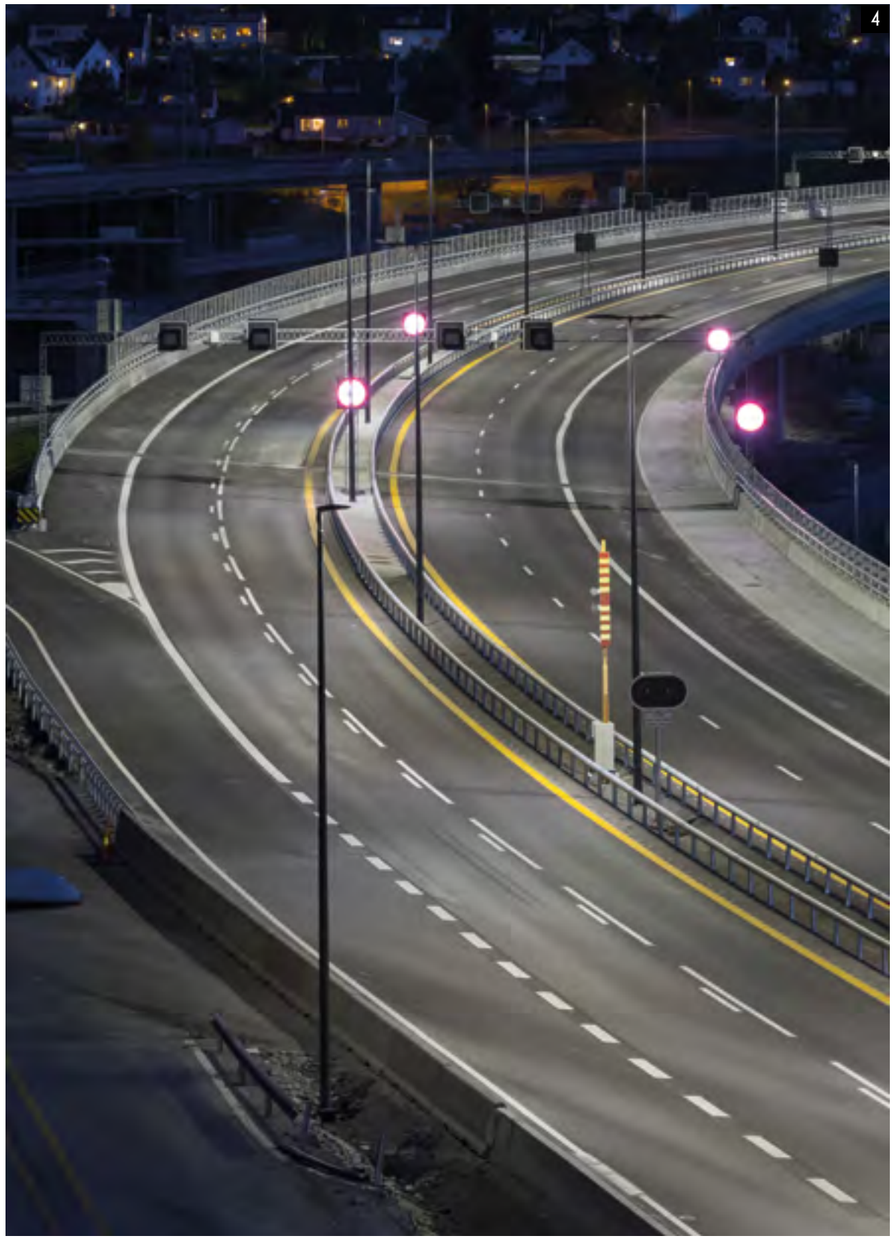
Modello depositato | Registered model

Funzionalità e ampia varietà di ottiche caratterizzano **ITALO 1**, **ITALO 2** e **ITALO 3**: stesso design in tre differenti dimensioni per una serie di apparecchi progettati per illuminazione di strade urbane ed extraurbane ad intenso traffico veicolare. ITALO è dotato di una gamma completa di ottiche in grado di far fronte alle diverse geometrie di installazione. High Performance Optic™ è il nuovo sistema ottico AEC realizzato in alluminio purissimo ad alta efficienza e sviluppato per l'utilizzo della nuova tecnologia LED Multichip.

*Functionality and a wide variety of optics feature **ITALO 1**, **ITALO 2** and **ITALO 3**: same design in three different sizes for a variety of luminaires designed to light up high traffic urban and suburban roads. ITALO is equipped with a full range of optics able to accomplish all the different installation geometries. High Performance Optic™, AEC optical system featuring ITALO, is made of high efficiency pure aluminium developed for the use of the new Multichip LED technology.*

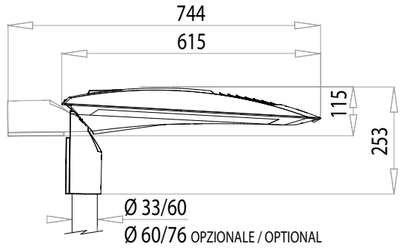


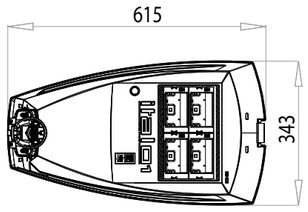
1. Larvik (Norway)
2. Milano (Italy)
3. Larvik (Norway)



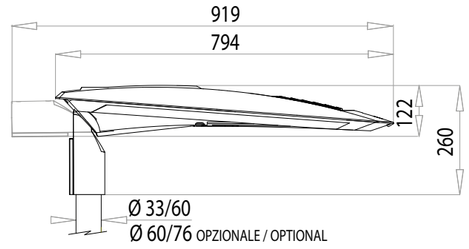
4. Narvik (Norway)
5. Narvik (Norway)
6. Narvik (Norway)

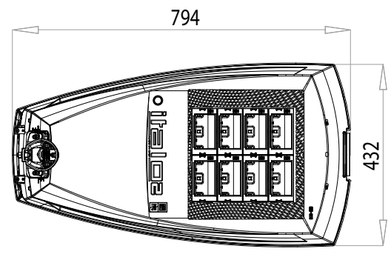
ITALO 1



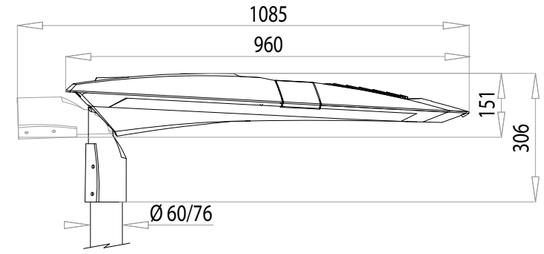


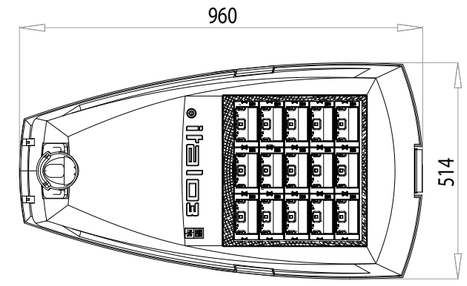
ITALO 2





ITALO 3





Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*:
220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

ZDi4

ENEC 05 · HIGH PERFORMANCE OPTIC · EXEMPT GROUP · LED · ENERGY SAVING · DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED: 4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK09.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

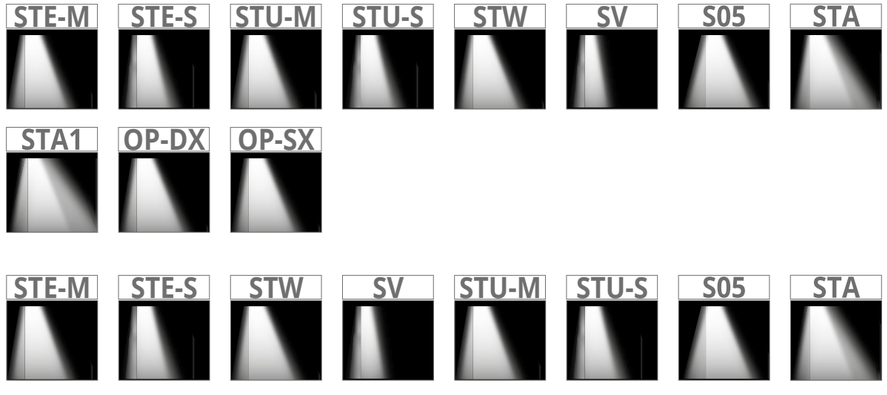
Characteristics

Modular optical system.
LED light source colour temperature:
4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK09 Mechanical resistance.

Dimming options:
***F** Fixed power not dimmable (base version).*
***DA** Automatic dimming (virtual midnight) with default profile.*
***DAC** Custom DA profile.*
***FLC** Constant light flux.*
***WL** Wireless single point communication system.*
***DALI** Digital dimming interface DALI.*
***NEMA** Socket 7 pin (ANSI C136.41).*
***ZHAGA** Socket 4 pin (Book 18)*

Ottiche | *Optics*

ITALO 1
ITALO 2



ITALO 3

Colori | *Colours*

2B Grigio satinato semilucido
***2B** Semigloss satin grey*

I - TRON

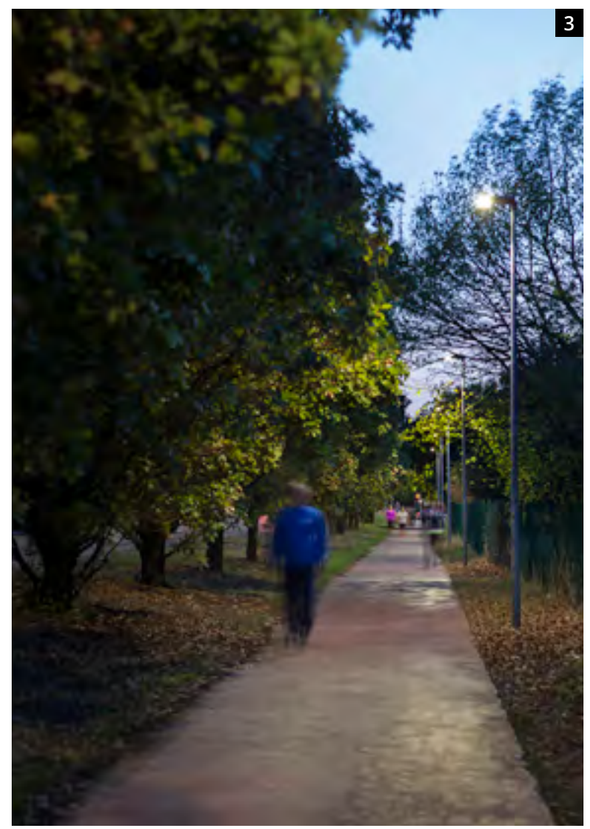
Modello depositato | Registered model

I-TRON è un apparecchio stradale progettato da AEC per garantire prestazioni a lunga durata e un veloce ritorno di investimento. La serie I-TRON nasce da un'esigenza di massimizzare i componenti e i dettagli del prodotto soddisfancendo le più complesse richieste illuminotecniche. La serie I-TRON è disponibile in due differenti dimensioni: **I-TRON Zero** e **I-TRON 1**. Entrambi gli apparecchi sono dotati di ottiche specifiche in alluminio purissimo ad alta efficienza, che garantiscono eccellenti livelli d'illuminazione nelle applicazioni di tipo stradale.

I-TRON *is a street luminaire developed by AEC to assure long lifetime and a rapid payback time. I-TRON series has been studied in order to maximize all the components and product details, meeting the most complex lighting requests. I-TRON series is available in two different sizes:* ***I-TRON Zero*** *and* ***I-TRON 1****. Both the models are equipped with specific high efficiency aluminium optics, which assure excellent lighting level performance for different street applications.*

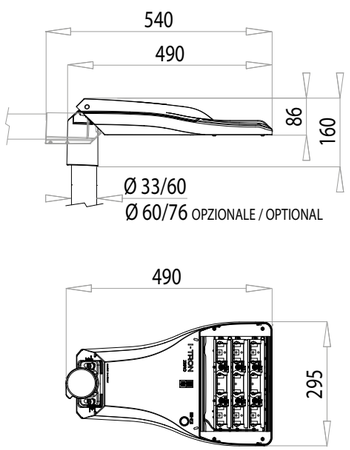
I-TRON è stato scelto per un importantissimo progetto di efficientamento energetico della città di Modena. In collaborazione con Hera Luce, AEC ha fornito gli apparecchi in brevissimo tempo al fine di consentire alla città di accogliere milioni di visitatori provenienti da tutta Italia in occasione del concerto di Vasco Rossi tenutosi al Parco Enzo Ferrari il 1 Luglio 2017, sotto una nuova efficiente illuminazione pubblica a LED.

I-TRON *has been chosen for an important energy efficiency saving project for the city of Modena (Italy). In collaboration with the client Hera Luce, AEC has provided the luminaires in a very short time, in order to allow the city to welcome millions of people in occasion of the big show of Vasco Rossi, which took place in the famous Enzo Ferrari Park on 1st July 2017, under a new LED outdoor lighting.*

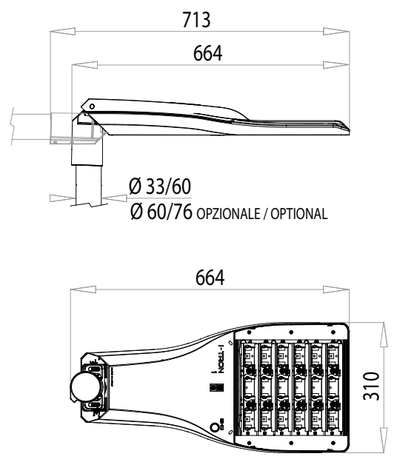


1. Modena (Italy)
2. Modena (Italy)
3. Modena (Italy)

I-TRON ZERO



I-TRON 1



Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700/900/1000 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

05 HIGH PERFORMANCE OPTIC EXEMPT GROUP LED ENERGY SAVING DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED: 4000K (3000K in opzione).
CRI: ≥70.
Grado di protezione IP66.
Resistenza meccanica IK09.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

Characteristics

Modular optical system.
LED light source colour temperature: 4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK09 Mechanical resistance.

Dimming options:
F *Fixed power not dimmable (base version).*
DA *Automatic dimming (virtual midnight) with default profile.*
DAC *Custom DA profile.*
FLC *Constant light flux.*
WL *Wireless single point communication system.*
DALI *Digital dimming interface DALI.*
NEMA *Socket 7 pin (ANSI C136.41).*
ZHAGA *Socket 4 pin (Book 18)*

Ottiche | *Optics*

I-TRON Zero
I-TRON 1

Colori | *Colours*

Ral 7016
Ral 7016

STYLO

Modello depositato | Registered model

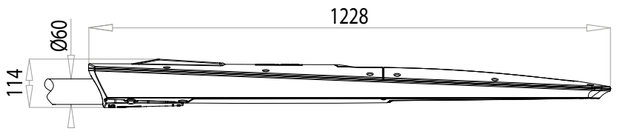
reddot design award
winner 2018

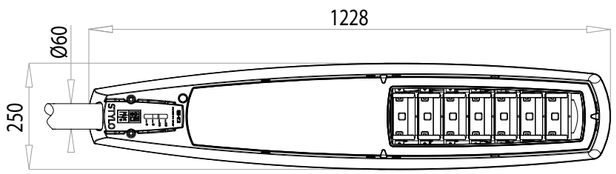
STYLO è un apparecchio progettato per illuminazione stradale e urbana a tecnologia LED.
Il prodotto si distingue per il particolare design e per il suo imponente schermo, disponibile in due versioni: vetro piano temperato ad elevata trasparenza cut-off o coppa in policarbonato semi cut-off con possibilità di creare un effetto di luce continua su tutto lo schermo. STYLO ha ricevuto il premio **RED DOT DESIGN AWARD 2018**, uno dei maggiori e più importanti premi del design a livello mondiale.

STYLO *is a luminaire for urban and street lighting. The product is featured by its particular design and big screen, available in two versions: high transparency flat tempered glass or polycarbonate semi cut-off, UV resistant, with the chance to create an effect of light continuity over the screen.*
*STYLO won the **RED DOT DESIGN AWARD 2018**, one of the main and most important design awards in the world.*

STYLO

Attacco a palo solo tramite braccio |
Fixing to the pole just with bracket





Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.9 (a pieno carico/*at full load*).

A++ ENERGY CLASS
HIGH PERFORMANCE OPTIC · 05 · EXEMPT GROUP · LED · ENERGY SAVING · DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED:
4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK07 (Schermo vetro piano e schermo in policarbonato).

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

Characteristics

Modular optical system.
LED light source colour temperature:
4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance polycarbonate screen.
IK07 Mechanical resistance flat tempered glass.

Dimming options:
***F** Fixed power not dimmable (base version).*
***DA** Automatic dimming (virtual midnight) with default profile.*
***DAC** Custom DA profile.*
***FLC** Constant light flux.*
***WL** Wireless single point communication system.*
***DALI** Digital dimming interface DALI.*
***NEMA** Socket 7 pin (ANSI C136.41).*
***ZHAGA** Socket 4 pin (Book 18)*

Colori | *Colours*

01 Grafite
***01** Graphite*

STYLO PC

Policarbonato UV resistant - *Polycarbonate UV resistant*

Lo schermo semi cut-off è in policarbonato, addizionato con filtri UV, per una maggiore protezione e una perfetta trasmissione della luce. Viene realizzato con la tecnologia di stampaggio bi-iniezione che consente di realizzare un unico pezzo, in parte opalino ed in parte trasparente.

The semi cut-off screen is made by polycarbonate with UV filters, for having high protection and a perfect light distribution. The screen is produced through a bi-injection technology which allows to realize a unique peace: a part is opaline and another part is transparent.

STYLO VP

Vetro Piano - *Flat tempered glass*

Stylo è disponibile anche con vetro piano temperato cut-off e assicura una perfetta distribuzione della luce sul piano stradale, senza alcuna dispersione verso l'alto.

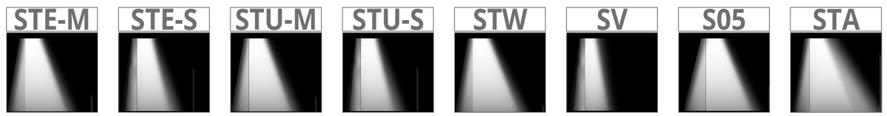
Stylo is also available with flat tempered glass cut-off and it perfectly distributes the light over the street plan without any dispersion upward.

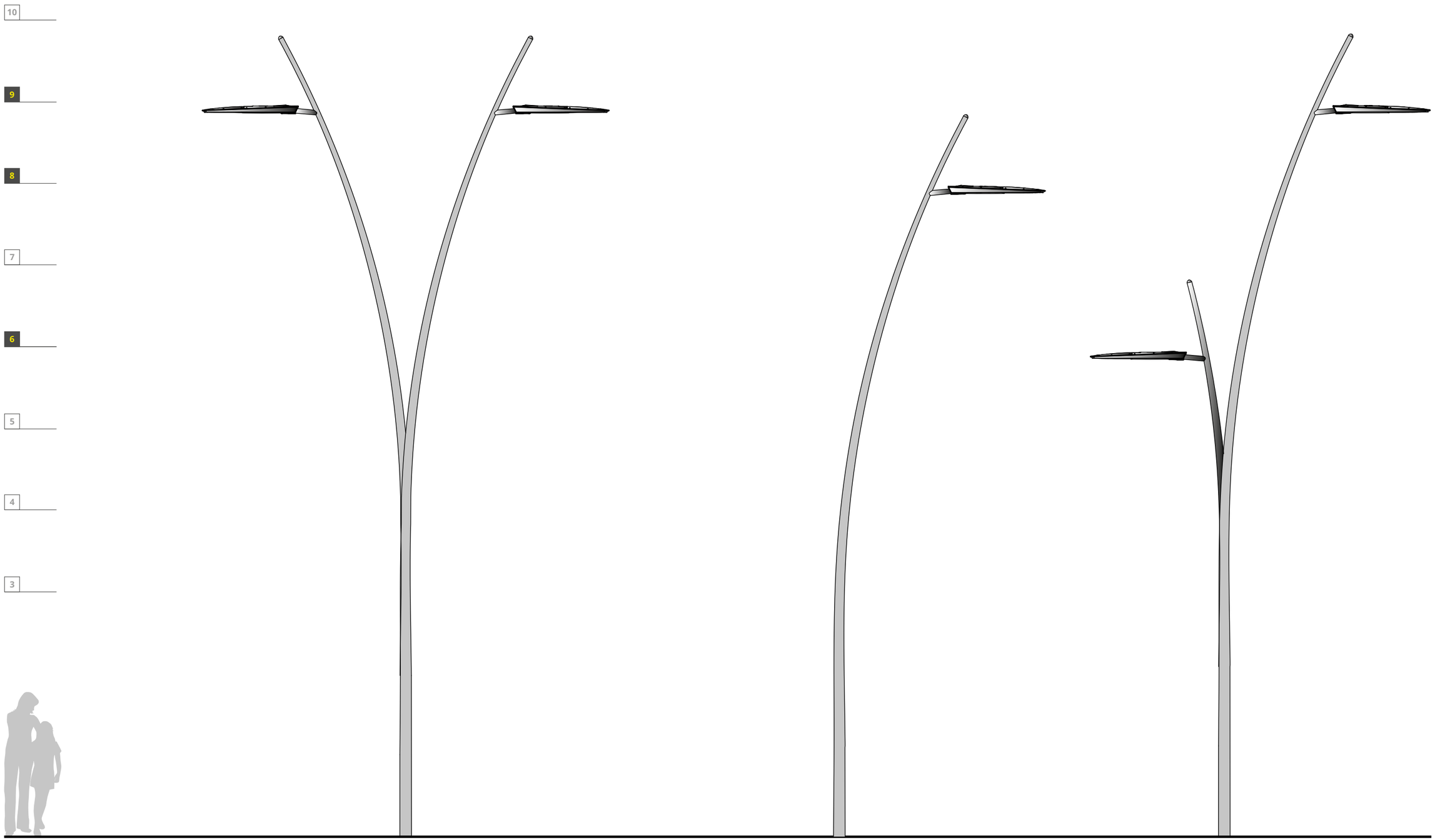
KIT ILLUMINAZIONE SCHERMO DIFFUSIVO: SD
KIT LIGHTING DIFFUSIVE SCREEN: SD

Modulo ottico opzionale che permette, in entrambi i modelli STYLO VP e STYLO PC, di creare un effetto luce su tutta la lunghezza del vano ottico.

Optional: optical module which allows, in both the version VP and PC, to create a lighting effect over all the length of the optical compartment.

Ottiche | *Optics*





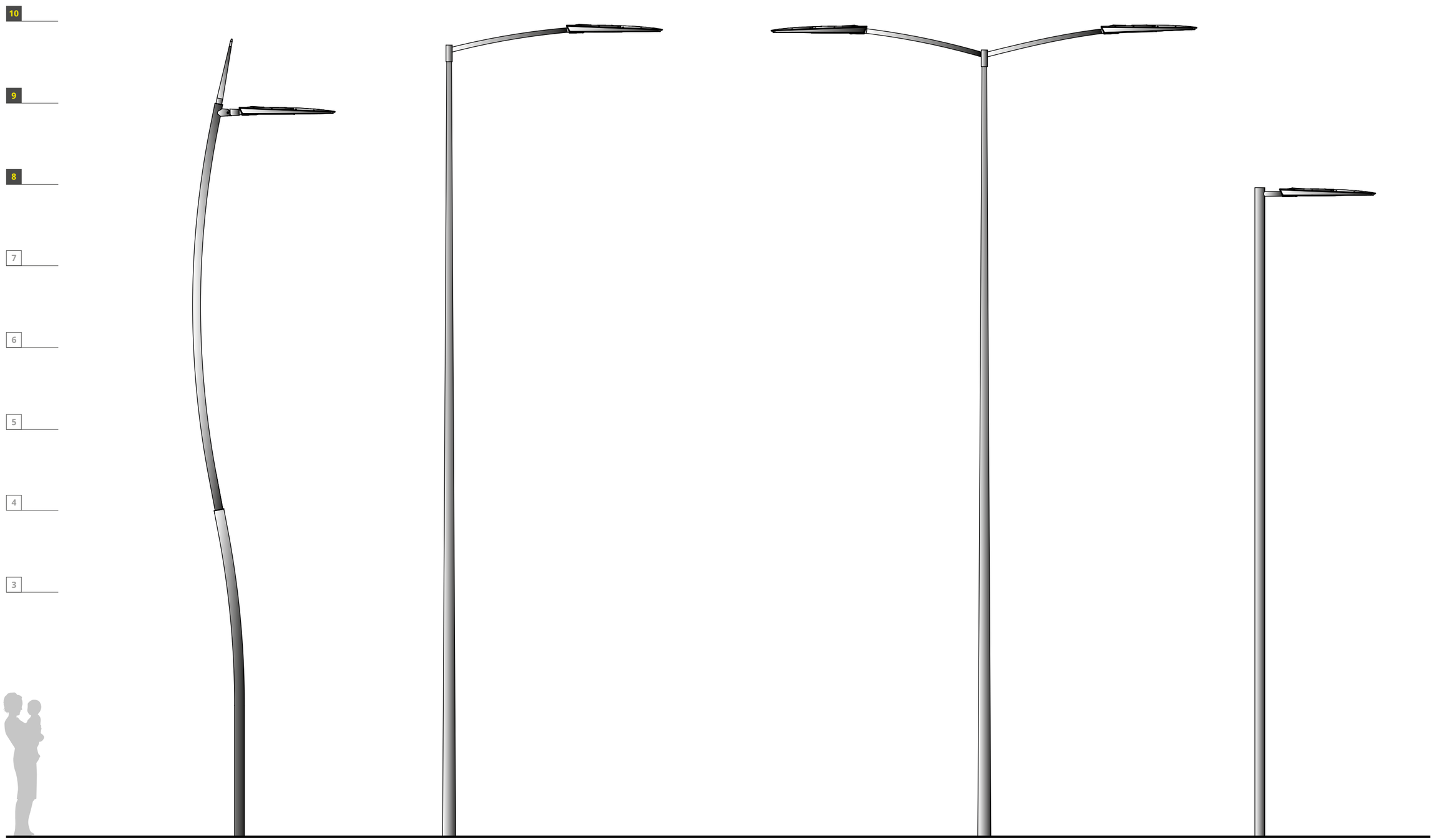
Valori espressi in metri | *Measures in metres*

H altezze punto luce
available luminaire heights

PI.D9 Series

PI8 Series

PI.9 S2 Series



Valori espressi in metri | *Measures in metres*

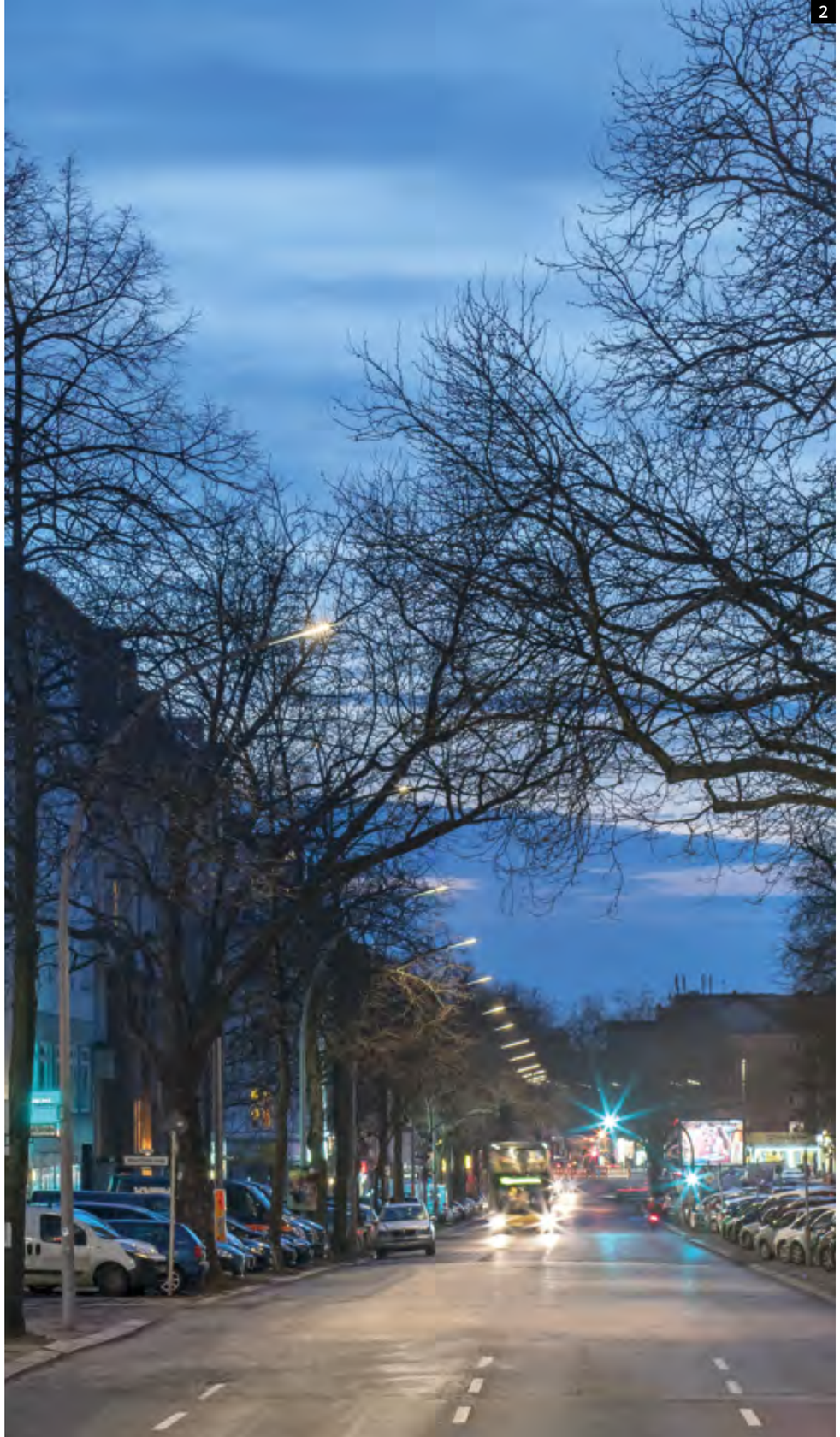
H altezze punto luce
available luminaire heights

PS9 Series

CC9 Series

CC9 Series

P08 Series



1. Casablanca (Morocco)
2. Berlin (Germany)

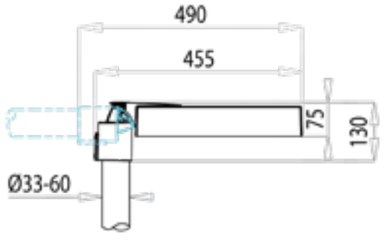
Q-DROME

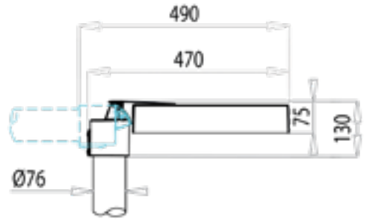
Modello depositato | Registered model

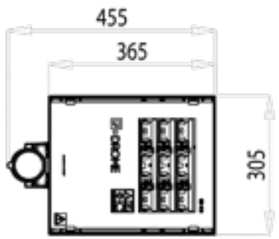
Q-DROME è un apparecchio progettato da AEC con le più recenti tecnologie per ottenere performance illuminotecniche di alto livello. La serie è disponibile con numerose ottiche di tipo asimmetrico per ogni tipo di applicazione urbana e stradale.
Il corpo compatto, realizzato interamente in alluminio pressofuso a basso contenuto di rame, garantisce un'elevata resistenza meccanica, buone prestazioni termiche e massima affidabilità dei componenti elettronici.

Q-DROME *is a luminaire designed with the best tecnologies in order to obtain the best performance. The series is available with asymmetrical optics for each type of urban and street applications.*
The body is made by die-cast aluminium with low copper content which assure high mechanical resistance and high reliability. series is composed by two different shapes but common in the concept of essential and functional design. The luminaires satisfy the lighting requests of urban and street lighting projects. Q-DROME is ideal for its modern design in urban lighting project.

Q-DROME



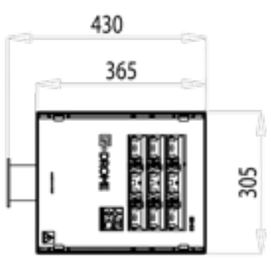




In opzione attacco universale per testa palo e braccio ø76mm.
Regolazione dell'inclinazione ogni 5°.

Optional *universal fixing for post top and bracket ø76mm.*
Regulation of inclination every 5°.

Attacco a muro
Wall fixing



Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED:
4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

Ottiche | *Optics*

Q-DROME

Colori | *Colours*

01 Grafite
01 *Graphite*

Characteristics

Modular optical system.
LED light source colour temperature:
4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
F *Fixed power not dimmable (base version).*
DA *Automatic dimming (virtual midnight) with default profile.*
DAC *Custom DA profile.*
FLC *Constant light flux.*
WL *Wireless single point communication system.*
DALI *Digital dimming interface DALI.*
NEMA *Socket 7 pin (ANSI C136.41).*
ZHAGA *Socket 4 pin (Book 18).*

Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700/1000 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

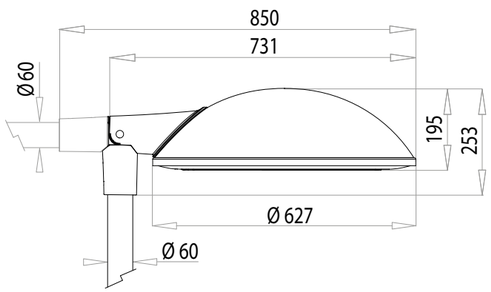
ARMODUE

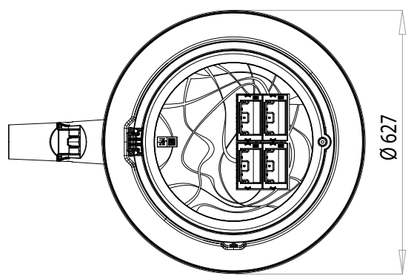
ARMODUE rappresenta una soluzione sia per illuminazione stradale che urbana. ARMODUE è disponibile in due dimensioni idonee all'installazione su sistemi di pali e bracci da Ø60mm. ARMODUE è un corpo illuminante molto versatile che può essere dotato sia di ottiche stradali che ciclopedonali. Possibilità d'installazione testa palo o in versione a braccio.

ARMODUE *represents a solution for both street and urban lighting. ARMODUE is available in two sizes suitable for installation on Ø60mm pole and bracket systems. ARMODUE is a very versatile luminaire that can be equipped with both street and pedestrian optics. Possibility of installation in both post top and bracket version.*

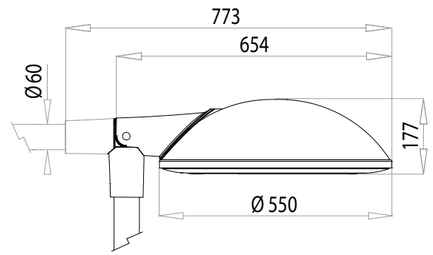
1. Fiskehamnen (Finland)
2. Fiskehamnen (Finland)

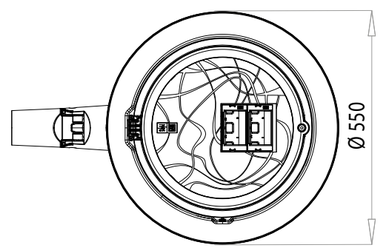
ARMODUE





ARMODUE MINI





Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED: 4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK09.

Opzioni di dimmerazione (versione LED):
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

HIGH PERFORMANCE OPTIC · EXEMPT GROUP · HID · LED · ENERGY SAVING · DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Characteristics

Modular optical system.
LED light source colour temperature: 4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK09 Mechanical resistance.

Dimming options (LED version):
***F** Fixed power not dimmable (base version).*
***DA** Automatic dimming (virtual midnight) with default profile.*
***DAC** Custom DA profile.*
***FLC** Constant light flux.*
***WL** Wireless single point communication system.*
***DALI** Digital dimming interface DALI.*
***NEMA** Socket 7 pin (ANSI C136.41).*
***ZHAGA** Socket 4 pin (Book 18).*

Colori | *Colours*

01 Grafite
***01** Graphite*

Ottiche | *Optics*

BRACCI | *BRACKETS*

9

8

7 7,1

6,5

6

5

4

3,6

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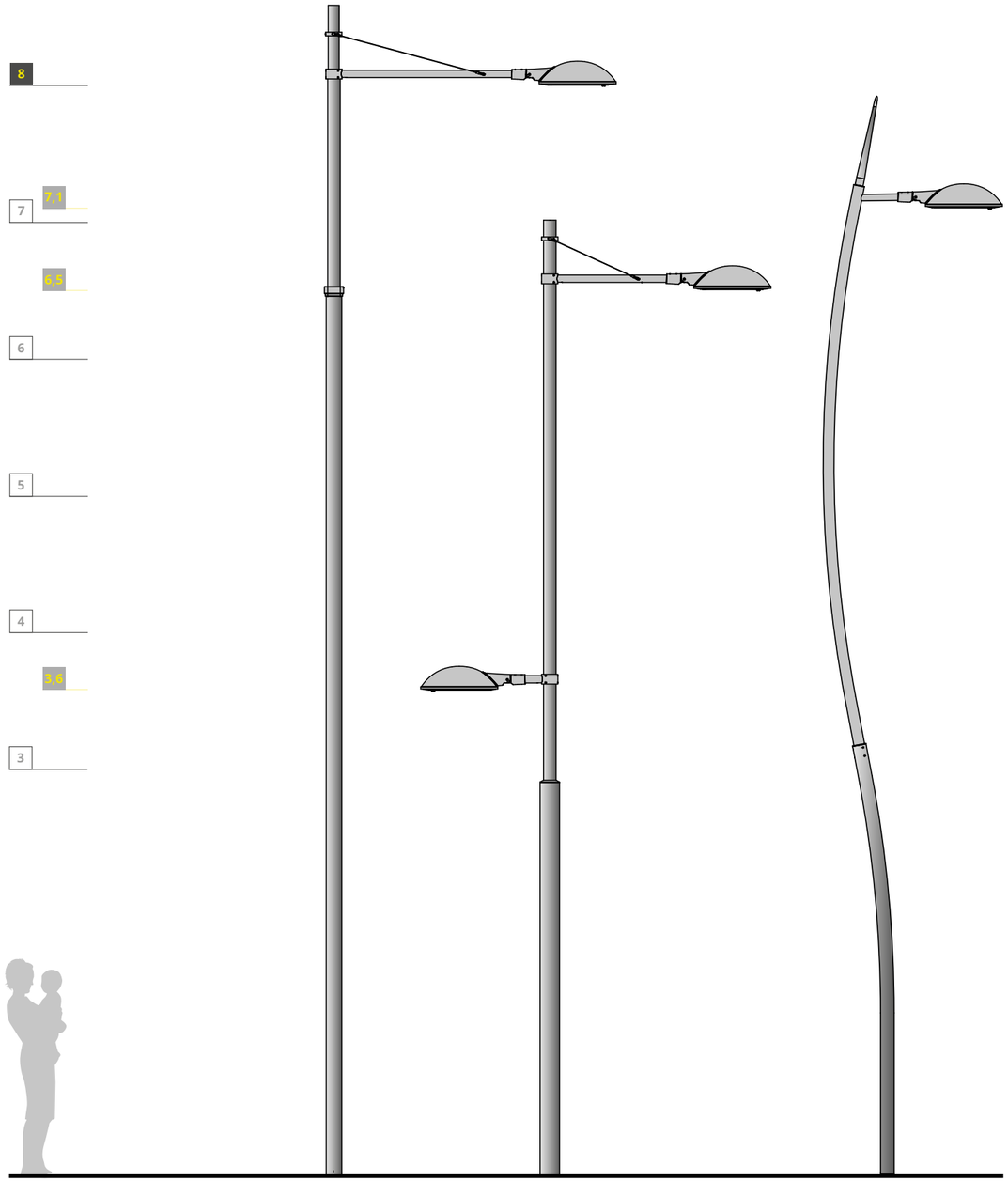


Valori espressi in metri | *Measures in metres*

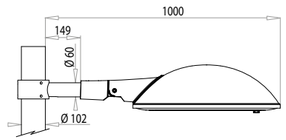
H altezze punto luce
available luminaire heights

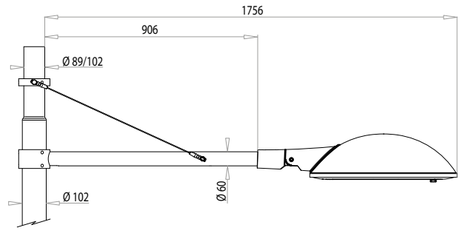
PA Series

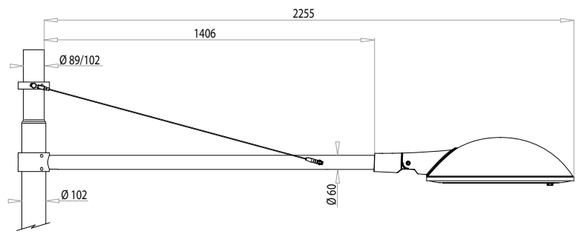
EC Series

PS Series

SERIE | SERIES **MK/K**







italo URBAN 2 TS

Modello depositato | Registered model

La serie **ITALO URBAN** si propone anche nella versione per applicazione a tesata.
Il modello ITALO 2 URBAN TS per montaggio a centro strada trova applicazione nelle viabilità medio-grandi in cui l'impiego di pali risulta irrealizzabile. Una scelta che molte Amministrazioni come Milano, Torino, Brescia e Bergamo hanno fatto al fine di garantire un'illuminazione efficiente, sicura ed ecosostenibile. ITALO 2 URBAN TS crea nuovi scenari di luce aggiungendo sicurezza, funzionalità e comfort per il cittadino.

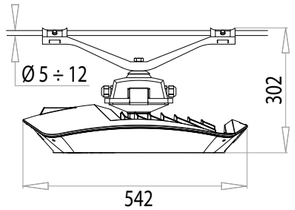
*The **ITALO 2 URBAN** is available also in suspended version. The suspended version ITALO 2 URBAN TS is used in medium-large area where poles installation is not possible. Such important municipalities as Milan and Turin installed the luminaire in order to guarantee efficient, performance and sustainable light. ITALO 2 URBAN TS creates new scenary of lighting, adding safety, functionality and comfort for the citizens.*

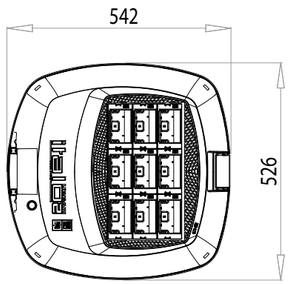
1

2

1. Milan (Italy)
2. Milan (Italy)

ITALO 2 URBAN TS





Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

EK 05 | HIGH PERFORMANCE OPTIC | EXEMPT GROUP | LED | ENERGY SAVING | DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED: 4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK09.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

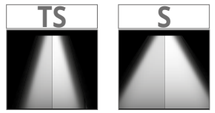
Characteristics

Modular optical system.
LED light source colour temperature: 4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK09 Mechanical resistance.

Dimming options:
F *Fixed power not dimmable (base version).*
DA *Automatic dimming (virtual midnight) with default profile.*
DAC *Custom DA profile.*
FLC *Constant light flux.*
WL *Wireless single point communication system.*
DALI *Digital dimming interface DALI.*
NEMA *Socket 7 pin (ANSI C136.41).*
ZHAGA *Socket 4 pin (Book 18).*

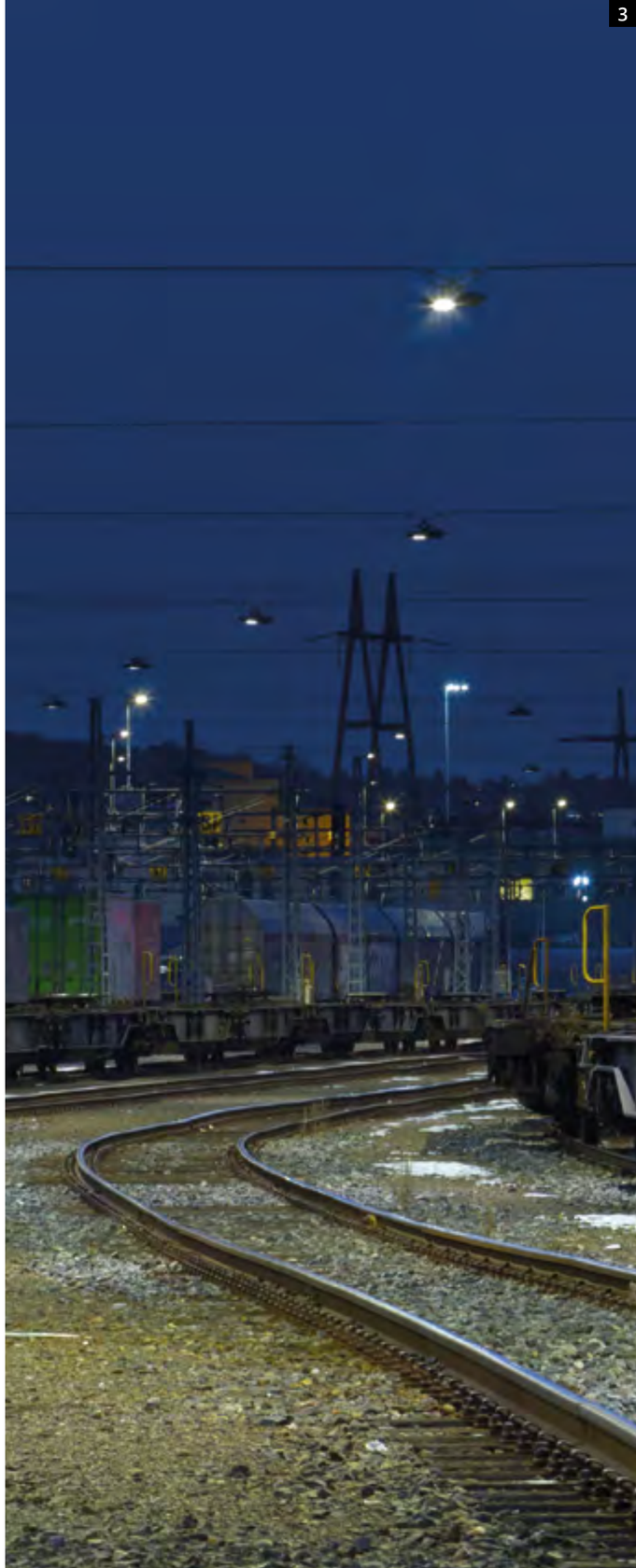
Ottiche | *Optics*

ITALO 2
URBAN TS



Colori | *Colours*

2B Grigio satinato semilucido
2B *Semigloss satin grey*



3. Oslo (Norway)

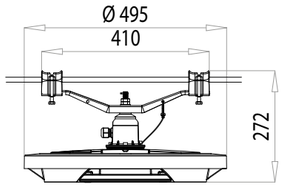
ECO•RAYS TS

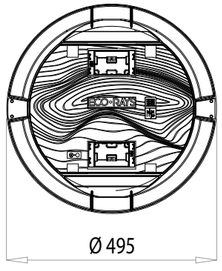
Modello depositato | Registered model

La serie **ECORAYS**, progettata per illuminazione urbana di parchi, piazze, centri cittadini e strade urbane, è formata anche dalla versione tesata.
Il corpo illuminante montato su tesata, garantisce un'illuminazione efficiente e sostenibile per installazioni su viabilità urbane medio-piccole. Un apparecchio estremamente compatto per montaggio a centro strada, caratterizzato da un'eccellente performante illuminotecnica, che garantisce importanti risultati in termini di risparmio energetico.

ECORAYS *series, designed for park, square, city centre and street road lighting, is available also with suspended version. The fixture assures efficient and sustainable lighting for medium-small urban area. The series features functionality, versatility, excellent lighting performance and it assures high levels of energy savings.*

ECORAYS TS





Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

IK 05 | HIGH PERFORMANCE OPTIC | EXEMPT GROUP | LED | ENERGY SAVING | DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Caratteristiche

Temperatura di colore sorgente LED:
4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

Characteristics

LED light source colour temperature:
4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
F *Fixed power not dimmable (base version).*
DA *Automatic dimming (virtual midnight) with default profile.*
DAC *Custom DA profile.*
FLC *Constant light flux.*
WL *Wireless single point communication system.*
DALI *Digital dimming interface DALI.*
NEMA *Socket 7 pin (ANSI C136.41).*
ZHAGA *Socket 4 pin (Book 18).*

Ottiche | *Optics*

ECORAYS TS

Colori | *Colours*

01 Grafite
01 *Graphite*

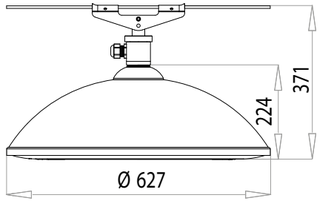
ARMONIATS

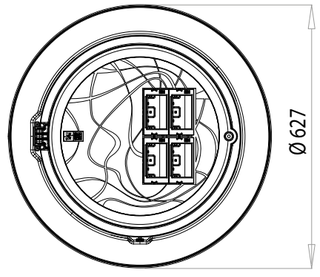
Modello depositato | Registered model

ARMONIA TS fa parte della serie ARMONIA, un sistema completo pensato per un'ampia gamma di applicazioni testa-palo, su braccio e a sospensione. La versione TS per illuminazione stradale è equipaggiata di specifica ottica per installazione a centro strada su tesata e di relativo attacco per fune in acciaio.

ARMONIA TS *is part of the ARMONIA range, a complete system conceived for a wide range of post-top applications, both on bracket and suspended. The TS street lighting version is fitted with specific optics for suspended installation*
at the centre of the road and with specific fixing system for steel cable.

ARMONIA TS





Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED: 4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK09.

Opzioni di dimmerazione (versione LED):
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom.
FLC Flusso luminoso costante. .
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

HIGH PERFORMANCE OPTIC · EXEMPT GROUP · HID · LED · ENERGY SAVING · DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Characteristics

Modular optical system.
LED light source colour temperature: 4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK09 Mechanical resistance.

Dimming options (LED version):
F *Fixed power not dimmable (base version).*
DA *Automatic dimming (virtual midnight) with default profile.*
DAC *Custom DA profile.*
FLC *Constant light flux.*
WL *Wireless single point communication system.*
DALI *Digital dimming interface DALI.*
NEMA *Socket 7 pin (ANSI C136.41).*
ZHAGA *Socket 4 pin (Book 18).*

Ottiche | *Optics*

ARMONIA TS

Colori | *Colours*

01 Grafite
01 *Graphite*

Serie Sicurezza

Da sempre attenta alle esigenze di sicurezza, AEC propone una serie di sistemi per l'illuminazione e la segnaletica degli attraversamenti pedonali. La **SERIE SICUREZZA** è dotata di ottica OP che permette di evidenziare la zona di attraversamento pedonale attraverso un fascio di luce concentrato e di fornire il corretto livello di illuminamento verticale richiesto dalla norma. L'emissione fotometrica consente un'adeguata illuminazione del pedone, del piano di calpestio e della zona di attesa, garantendo i massimi livelli di sicurezza.

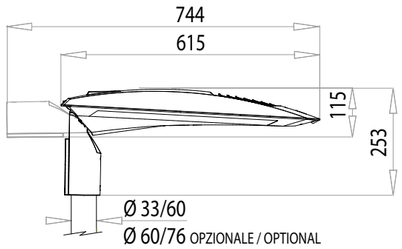
*Always attentive to safety requirements, AEC offers a range of systems for the pedestrian crossings and signage lighting. The **SAFETY SERIES** features OP optics that give the possibility of highlighting the pedestrian crossing area with a light beam designed to provide the correct level of vertical illumination required by the regulations.*
The photometric emission ensures adequate lighting of the pedestrian, the walking area and the waiting area, ensuring maximum safety levels.

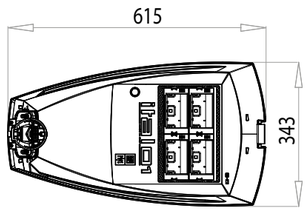
1

2

1. Bø (Norway)
2. Bø (Norway)

SERIE SICUREZZA | *SAFETY SERIES*





Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

HIGH PERFORMANCE OPTIC · EXEMPT GROUP · LED · ENERGY SAVING · DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED: 4000K.
CRI ≥70.
Grado di protezione IP66.

Opzioni di dimmerazione:
F Fisso non dimmerabile.

Characteristics

Modular optical system.
LED light source colour temperature: 4000K.
CRI ≥70.
IP66 Protection degree.

Dimming options:
***F** Fixed power not dimmable.*

Ottiche | *Optics*

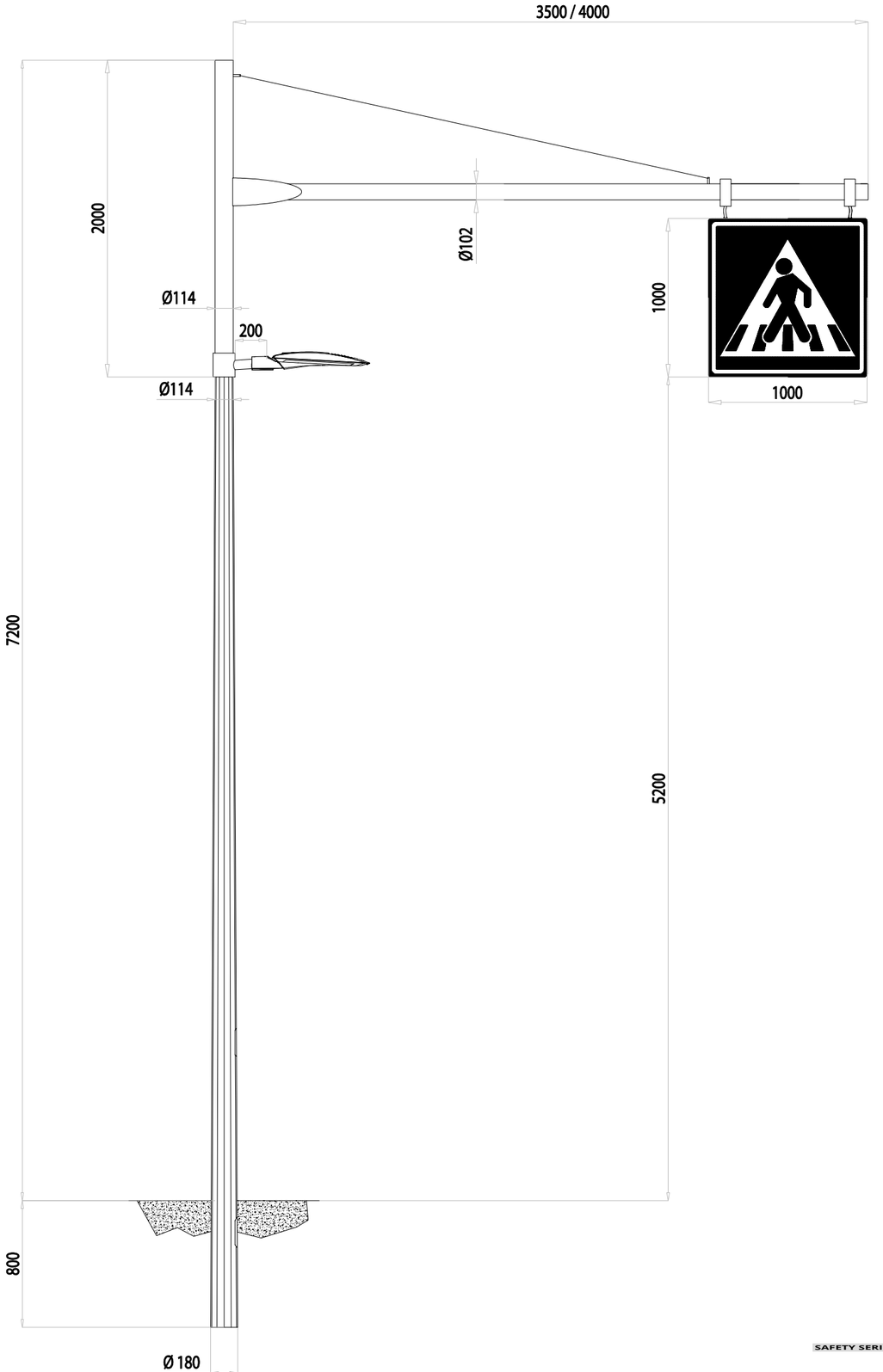
SERIE SICUREZZA
SAFETY SERIES

Colori | *Colours*

01 Grafite
***01** Graphite*

02 Nero satinato
***02** Satin black*

2B Grigio satinato semilucido
***2B** Semigloss satin grey*



Babel

Modello depositato | Registered model

BABEL è la torre faro a tecnologia LED ad alta potenza per illuminazione di rotatorie, parcheggi e grandi aree. Dotato di moduli LED altamente performanti, BABEL viene proposto in tre diverse potenze in funzione dei moduli installati (6-12-18 moduli). BABEL è caratterizzato da una torre a sezione triangolare composta da due tronchi con altezza di 15m. I moduli LED, rimovibili e integrati nella struttura, mantengono il grado IP del gruppo ottico. Un esempio straordinario di efficienza, resistenza meccanica e forte valore estetico.

BABEL *is the LED technology high power light tower for roundabouts, car parks and large areas lighting. With high performance LED modules, BABEL is offered with three different power levels, depending on the modules installed (6-12-18 modules). The unit is part of a 15m high two-trunk triangular section tower. The LED modules, removable and integrated in the structure, retain the IP protection degree of the optical assembly. An extraordinary example of maximum lighting engineering resistance and strong decorative value.*

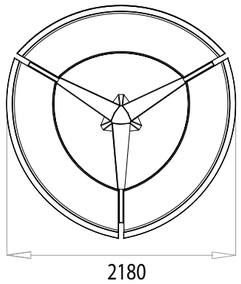
1

2

3

1. Assisi (Italy)
2. Cesa (Italy)
3. Ravenna (Italy)

BABEL



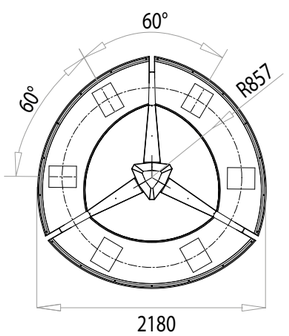
Classe di isolamento | *Insulation class*:
II (I in opzione/*optional*).
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS · EXEMPT GROUP · LED · ENERGY SAVING · DIM

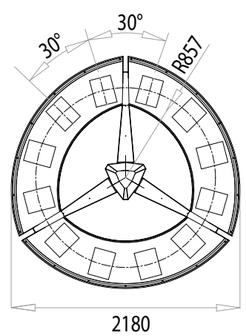
GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

VERSIONI DISPONIBILI | AVAILABLE VERSIONS

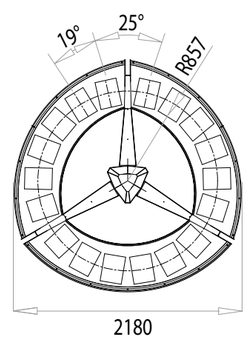
6 MODULI | MODULES



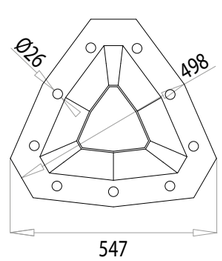
12 MODULI | MODULES



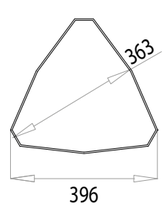
18 MODULI | MODULES



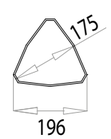
FLANGIA DI FISSAGGIO | FIXING PLATE

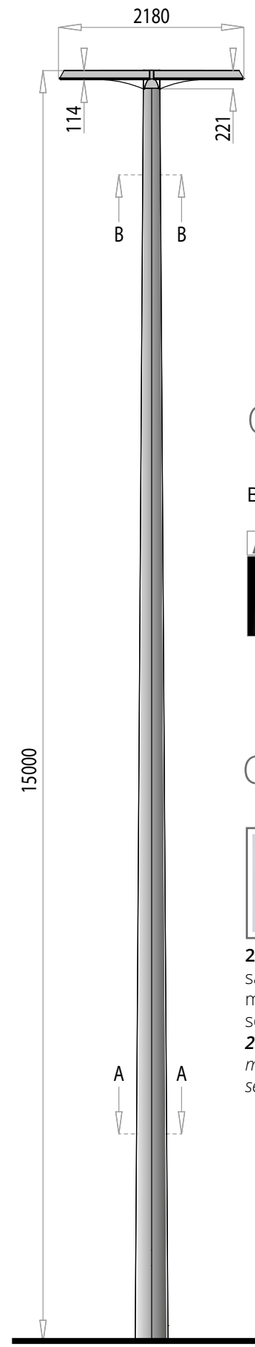


SEZIONE | SECTION A.A



SEZIONE | SECTION B.B





Ottiche | *Optics*

BABEL

Caratteristiche

Temperatura di colore sorgente LED: 4000K, 5700K.
CRI ≥70.
Grado di protezione IP66.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).

Colori | *Colours*

2D Bianco satinato marmorizzato semilucido
2D *Satin marbled semigloss white*

Characteristics

LED light source colour temperature: 4000K, 5700K.
CRI ≥70.
IP66 Protection degree.

Dimming options:
F *Fixed power not dimmable (base version).*
DA *Automatic dimming (virtual midnight) with default profile.*
DAC *Custom DA profile.*
FLC *Constant light flux.*
PLM *Power line single point communication system.*
WL *Wireless single point communication system.*
DALI *Digital dimming interface DALI.*
NEMA *Socket 7 pin (ANSI C136.41).*

Proiettori | *Floodlights*

Sistemi ottici | *Optical systems*

TRIO

STU-M STU-S **STU-M | STU-S**	STE-M STE-S **STE-M | STE-S**	STW **STW**
OTTICA STRADALE URBANA ***URBAN STREET OPTIC***	**OTTICA STRADALE EXTRAURBANA** ***SUBURBAN STREET OPTIC***	**OTTICA STRADALE WIDE EMISSION** ***WIDE EMISSION STREET OPTIC***
Ottica asimmetrica. Illuminazione stradale e ciclo-pedonale. Specifica per larghezza strade: 1 volta l'altezza del palo (versione M), 0,75 volte l'altezza del palo (versione S). *Asymmetrical optic.* *Street and cycle-path lighting.* *Specific optic for roadways where the width corresponds to 1 times the pole height (STU-M) and 0,75 times the pole height (STU-S).*	Ottica asimmetrica. Illuminazione stradale e autostradale. Specifica per larghezza strade: 1 volta l'altezza del palo (versione M), 0,75 volte l'altezza del palo (versione S). *Asymmetrical optic.* *Street and motorway lighting.* *Specific optic for roadways where the width corresponds to 1 times the pole height (STE-M) and 0,75 times the pole height (STE-S).*	Ottica asimmetrica. Illuminazione di strade larghe e asfalti bagnati. Specifica per larghezza strade: 1,25 volta l'altezza del palo. *Asymmetrical optic.* *Wide streets and wet asphalt.* *Specific optic for roadways where the width corresponds to 1,25 times the pole height.*

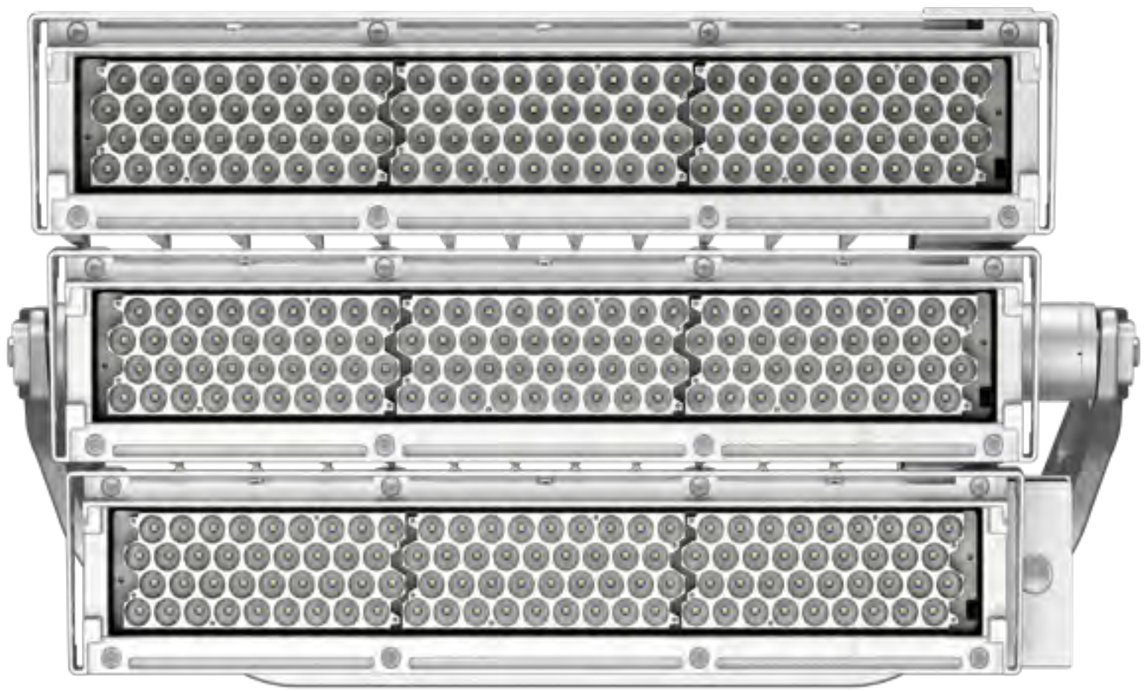
SV **SV**	S05 **S05**	S **S**
OTTICA STRADALE SVINCOLI ***STREET JUNCTION OPTIC***	**OTTICA STRADALE EXTRA WIDE** ***STREET OPTIC EXTRA WIDE***	**OTTICA ROTO-SIMMETRICA** ***ROTO-SYMMETRIC OPTIC***
Ottica asimmetrica. Illuminazione di svincoli autostradali o strade urbane molto strette. Specifica per larghezza strada 0,5 volte l'altezza del palo. *Asymmetrical optic.* *Motorway junctions and narrow street lighting.* *Specific optic for roadways where the width corresponds to 0,5 times the pole height.*	Ottica asimmetrica. Illuminazione di strade molto larghe e parcheggi. Specifica per larghezza strada: 1,5 volte l'altezza del palo. *Asymmetrical optic.* *Street and park lighting.* *Specific optic for roadways where the width corresponds to 1,5 times the pole height.*	Ottica roto-simmetrica. Illuminazione di parcheggi e aree verdi. Apertura C 0-360, 65°. *Roto-symmetrical optic.* *Parking lighting and urban green area.* *Beam angle C 0-360, 65°.*

TRIO PRO

ASP-W **ASP-W**	ASC **ASC**	ASP-N **ASP-N**	OP-SX OP-DX **OP**
OTTICA PERFORMANCE WIDE EMISSION ***PERFORMANCE OPTIC WIDE EMISSION***	**OTTICA COMFORT WIDE EMISSION** ***COMFORT OPTIC WIDE EMISSION***	**OTTICA PERFORMANCE NARROW EMISSION** ***PERFORMANCE OPTIC NARROW EMISSION***	**OTTICA ATTRAVERSAMENTI PEDONALI** ***PEDESTRIAN CROSSING OPTIC***
Ottica asimmetrica. Illuminazione da proiezione concentrante. Apertura C 90-270: 40°,50°, 60°,70°. Apertura C 0-180, wide emission. *Asymmetrical optic.* *Multi-focus floodlighting.* *Beam angle C 90-270: 40°,50°,60°,70°.* *Beam angle C 0-180, wide emission.*	Ottica asimmetrica. Illuminazione da proiezione diffusiva. Apertura C 90-270: 40°,50°, 60°,70°. Apertura C 0-180, wide emission. *Asymmetrical optic.* *Floodlighting.* *Beam angle C 90-270: 40°,50°,60°,70°.* *Beam angle C 0-180, wide emission.*	Ottica asimmetrica. Illuminazione da proiezione concentrante. Apertura C 90-270: 40°,50°, 60°,70°. Apertura C 0-180, narrow emission. *Asymmetrical optic.* *Multi-focus floodlighting.* *Beam angle C 90-270: 40°,50°,60°,70°.* *Beam angle C 0-180, narrow emission.*	Ottica asimmetrica. Illuminazione di attraversamenti pedonali. Asimmetrica sia su C 0-180 che su C90-270. Apertura massima 65° (vers. DX e SX). *Asymmetrical optic.* *Pedestrian crossing lighting.* *Asymmetrical for both* *C 0-180 and C90-270.* *Beam angle 65° (DX and SX vers.).*

ALO®

Modello depositato | Registered model



ALO è un'efficiente proiettore a LED appositamente progettato illuminazione di **impianti sportivi e grandi aree**. Il proiettore consente la massima flessibilità di progettazione e garantisce un'illuminazione performante e di lunga durata. La serie ALO si compone di tre proiettori **ALO 1, ALO 2 e ALO 3**, disponibili in tre versioni differenti: con driver esterno separato per l'uso remoto rispetto al proiettore, con alimentatore premontato sulla staffa di fissaggio e con sistema di fissaggio baricentrico brevettato **MicroMoover**.

ALO is the efficient LED lighting system specially designed for sports facilities and wide area lighting. It allows maximum design flexibility and ensures high-performance, long-lasting lighting. The ALO series includes three floodlights, ***ALO 1, ALO 2 and ALO 3****, in three different versions: with separate external driver for remote use, with driver mounted on the fixing bracket and with a innovative barycentric fixing system* ***MicroMoover.***

Because **in this** product every **detail counts**

La serie ALO si compone di **tre proiettori**:

ALO1 ALO2 ALO3

Le tre versioni sono disponibili con driver esterno separato per l'uso remoto rispetto al proiettore, con alimentatore premontato sulla staffa di fissaggio e con sistema di fissaggio baricentrico brevettato MicroMoover.

The ALO series includes three floodlights:

ALO1 ALO2 ALO3

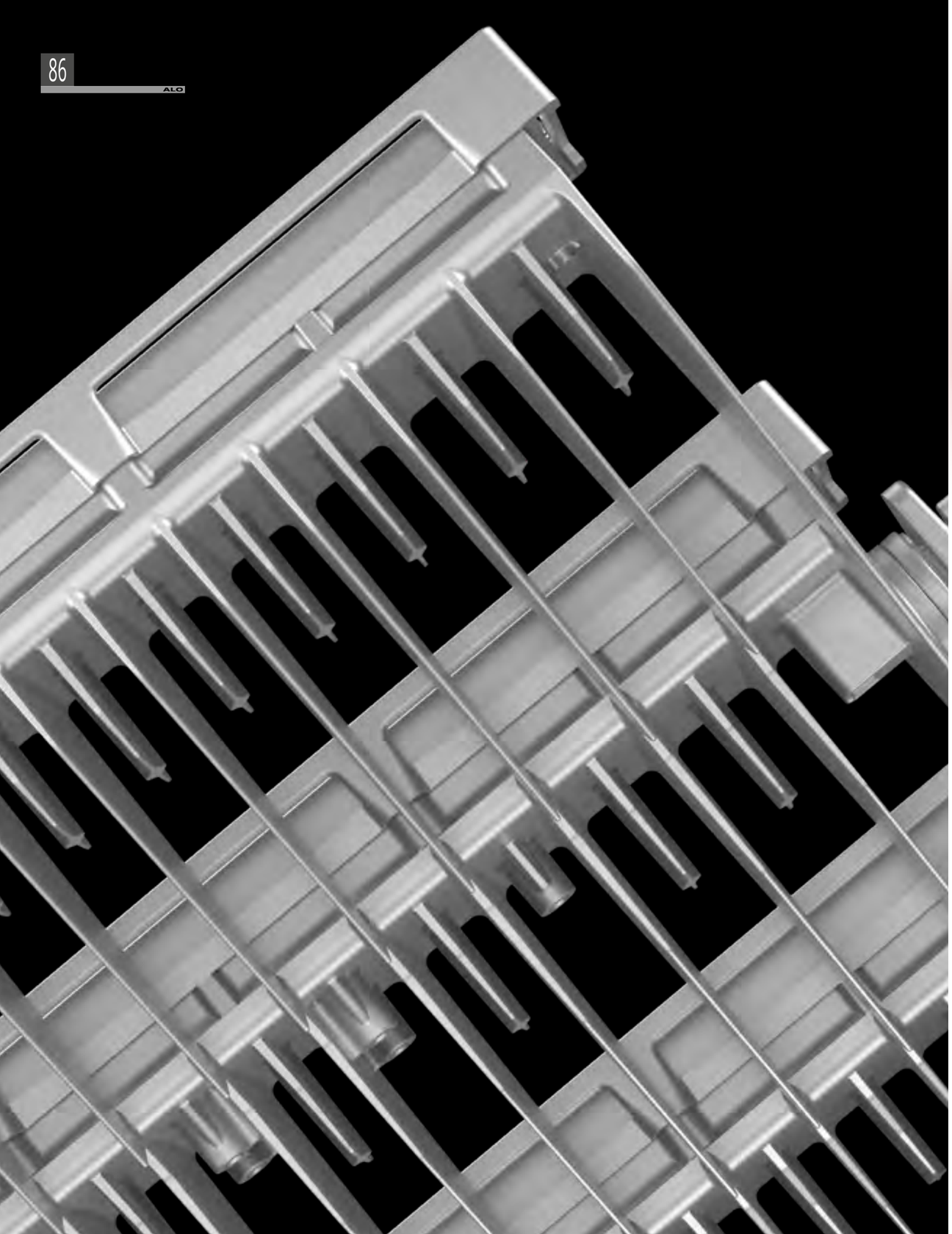
The three different versions are available with separate external driver for remote use, with driver mounted on the fixing bracket and with a barycentric fixing system MicroMoover.

3 versions

ALO3

ALO2

ALO1

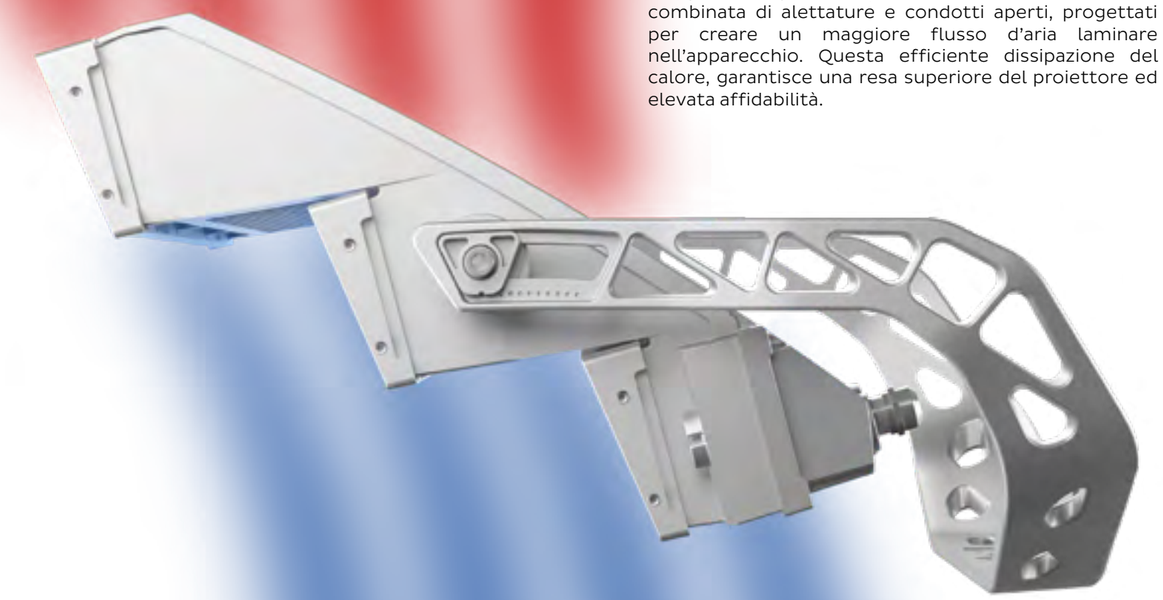


Designed for reliability

Long-lasting performance

PERFETTA GESTIONE TERMICA PER PERFORMANCE DI LUNGA DURATA

Uno dei punti di forza della serie ALO è rappresentato dall'ottima gestione termica e dall'**elevata capacità di dissipazione del calore**.
ALO presenta, infatti, un particolare sistema di dissipazione periferica, ottenuto tramite l'azione combinata di alettature e condotti aperti, progettati per creare un maggiore flusso d'aria laminare nell'apparecchio. Questa efficiente dissipazione del calore, garantisce una resa superiore del proiettore ed elevata affidabilità.



PERFECT THERMAL MANAGEMENT FOR LONG-TERM PERFORMANCE

One of the strengths of the ALO series is its excellent thermal management and high heat dissipation capacity. ALO presents, in fact, a particular peripheral dissipation system, obtained through the combined action of fins and open ducts, designed to create a greater flow of laminar air. This efficient thermal dissipation guarantees a very long life of the floodlight and high reliability.

Stadio
Stadium

Il proiettore di AEC rispetta tutti i parametri richiesti dalle Federazioni Sportive Internazionali e rende le strutture luoghi moderni e all'avanguardia. I gestori degli impianti possono beneficiare di numerosi vantaggi, sia in termini di efficienza energetica che di riduzione dei costi di gestione/manutenzione, ma possono anche fare profitti realizzando spettacoli all'interno delle strutture sportive.

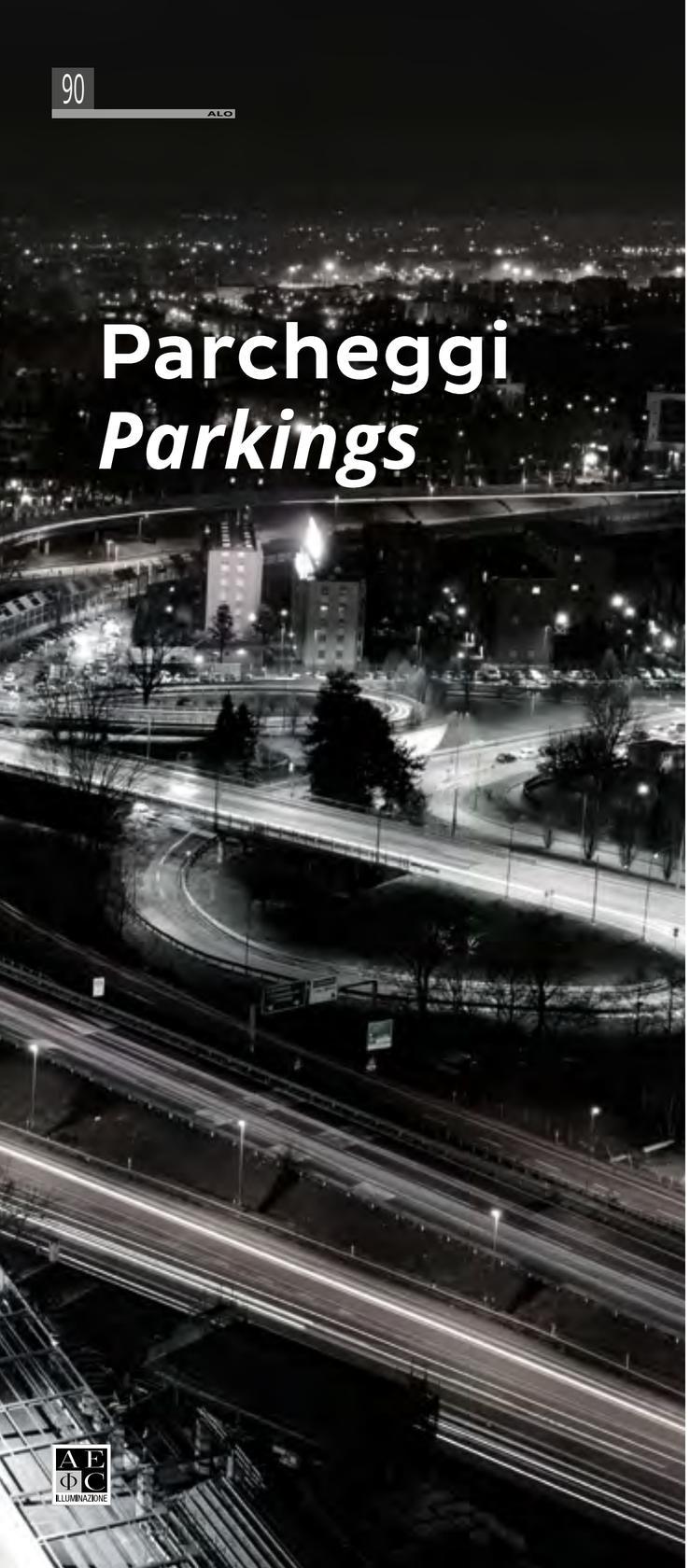
The floodlight proposed by AEC respect all the parameters required by the International Sports Federations and contribute to making the sports facility a modern and avant-garde place. Managers can thus benefit from numerous advantages both in terms of efficiency and reduction in management / maintenance costs but also in maximizing profit, deriving from the possibility of making a show inside the structures.

Arena

L'illuminazione a LED è in grado di potenziare le strutture sportive rendendole vere e proprie arene polivalenti, dove sport e intrattenimento coincidono. I gestori degli impianti e le stesse federazioni sportive possono trarre numerosi vantaggi dal creare esperienze di intrattenimento dal grande impatto visivo.

L'entertainment è la chiave di lettura di un investimento nella moderna tecnologia LED. AEC fornisce soluzioni complete per creare la migliore esperienza possibile, dall'arrivo allo stadio fino al dopo partita.

The LED lighting is able to enhance the sports facilities making them real multi-purpose arenas, where sport and entertainment coincide. The managers of sport facilities and the sports federations themselves can derive many advantages from creating entertainment experiences with great visual impact. Entertainment is the key of an investment in modern LED technology. AEC provides complete solutions to create the best possible experience, from arrival at the stadium to the post-match.



Parcheggi
Parkings

Grandi aree e parcheggi necessitano di un'eccellente illuminazione, importantissima per garantire all'utente una sensazione di massima sicurezza. L'illuminazione a LED di AEC assicura uniformità di luce, elimina totalmente zone buie e aumenta la visibilità, permettendo a chi usufruisce di questi spazi, di farlo nella massima tranquillità e sicurezza.

Wide areas and parking need an excellent lighting, important for assuring the maximum feeling of safety to the user.
The LED lighting of AEC assures light uniformity, eliminate totally the dark zones and increase the visibility, allowing to those who use these areas, to with the maximum tranquillity and safety.

Porti
INDUSTRIAL PORT

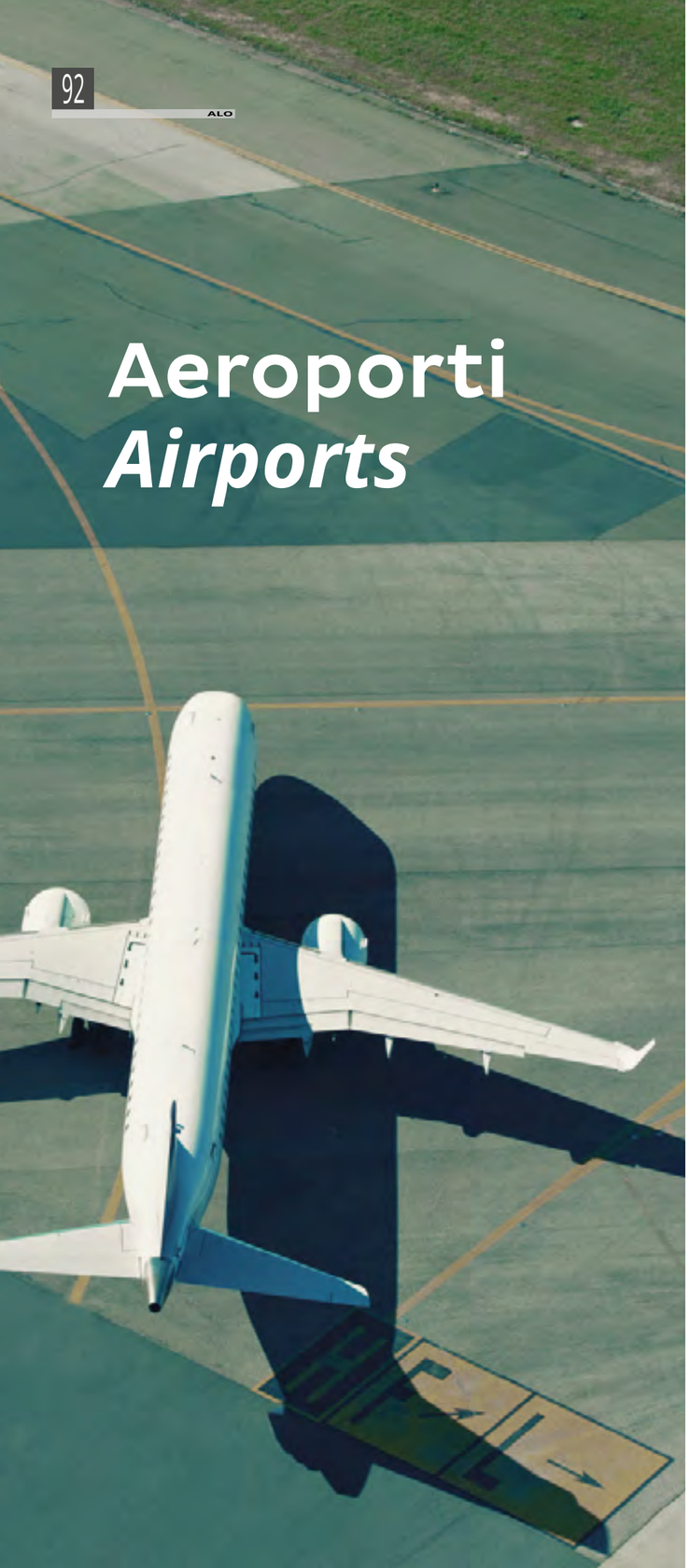
ALO può essere scelto anche per l'illuminazione di porti industriali. In queste specifiche zone, ogni giorno avvengono numerose azioni di carico e scarico merci. Per questo motivo diventano fondamentali eccellenti condizioni di visibilità.
Ogni operatore deve infatti assolutamente sentirti a suo agio per potersi spostare in modo veloce da un'area all'altra, eseguendo il suo lavoro nella massima sicurezza e visibilità.

ALO can be used for industrial port lighting too. In these specific area, everyday take place a lot of actions of loading and unloading. For this reason, excellent visibility condition is paramount. Each operator has to feel good in moving from an area to another, executing its work with the maximum safety and visibility.

Stazioni
RAILWAY STATION

Nelle aree industriali come porti, stazioni e scali merci, l'illuminazione gioca un ruolo fondamentale in quanto deve garantire una perfetta visibilità notturna. Tutte le aree e le segnaletiche interne devono essere perfettamente visibili per garantire estrema sicurezza.

In the industrial area such as port, station and railways, the lighting plays a very important role because it has to guarantee a perfect night visibility. All the area and the signages must be perfectly visible in order to assure extreme safety.



Aeroporti
Airports

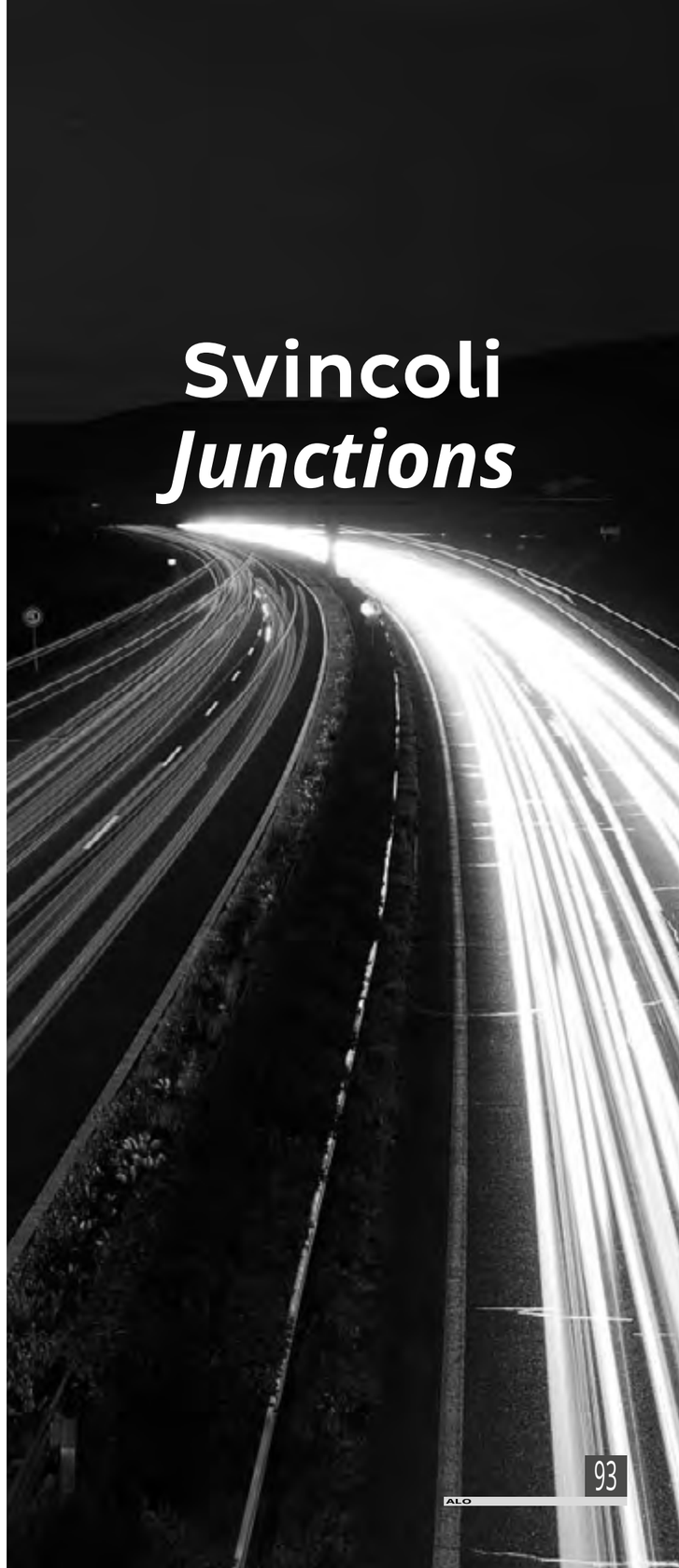
Il numero di persone che viaggiano e lavorano negli aeroporti sta crescendo in modo rapido e l'efficienza del luogo e del prodotto diventa fondamentale. Una buona illuminazione a LED consente una riduzione dei costi energetici, maggiore efficienza, affidabilità e una corretta distribuzione illuminotecnica.

The number of people which travel and work in airports is growing fast and the efficiency of the place become fundamental.
A LED good lighting allow a reduction of energy costs, more efficiency, reliability and a correct lighting distribution.

Una corretta illuminazione a LED negli svincoli autostradali permette un adeguato senso di orientamento del guidatore, rende visibile l'andamento della strada e mette in evidenza eventuali aree di pericolo. Trattandosi di zone ad alta percorribilità, scegliere la giusta soluzione, significa garantire la sicurezza di cui necessitano.

A correct LED lighting in the motorway junctions allows the right sense of orientation to the driver, make visible the road course and make in evidence any danger area. Being about zone of high practicability, choose the right light solution means guarantee the safety which they need.

Svincoli
Junctions

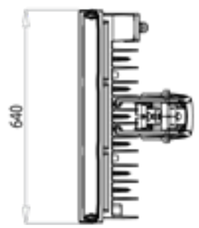


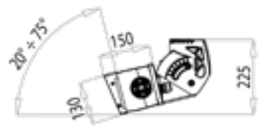
ALO1

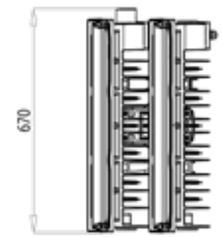
ALO2

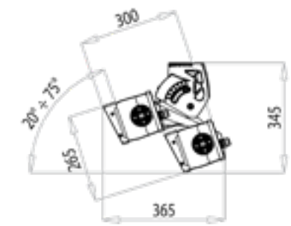
VERSIONE MICROMOOVER
ALIMENTATORE REMOTO

MICROMOOVER VERSION
REMOTE DRIVER



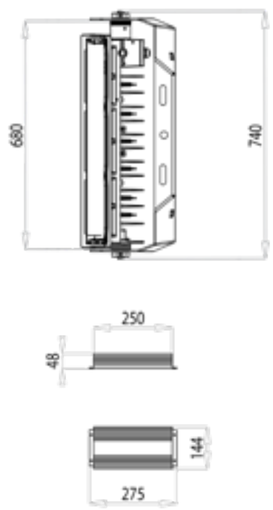


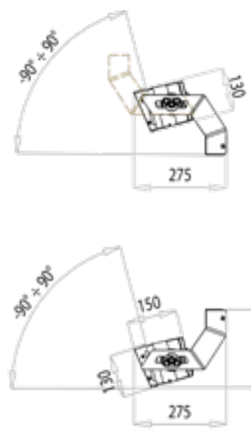


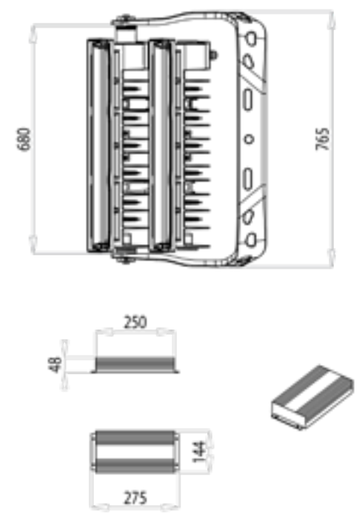


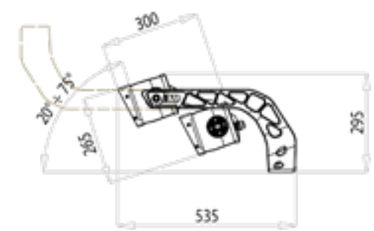
VERSIONE STAFFA C
ALIMENTATORE REMOTO

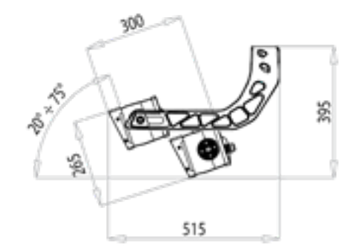
C BRACKET VERSION
REMOTE DRIVER





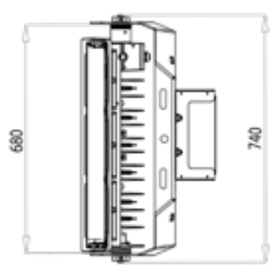


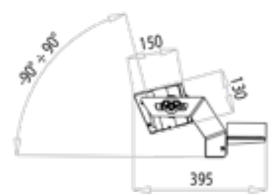


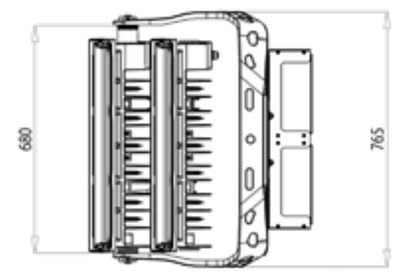


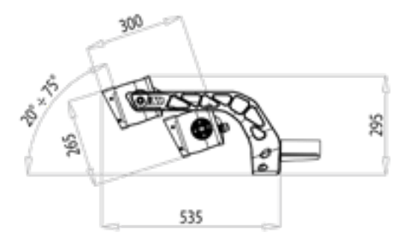
VERSIONE STAFFA C
ALIMENTATORE INTEGRATO

C BRACKET VERSION
INTEGRATED DRIVER



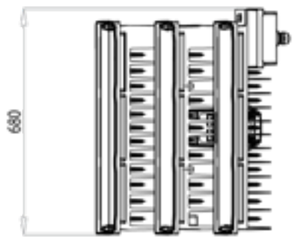


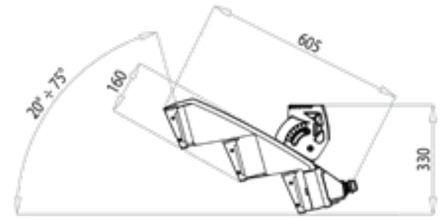




MICROMOOVER
ALIMENTATORE REMOTO

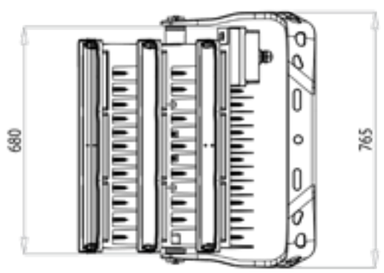
MICROMOOVER VERSION
REMOTE DRIVER

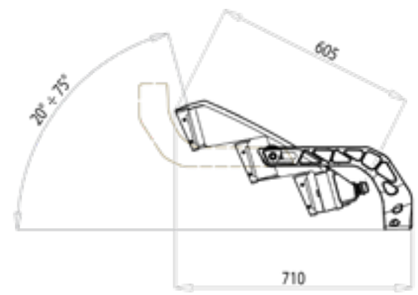


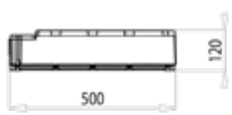


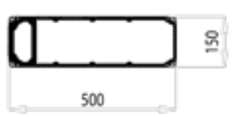
VERSIONE STAFFA C
ALIMENTATORE REMOTO

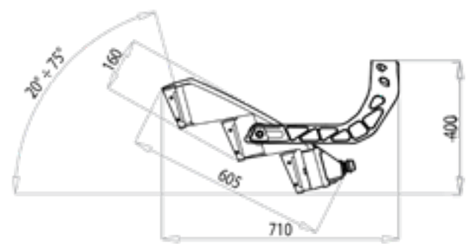
C BRACKET VERSION
REMOTE DRIVER





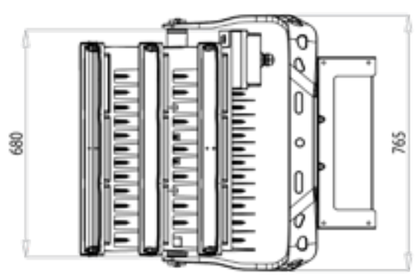


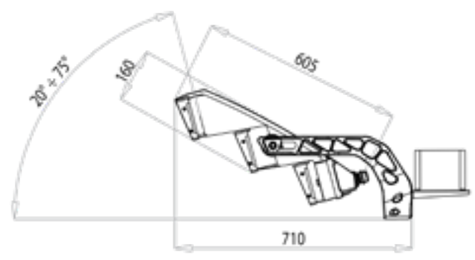




VERSIONE STAFFA C
ALIMENTATORE INTEGRATO

C BRACKET VERSION
INTEGRATED DRIVER





Caratteristiche

Sistema ottico rimovibile.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DALI Interfaccia di dimmerazione digitale DALI.
DMX Interfaccia di dimmerazione digitale tramite controllo DMX.

Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 1000/1250 mA.
Fattore di potenza | *Power Factor*:
> 0.9 (a pieno carico / at full load)

Characteristics

Modular optical system.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
F *Fixed power not dimmable (base version).*
DALI *Digital dimming interface DALI.*
DMX *Digital dimming interface through DMX control.*

Peso e superfici esposte | *Weight and surfaces exposed:*

ALO1

MicroMoover 10.9 kg
Superficie esposta laterale 0.045 m² - pianta 0.11 m²
Lateral surface exposed max 0.045 m² - plant 0.11 m²

C Bracket Remote Driver 12.2 kg
Superficie esposta laterale 0.03 m² - pianta 0.14 m²
Lateral surface exposed max 0.03 m² - plant 0.14 m²

C Bracket Integrated Driver 15.6 kg
Superficie esposta laterale 0.04 m² - pianta 0.18 m²
Lateral surface exposed max 0.04 m² - plant 0.18 m²

ALO2

MicroMoover 19.2 kg
Superficie esposta laterale 0.06 m² - pianta 0.2 m²
Lateral surface exposed max 0.06 m² - plant 0.2 m²

C Bracket Remote Driver 22 kg
Superficie esposta laterale 0.06 m² - pianta 0.27 m²
Lateral surface exposed max 0.06 m² - plant 0.27 m²

C Bracket Integrated Driver 29.5 kg
Superficie esposta laterale 0.08 m² - pianta 0.36 m²
Lateral surface exposed max 0.08 m² - plant 0.36 m²

ALO3

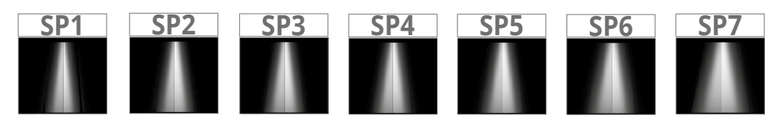
MicroMoover 28.2 kg
Superficie esposta laterale 0.08m² - pianta 0.3m²
Lateral surface exposed max 0.08 m² - plant 0.3 m²

C Bracket Remote Driver 31 kg
Superficie esposta laterale 0.09m² - pianta 0.37m²
Lateral surface exposed max 0.09 m² - plant 0.37 m²

C Bracket Integrated Driver 38.5 kg
Superficie esposta laterale 0.11m² - pianta 0.46m²
Lateral surface exposed max 0.11 m² - plant 0.46 m²

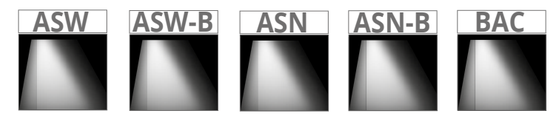
Ottiche | *Optics*

SPORT
PROFESSIONAL



SPORT
RECREATIONAL

LARGE AREA

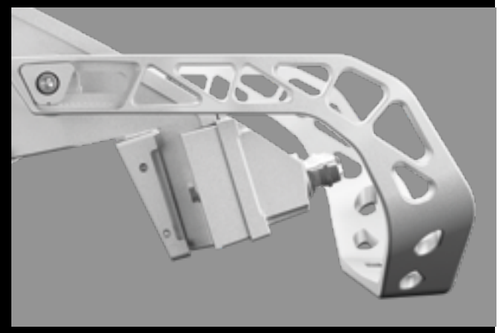


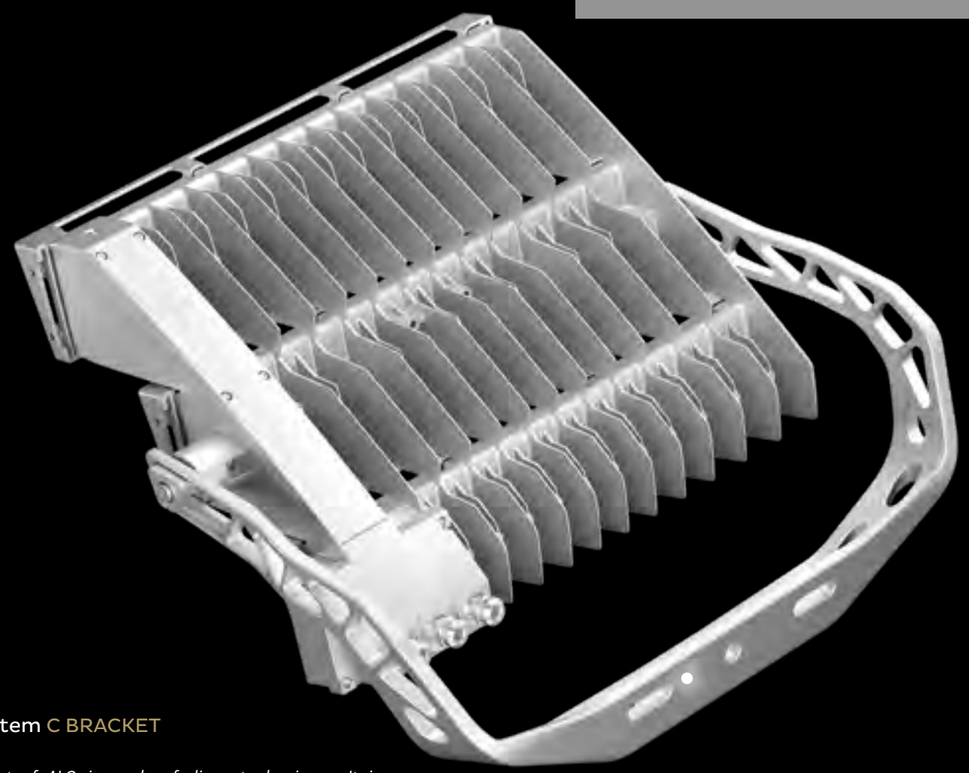
ALO®

Versatile Fixing Systems

Sistema di fissaggio STAFFA C

La Staffa C del proiettore è realizzata in alluminio pressofuso. E' regolabile e inclinabile sul piano orizzontale da +20° a +75° con step graduati a scatto controllato di 5°. Ulteriore microregolazione di ±2.5° ogni 0,5° con asole graduate per valori intermedi alla regolazione principale. E' disponibile anche per montaggio rovesciato, garantendo una grande versatilità di installazione.





Fixing System C BRACKET

The C Bracket of ALO is made of die-cast aluminum. It is adjustable and tiltable on the horizontal plane from +20° to +75° with graduated steps with controlled release of 5°. Additional micro-adjustment of ± 2.5° every 0,5° with graduated slots for intermediate values at the main adjustment. It is also available for inverted mounting, guaranteeing great installation versatility.

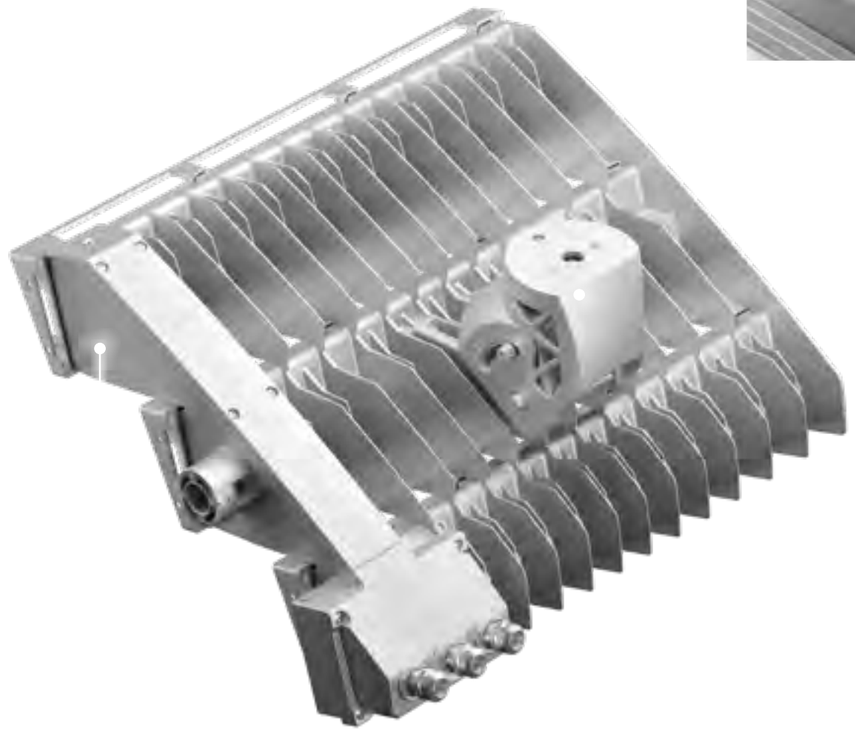
MICROMOOVER

Sistema fissaggio brevettato

Sistema di fissaggio brevettato MICROMOOVER

L'innovativo attacco baricentrico MicroMoover è ideale per installazione sospesa del proiettore in contesti di spazio limitati (ad esempio sotto la copertura delle tribune). MicroMoover semplifica, inoltre, le operazioni di puntamento.

Questo sistema di fissaggio permette la regolazione su più piani e assi: regolazione principale con range di inclinazione sul piano orizzontale da +20° a +75°. Ulteriore microregolazione da 0° a +10° per valori intermedi alla regolazione principale. Range di rotazione su asse verticale ±180°.

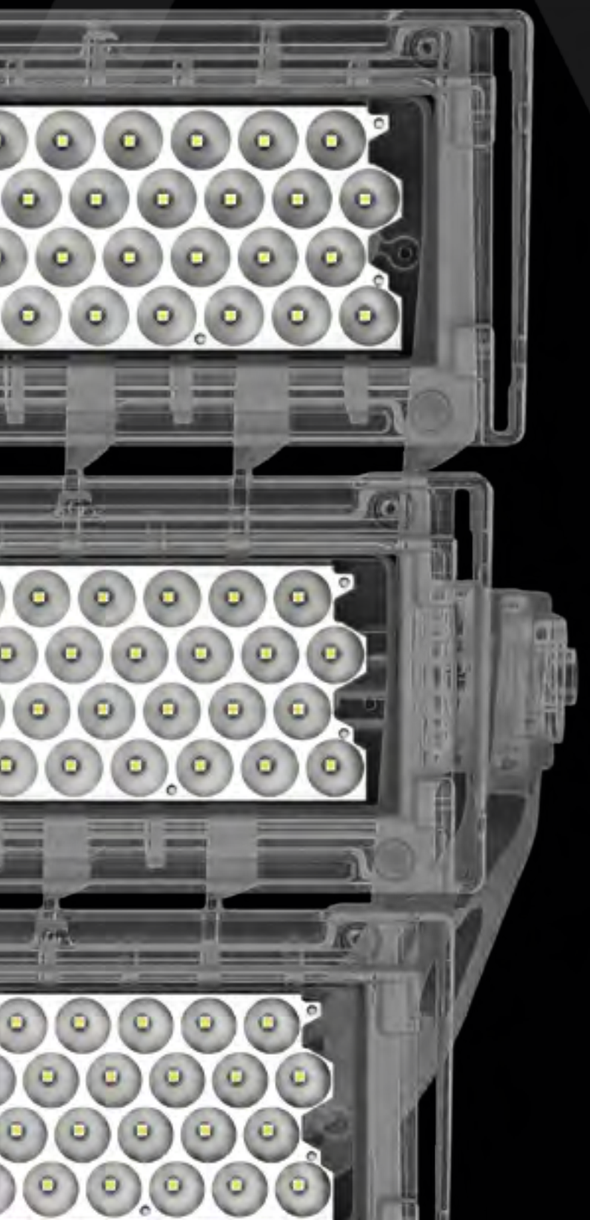


MICROMOOVER innovative fixing system

The innovative MicroMoover barycentric fixing is ideal for suspended installation of ALO in limited spaces (for example under the roof cover of grandstands) . Furthermore MicroMoover simplifies pointing operations. This fixing system allows adjustment on several planes and axes: main adjustment with tilt range in the horizontal plane from +20° to +75°. Additional micro-adjustment from 0 ° to +10° for intermediate values to the main adjustment. Rotation range on vertical axis ±180°.

ALO Optical System

Innovative technology



SISTEMA OTTICO SPOT SPORT PROFESSIONAL

ALO è disponibile con un performante sistema ottico SPOT, specificamente sviluppato per far fronte ad ogni esigenza di installazione in campi sportivi professionali.

Il sistema si compone di 7 differenti ottiche simmetriche floodlighting, per un'illuminazione puntuale sul campo. L'elevata disponibilità di fasci permette al progettista di ottimizzare la luce in ogni direzione con estrema flessibilità.

La soluzione utilizza sorgenti led specifiche per riprese televisive con elevato grado di TLCI.

SPOT OPTICAL SYSTEM SPORT PROFESSIONAL

ALO is available with a high-performance SPOT optical system, specifically developed to meet all installation requirements in professional sports fields. The system consists of 7 different symmetrical floodlighting optics for punctual lighting in the pitch. The high availability of beams allows the designer to optimize light in every direction with extreme flexibility. The solution uses specific LED sources for high-grade TLCI television broadcasts.

SISTEMA OTTICO BREVETTATO B-ASYMMETRIC

AEC ha brevettato un'innovativa tecnica di illuminazione per campi sportivi che rende estremamente semplice l'applicazione dei proiettori, senza ricorrere a precisi puntamenti.

Il sistema ottico AEC B-ASYMMETRIC nasce specificamente per illuminazione di impianti sportivi amatoriali, dove l'installazione degli apparecchi può essere effettuata anche da personale non esperto, rendendo estremamente semplice e veloce il montaggio. Inoltre, permette di limitare il numero di apparecchi e consente anche il riutilizzo delle infrastrutture esistenti.

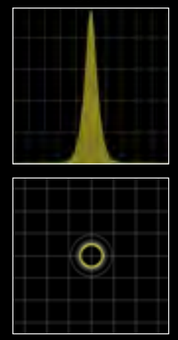
PATENT PENDING B-ASYMMETRIC OPTICAL SYSTEM

AEC has created an innovative lighting technique for sports fields that makes the application of the floodlights extremely simple, without resorting to precise aiming. The B-ASYMMETRIC optical system was created specifically for lighting recreational sports facilities, where the installation of the devices can also be performed by non-expert personnel, making assembly extremely quick and easy. Furthermore, it allows to limit the number of luminaires and also allows reusing of existing infrastructures.

SPORT PROFESSIONAL

CCT = 5700 K
CRI ≥ 80-90
TLCI > 80
Flicker factor (FF) < 3%

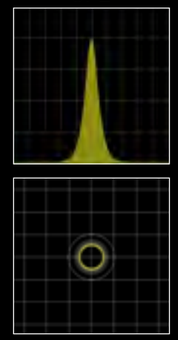
SP1



Ottica simmetrica spot
Picco di intensità 16000 cd/Klm
Tecnica di illuminazione puntuale

Symmetric spot optic
Peak intensity 16000 cd/Klm
Spot lighting technique

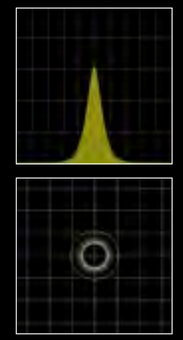
SP2



Ottica simmetrica spot
Picco di intensità 13500 cd/Klm
Tecnica di illuminazione puntuale

Symmetric spot optic
Peak intensity 13500 cd/Klm
Spot lighting technique

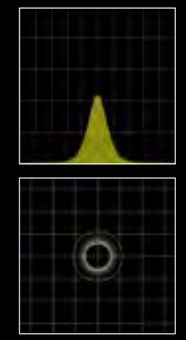
SP3



Ottica simmetrica spot
Picco di intensità 11000 cd/Klm
Tecnica di illuminazione puntuale

Symmetric spot optic
Peak intensity 11000 cd/Klm
Spot lighting technique

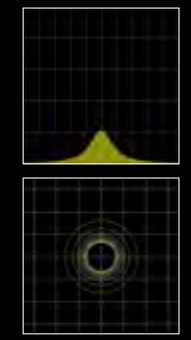
SP4



Ottica simmetrica spot
Picco di intensità 8500 cd/Klm
Tecnica di illuminazione puntuale

Symmetric spot optic
Peak intensity 8500 cd/Klm
Spot lighting technique

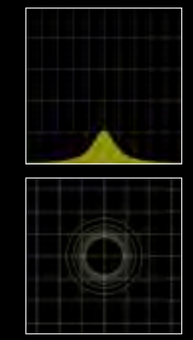
SP5



Ottica simmetrica spot
Picco di intensità 7250 cd/Klm
Tecnica di illuminazione puntuale

Symmetric spot optic
Peak intensity 7250 cd/Klm
Spot lighting technique

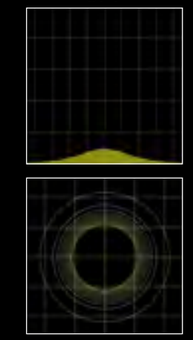
SP6



Ottica simmetrica spot
Picco di intensità 6000 cd/Klm
Tecnica di illuminazione puntuale

Symmetric spot optic
Peak intensity 6000 cd/Klm
Spot lighting technique

SP7



Ottica simmetrica spot
Picco di intensità 4500 cd/Klm
Tecnica di illuminazione puntuale

Symmetric spot optic
Peak intensity 4500 cd/Klm
Spot lighting technique

SPORT RECREATIONAL

CCT = 5700 K
CRI ≥ 70-80
Flicker factor (FF) < 3%

BAC

Ottica asimmetrica
Utilizzo posizione centrale
Tecnica di illuminazione B-Asymmetric

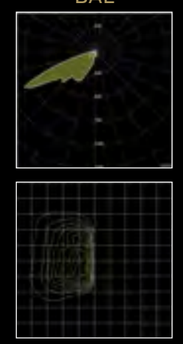
Asymmetric optic
Use central position
B-Asymmetric lighting technique

BAR

Ottica asimmetrica
Utilizzo posizione laterale destra
Tecnica di illuminazione B-Asymmetric

Asymmetric optic
Use right side position
B-Asymmetric lighting technique

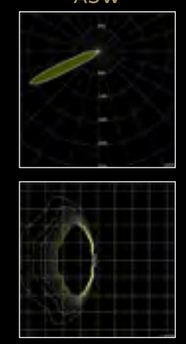
BAL



Ottica asimmetrica
Utilizzo posizione laterale sinistra
Tecnica di illuminazione B-Asymmetric

Asymmetric optic
Use left side position
B-Asymmetric lighting technique

ASW



Ottica asimmetrica emissione larga
Priva di illuminazione sotto palo
Tecnica di illuminazione asimmetrica

Asymmetric optic wide emission
Without under-pole lighting
Asymmetric lighting technique

ASN

Ottica asimmetrica emissione stretta
Priva di illuminazione sotto palo
Tecnica di illuminazione asimmetrica

Asymmetric optic narrow emission
Without under-pole lighting
Asymmetric lighting technique

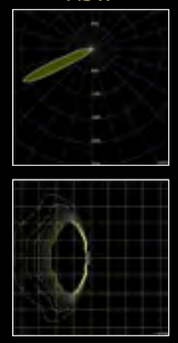
Tutte le ottiche della serie ALO sono compatibili con lo schermo ES - EXTERNAL SHIELD opzionale, che garantisce **0 cd/Klm oltre gamma 90°.**

All the optics of ALO series are compatible with the optional ES - EXTERNAL SHIELD, which guarantees 0 cd/Klm over the 90° range.

LARGE AREA

CCT = 4000 K
CRI ≥ 70
Flicker factor (FF) < 3%

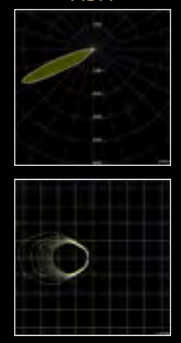
ASW



Ottica asimmetrica emissione larga
Priva di illuminazione sotto palo
Tecnica di illuminazione asimmetrica

Asymmetric optic wide emission
Without under-pole lighting
Asymmetric lighting technique

ASN



Ottica asimmetrica emissione stretta
Priva di illuminazione sotto palo
Tecnica di illuminazione asimmetrica

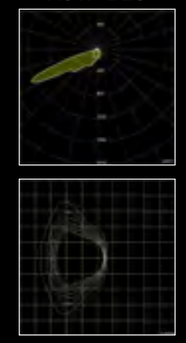
Asymmetric optic narrow emission
Without under-pole lighting
Asymmetric lighting technique

BAC

Ottica asimmetrica emissione molto larga
Con illuminazione sotto palo
Tecnica di illuminazione asimmetrica

Asymmetric optic very wide emission
With under-pole lighting
Asymmetric lighting technique

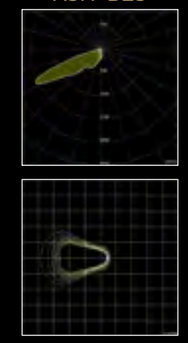
ASW-BES



Ottica asimmetrica emissione larga
Con illuminazione sotto palo
Tecnica di illuminazione asimmetrica

Asymmetric optic wide emission
With under-pole lighting
Asymmetric lighting technique

ASN-BES



Ottica asimmetrica emissione stretta
Con illuminazione sotto palo
Tecnica di illuminazione asimmetrica

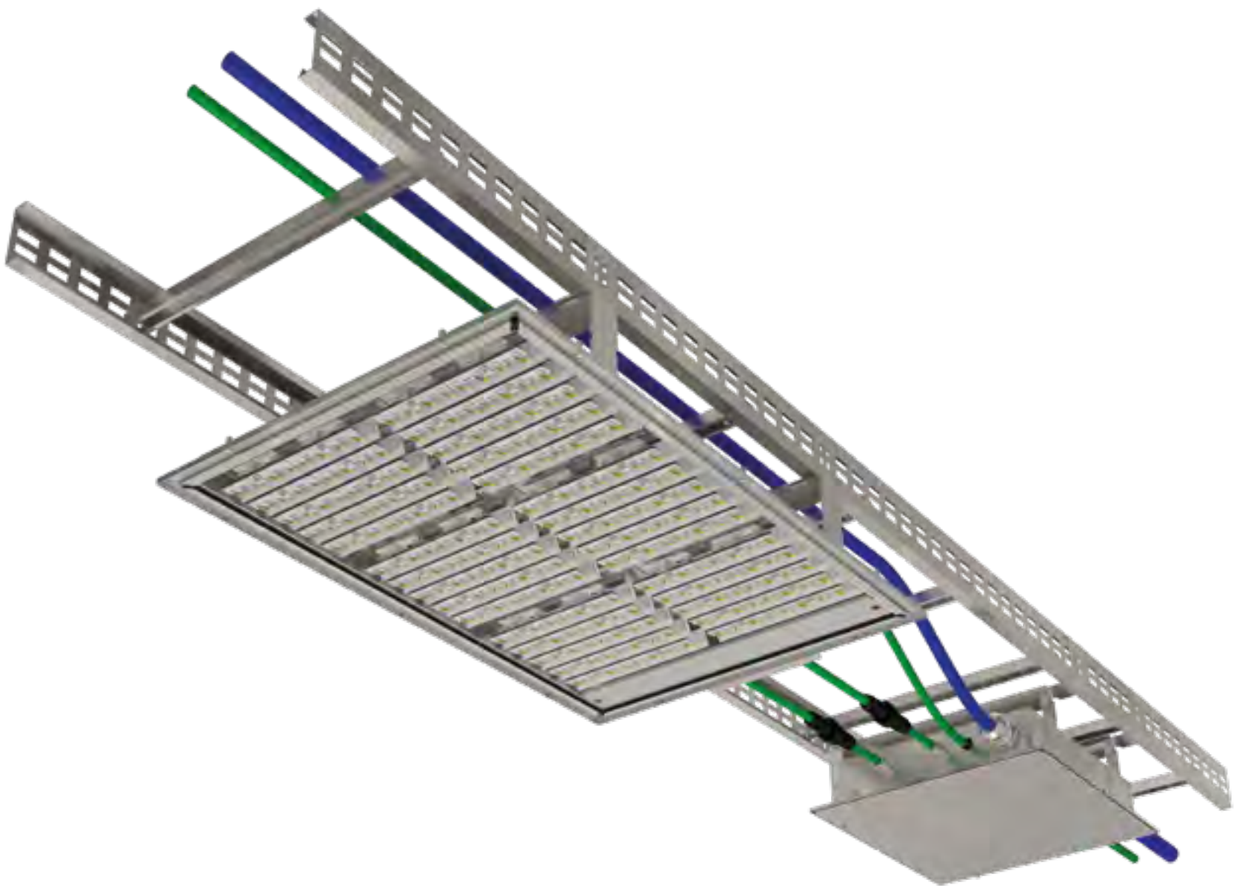
Asymmetric optic narrow emission
With under-pole lighting
Asymmetric lighting technique

Le ottiche ASW e ASN sono compatibili con lo schermo BES - BACK EXTERNAL SHIELD opzionale, che oltre a garantire **0 cd/Klm oltre gamma 90°**, rettifica la distribuzione luminosa, intensificando la **luce sotto e dietro il palo**.

The ASW and ASN optics are compatible with the optional BES BACK EXTERNAL SHIELD, which guarantees 0 cd/Klm over the 90° range and rectifies the light distribution, intensifying the light under and behind the pole.

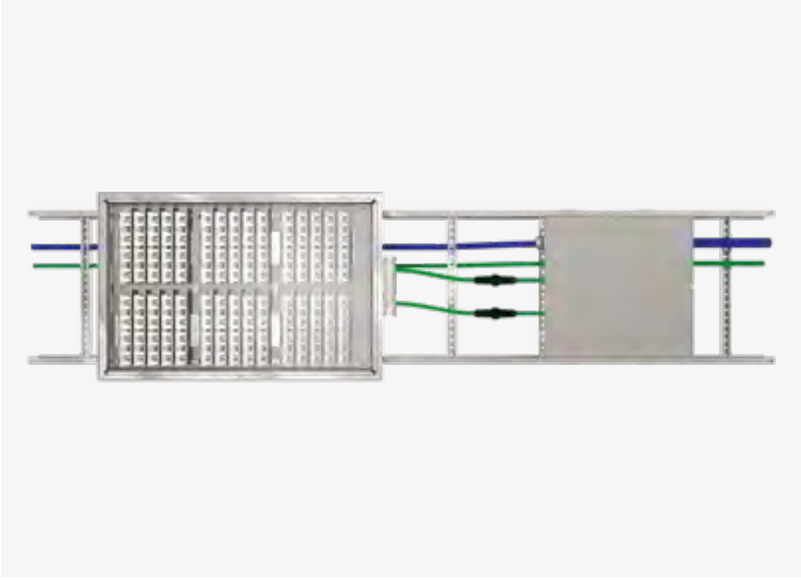
T-LED3

Modello depositato | Registered model

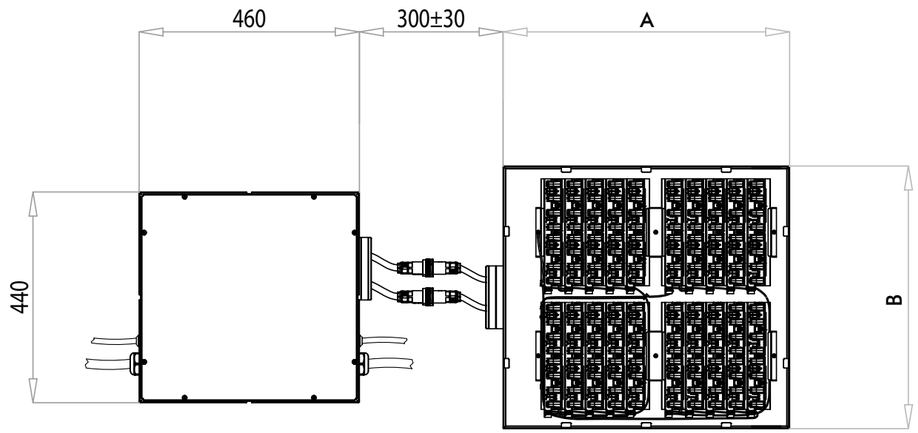


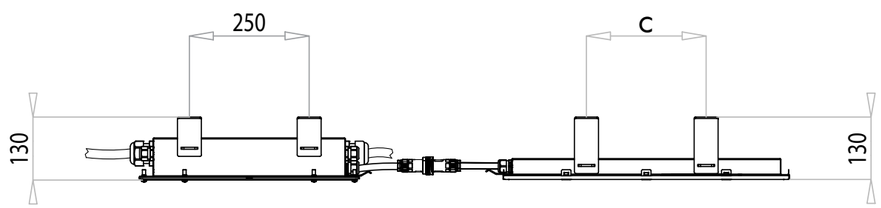
T-LED 3 è il proiettore progettato da AEC per l'illuminazione di tunnel.
Il prodotto si compone di 3 versioni, adatte alle diverse esigenze di installazione.
La serie è composta da: T-LED 3 EBX (utilizzato nella zona di accesso e di uscita per l'illuminazione di rinforzo), T-LED 3 (utilizzato per l'illuminazione permanente in versione compatta) e T-LED 3 SB (utilizzato per l'illuminazione permanente in versione con moduli ottici remoti).

T-LED 3 is the floodlight designed by AEC for tunnel lighting. The product is composed of 3 versions, suitable for different installation needs. The series consists of: T-LED 3 EBX (used in the access and exit areas for reinforcement lighting), T-LED 3 (used for permanent lighting in the compact version) and T-LED 3 SB (used for permanent lighting in version with remote optical modules).

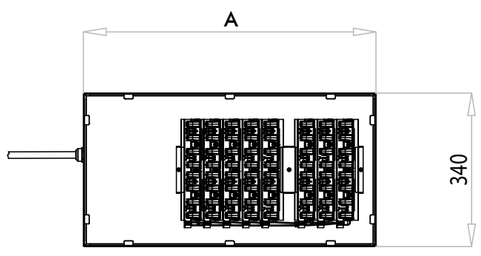


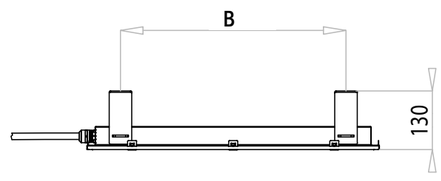
T-LED 3 EBX



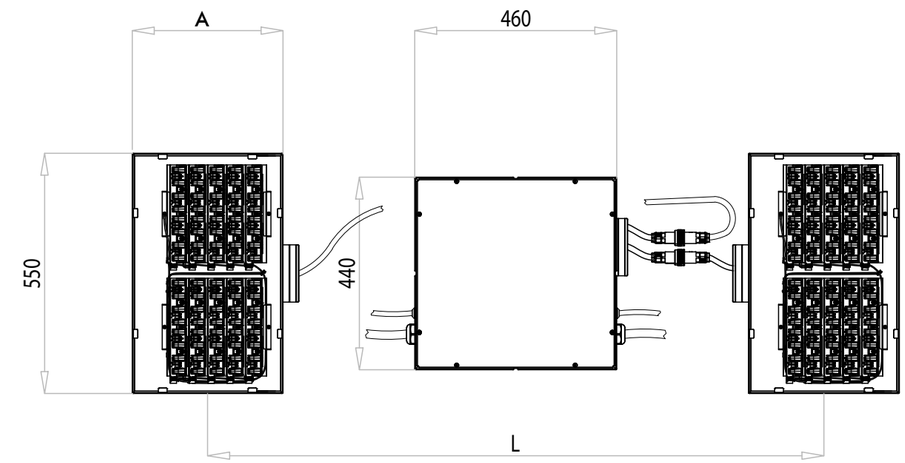


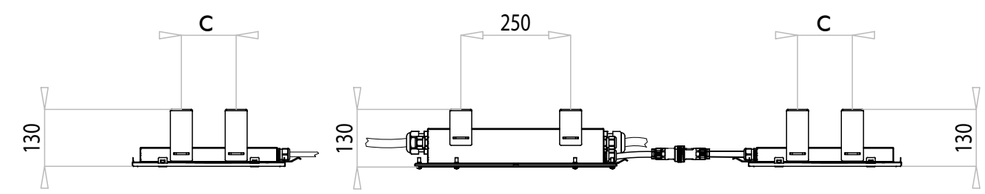
T-LED 3





T-LED 3 SB





T-LED 3 EBX

	A	B	C
T-LED 3 EBX 5M	345	340	125
T-LED 3 EBX 10M	345	550	125
T-LED 3 EBX 20M	600	550	250
T-LED 3 EBX 30M	850	550	500

T-LED 3

	A	B
T-LED 3 1M-2M-3M	390	-
T-LED 3 4M-5M	485	250
T-LED 3 6M-7M-8M	650	500

T-LED SB

	A	B	C
T-LED 3 SB 1M-2M-3M	265	340	-
T-LED 3 SB 4M-5M	345	340	125
T-LED 3 SB 6M-7M-8M	515	340	250
T-LED 3 SB 9M-10M	345	550	125

*TLED 3 SB è disponibile per installazione con 2 o 3 moduli.
**TLED 3 SB is available for installation with 2 or 3 modules.*

1. Røstetunnelen (Norway)

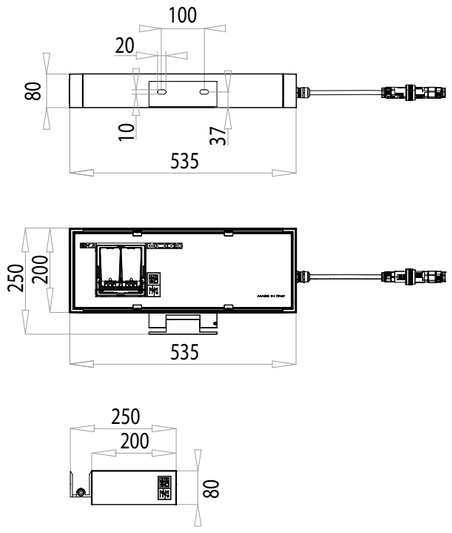
MOD2.0 PRO

Modello depositato | Registered model

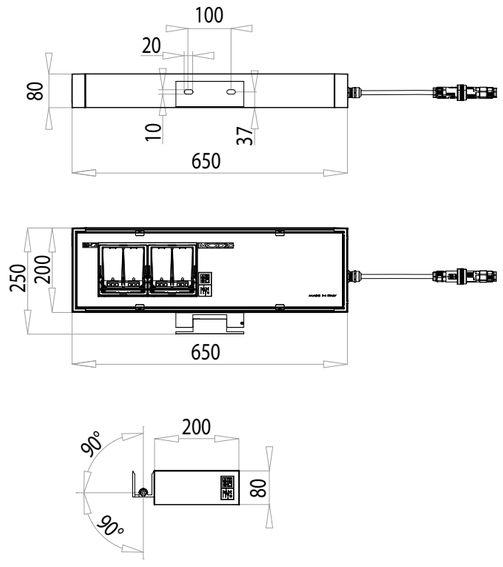
MOD 2.0 nasce anche in versione da proiezione con il nome di **MOD 2.0 PRO**.
AEC Illuminazione ha reso questo prodotto un'eccellente e versatile soluzione da poter installare in più contesti. Il proiettore è disponibile con ottiche asimmetriche multifuoco per illuminazione architetturale ad emissione regolabile.
Il proiettore si presta per molteplici zone d'installazione: edifici architetturali moderni e storici, piazze, sottogronda, portici, monumenti.

*MOD 2.0 series is available also in floodlight version: **MOD 2.0 PRO**. AEC Illuminazione, has designed an excellent and versatile solution that can be installed in different contexts.*
The floodlight has asymmetrical multifocus optics for architectural lighting, with adjustable emission. The product is suitable for different architectural installations: modern and historical architectural buildings, squares, underpass lighting, monuments.

MOD 2.0 PRO 535



MOD 2.0 PRO 650



Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico / at full load).

A++ ENERGY CLASS

HIGH PERFORMANCE OPTIC · EXEMPT GROUP · LED · ENERGY SAVING · DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED:
4000K (3000K e 5700K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

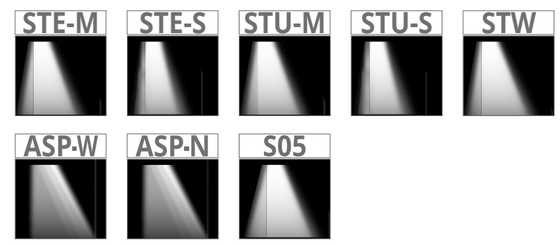
Characteristics

Modular optical system.
LED light source colour temperature:
4000K (optional 3000K and 5700K).
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
***F** Fixed power not dimmable (base version).*
***DA** Automatic dimming (virtual midnight) with default profile.*
***DAC** Custom DA profile.*
***FLC** Constant light flux.*
***WL** Wireless single point communication system.*
***DALI** Digital dimming interface DALI.*
***NEMA** Socket 7 pin (ANSI C136.41).*
***ZHAGA** Socket 4 pin (Book 18).*

Ottiche | *Optics*

MOD 2.0 PRO



Colori | *Colours*

01 Grafite
***01** Graphite*

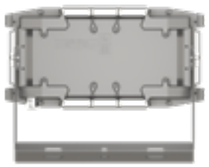
Galileo

Modello depositato | Registered model

Con la serie **Galileo 1**, **2** e **3** AEC propone i nuovi proiettori LED ad elevata potenza. In perfetta linea con i più severi standard qualitativi, Galileo si configura nella composizione fino a 3 moduli e in vari sistemi ottici per l'ottimizzazione energetica di progetti per grandi aree, aeroporti, porti, svincoli autostradali, impianti sportivi piccoli e grandi e installazioni architetturali. La serie è proposta in due diverse tipologie:
• Galileo con box alimentatore integrato;
• Galileo EB con box alimentatore ad installazione remota.

*With **Galileo 1**, **2** and **3** AEC offers efficient LED floodlight with high power. In perfect line with the strictest quality Standard, Galileo is available in 3 modules and different optical systems for energy efficiency projects: wide area, port, airport, junction, small/medium/large sport facilities and architectural lighting. The series is available in two different options:*
• Galileo with integrated gear tray box;
• Galileo EB with remote gear tray box.

Versioni | *Versions*



GALILEO 1
ASP / ASC - 1M
STE / STW / STU / S05 - 2M
Cablaggio integrato nel vano ottico
Control gear inside the optical compartment
Staffa – *Mounting Flange:* A

GALILEO 1
ASP / ASC - 2M 3M
STE / STW / STU / S05 - 4M 6M
Box cablaggio esterno (in alluminio pressofuso) integrato al proiettore
External control gear (die-cast aluminium) inside the floodlight
Staffa – *Mounting Flange:* A

GALILEO 1 EB
ASP / ASC - 2M 3M
STE / STW - 4M 6M
Box cablaggio esterno (in alluminio estruso) integrato al proiettore
External control gear (extruded aluminium) inside the floodlight
Staffa – *Mounting Flange:* A

GALILEO 2
ASC / ASP - 4M 5M 6M
STE / STW - 8M 10M 12M
Box cablaggio esterno (in alluminio pressofuso) integrato al proiettore
External control gear (die-cast aluminium) inside the floodlight
Staffa – *Mounting Flange:* A

GALILEO 2 EB
ASP / ASC - 4M 5M 6M
STE / STW - 8M 10M 12M
Box cablaggio esterno (in alluminio estruso) integrato al proiettore
External control gear (extruded aluminium) inside the floodlight
Staffa – *Mounting Flange:* A

GALILEO 3
ASC / ASP - 7M 8M 9M
Box cablaggio esterno (in alluminio pressofuso) integrato al proiettore
External control gear (die-cast aluminium) inside the floodlight
Staffa – *Mounting Flange:* C

GALILEO 3 EB
ASC / ASP - 7M 8M 9M
Box cablaggio esterno (in alluminio estruso) integrato al proiettore
External control gear (extruded aluminium) inside the floodlight
Staffa – *Mounting Flange:* C

Caratteristiche

Temperatura di colore sorgente LED:
Galileo: 4000K
(in opzione 3000K per ottiche ST - 5700K per ottiche AS);
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

Characteristics

LED light source colour temperature:
***Galileo**: 4000K*
(optional 3000K for optics ST - 5700K for optics AS);
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
***F** Fixed power not dimmable (base version).*
***DA** Automatic dimming (virtual midnight) with default profile.*
***DAC** Custom DA profile.*
***FLC** Constant light flux.*
***WL** Wireless single point communication system.*
***DALI** Digital dimming interface DALI.*
***NEMA** Socket 7 pin (ANSI C136.41).*
***ZHAGA** Socket 4 pin (Book 18).*

Colori | *Colours*

01 Grafite
***01** Graphite*

Classe di isolamento | *Insulation class*: I-II
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525-700 mA.

Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

05 HIGH PERFORMANCE OPTIC EXEMPT GROUP LED ENERGY SAVING DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

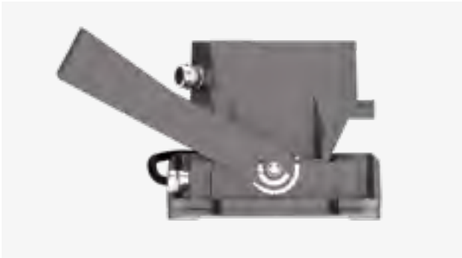
3

1. Monfalcone (Italy)
2. Ancona (Italy)
3. Jordalen Ski jumping Arena (Norway)
4. Jordalen Ski jumping Arena (Norway)

GALILEO

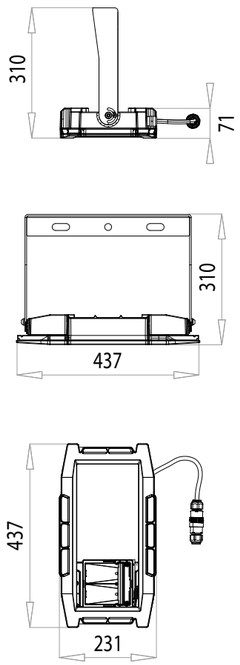
Galileo è un sistema d'illuminazione a LED funzionale, efficiente e con ottime prestazioni. La sua modularità rende la serie adatta a diverse tipologie di applicazione. Il proiettore Galileo può infatti essere scelto per progetti d'illuminazione architetturale, grandi aree o impianti sportivi.

Galileo *is an efficient, functional and safer LED lighting system. Its modularity makes the floodlight suitable for the most different lighting applications. Galileo represents the right solution for architectural, wide area and sport facilities LED lighting.*

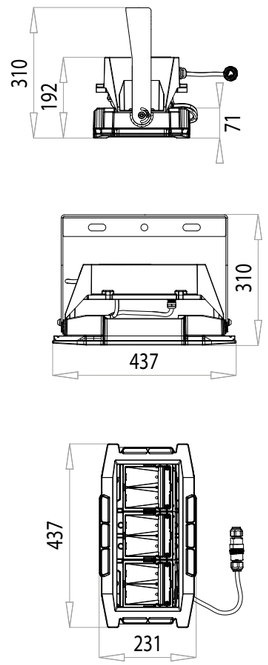


4

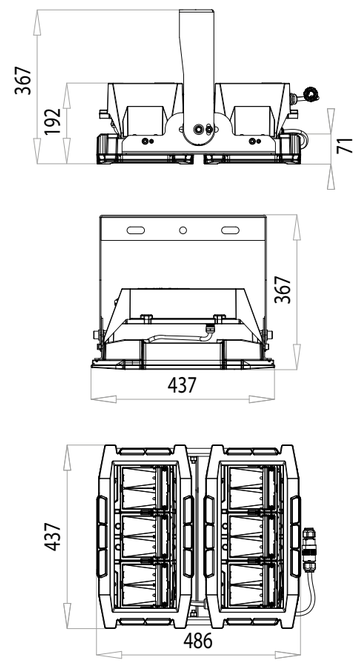
GALILEO 1
*Cablaggio integrato |
Integrated control gear



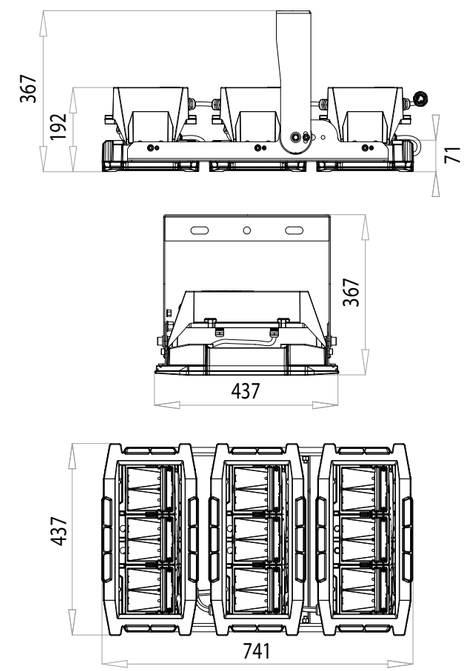
GALILEO 1



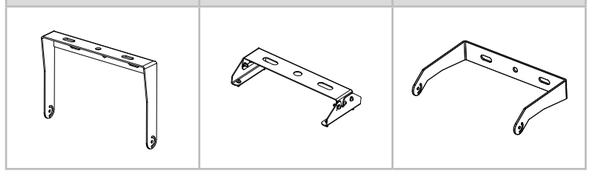
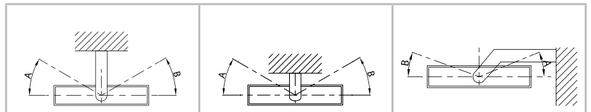
GALILEO 2



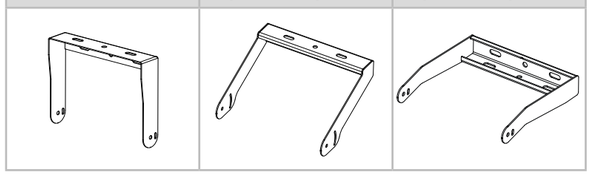
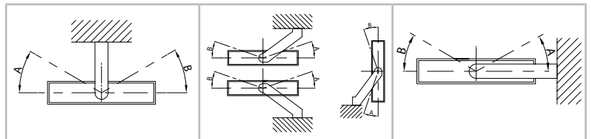
GALILEO 3



GALILEO 1 **STAFFE - MOUNTING STAND**

A Standard	B Opzionale *(Optional)*	G Opzionale *(Optional)*
		
		
A=90° | **B**=90°	**A**=10° | **B**=10°	**A**=20° | **B**=85°

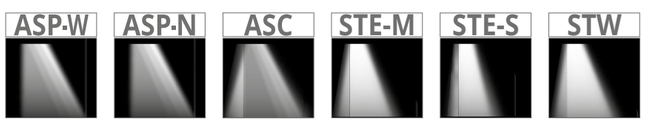
GALILEO 2-3 **STAFFE - MOUNTING STAND**

C Standard	D Opzionale *(Optional)*	E Opzionale *(Optional)*
		
		
A=15° | **B**=15°	**A**=25° | **B**=25°	**A**=5° | **B**=15°

Ottiche | *Optics*

GALILEO 1

GALILEO 2



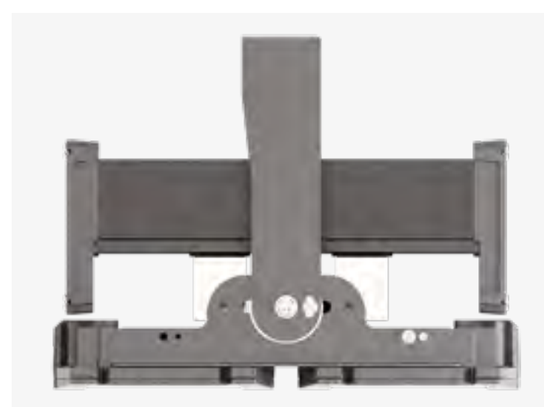
GALILEO 3

5. Melbourne Airport (Australia)

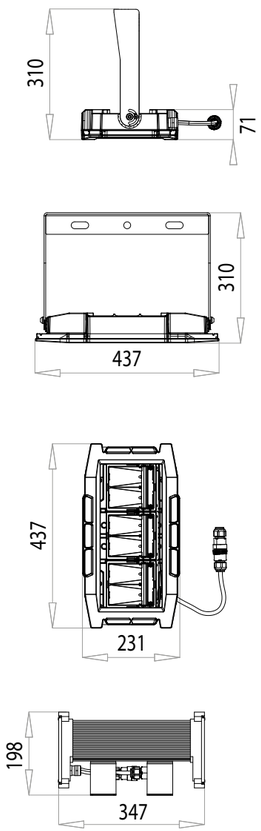
GALILEO EB

Galileo può essere installato su torri faro in aree stoccaggio e deposito merci, cantieri navali, zone di stazionamento aeroportuali e parcheggi. L'abbagliamento ridotto e l'alto indice di resa cromatica che lo caratterizzano, rendono ottimali le condizioni visive di chi lavora e transita in queste zone, migliorando al tempo stesso l'efficacia dei video di sorveglianza.

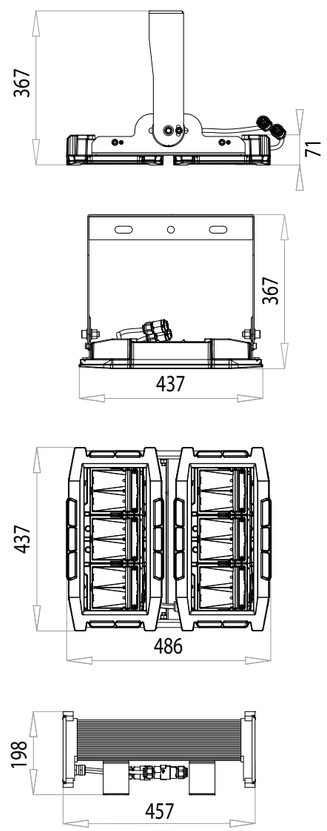
Galileo *can be installed on light towers in wide area like shipyards, storage areas, airport and parking. The reduced dazzling and the high colour rendering index which feature the floodlight, make the visual condition perfect and excellent, improving the efficiency of surveillance videos.*



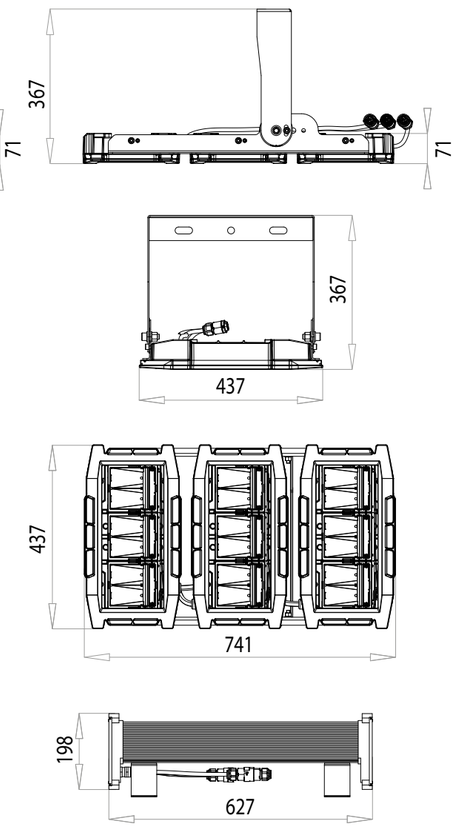
GALILEO 1 EB



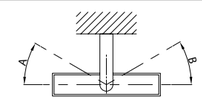
GALILEO 2 EB



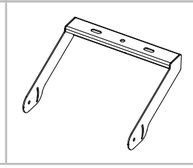
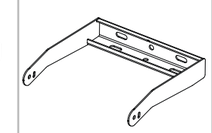
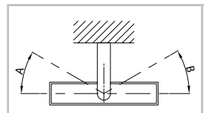
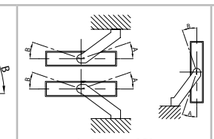
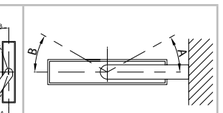
GALILEO 3 EB



GALILEO 1 EB **STAFFE - MOUNTING STAND**

A **Standard**	
	 **A**=90° | **B**=90° (Box cablaggio remoto - Remote control gear box) **A**=15° | **B**=15° (Box cablaggio integrato - Integrated control gear box)

GALILEO 2-3 EB **STAFFE - MOUNTING STAND**

C **Standard**	D **Opzionale *(Optional)***	E **Opzionale *(Optional)***
		
 **A**=15° | **B**=15°	 **A**=25° | **B**=25°	 **A**=5° | **B**=15°

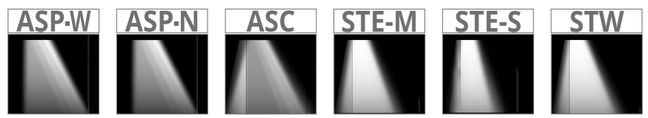
Colori | *Colours*

01 Grafite
01 *Graphite*

Ottiche | *Optics*

GALILEO 1 EB

GALILEO 2 EB



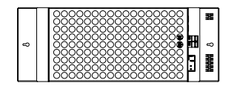
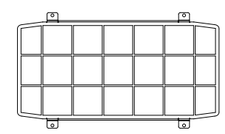
GALILEO 3 EB

6

7

6. Bagnolo di Po (Italy)
7. Porto di Ancona (Italy)

ACCESSORI SERIE GALILEO
ACCESSORIES GALILEO SERIES

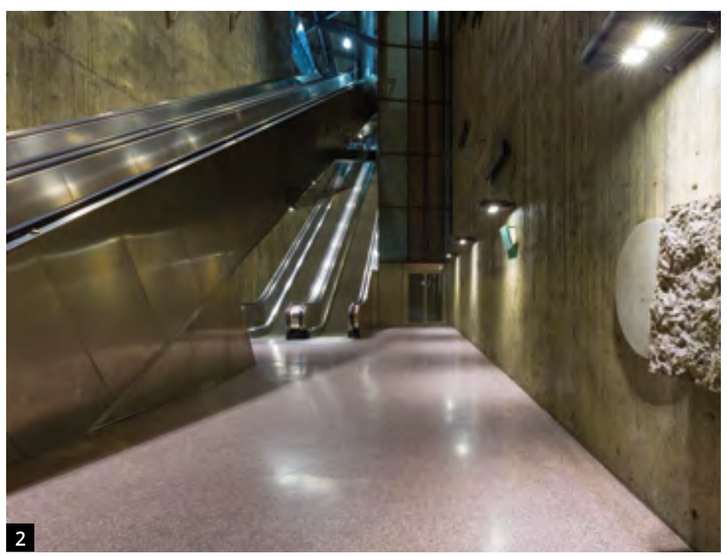
DISEGNO TECNICO TECHNICAL DRAWING	CODICE CODE	DIMENSIONE DIMENSION	APPLICAZIONE APPLICATION
	650x240x160	GALILEO 3 EB	Kit cablaggio max 700W - dim. 650x240x160 - da integrare nel quadro elettrico remoto. 1 kit box per ogni apparecchio modello Galileo 3. *Control gear kit max 700W - dim. 650x240x160 - to be integrated in remoting feeding panel. One kit for each Galileo 3.*
	396x280x190	GALILEO 1	Attacco testa palo Ø60 per staffa A. *Post top Ø60 for mounting stand A.*
	370x212x6,5	GALILEO 1, 2, 3 GALILEO 1 EB, 2 EB, 3 EB	Griglia antivandalo per protezione schermi proiettore. *Anti-vandal grid for the protection of floodlight screen.*
	352x159x4	GALILEO 1, 2, 3 GALILEO 1 EB, 2 EB, 3 EB	Vetro satinato. *Satiny glass.*

Modello depositato | Registered model

Q3 PRO e **Q5 PRO** fanno parte del sistema Q QUADRO qui proposto per applicazioni da proiezione. L'apparecchio si differenzia per potenze e dimensioni, offrendo un'ampia scelta di ottiche ad uso e consumo dei professionisti del settore chiamati a scegliere tra la versione LED o quella a sorgenti luminose tradizionali. Il sistema **Q-MULTI-PRO** permette di comporre gruppi di 5/6 proiettori. La linea di proiettori QPRO vanta un disegno compatto, linee ben definite e ottime prestazioni illuminotecniche.

Q3 PRO *and* ***Q5 PRO*** *are part of the Q QUADRO systems recommended here for projection applications. The units of the range are available in different powers and sizes, providing the professionals of the sector with a wide range of optics for their own use, and giving them the possibility of choosing between the LED and the traditional lighting source versions.*
The ***Q-MULTI-PRO*** *system gives the possibility of creating groups of 5 to 6 Q5 PRO projectors on towers of 12m to 16m. The QPRO range features a compact design, well defined lines and excellent lighting performance.*

1

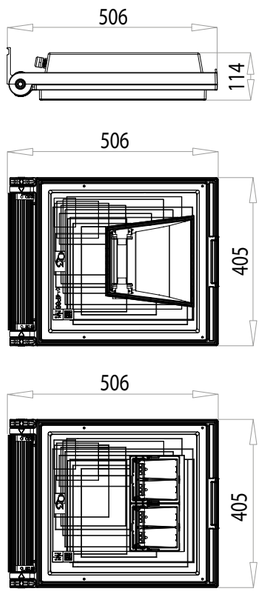


2

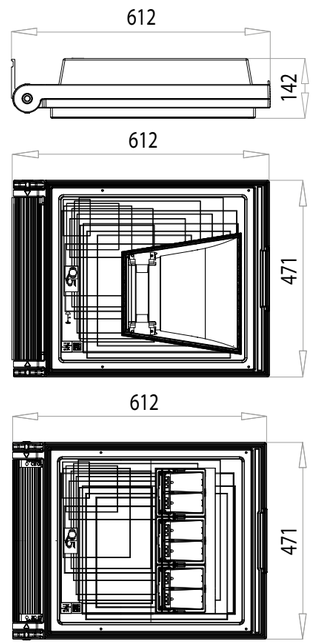
1. Oslo (Norway)
2. Oslo (Norway)
3. Arezzo (Italy)

3

Q3 PRO

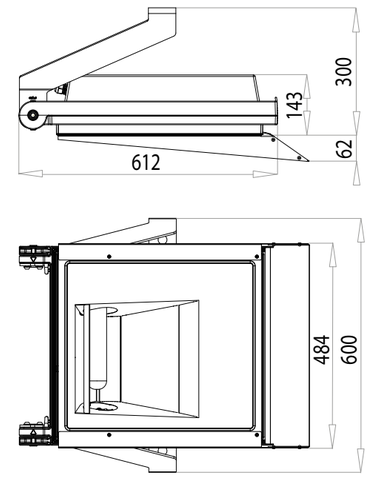


Q5 PRO



Q5 PRO 600W

SPECIFICHE “AUTOSTRADE PER L’ITALIA”.
DESIGNED FOR “ITALIAN ROAD AUTHORITY”.



Classe di isolamento | *Insulation class*: II
(I in opzione/optional).
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

EK 05 · HIGH PERFORMANCE OPTIC · EXEMPT GROUP · HID · LED · ENERGY SAVING · DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell’ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Caratteristiche

Temperatura di colore sorgente LED:
4000K (5700K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK09.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

Characteristics

LED light source colour temperature:
4000K (optional 5700K).
CRI ≥70.
IP66 Protection degree.
Mechanical resistance IK09.

Dimming options:
F *Fixed power not dimmable (base version).*
DA *Automatic dimming (virtual midnight) with default profile.*
DAC *Custom DA profile.*
FLC *Constant light flux.*
WL *Wireless single point communication system.*
DALI *Digital dimming interface DALI.*
NEMA *Socket 7 pin (ANSI C136.41).*
ZHAGA *Socket 4 pin (Book 18).*

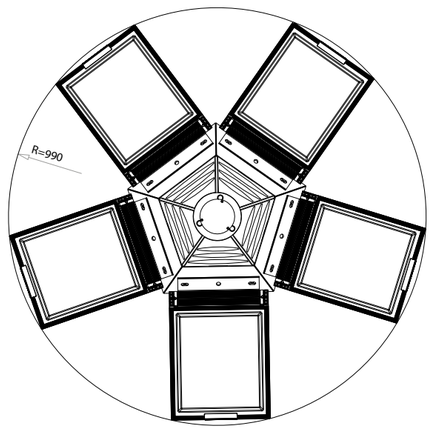
Ottiche | *Optics*

Q PRO LED

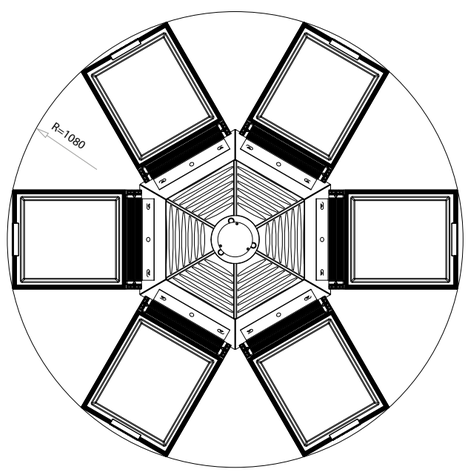
Colori | *Colours*

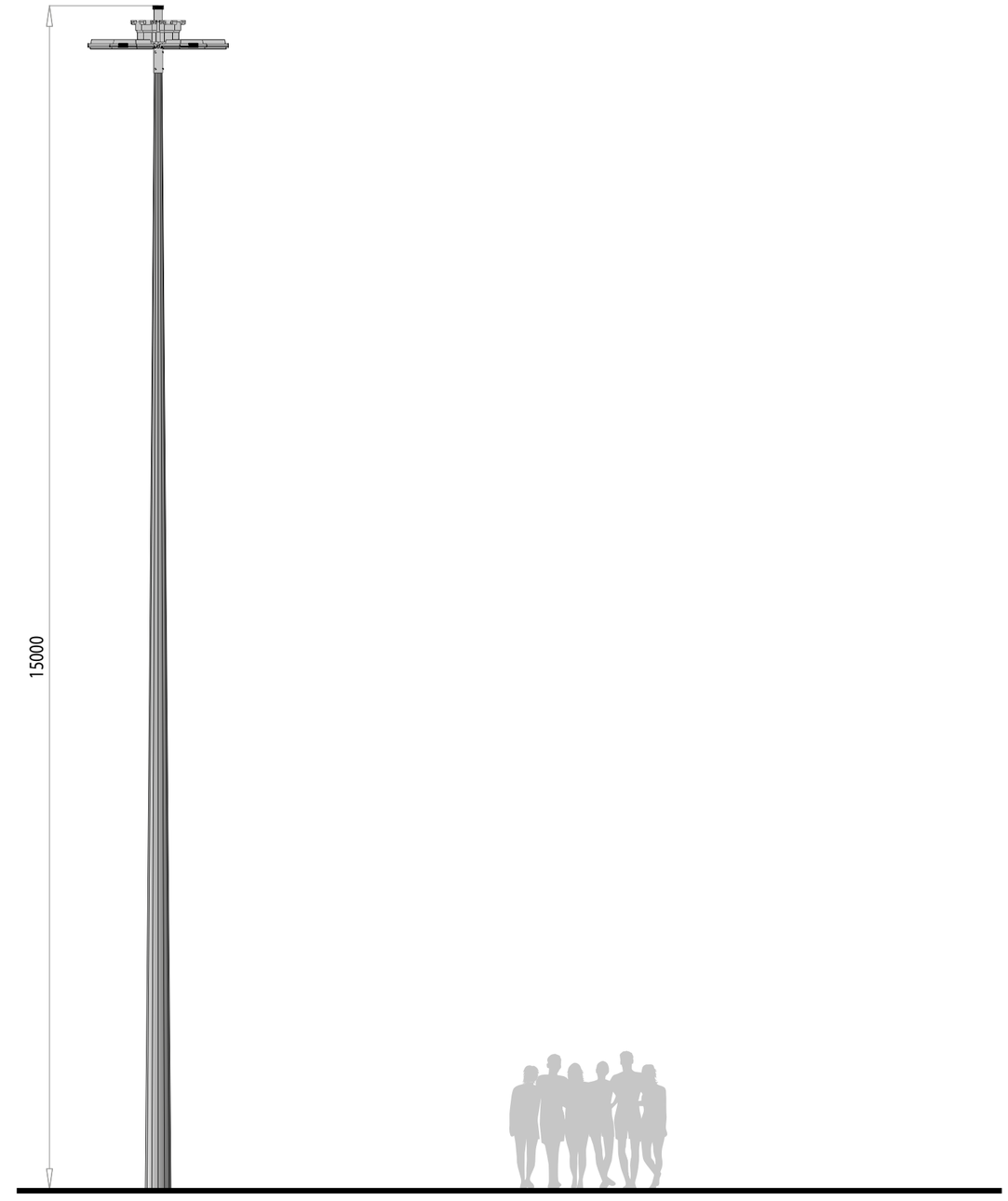
01 Grafite
01 *Graphite*

Q-MULTI-PRO 5



Q-MULTI-PRO 6





Urbano | *Urban*

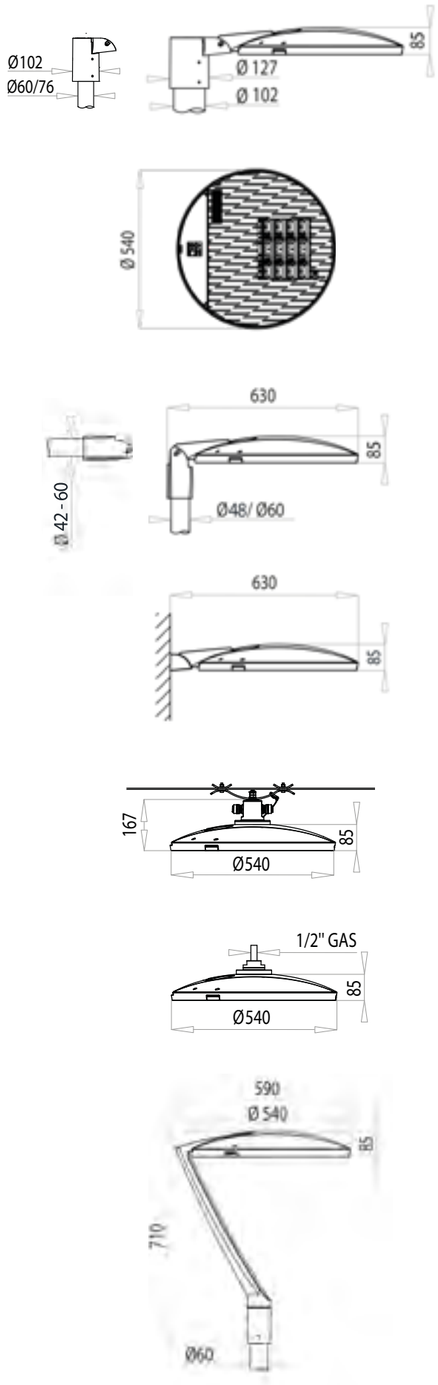
COMPASS

Modello depositato | Registered model

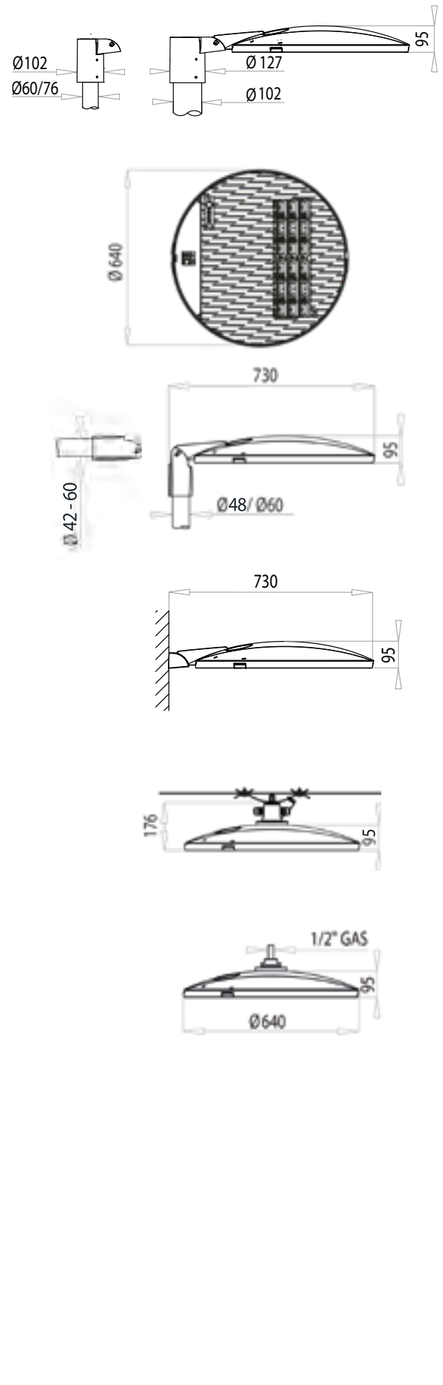
COMPASS è una serie per illuminazione urbana e stradale dal design moderno e funzionale. Il corpo illuminante offre un'elevata efficienza energetica ed è dotato di ottiche in alluminio, che garantiscono un elevato comfort visivo e un'elevata efficienza.
La serie COMPASS rappresenta la perfetta soluzione di design per qualsiasi progetto di illuminazione urbana e stradale, garantendo qualità ed elevate prestazioni, con ridotta manutenzione ed è disponibile in due dimensioni. **COMPASS 1** e **COMPASS 2** dispongono di numerose tipologie di ottiche per ogni applicazione urbana e stradale.

COMPASS *is a series for urban and street lighting with a modern and functional design.*
The lighting luminaire offers high energy efficiency and is equipped with aluminum optics, which offers high visual comfort and high efficiency.
The COMPASS series represents the perfect design solution for any urban and street lighting project, high quality and high performance, with reduced maintenance and is available in two sizes. ***COMPASS 1*** *and* ***COMPASS 2*** *requests for numerous types of optics for every urban and street application.*

COMPASS 1



COMPASS 2

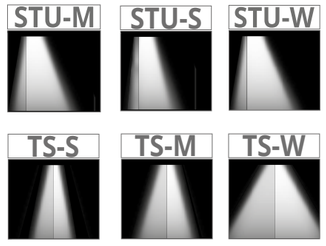


Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current:* 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.9 (a pieno carico/*at full load*).

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Ottiche | *Optics*

COMPASS



Colori | *Colours*

01 Grafite
01 *Graphite*

Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED:
4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

Characteristics

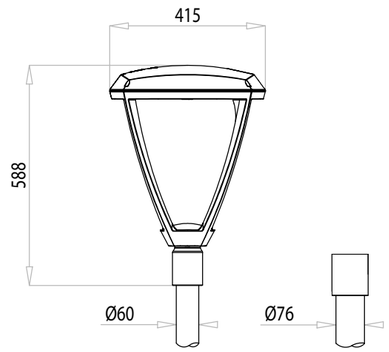
Modular optical system.
LED light source colour temperature:
4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

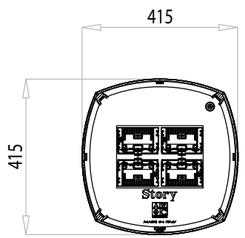
Dimming options:
F *Fixed power not dimmable (base version).*
DA *Automatic dimming (virtual midnight) with default profile.*
DAC *Custom DA profile.*
FLC *Constant light flux.*
WL *Wireless single point communication system.*
DALI *Digital dimming interface DALI.*
NEMA *Socket 7 pin (ANSI C136.41).*
ZHAGA *Socket 4 pin (book 18).*

Story

La lanterna **STORY** presenta una forma tradizionale a quattro facce e risulta la soluzione ottimale sia per applicazioni in luoghi moderni che tradizionali.
STORY si caratterizza anche e soprattutto per performance di alto livello grazie alla più recente tecnologia LED sviluppata da AEC ILLUMINAZIONE.
La lanterna STORY offre un'elevata efficienza energetica ed è dotata di ottiche in alluminio che garantiscono un elevato comfort visivo privo di abbagliamento.
Questo innovativo sistema ottico assicura benessere visivo ed elevata qualità dello spazio.

The STORY lantern has a traditional four-sided shape and is the optimal solution both for applications in modern and traditional places. STORY is also and above all characterized by high-level performance thanks to the latest LED technology developed by AEC ILLUMINAZIONE.
The STORY lantern offers high energy efficiency and is equipped with aluminum optics that guarantee high visual comfort without glare. This innovative optical system ensures visual well-being and high quality space.





Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico / at full load).

A++ ENERGY CLASS

HIGH PERFORMANCE OPTIC · EXEMPT GROUP · LED · ENERGY SAVING · DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED:
4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (ZHAGA book 18).

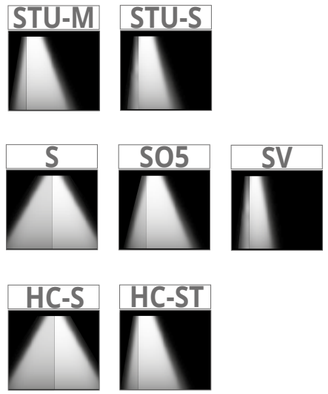
Characteristics

Modular optical system.
LED light source colour temperature:
4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
F *Fixed power not dimmable (base version).*
DA *Automatic dimming (virtual midnight) with default profile.*
DAC *Custom DA profile.*
FLC *Constant light flux.*
WL *Wireless single point communication system.*
DALI *Digital dimming interface DALI.*
NEMA *Socket 7 pin (ANSI C136.41).*
ZHAGA *Socket 4 pin (Book 18).*

Ottiche | *Optics*

STORY



Colori | *Colours*

01 Grafite
01 *Graphite*

ECO•RAYS

Modello depositato | Registered model

ECORAYS è sinonimo di efficienza e risparmio energetico. Il corpo illuminante conferisce all'ambiente urbano una luce confortevole e contraddistinta dall'eccellente prestazione fotometrica. La serie richiama il costante impegno dell'Azienda verso soluzioni eco-sostenibili volte al massimo efficientamento energetico. ECORAYS è disponibile in differenti soluzioni d'installazione: testa palo (TP), su braccio (BR) o in versione tesata. La versione S è compatibile con le mensole della serie AEC urbano.

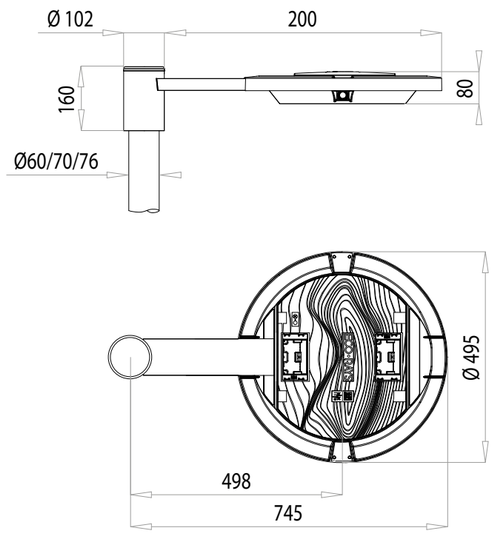
ECORAYS *is synonymous with efficiency and energy savings. The luminaire provides urban landscape with comfortable and homogenous light with excellent photometry performance. This series represents the continuous commitment of AEC to sustainable solutions in order to reach the best results in terms of energy efficiency. ECORAYS series is composed of different installation solutions: post-top (TP), bracket (BR) or in suspended version (S).*
The suspended version can be installed with brackets from AEC urban series.

1

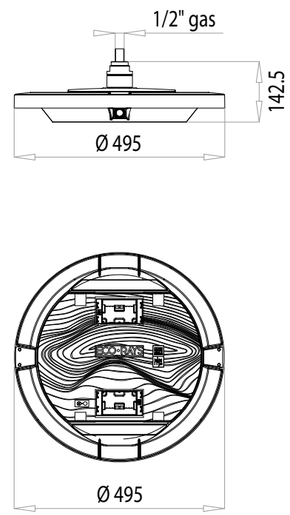
2

1. Grottammare (Italy)
2. Endine Gaiano (Italy)

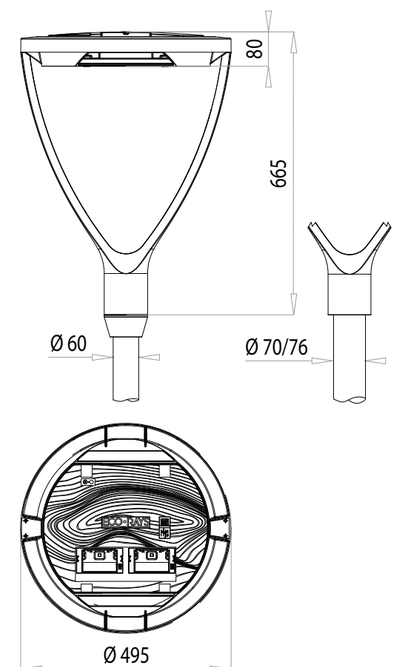
ECORAYS BR



ECORAYS S



ECORAYS TP



Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

HIGH PERFORMANCE OPTIC · 05 · EXEMPT GROUP · LED · ENERGY SAVING · DIM

ZD4

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Ecorays con vetro satinato Comfort
Ecorays with satinized Comfort screen

Caratteristiche

Temperatura di colore sorgente LED:
4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom 1 Step.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (ZHAGA book 18).

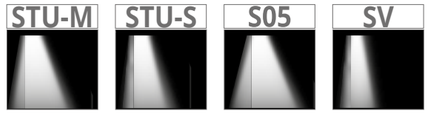
Characteristics

LED light source colour temperature:
4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
F *Fixed power not dimmable.*
DA *Automatic dimming (virtual midnight) with default profile.*
DAC *Custom DA profile 1 step.*
FLC *Constant light flux.*
WL *Wireless single point communication system.*
DALI *Digital dimming interface DALI.*
NEMA *Socket 7 pin (ANSI C136.41).*
ZHAGA *Socket 4 pin (ZHAGA book 18).*

Ottiche | *Optics*

ECORAYS BR - S



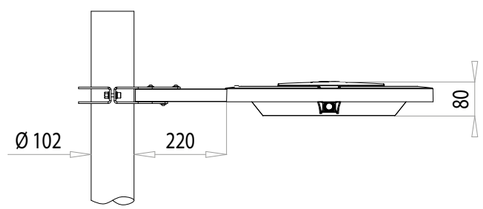
ECORAYS TP

Colori | *Colours*

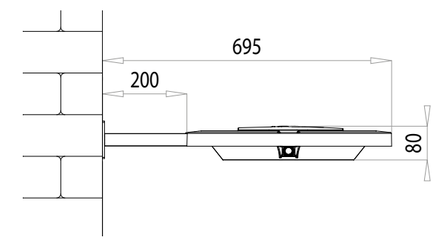
01 Grafite
01 *Graphite*

BRACCI | *BRACKETS*

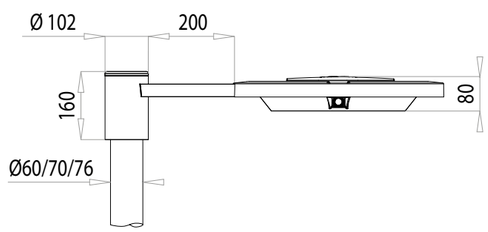
SERIE | SERIES **MBC**

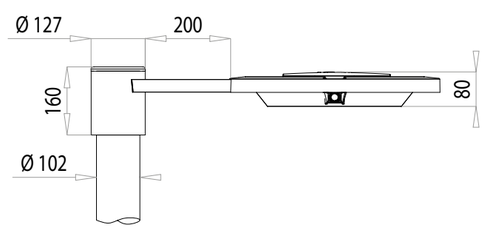


SERIE | SERIES **MBM**

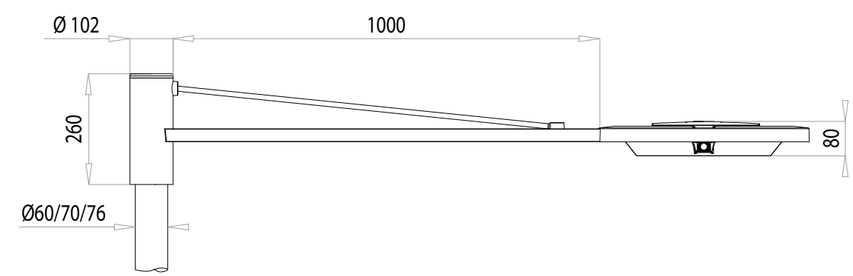


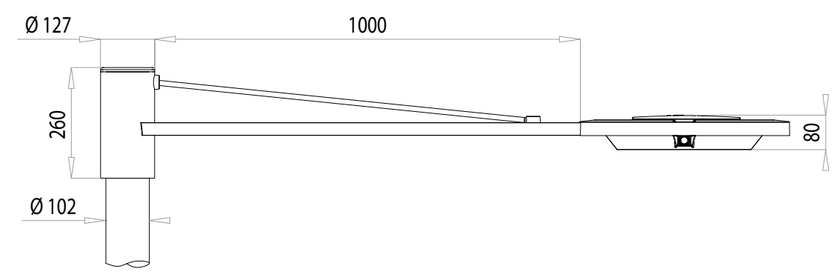
SERIE | SERIES **MBT 1.02**

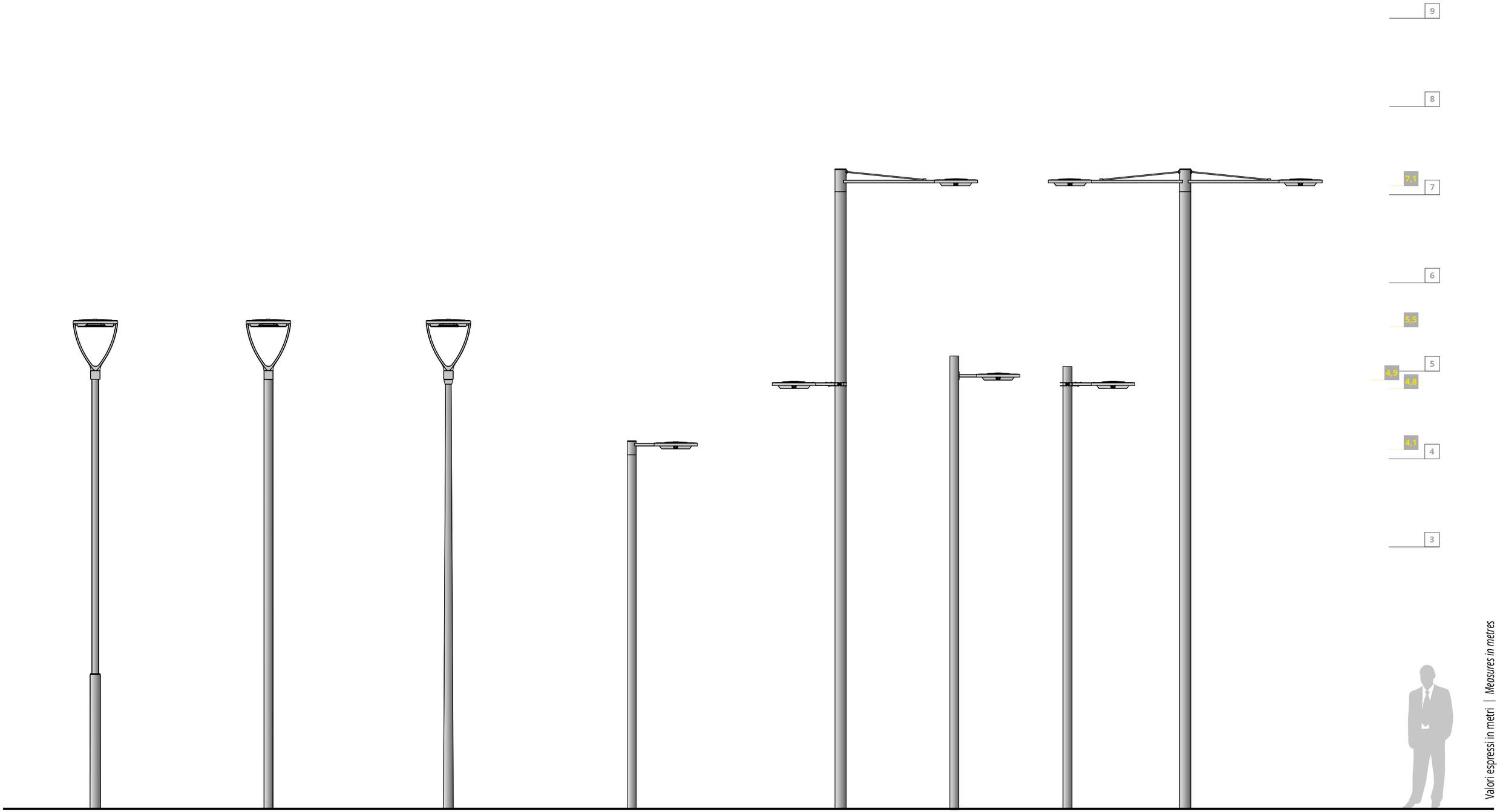




SERIE | SERIES **MBT 1.10**



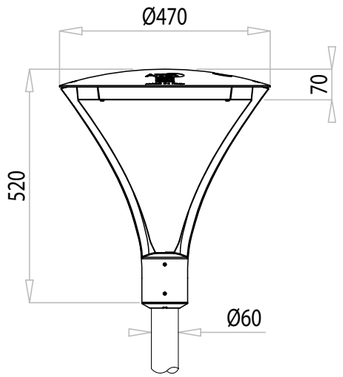


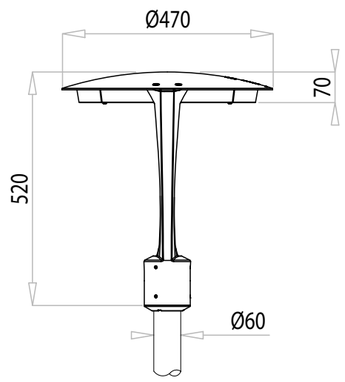

9
8
7,1
7
6
5,5
5
4,9
4,8
4,1
4
3
Valori espressi in metri | Meosures in metres

ARYA

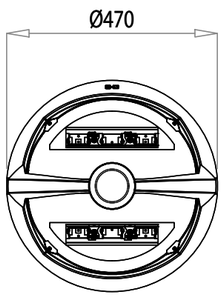
ARYA è l'apparecchio di AEC per illuminazione stradale e urbana a tecnologia LED.
Il prodotto è caratterizzato da una linea sottile ed legante. Composto da due braccia che sorreggono il corpo centrale nella versione TP, ARYA garantisce eccellenti risultati in termini di performance energetica e luce comfort diffusiva grazie alle sue specifiche ottiche progettate su misura dal reparto interno AEC Optical Department. Il suo design elegante e minimal permette a progettisti e architetti di migliorare ambienti urbani creando un aspetto moderno, sicuro ed efficiente. ARYA è un prodotto multifunzionale destinabile sia in contestici storici che più moderni. Il prodotto nasce infatti per illuminare centri cittadini, parchi, piazze, aree residenziali e allo stesso tempo strade principali.
Disponibile in versione testa palo, tesata e sospensione.

ARYA is the new AEC luminaire for street and urban LED lighting. The product is characterized by a thin, elegant and simple design. Composed by two thin brackets that support the body, ARYA assures excellent energy performance results and a comfort light, thanks to its specific optics designed by the internal AEC Optical Department. Its elegant and minimal design, allows architects and designer to improve urban environment creating a modern, safer and efficient aspect. ARYA is a multifunctional product for both historical and modern area. The product is born to light up city centre, parks, squares, residential area and main streets.

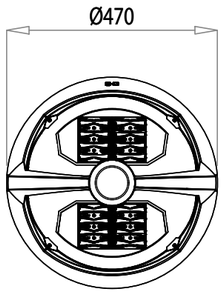




SISTEMA
OTTICO PIXLED
Pixled optical system



SISTEMA
OTTICO HYPER
COMFORT
Hyper Comfort optical system



Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.9 (a pieno carico / at full load).

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED:
4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom.
FLC Flusso luminoso costante.
DALI Interfaccia di dimmerazione digitale DALI.
ZHAGA Presa 4 pin (ZHAGA book 18).
TELECONTROLLO: Telecontrollo punto/punto ad onde radio disponibile con opzione Zhaga (necessario nodo esterno WL-ZHAGA).

Characteristics

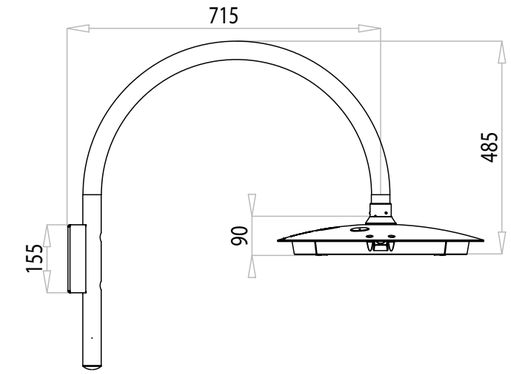
Modular optical system.
LED light source colour temperature:
4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
***F** Fixed power not dimmable (base version).*
***DA** Automatic dimming (virtual midnight) with default profile.*
***DAC** Custom DA profile.*
***FLC** Constant light flux.*
***DALI** Digital dimming interface DALI.*
***ZHAGA** Socket 4 pin (ZHAGA book 18).*
***TELEMANAGEMENT:** Wireless single point communication system available with Zhaga option (external node WL-ZHAGA is necessary).*

S - MPA

SOSPENSIONE SU BRACCIO
Installazione di ARYA in versione sospesa su specifico braccio MPA.

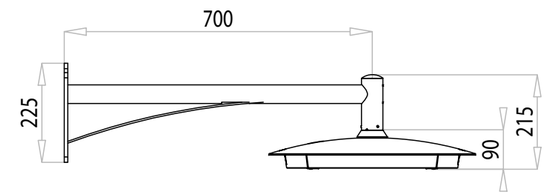
SUSPENDED ON BRACKET
Installation of ARYA in suspended version on specific bracket MPA.

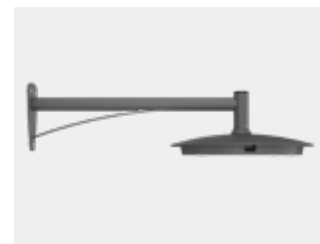


S - MZA

SOSPENSIONE SU BRACCIO
Installazione di ARYA in versione sospesa su specifico braccio MZA.

SUSPENDED ON BRACKET
Installation of ARYA in suspended version on specific bracket MZA.

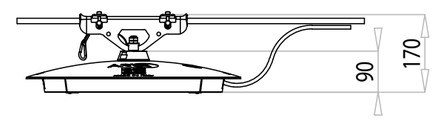


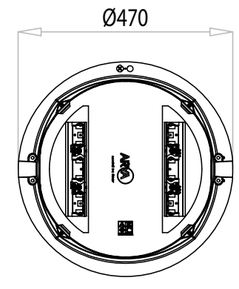


TS

TESATA
Installazione di ARYA in versione tesata su cavo ø5-12mm.

SUSPENDED ON CABLE
Installation of ARYA suspended on cable Ø5-12mm.





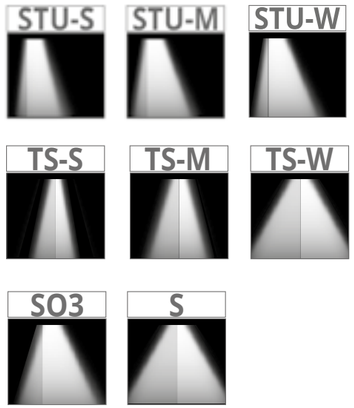
ARYA
è un prodotto certificato Zhaga-D4i.

ARYA è un prodotto certificato **Zhaga D4i Luminaire**. L'importante certificazione Zhaga-D4i garantisce l'interoperabilità plug&play futura, tra apparecchi di illuminazione e nodi di controllo, permettendo di realizzare una rete aperta a prova di futuro.

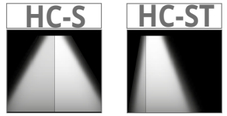
ARYA is a Zhaga D4i Luminaire certified product. The important Zhaga-D4i certification guarantees future plug & play interoperability between lighting fixtures and control nodes, allowing for a truly future-proof open network.

Ottiche | *Optics*

PIXLED



HYPER COMFORT



MOD2.0 URBAN

Modello depositato | Registered model

MOD 2.0 è il nuovo restyling di XMOD: un prodotto ridisegnato completamente con un design aggiornato, ottiche ancor più performanti e con molte versioni in più rispetto al precedente.
MOD 2.0 URBAN è composto da MOD 2.0 Urban 200 e MOD 2.0 Urban 250.
Ogni versione ha 3 tipologie di supporto:
RX2 (palo rettangolare 200x80) o RX3 (palo rettangolare 250x100);
TP (testa palo su palo cilindrico);
AC (attacco collare su palo cilindrico).
Il prodotto è stato progettato con nuove tecnologie che permettono di ottenere migliori performance e un'eccellente resa nella distribuzione della luce.

MOD 2.0 *is the new version of XMOD. A product with a new avant-garde design, new optics and nex fixings. MOD 2.0 URBAN is composed of MOD 2.0 Urban 200 and MOD 2.0 Urban 250.*
Each version has 3 types of fixing:
RX2 (on rectangular pole 200x80) or RX3 (on rectangular pole 250x100);
TP (post top on cylindrical pole);
AC (collar fixing on cylindrical pole).
The product has been updated with new technologies which allow to have better performance and an excellent result for light distribution.

Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED:
4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

Characteristics

Modular optical system.
LED light source colour temperature:
4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
F *Fixed power not dimmable (base version).*
DA *Automatic dimming (virtual midnight) with default profile.*
DAC *Custom DA profile.*
FLC *Constant light flux.*
WL *Wireless single point communication system.*
DALI *Digital dimming interface DALI.*
NEMA *Socket 7 pin (ANSI C136.41).*
ZHAGA *Socket 4 pin (Book 18).*

Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*:
220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

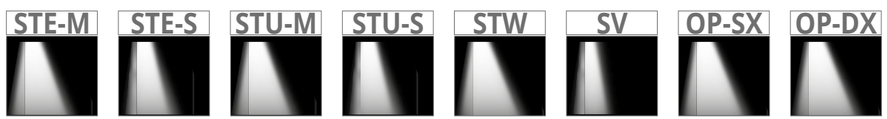
A++ ENERGY CLASS

HIGH PERFORMANCE OPTIC · EXEMPT GROUP · LED · ENERGY SAVING · DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.*AEC product range is developed according to the strictest standard related to the environmental impact.*

Ottiche | *Optics*

MOD 2.0 URBAN 200



MOD 2.0 URBAN 250

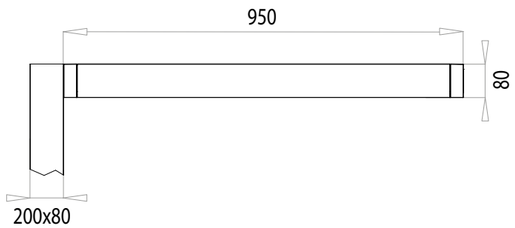
Colori | *Colours*

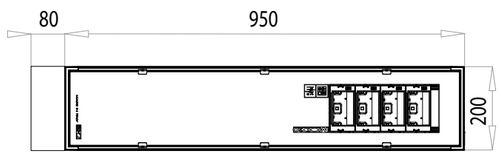
01 Grafite
01 *Graphite*

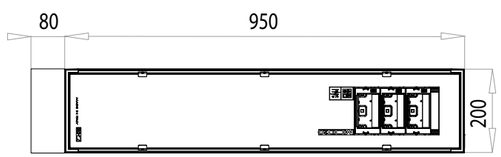
1. Merezzate (Italy)

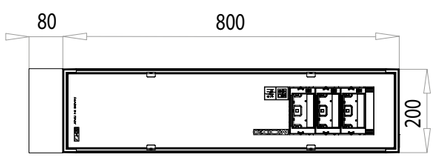
MOD 2.0 URBAN 200 - RX2

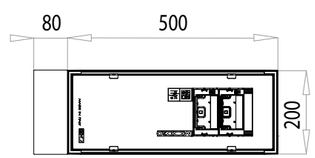
Attacco RX su palo rettangolare | *RX fixing on rectangular pole*

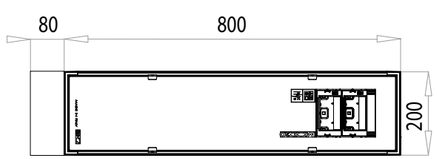


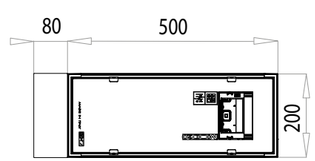


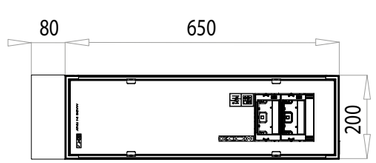


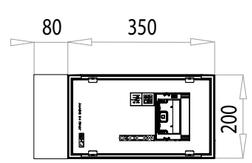






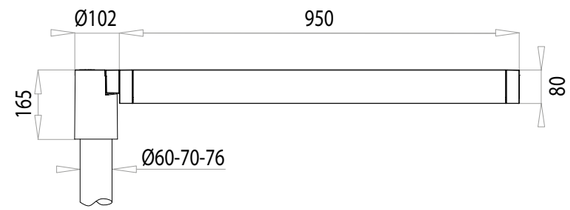


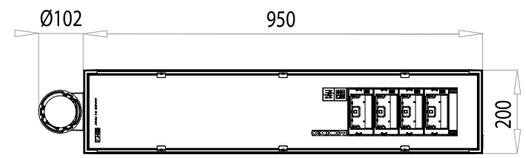


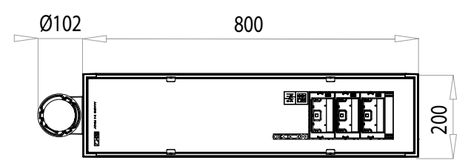


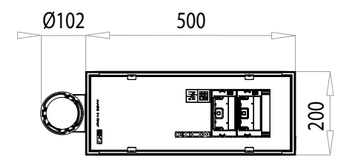
MOD 2.0 URBAN 200 - TP

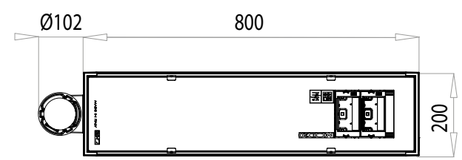
Attacco su palo Ø60-70-76 | *Fixing on pole Ø60-70-76*

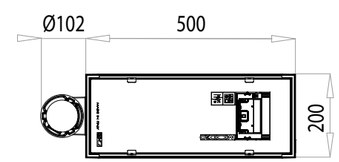


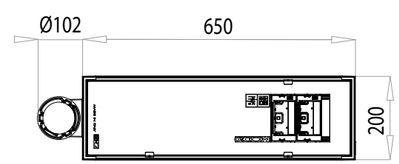


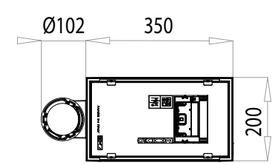






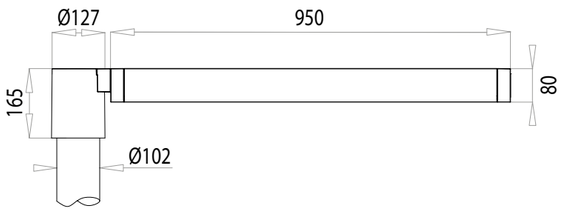


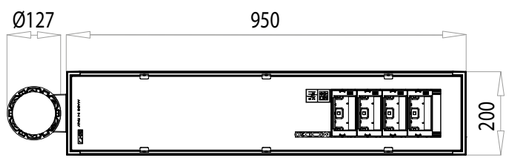


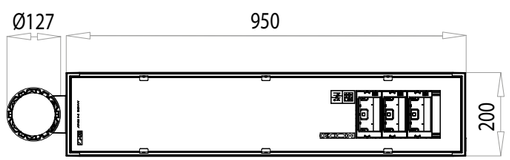


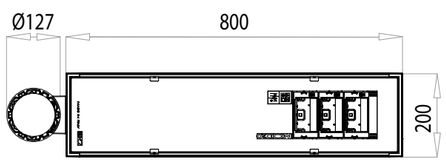
MOD 2.0 URBAN 200 - TP

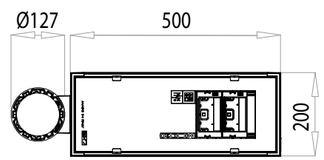
Attacco su palo Ø102 | *Fixing on pole Ø102*

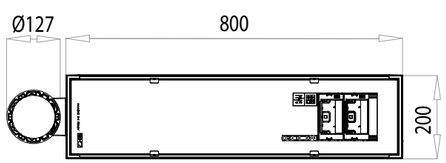


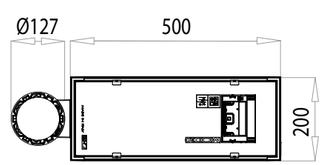


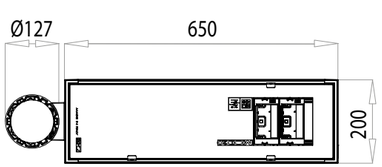


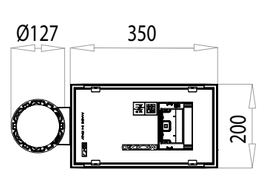






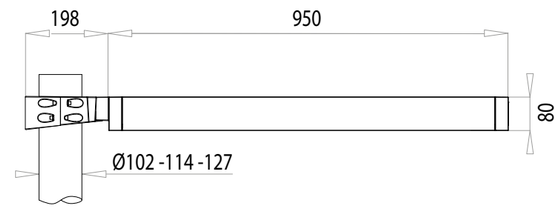


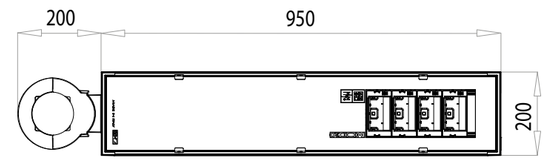


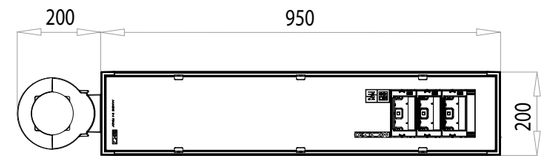


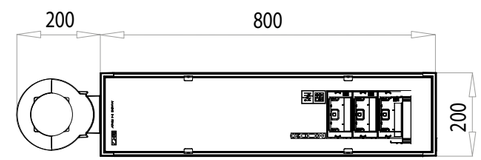
MOD 2.0 URBAN 200 - AC

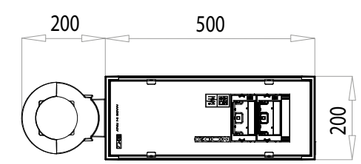
Attacco collare su palo | *Collar fixing on pole*

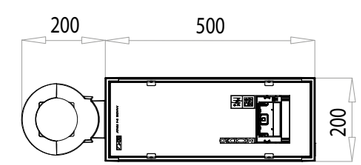


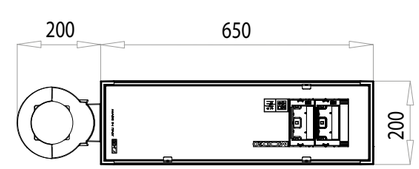


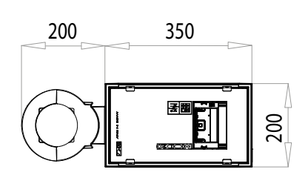






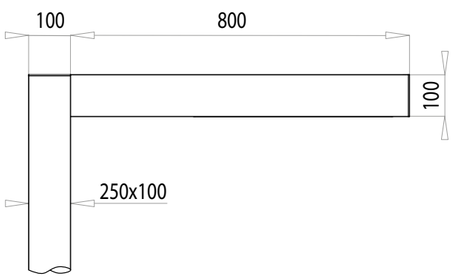


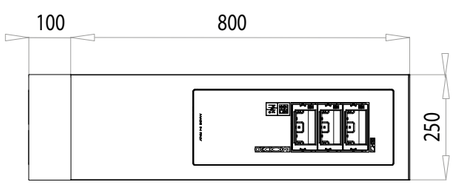


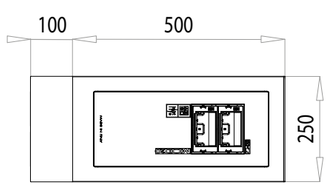


MOD 2.0 URBAN 250 - RX3

Palo rettangolare 250x100 | *Rectangular pole 250x100*

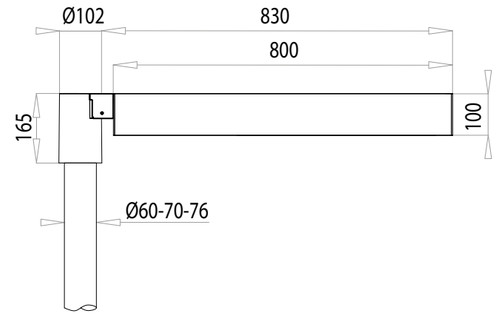


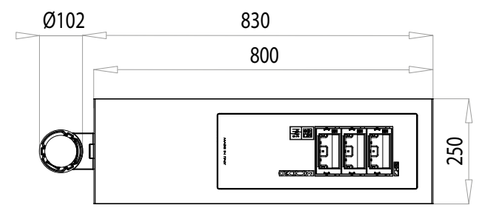


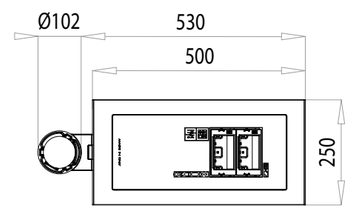


MOD 2.0 URBAN 250 - TP

Palo cilindrico Ø60-70-76 | *Cylindrical pole Ø60-70-76*

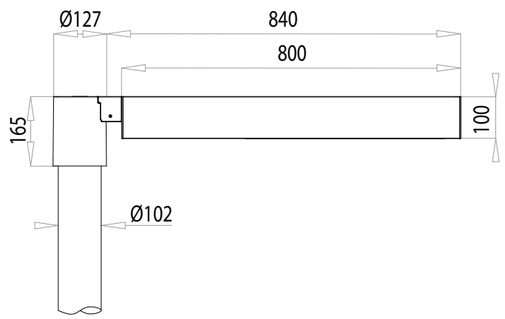


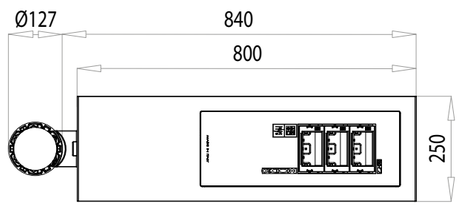


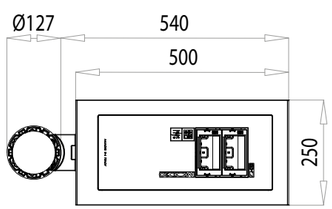


MOD 2.0 URBAN 250 - TP

Palo cilindrico Ø102 | *Cylindrical pole Ø102*

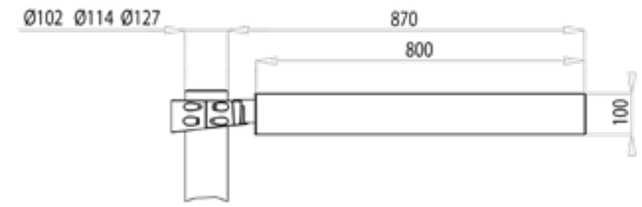


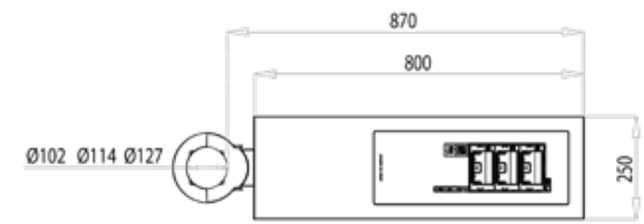


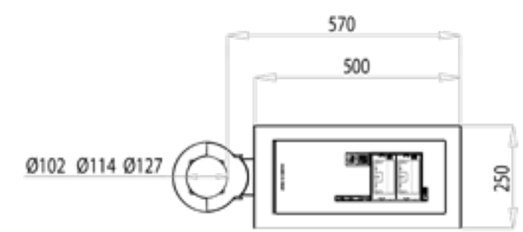


MOD 2.0 URBAN 250 - AC

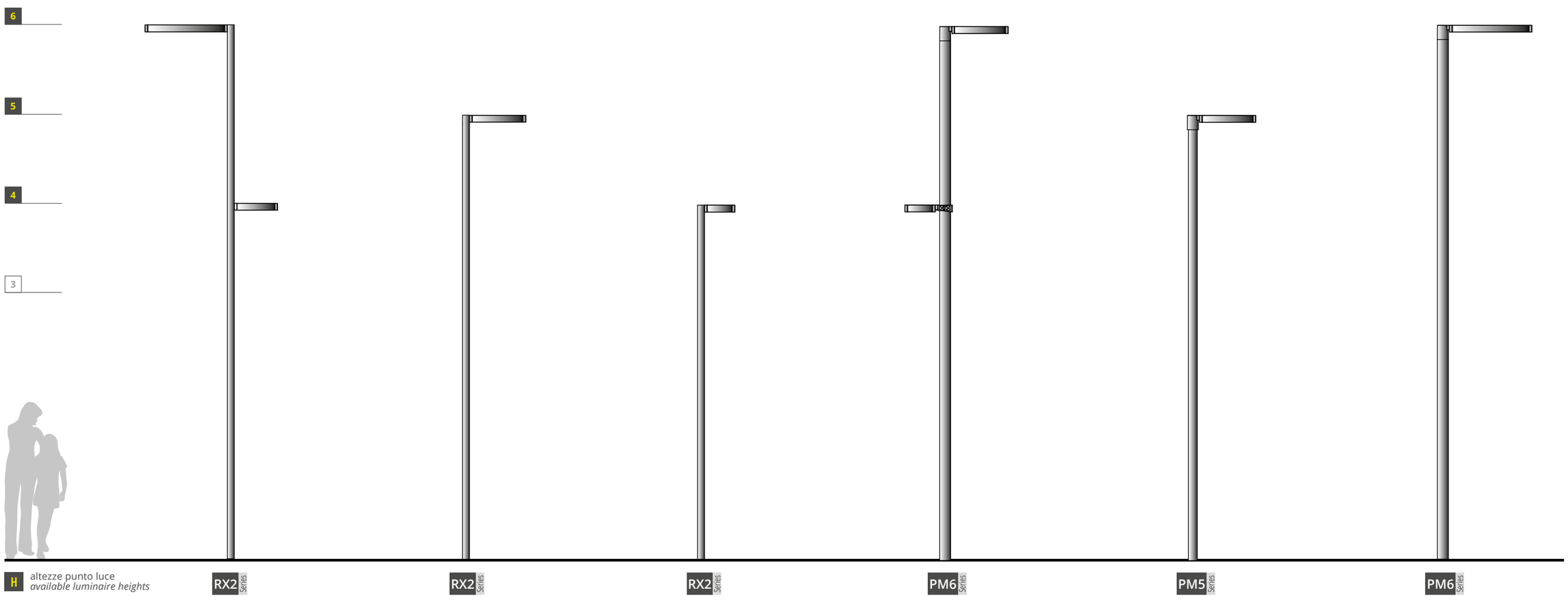
Palo cilindrico Ø102-114-127 | *Cylindrical pole Ø102-114-127*



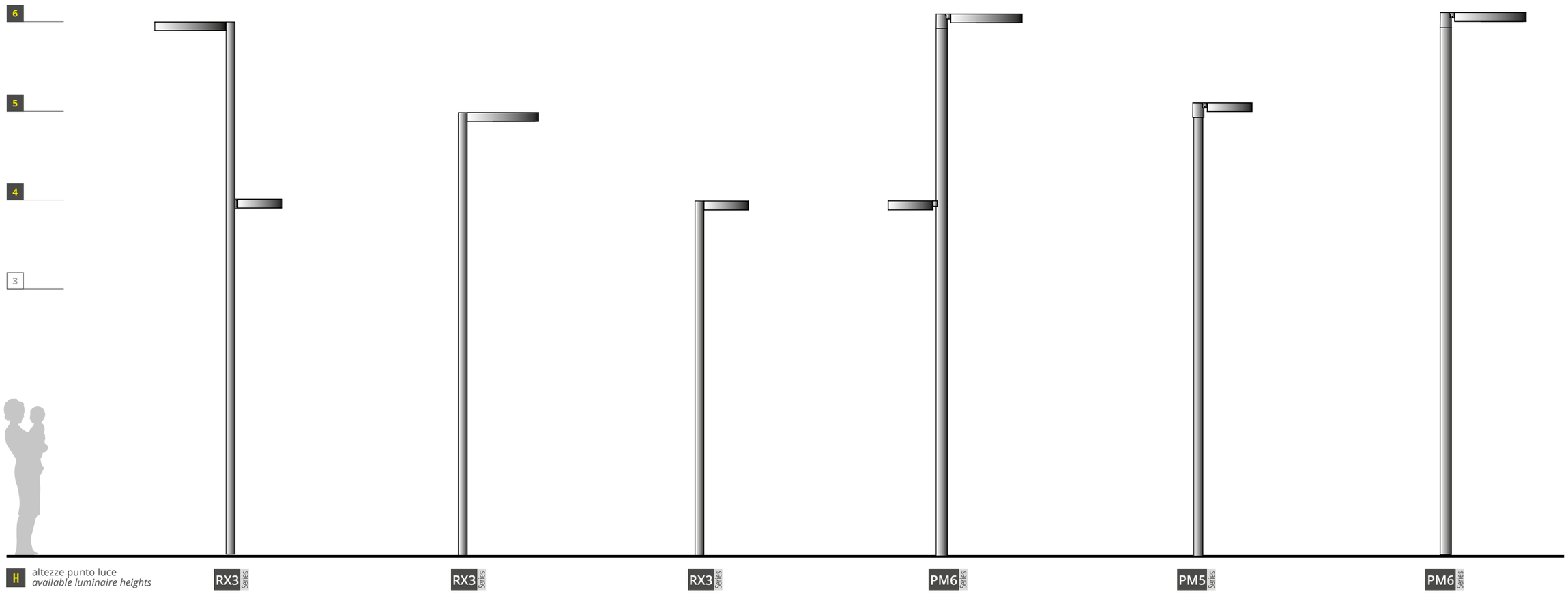




ESEMPI COMPOSIZIONI CON MOD 2.0 URBAN 200
EXAMPLE OF POLE COMBINATIONS WITH MOD 2.0 URBAN 200



ESEMPI COMPOSIZIONI CON MOD 2.0 URBAN 250
EXAMPLE OF POLE COMBINATIONS WITH MOD 2.0 URBAN 250



MOD2.0 TOWER

Modello depositato | Registered model

MOD 2.0 TOWER è ideale per l'illuminazione di viali e piazze di particolare evidenza architettonica. Questa tipologia di corpo illuminante offre eccellenti performance illuminotecniche nelle sue diverse altezze e specifiche ottiche ed è una versatile soluzione di grande design per i principali contesti urbani. MOD 2.0 TOWER garantisce efficienza energetica, grazie alle ottiche in alluminio appositamente studiate, per una luce confortevole e ben distribuita.

MOD 2.0 TOWER *is ideal far urban lighting of boulevard and place with high architectural impact: a luminaire with on efficient and elegant design. This type of fixture offers excellent lighting performance in all the lengths (6m, 5m, 4m, 3m) and specific optics and it is a versatile solution far the major urban contexts. MOD 2.0 TOWER assures high levels of energy savings, thanks to the specific optics that perfectly spread a comfort light.*

Sistema modulare

MOD 2.0 Tower offre un avanzato sistema modulare. E' possibile personalizzare il prodotto con uno o più moduli a scelta, lungo la sua lunghezza. Questo prodotto rende possibile non soltanto l'illuminazione ma anche l'attivazione di servizi Smart come Access Point Wi-Fi, telecamera di videosorveglianza e sensori di presenza.

Modular system

The MOD 2.0 Tower offers on advanced modular system. You can customize your product with one or more modules along its length. This product makes possible not only the lighting service but also Smart services such as Access Point Wi-Fi, videosurveillance camera and presence sensors.

Moduli | *Modules*

OTTICA AS | AS OPTIC

Sistema ottico con apertura del fascio luminoso asimmetrico verso l'alto, specifico per illuminazione architetturale e facciate esterne di palazzi, edifici. Vetro di protezione trasparente.

Optical system with asymmetrical beam angle upward, specific for architectural lighting and exterior buildings facades. The protection screen is transparent.

OTTICA S05 | S05 OPTIC

Sistema ottico con apertura del fascio luminoso asimmetrico specifico per illuminazione di piazze e percorsi pedonali. Vetro di protezione satinato.

Optical system with asymmetrical beam angle specific for the urban lighting of park and path. The protection screen is satinized.

OTTICA SPOT | SPOT OPTIC

Proiettore per illuminazione d'accento con cono di luce a fascio stretto. Il proiettore può essere equipaggiato con ottica spot (10° o 20°) SP10, SP20.

Floodlight for accent lighting with narrow beam light cone. The product can be equipped with spot optic (10° or 20°) SP10, SP20.

MODULO INTEGRABILE | INTEGRABLE MODULE

AEC fornisce un modulo in grado di ospitare diverse interfacce tecnologiche come sensori, telecamere e access point Wi-Fi che sono a cura del cliente.

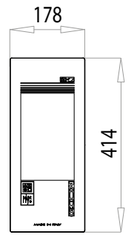
AEC provides a module able to host different technological interfaces such as sensors, camera and access point Wi-Fi which are client's charge.

NODO DI TELECONTROLLO | SMART NODE

Modulo ottico con nodo integrato di telecontrollo a radio frequenza completo di antenna di trasmissione.

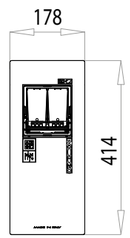
Module with integraded Smart Node of tele-management radio frequency with transmission antenna.

Moduli | *Modules*



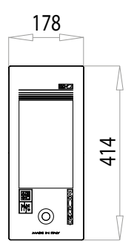
MODULO
CON OTTICA S05
Vetro Satinato

MODULE
WITH OPTIC S05
Satinized screen



MODULO
CON OTTICA AS
Vetro trasparente

MODULE
WITH OPTIC AS
Transparent screen

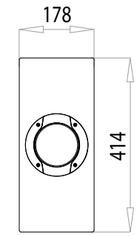


MODULO
CON NODO DI
TELECONTROLLO

MODULE
WITH SMART
NODE

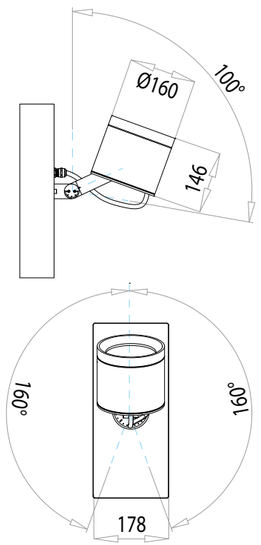
MODULO CON
TELECAMERA DI
VIDEOSORVEGLIANZA

MODULE WITH
SURVEILLANCE
CAMERA



MODULO CON
PROIETTORE SPOT

MODULE WITH SPOT
FLOODLIGHT



Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED:
4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom 1 Step.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

ASC

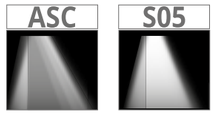
SO5

Characteristics

Modular optical system.
LED light source colour temperature:
4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
F *Fixed power not dimmable.*
DA *Automatic dimming (virtual midnight) with default profile.*
DAC *Custom DA profile 1 step.*
FLC *Constant light flux.*
WL *Wireless single point communication system.*
DALI *Digital dimming interface DALI.*
NEMA *Socket 7 pin (ANSI C136.41).*
ZHAGA *Socket 4 pin (Book 18).*

Ottiche | *Optics*



Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

HIGH PERFORMANCE OPTIC · EXEMPT GROUP · LED · ENERGY SAVING · DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Ottiche spot | *Spot optics*

Apertura 10°
Beam angle 10°

Apertura 20°
Beam angle 20°

Colori | *Colours*

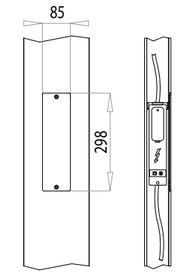
01 Grafite
01 *Graphite*

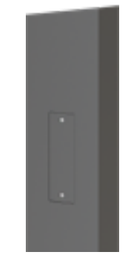
03 Argento satinato
03 *Satin silver*

1E Corten
1E *Corten*

PORTELLA
Morsettiera 4x16mm²
Fusibile in opzione
CEM466005900
Predisposto guida DIN

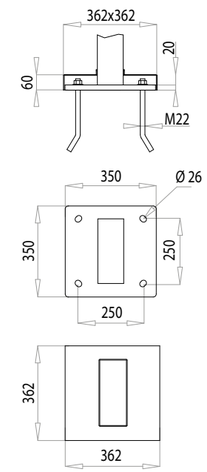
HATCH
Terminal block 4x16mm²
Fuses in option
CEM466005900
Predisposed for DIN profile

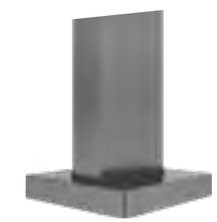




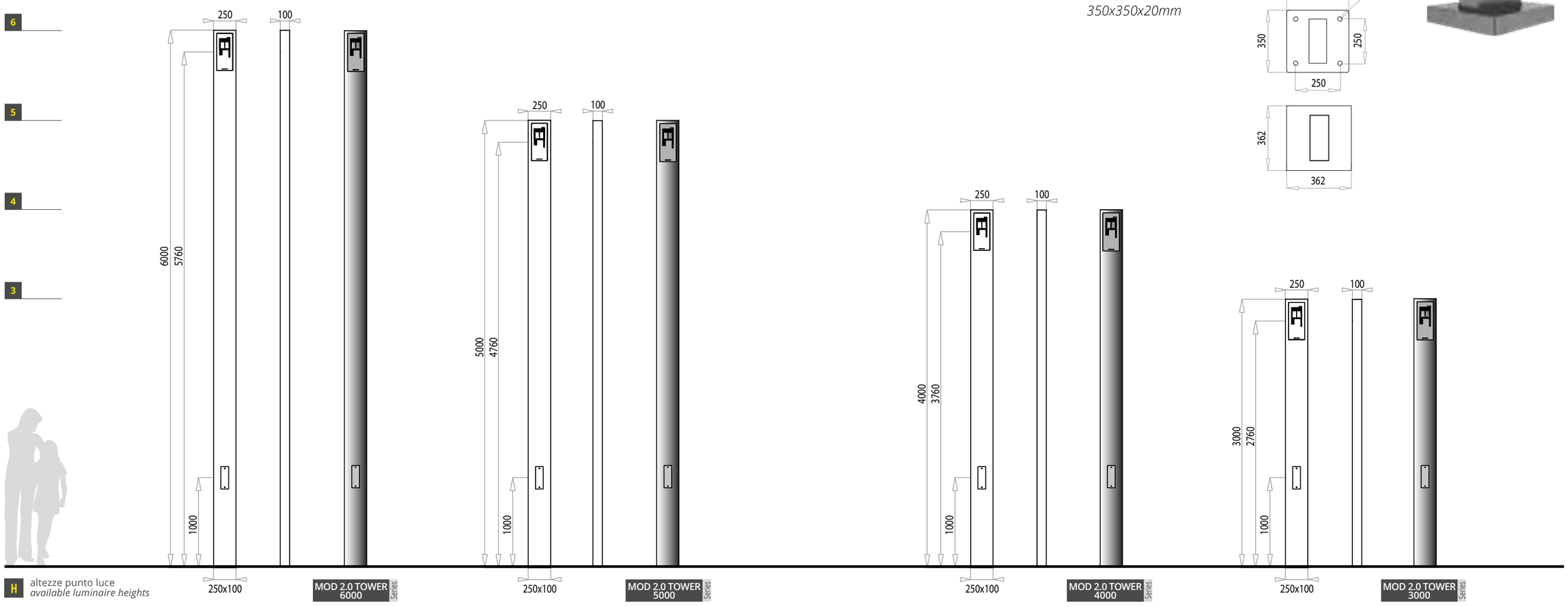
OPZIONALE
PIASTRA DI BASE
350x350x20mm

OPTIONAL
BASE PLATE
350x350x20mm





Valori espressi in metri | *Measures in metres*



H altezze punto luce
available luminaire heights

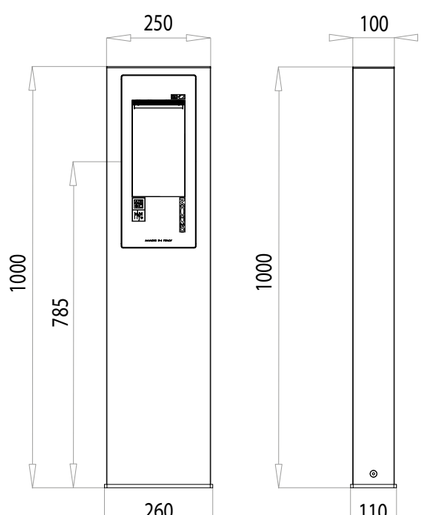
MOD2.0 BOLLARD

Modello depositato | Registered model

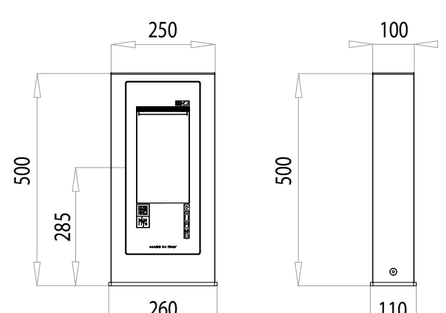
La serie MOD 2.0 è composta da molteplici versioni tra cui anche quella bollard.
Questa tipologia di corpo illuminante nasce dall'esigenza di illuminare viali e passaggi pedonali. **MOD 2.0 BOLLARD** è disponibile nelle due altezze da 0,5m e 1m.
Un prodotto d'arredo urbano in grado di segnare percorsi luminosi su viali, parchi, piazze, accompagnando il pedone in tutta sicurezza. Il comfort visivo è assicurato da ottiche in alluminio e vetro satinato che offrono una luce comfort ad altezza ridotta.

MOD 2.0 series is available also in another version: bollard. This type of luminaire has been designed to light up boulevard, park, square, tree-lined road and to suggest path to pedestrian. ***MOD 2.0 BOLLARD*** *is available in two different size: 0,5m and 1m. Both the versions assure an efficient and safe lighting along the itinerary. The visual comfort is assured by certain aluminium optics and satinized screen for assuring a comfort and well distributed lighting.*

MOD 2.0 BOLLARD 1000



MOD 2.0 BOLLARD 500



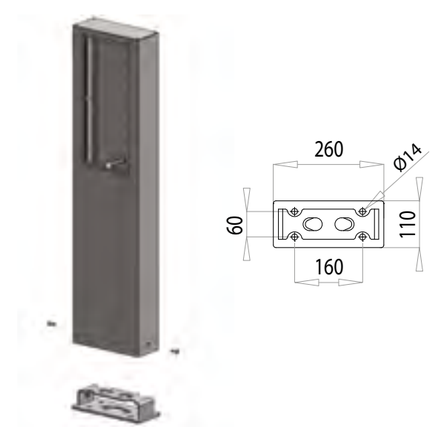
Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

HIGH PERFORMANCE OPTIC · EXEMPT GROUP · LED · ENERGY SAVING · DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

SISTEMA DI FISSAGGIO
Fixing System



Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED:
4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom 1 Step.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
ZHAGA Presa 4 pin (Book 18).

Characteristics

Modular optical system.
LED light source colour temperature:
4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
***F** Fixed power not dimmable.*
***DA** Automatic dimming (virtual midnight) with default profile.*
***DAC** Custom DA profile 1 step.*
***FLC** Constant light flux.*
***WL** Wireless single point communication system.*
***DALI** Digital dimming interface DALI.*
***ZHAGA** Socket 4 pin (Book 18).*

Ottiche | *Optics*

MOD 2.0
BOLLARD

Colori | *Colours*

01 Grafite
***01** Graphite*

03 Argento satinato
***03** Satin silver*

1E Corten
***1E** Corten*

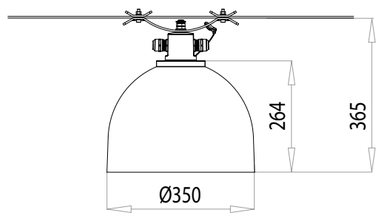
ARTELYS

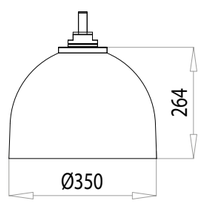
Modello depositato | Registered model

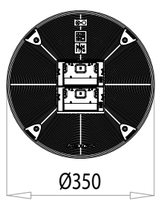
ARTELYS si caratterizza per un design più classico. Il prodotto è disponibile in due tipologie: ARTELYS e ARTELYS DECO. Tutti i modelli possono essere installati su braccio (nella sua personale serie MY) o a tesata, a seconda dell'esigenza di installazione.

ARTELYS *features a classic design. The product is available in two versions: ARTELYS and ARTELYS DECO. According to the lighting project needs, all the models can be installed on bracket (with the specific MY series) or suspended version.*

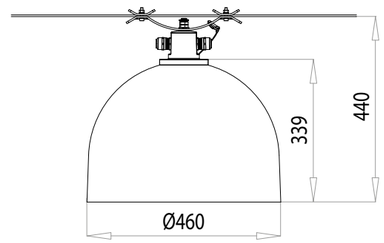
ARTELYS 350

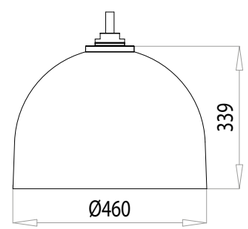


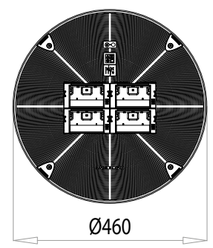




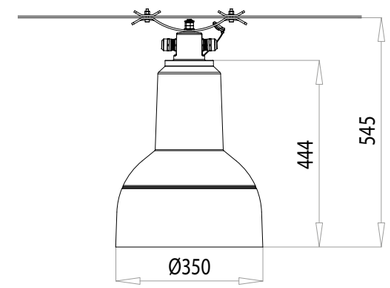
ARTELYS 460

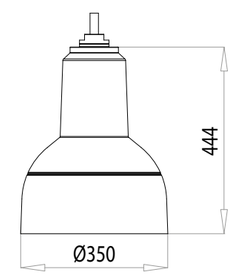


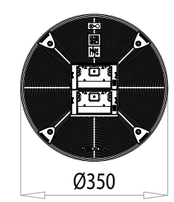




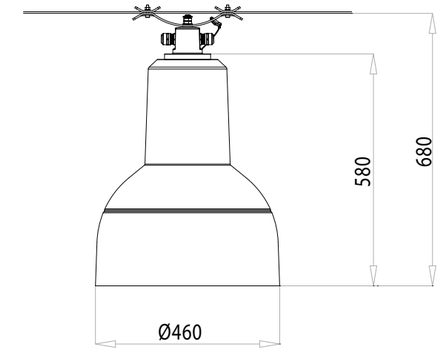
ARTELYS DECO 350

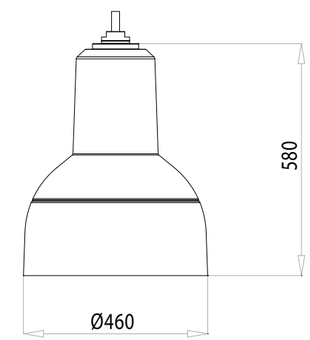


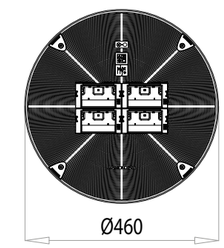




ARTELYS DECO 460







BRACCI | *BRACKETS*

Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED:
4000K (3000K in opzione).
CRI ≥70 (CRI ≥80 in opzione).
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom 1 Step.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*:
220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Characteristics

Modular optical system.
LED light source colour temperature:
4000K (optional 3000K).
CRI ≥7 (optional CRI ≥80).
IP66 Protection degree.
IK08 Mechanical resistance.

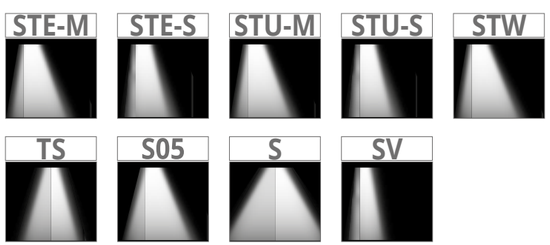
Dimming options:
***F** Fixed power not dimmable.*
***DA** Automatic dimming (virtual midnight) with default profile.*
***DAC** Custom DA profile 1 step.*
***FLC** Constant light flux.*
***WL** Wireless single point communication system.*
***DALI** Digital dimming interface DALI.*
***NEMA** Socket 7 pin (ANSI C136.41).*
***ZHAGA** Socket 4 pin (Book 18).*

Colori | *Colours*

01 Grafite
***01** Graphite*

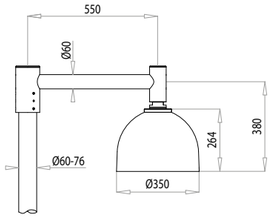
Ottiche | *Optics*

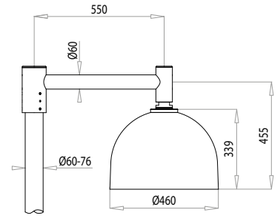
ARTELYS



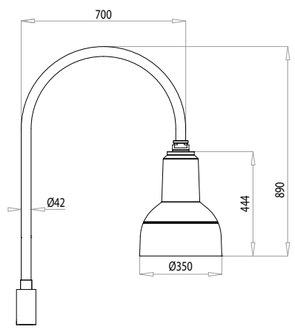
SERIE MY | MY SERIES

MY 550





MG/TP

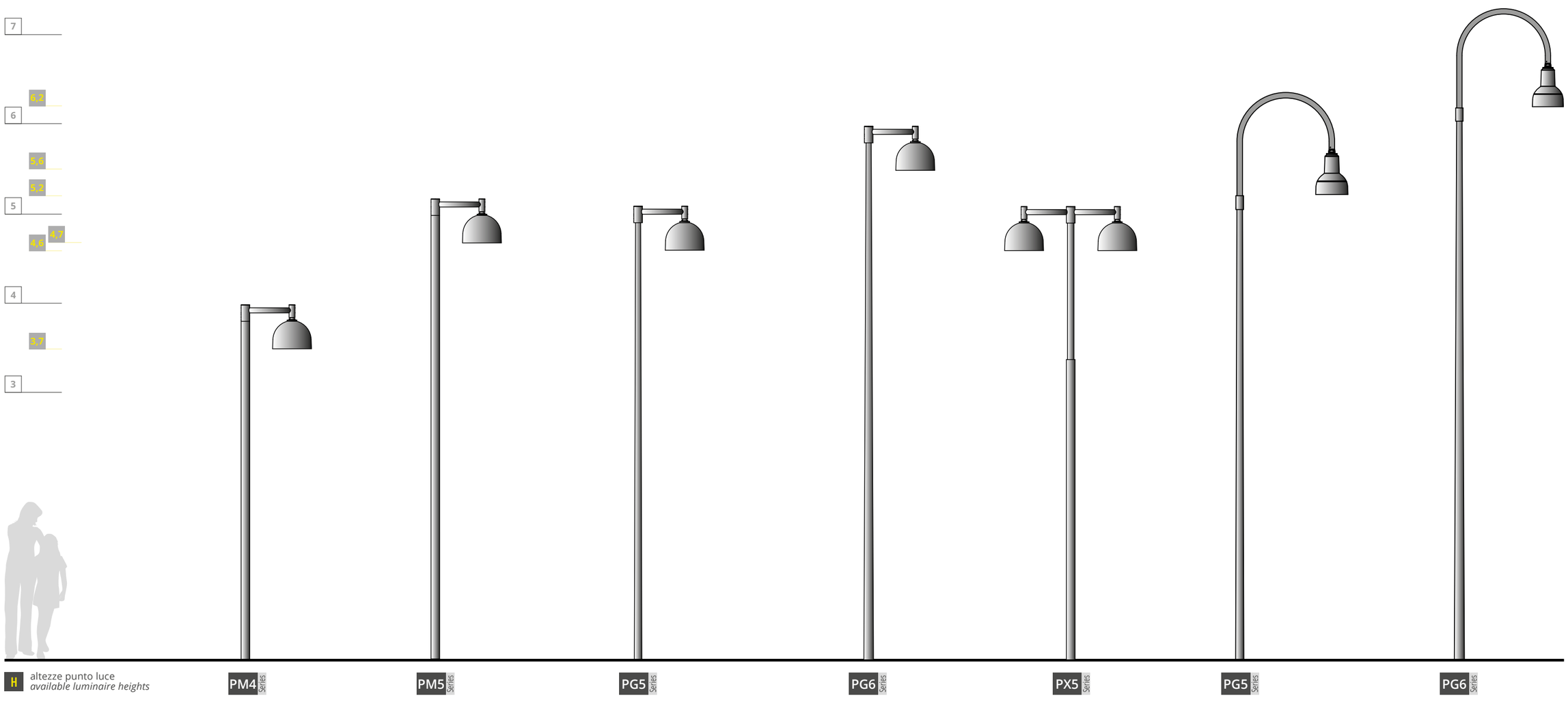


ARTELYS 350

ARTELYS 460

ARTELYS DECO 350

ARTELYS DECO 460


10
9
8
7
6,2
6
5,6
5,2
5
4,7
4,6
4
3,7
3
Valori espressi in metri | Measures in metres
H altezze punto luce
available luminaire heights
PM4 Series
PM5 Series
PG5 Series
PG6 Series
PX5 Series
PG5 Series
PG6 Series

Master3 Master6

Modello depositato | Registered model

MASTER è un sistema di illuminazione pensato per un'ampia serie di applicazioni urbane. Il prodotto è stato studiato con due forme diverse: MASTER 3 caratterizzato da linee allungate e un corpo più stretto e MASTER 6 con una forma più compatta. Entrambe le versioni coniugano la qualità del prodotto con alta efficienza energetica e ottime performance. AEC ha realizzato un corpo illuminante non solo di altissimo design ma anche di massima funzionalità: MASTER è un sistema di illuminazione integrabile con il sistema di gestione "City SmartWay", progettato per l'illuminazione intelligente delle città.

*The **MASTER** series has been developed for a wide range of urban applications. The luminaire is available in two different shapes: MASTER 3 and MASTER 6. The MASTER 3 features straight lines and a stretched body and the MASTER 6 has a more compact design. Both versions match product quality with a unique and recognizable style. AEC has engineered a luminaire with the best in design and great functionality with symmetric and asymmetric optics for street, urban and pedestrian crossing lighting. Excellent levels of efficiency and energy savings can be achieved guaranteeing excellent light performance but also integrating the luminaires with "City SmartWay" the dynamic, intelligent and versatile light control system developed by AEC.*

1. Firenze (Italy)
2. Pesaro (Italy)
3. Firenze (Italy)

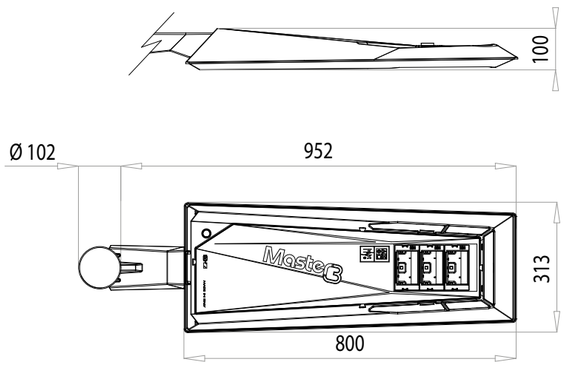
1

1

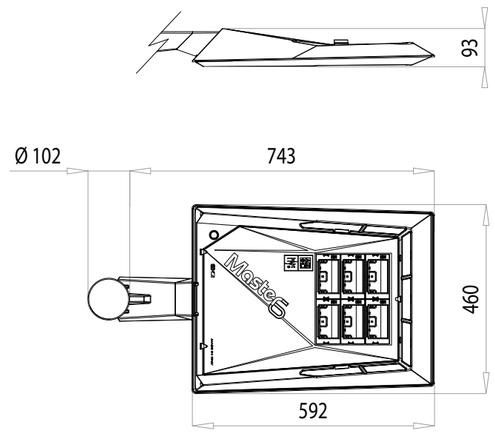
2

1. Porto Sant'Elpidio (Italy)
2. Porto Sant'Elpidio (Italy)

MASTER 3



MASTER 6



Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

05 HIGH PERFORMANCE OPTIC EXEMPT GROUP LED ENERGY SAVING DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Caratteristiche

Temperatura di colore sorgente LED:
4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK09.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom 1 Step.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

Characteristics

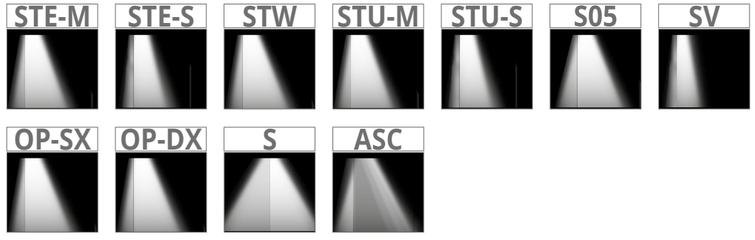
LED light source colour temperature:
4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK09 Mechanical resistance.

Dimming options:
F *Fixed power not dimmable.*
DA *Automatic dimming (virtual midnight) with default profile.*
DAC *Custom DA profile 1 step.*
FLC *Constant light flux.*
WL *Wireless single point communication system.*
DALI *Digital dimming interface DALI.*
NEMA *Socket 7 pin (ANSI C136.41).*
ZHAGA *Socket 4 pin (Book 18).*

Ottiche | *Optics*

MASTER 3

MASTER 6



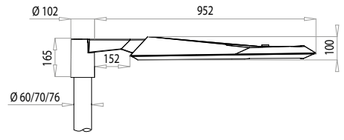
Colori | *Colours*

01 Grafite
01 *Graphite*

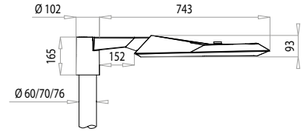
BRACCI | *BRACKETS*

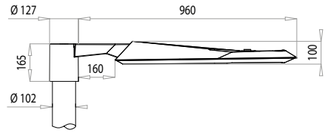
SERIE | SERIES **TP/76 TP/102**

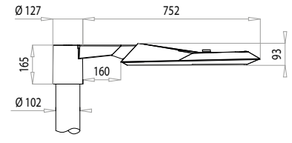
MASTER 3



MASTER 6

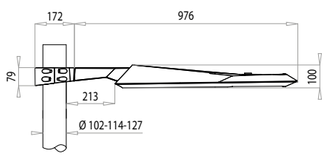




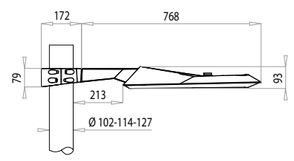


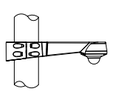
SERIE | SERIES **BR-C**

MASTER 3



MASTER 6



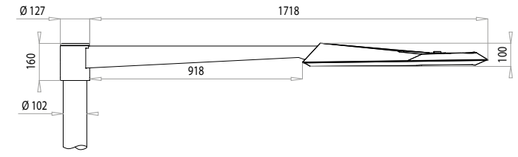


City
SmartWay

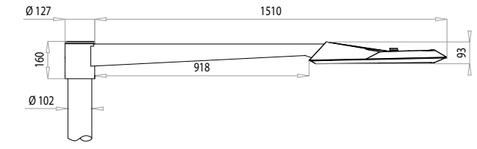
Braccietto per telecamera su richiesta.
Bracket for video camera on demand.

SERIE | SERIES **BR-L**

MASTER 3



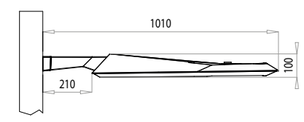
MASTER 6



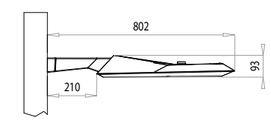
SERIE | SERIES **PR**

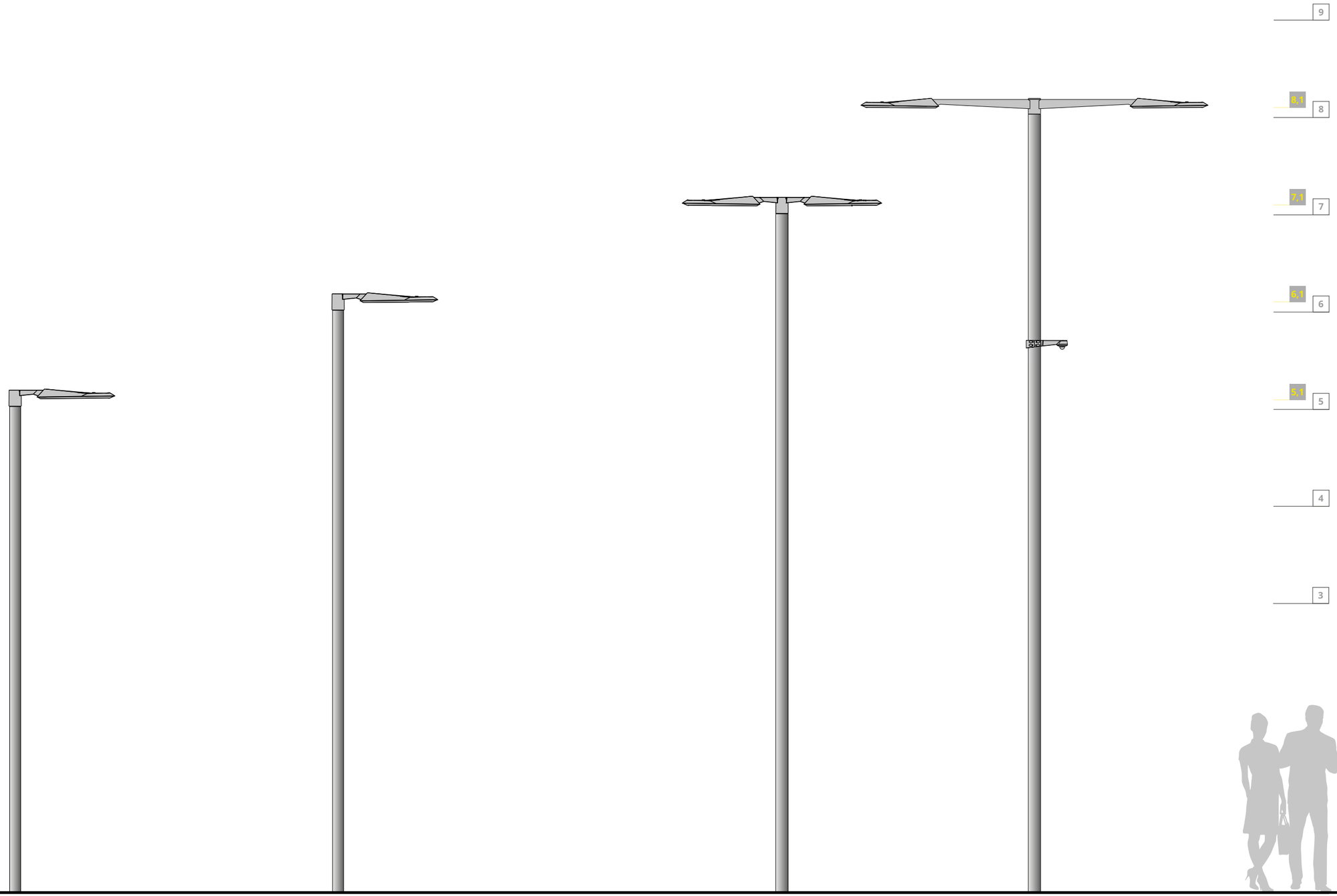
Questa tipologia di braccio viene installata a parete o su palo a sezione quadrata con specifiche lavorazioni.
This type of bracket is installed on wall or on pole with square section and with specific processing techniques.

MASTER 3



MASTER 6





Valori espressi in metri | *Meosures in metres*

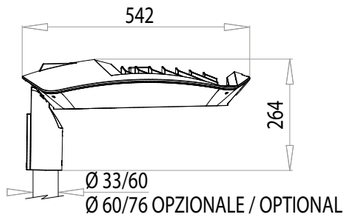
altezze punto luce
available luminaire heights H

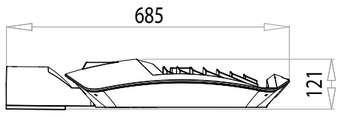
Modello depositato | Registered model

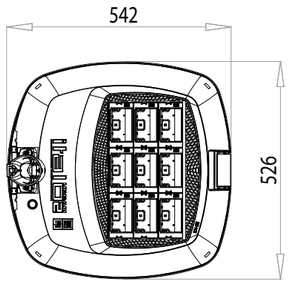
La serie **ITALO URBAN** nasce per specifici contesti di arredo urbano, aree residenziali, parchi, piazze e centri cittadini. ITALO 2 URBAN è equipaggiato con un'ampia varietà di ottiche in grado di adattarsi alle più diverse geometrie di installazione.
La linea "square" che lo caratterizza è il risultato di una sofisticata ricerca sulle forme e sui materiali utilizzati.

*The series **ITALO URBAN** has been designed for specific urban contexts such as residential areas, parks, squares, and city centers.*
ITALO 2 URBAN is equipped with a wide range of optics able to fulfill the most different installation geometries. The squared shape featuring ITALO 2 URBAN comes from a sophisticated research on both shapes and chosen materials.

ITALO 2 URBAN







Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED:
4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK09.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom 1 Step.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

Characteristics

Modular optical system.
LED light source colour temperature: 4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK09 Mechanical resistance.

Dimming options:
***F** Fixed power not dimmable.*
***DA** Automatic dimming (virtual midnight) with default profile.*
***DAC** Custom DA profile 1 step.*
***FLC** Constant light flux.*
***WL** Wireless single point communication system.*
***DALI** Digital dimming interface DALI.*
***NEMA** Socket 7 pin (ANSI C136.41).*
***ZHAGA** Socket 4 pin (Book 18).*

Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

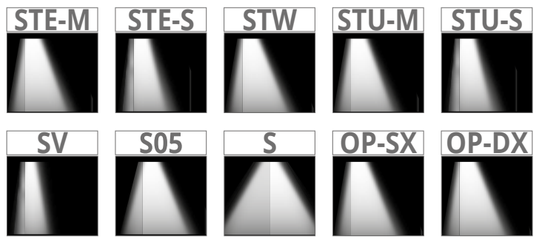
HIGH PERFORMANCE OPTIC · IK 05 · EXEMPT GROUP · LED · ENERGY SAVING · DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

1. San Benedetto del Tronto (Italy) **1**

Ottiche | *Optics*

ITALO 2 URBAN



Colori | *Colours*

2B Grigio satinato semilucido
***2B** Semigloss satin grey*

italo URBAN 2 TP
MADE IN ITALY

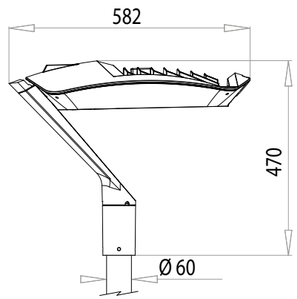
Modello depositato | Registered model

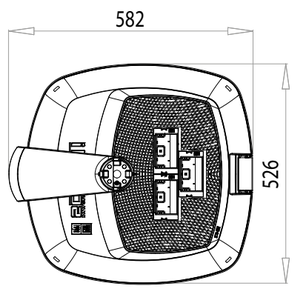
La serie **ITALO URBAN** nasce per specifici contesti di arredo urbano, aree residenziali, parchi, piazze e centri cittadini.
Caratterizzato da una forma stilistica unica, ITALO 2 URBAN TP (versione cima palo) vanta un elegante design, in sintonia con le versioni ITALO Urban a braccio e a sospensione.

*The series **ITALO URBAN** has been designed for specific urban contexts such as residential areas, parks, squares, and city centers.*
ITALO 2 URBAN TP (available in post top version) is featured by a unique shape and an elegant design harmonised with ITALO 2 Urban and ITALO 2 Urban TS.

1. Espoo (Finland)
2. Guadalajara (Mexico)
3. Villafranca (Italy)

ITALO 2 URBAN TP





Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED:
4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK09.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom 1 Step.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

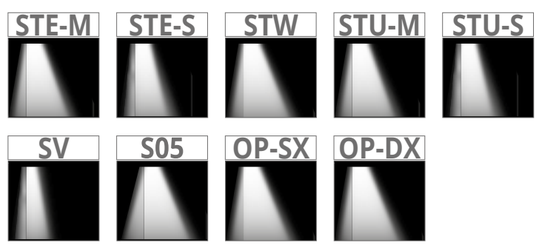
Characteristics

Modular optical system.
LED light source colour temperature:
4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK09 Mechanical resistance.

Dimming options:
F *Fixed power not dimmable.*
DA *Automatic dimming (virtual midnight) with default profile.*
DAC *Custom DA profile 1 step.*
FLC *Constant light flux.*
WL *Wireless single point communication system.*
DALI *Digital dimming interface DALI.*
NEMA *Socket 7 pin (ANSI C136.41).*
ZHAGA *Socket 4 pin (Book 18).*

Ottiche | *Optics*

ITALO 2 URBAN TP



Colori | *Colours*

01 Grafite
01 *Graphite*

Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

HIGH PERFORMANCE OPTIC · IK 05 · EXEMPT GROUP · LED · ENERGY SAVING · DIM

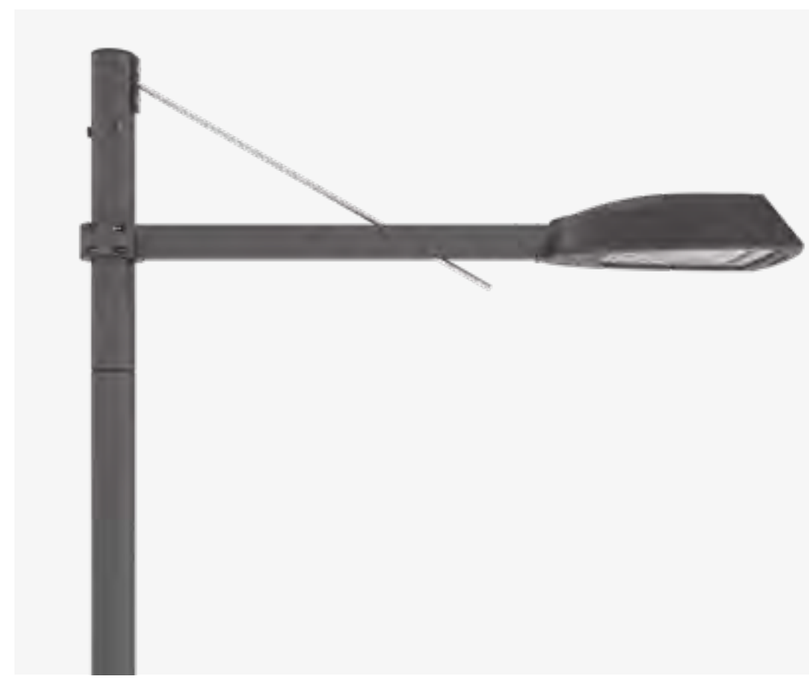
GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

logika

Modello depositato | Registered model

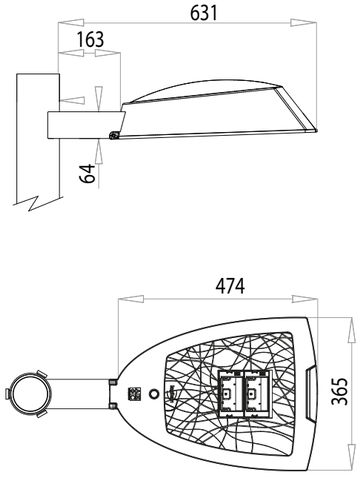
LOGIKA è un apparecchio per applicazione urbana disponibile in due dimensioni (LOGIKA 1 e LOGIKA 2) e nella doppia versione LED. Con LOGIKA, AEC rende disponibile un sistema per arredo urbano caratterizzato da apparecchi equipaggiabili con molteplici gruppi ottici, differenti tipi di mensole e pali che completano la serie rispondendo alle più diverse esigenze di installazione. LOGIKA1 per lampade SHP e MHL fino a 100W e CPO fino a 90W. LOGIKA 2 per lampade SHP e MHL fino a 250W e CPO fino a 140W.
LOGIKA LED è dotato del sistema LED Comfort Light Optic™.

LOGIKA *is a luminaire for urban applications available in two sizes (LOGIKA 1 and LOGIKA 2), and in the double LED version. With LOGIKA, AEC provides an urban system in two sizes, featuring units that can be equipped with several optical assemblies, as well as different types of brackets and poles, which complete the range, satisfying the most varied installation needs. LOGIKA 1 for SHP and MHL lamps up to 100W and CPO lamps up to 90W. LOGIKA 2 for SHP and MHL lamps up to 250W and CPO lamps up to 140W. LOGIKA LED features the LED Comfort Light Optic™ system.*

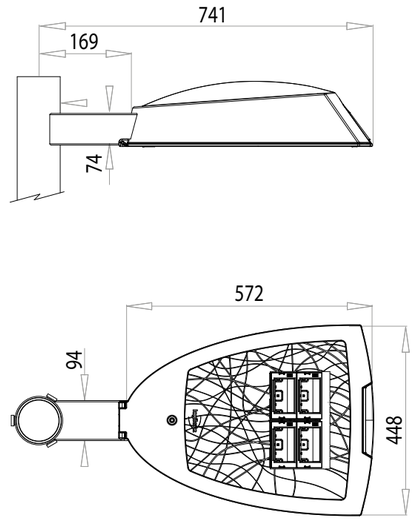


1. San Diego (USA)
2. Ferrari World Abu Dhabi (UAE)
3. Lido di Latina (Italy)

LOGIKA 1



LOGIKA 2



Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED: 4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom 1 Step.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

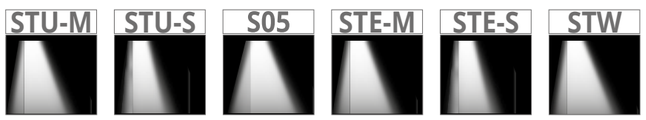
Characteristics

Modular optical system.
LED light source colour temperature: 4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
***F** Fixed power not dimmable.*
***DA** Automatic dimming (virtual midnight) with default profile.*
***DAC** Custom DA profile 1 step.*
***FLC** Constant light flux.*
***WL** Wireless single point communication system.*
***DALI** Digital dimming interface DALI.*
***NEMA** Socket 7 pin (ANSI C136.41).*
***ZHAGA** Socket 4 pin (Book 18).*

Ottiche | *Optics*

LOGIKA 1
LOGIKA 2 LED



Colori | *Colours*

01 Grafite
***01** Graphite*

Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

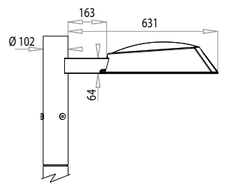
A++ ENERGY CLASS

HIGH PERFORMANCE OPTIC · EXEMPT GROUP · HID · LED · ENERGY SAVING · DIM

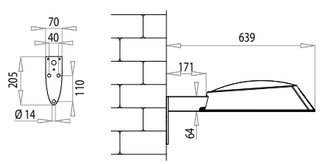
GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

BRACCI | *BRACKETS*

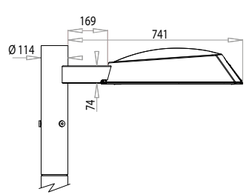
SERIE | SERIES **MT/L1**



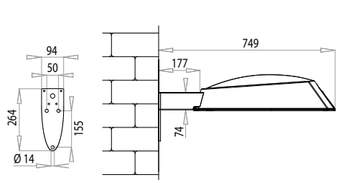
SERIE | SERIES **SL1**



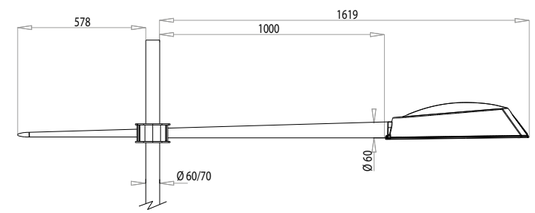
SERIE | SERIES **MT/L2**



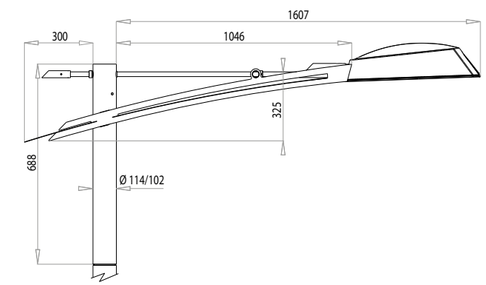
SERIE | SERIES **SL2**



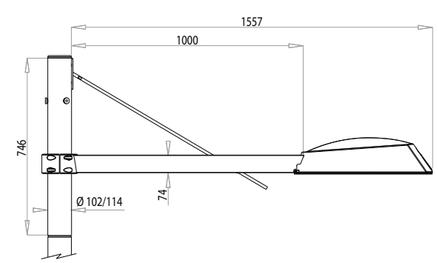
SERIE | SERIES **MD**



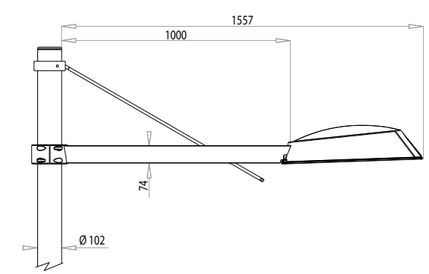
SERIE | SERIES **MH**

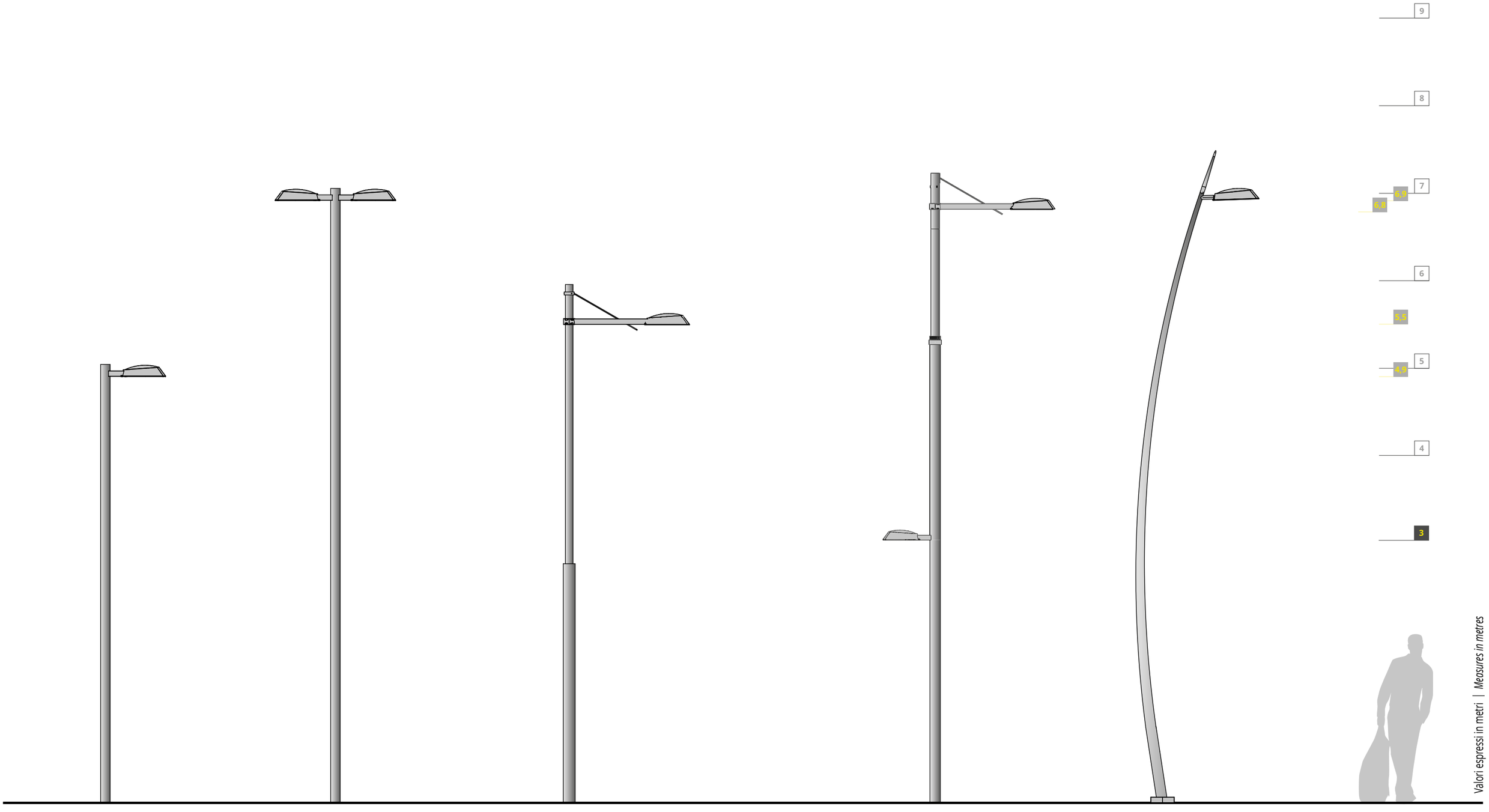


SERIE | SERIES **MI**



SERIE | SERIES **MI/E**





Valori espressi in metri | *Measures in metres*

Modello depositato | Registered model

Q QUADRO è disponibile nelle varianti **Q3** e **Q5** (differenti per dimensioni) in versione LED.
Il sistema dispone di ottiche per applicazioni di tipo stradale e arredo urbano, quali piazze, rotonde, parchi e parcheggi. Q QUADRO fa parte di un sistema completo di pali e bracci.
Q3-Q5 QUADRO LED è dotato del sistema LED Comfort Light Optic™.

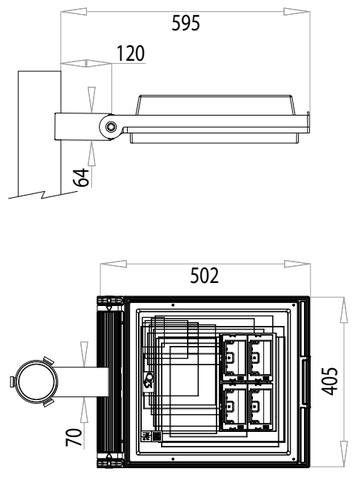
Q QUADRO *range, offering* ***Q3*** *and* ***Q5*** *variations (different sizes), in LED versions.*
The system includes street optics, both symmetrical and asymmetrical, for pedestrian crossings and cycle lanes, designed for street and urban applications, such as squares, roundabouts, parks and car parks.
Q QUADRO is part of a complete system of poles and brackets suitable for all urban applications.
Q3-Q5 QUADRO LED feature the LED Comfort Light Optic™ system.

1. Faenza (Italy)
2. Arezzo (Italy)
3. Orchard Road (Singapore)

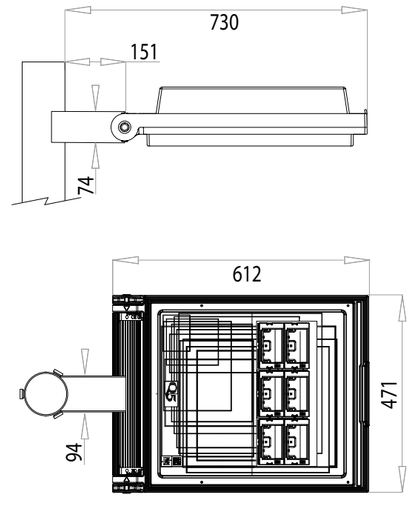
Q QUADRO si caratterizza per le sue forme lineari e di grande stile, capaci di integrarsi perfettamente ai differenti contesti urbani. La serie conferma ancora oggi il suo design e le sue ottime prestazioni, parametri essenziali che caratterizzano tutta la gamma AEC per arredo urbano.

Q QUADRO *features linear and modern shapes and it is suitable for different urban installations. Q QUADRO confirms its design and high performance, two important parameters that feature all the AEC product range for urban lighting.*

Q3 QUADRO



Q5 QUADRO



Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED: 4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom 1 Step.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

Characteristics

Modular optical system.
LED light source colour temperature: 4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
F *Fixed power not dimmable.*
DA *Automatic dimming (virtual midnight) with default profile.*
DAC *Custom DA profile 1 step.*
FLC *Constant light flux.*
WL *Wireless single point communication system.*
DALI *Digital dimming interface DALI.*
NEMA *Socket 7 pin (ANSI C136.41).*
ZHAGA *Socket 4 pin (Book 18).*

Classe di isolamento | *Insulation class*: I - II.
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

EN EC 05 · EXEMPT GROUP · HID · LED · ENERGY SAVING · DIM

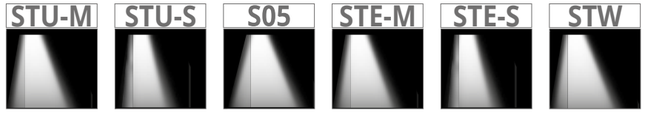
GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Colori | *Colours*

01 Grafite
01 *Graphite*

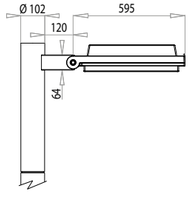
Ottiche | *Optics*

Q3 QUADRO
Q5 QUADRO
LED

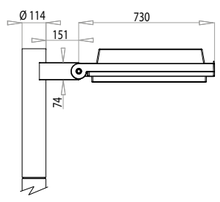


BRACCI | *BRACKETS*

SERIE | SERIES **MT/Q3**

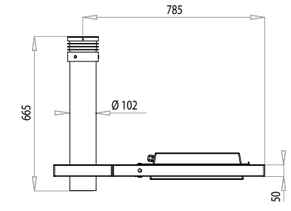


SERIE | SERIES **MT/Q5**

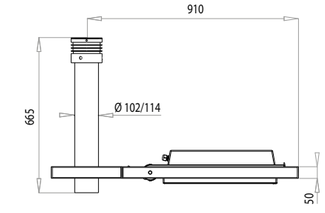


SERIE | SERIES **MQ/C**

MQ3/C

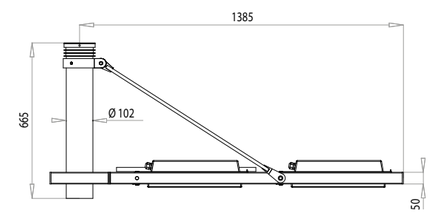


MQ5/C

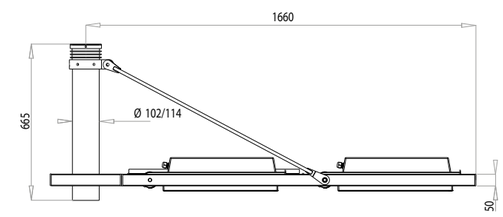


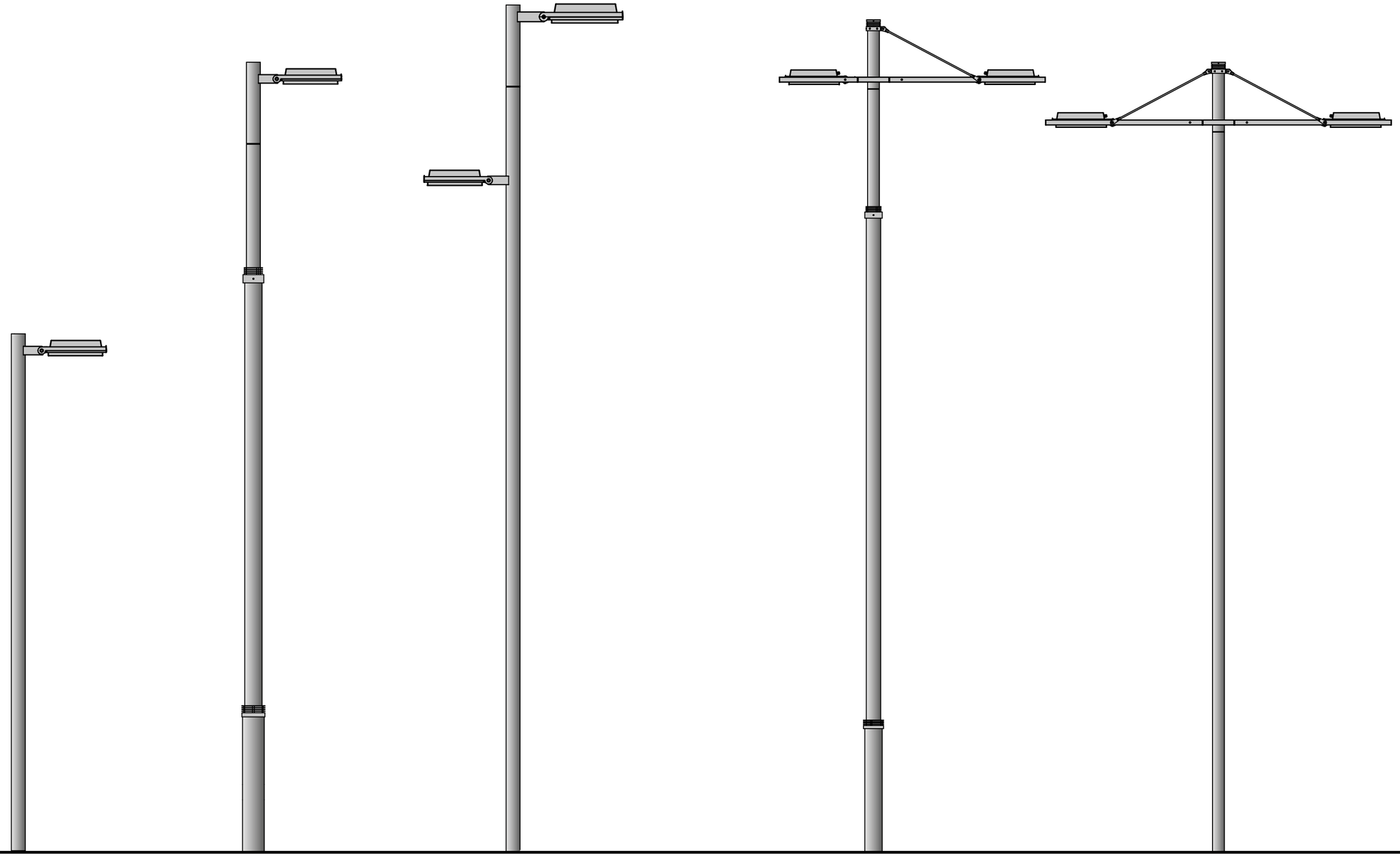
SERIE | SERIES **MQ/L**

MQ3/L



MQ5/L





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Valori espressi in metri | *Meosures in metres*

altezze punto luce
available luminaire heights H

ARMONIA

Modello depositato | Registered model

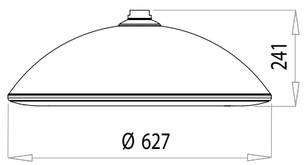
ARMONIA rappresenta l'evoluzione moderna degli apparecchi classici di Pubblica Illuminazione. Lo stile retrò lo rende l'apparecchio perfetto per l'integrazione sia nei contesti urbani più moderni che nei centri storici. Completano la gamma ARMONIA una vastissima varietà di gruppi ottici, bracci e sostegni. Disponibile in due versioni e taglie differenti.
ARMONIA MINI per lampade SHP e MHL fino a 150W e CPO fino a 140W.
ARMONIA 1, ARMONIA 2 per lampade SHP e MHL fino a 250W e CPO fino a 140W.
ARMONIA LED è dotato del sistema LED Comfort Light Optic™.

ARMONIA *represents the modern evolution of classic public lighting fittings. The retro style makes this the perfect luminaire for integration in both modern urban environments, and old town centres. The ARMONIA range is completed by an extremely wide range of optical assemblies, brackets and supports. Available in two versions and in different sizes.*
ARMONIA MINI for SHP and MHL lamps up to 150W and CPO lamps up to 140W.
ARMONIA 1 and ARMONIA 2 for SHP and MHL lamps up to 250W and CPO lamps up to 140W.
ARMONIA LED features the LED Comfort Light Optic™ system.

1. Tjøme (Norway)
2. San Benedetto del Tronto (Italy)
3. fiskehamn (Finland)

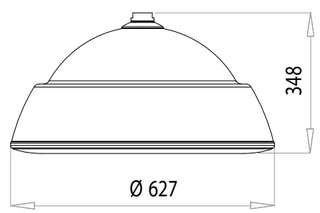
ARMONIA 1 VP

CUT-OFF



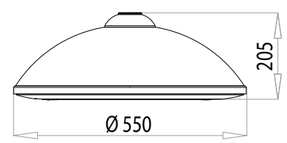
ARMONIA 2 VP

CUT-OFF



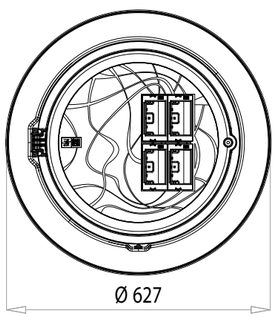
ARMONIA MINI

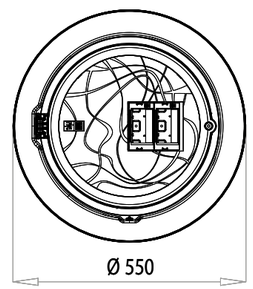
CUT-OFF



ARMONIA 1

SEMI CUT-OFF





Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED: 4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom 1 Step.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

Characteristics

Modular optical system.
LED light source colour temperature: 4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
***F** Fixed power not dimmable.*
***DA** Automatic dimming (virtual midnight) with default profile.*
***DAC** Custom DA profile 1 step.*
***FLC** Constant light flux.*
***WL** Wireless single point communication system.*
***DALI** Digital dimming interface DALI.*
***NEMA** Socket 7 pin (ANSI C136.41).*
***ZHAGA** Socket 4 pin (Book 18).*

Colori | *Colours*

01 Grafite
***01** Graphite*

Classe di isolamento | *Insulation class*:
II (I in opzione/ *optional*).
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

IK05 · HIGH PERFORMANCE OPTIC · EXEMPT GROUP · HID · LED · ENERGY SAVING · DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

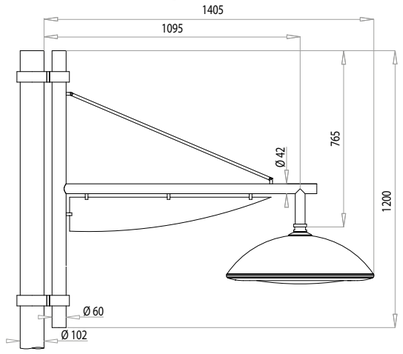
Ottiche | *Optics*

ARMONIA LED

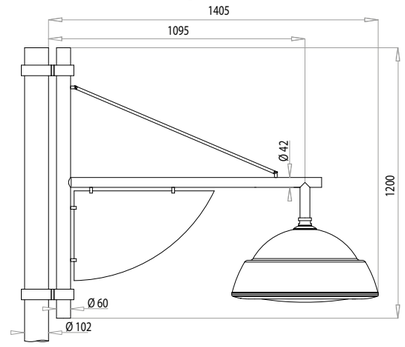
BRACCI | *BRACKETS*

SERIE | SERIES **MA**

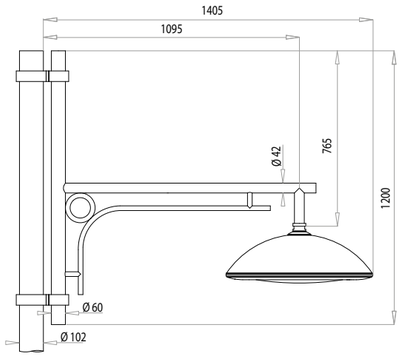
ARMONIA **MA/1**



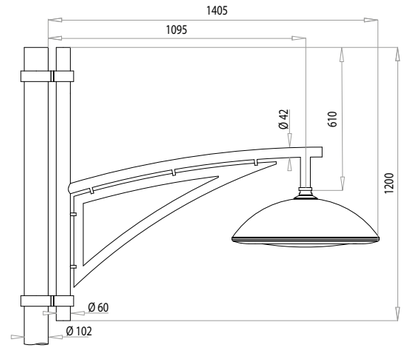
ARMONIA **MA/2**



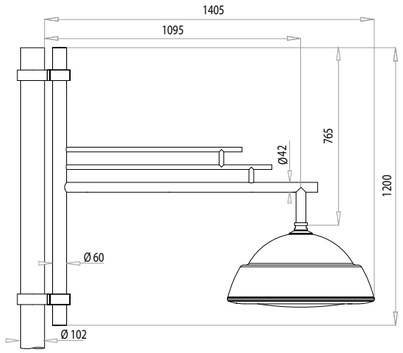
ARMONIA **MA/3**



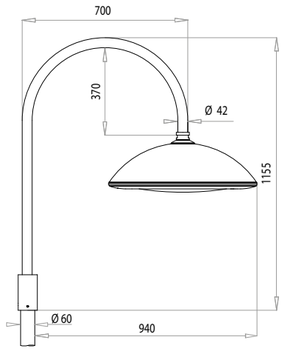
ARMONIA **MA/4**



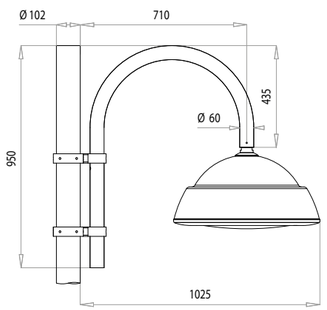
ARMONIA **MA/5**

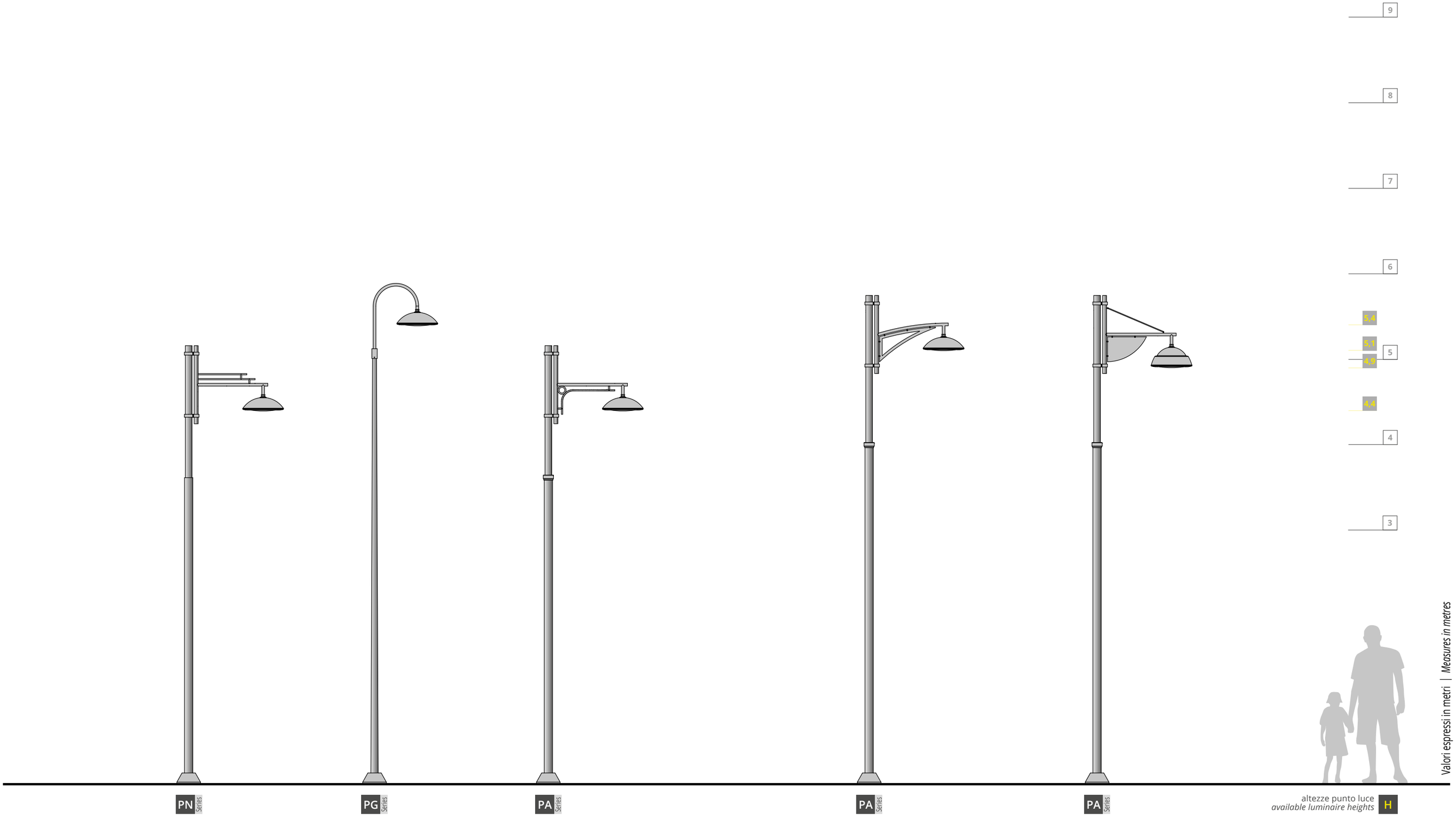


SERIE | SERIES **MG**



SERIE | SERIES **MP**

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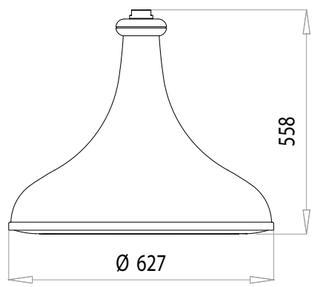
Valori espressi in metri | Measures in metres
PN Series
PG Series
PA Series
PA Series
PA Series
altezze punto luce
available luminaire heights
H

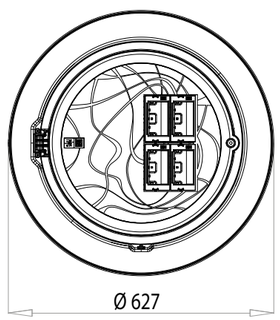
GOBLET

GOBLET è stato progettato per i più classici ambienti urbani.
L'apparecchio, proposto in un'unica dimensione, può essere scelto per applicazioni stradali e percorsi ciclo-pedonali. GOBLET è accompagnato da braccio pastorale: una composizione particolarmente adatta all'illuminazione di aree residenziali.
GOBLET per lampade SHP e MHL fino a 250W e CPO fino a 140W.
GOBLET LED è dotato del sistema LED Comfort Light Optic™.

GOBLET *has been designed with the most classic urban environments in mind.*
The product, offered in one single size, is available for street and cycle-path applications.
GOBLET is complemented by a shepherd-staff bracket: a composition that is particularly suitable for the illumination of residential areas. GOBLET ensures full integration of style and technical design, giving the urban environment a special look.
GOBLET for SHP and MHL lamps up to 250W and CPO lamps up to 140W.
GOBLET LED features the LED Comfort Light Optic™ system.

GOBLET





Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED:
4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom 1 Step.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

Characteristics

Modular optical system.
LED light source colour temperature:
4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
***F** Fixed power not dimmable.*
***DA** Automatic dimming (virtual midnight) with default profile.*
***DAC** Custom DA profile 1 step.*
***FLC** Constant light flux.*
***WL** Wireless single point communication system.*
***DALI** Digital dimming interface DALI.*
***NEMA** Socket 7 pin (ANSI C136.41).*
***ZHAGA** Socket 4 pin (Book 18).*

Classe di isolamento | *Insulation class*:
II (I in opzione/ *optional*).
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

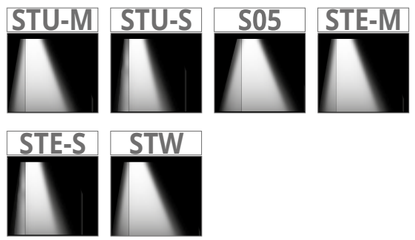
A++ ENERGY CLASS

HIGH PERFORMANCE OPTIC · EXEMPT GROUP · HID · LED · ENERGY SAVING · DIM

GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Ottiche | *Optics*

GOBLET
LED

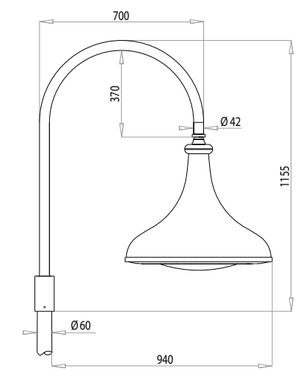


Colori | *Colours*

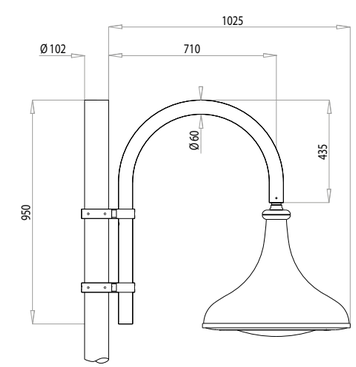
02 Nero satinato
***02** Satin black*

BRACCI | *BRACKETS*

SERIE | SERIES **MG/TP**



SERIE | SERIES **MP**



1. Piscina Natural de Bajamar (Canarie)

La serie **DELOS**, proposta in due diverse grandezze per applicazioni da 5m a 10m, dispone di diversi tipi di ottiche: ottica stradale, simmetrica e per percorsi ciclo-pedonali sia nella soluzione a scarica che in quella a LED. Il sistema d'illuminazione DELOS si caratterizza per una forma stilistica unica, che rivaluta l'uso della ghisa con decori moderni e minimali. DELOS LED è dotato del sistema LED Comfort Light Optic™.

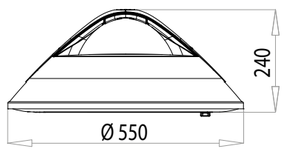
DELOS *is available in LED version for two sizes (5m and 10m). It's possible to choose among different optics for street, urban and cycle-path lighting. The system calls for brackets and poles, which enhance the use of cast iron in modern and minimalist décors.*
DELOS LED features the LED Comfort Light Optic™ system.

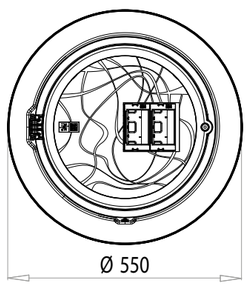
Un efficiente servizio d'illuminazione pubblica deve garantire un'ottima visibilità nelle ore notturne e migliorare la fruibilità degli spazzi, assicurando sempre massima sicurezza ed evitare incidenti e perdita di informazioni sul tragitto.

An efficient public lighting must assure an excellent visibility during the night and improve the usability of urban space, guaranteeing the maximum safety without any accidents and troubles on the road.

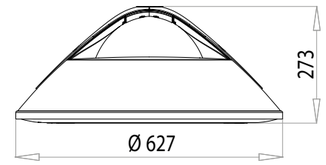
1. Kviteseid (Norway)
2. Ringsaker (Norway)

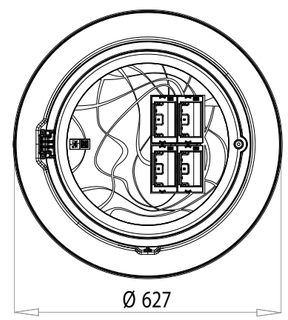
DELOS 1





DELOS 2





Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED:
4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom 1 Step.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

Characteristics

Modular optical system.
LED light source colour temperature:
4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
***F** Fixed power not dimmable.*
***DA** Automatic dimming (virtual midnight) with default profile.*
***DAC** Custom DA profile 1 step.*
***FLC** Constant light flux.*
***WL** Wireless single point communication system.*
***DALI** Digital dimming interface DALI.*
***NEMA** Socket 7 pin (ANSI C136.41).*
***ZHAGA** Socket 4 pin (Book 18).*

Classe di isolamento | *Insulation class*: II (I in opzione/ *optional*).
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

HIGH PERFORMANCE OPTIC · EXEMPT GROUP · HID · LED · ENERGY SAVING · DIM

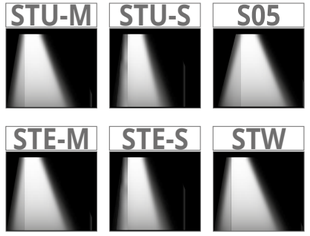
GREENLIGHT
La gamma di apparecchi AEC per illuminazione outdoor è progettata secondo le più stringenti normative a tutela dell'ambiente.
AEC product range is developed according to the strictest standard related to the environmental impact.

Colori | *Colours*

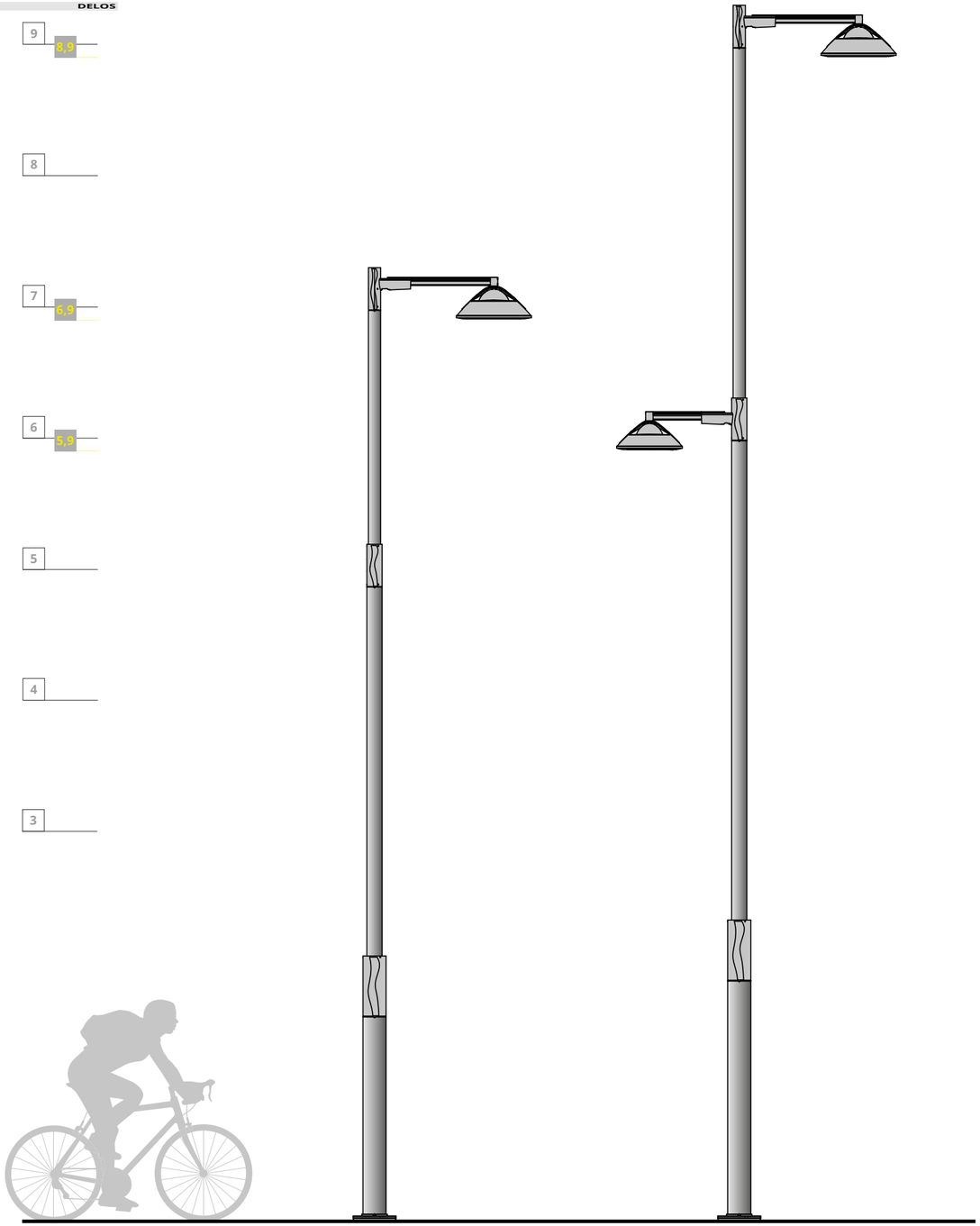
01 Grafite
***01** Graphite*

Ottiche | *Optics*

DELOS LED

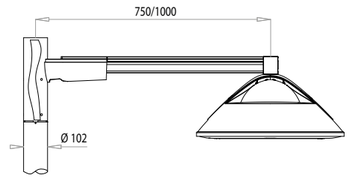


BRACCI | *BRACKETS*



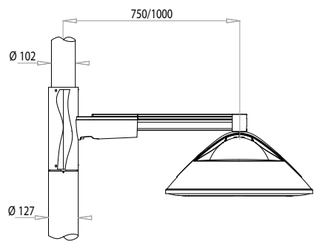
Valori espressi in metri | *Meosures in metres*

SERIE | SERIES **MPD**



SERIE | SERIES **MSPD**

Per punto luce aggiuntivo sfalzato | For staggered version

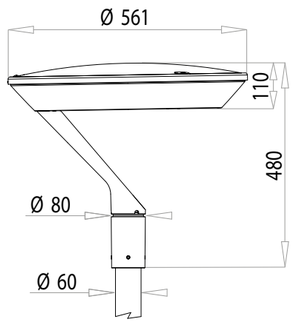


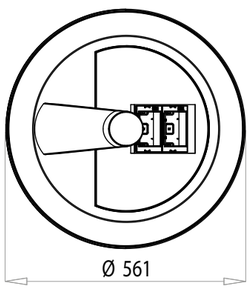
SOLED

Progettato per l'illuminazione di aree urbane verdi e residenziali, **SOLED** è un apparecchio testa palo a tecnologia LED. L'apparecchio è disponibile in tre potenze ed è dotato del sistema LED Comfort Light Optic™.

*Designed for urban and residential green area, **SOLED** is a post top fixture in LED versions. The lighting system has 3 different module sizes and it is provided with LED Comfort Light Optic™.*

SOLED





Caratteristiche

Sistema ottico modulare.
Temperatura di colore sorgente LED:
4000K (3000K in opzione).
CRI ≥70.
Grado di protezione IP66.
Resistenza meccanica IK08.

Opzioni di dimmerazione:
F Fisso non dimmerabile.
DA Dimmerazione automatica (mezzanotte virtuale) con profilo di default.
DAC Profilo DA custom 1 Step.
FLC Flusso luminoso costante.
WL Sistema di comunicazione punto/punto ad onde radio.
DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).

Colori | *Colours*

01 Grafite
01 *Graphite*

1. Pleven (Bulgary)

Characteristics

Modular optical system.
LED light source colour temperature:
4000K (optional 3000K).
CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
F *Fixed power not dimmable.*
DA *Automatic dimming (virtual midnight) with default profile.*
DAC *Custom DA profile 1 step.*
FLC *Constant light flux.*
WL *Wireless single point communication system.*
DALI *Digital dimming interface DALI.*
NEMA *Socket 7 pin (ANSI C136.41).*

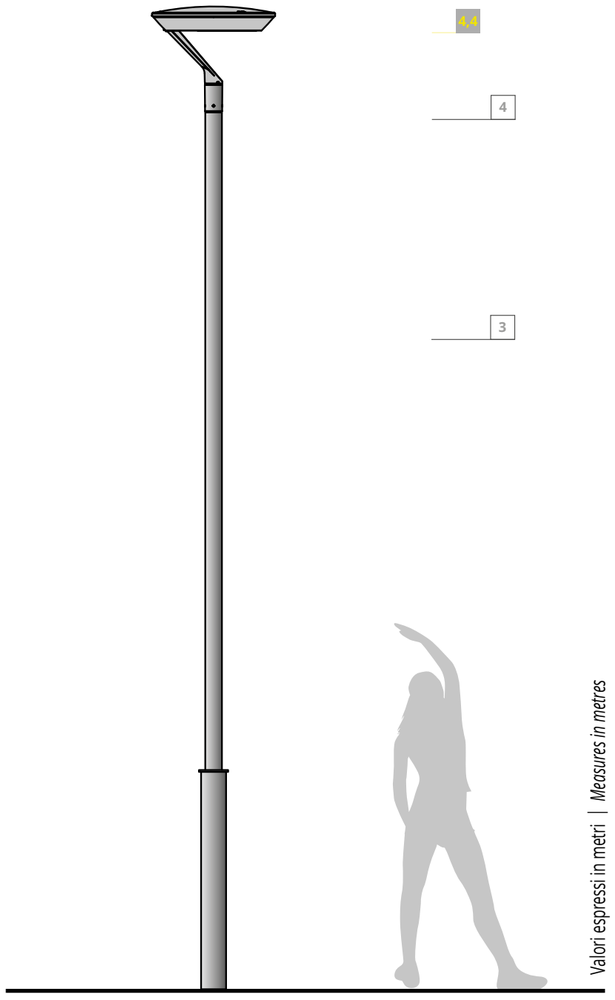
Classe di isolamento | *Insulation class*:
II (I in opzione/ *optional*).
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA.
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

HIGH PERFORMANCE OPTIC · EXEMPT GROUP · HID · LED · ENERGY SAVING · DIM

Ottiche | *Optics*

SOLED
LED



Valori espressi in metri | *Measures in metres*

PU Series altezze punto luce *available luminaire heights* H

REVELAMPE

La tradizione si fa luce in ambienti urbani di pregio e in centri cittadini dallo stile tipicamente europeo. Nonostante il disegno classico dell'apparecchio e dell'ampia serie di candelabri disponibili, **REVELAMPE** si adegua comunque ad esigenze di risparmio energetico e sicurezza. L'apparecchio è disponibile in versione con sorgenti a LED.
REVELAMPE LL32 per lampade SHP e MHL fino a 150W.
REVELAMPE LL35 e LR55 per lampade SHP fino a 250W e CPO fino a 140W.
REVELAMPE LED è dotato del sistema LED Comfort Light Optic™.

*Tradition becomes light in sophisticated urban environments and city centres with a typically European style. In spite of the classic design of the unit and the wide range of lamp holders available, **REVELAMPE** meets the energy saving and safety requirements. The luminaire is available in LED source versions. The version with flat glass fully integrates the unquestionable retro style of the design with a high quality cut-off light.*
REVELAMPE LL32 for SHP and MHL lamps up to 150W.
REVELAMPE LL35 and LR55 for SHP up to 250W and CPO lamps up to 140W.
REVELAMPE LED features the LED Comfort Light Optic™ system.

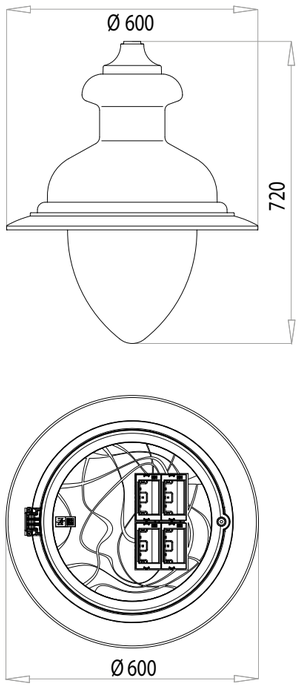
REVELAMPE, progettato per l'illuminazione urbana, coniuga i due concetti di bellezza e funzionalità. L'arredo urbano rappresenta a tutti gli effetti un biglietto da visita della città, per questo tra le strategie amministrative rientra quella di intervenire con apparecchi d'arredo urbano, capaci di esprimere al meglio i concetti di estetica ed efficienza energetica. Altro fattore essenziale nell'arredo urbano è l'uniformità. Le diverse città esprimono identità differenti per storia e cultura. L'illuminazione pubblica gioca un ruolo fondamentale in quanto deve sapersi integrare con queste rendendo l'ambiente uniforme.

REVELAMPE *combines functionality and beauty in urban application. Urban lighting represents important elements. Public Authorities have the responsibility to choose urban fixtures able to respect the environment and to increase the energy saving. Another important factor to take into consideration is uniformity. Exterior lighting has to be more than functional because it has to be able to perfectly integrate with the environment, history and culture of cities.*

1. Moneglia (Italy)
2. Larvik (Norway)

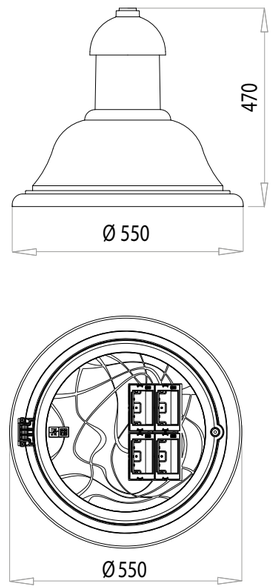
REVELAMPE LL 35

SEMI CUT-OFF



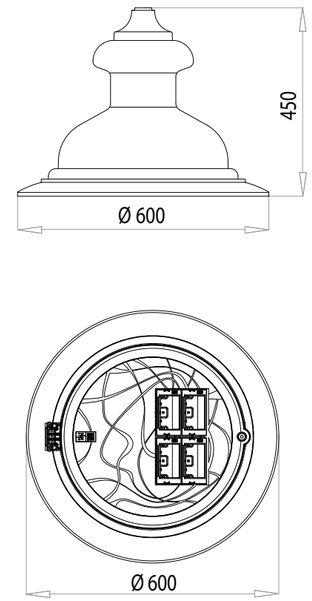
REVELAMPE LR 55 VP

CUT-OFF



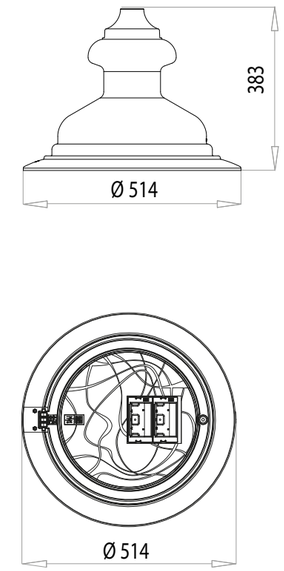
REVELAMPE LL 35 VP

CUT-OFF



REVELAMPE LL 32 VP

CUT-OFF



REVELAMPE
LL35/LL32/LR55
LED

Colori | *Colours*

01 Grafite
01 *Graphite*

Classe di isolamento | *Insulation class*: II
(I in opzione/ optional).
Alimentazione | *Power supply*: 220÷240V - 50/60Hz.
Corrente LED | *LED current*: 525/700 mA
Fattore di potenza | *Power Factor*:
> 0.95 (a pieno carico/*at full load*).

A++ ENERGY CLASS

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CRI ≥70.
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DALI Interfaccia di dimmerazione digitale DALI.
NEMA Presa 7 pin (ANSI C136.41).
ZHAGA Presa 4 pin (Book 18).

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LED light source colour temperature:
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CRI ≥70.
IP66 Protection degree.
IK08 Mechanical resistance.

Dimming options:
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DA *Automatic dimming (virtual midnight) with default profile.*
DAC *Custom DA profile 1 step.*
FLC *Constant light flux.*
WL *Wireless single point communication system.*
DALI *Digital dimming interface DALI.*
NEMA *Socket 7 pin (ANSI C136.41).*
ZHAGA *Socket 4 pin (Book 18).*

Pali | *Poles*

	MATERIALI	*MATERIALS*
UNI EN 10025	Prodotti laminati a caldo di acciai per impieghi strutturali.	*Hot rolled products for structural steel.*
UNI EN 10219	Profilati cavi formati a freddo di acciai non legati e a grano fine per strutture saldate.	*Type Cold formed welded structural hollow sections of non-alloy and fine grain steels.*
UNI EN 485	Alluminio e leghe di alluminio. Lamiere, nastri e piastre.	*Aluminium and aluminium alloys. Sheets, coils, and plates.*
UNI EN 573	Alluminio e leghe di alluminio. Composizione chimica e forma dei prodotti semicolorati.	*Aluminum and aluminum alloys. Chemical composition and shape of semi-colored products.*
UNI EN ISO 1461	Rivestimenti di zincatura per immersione a caldo su prodotti finiti ferrosi e articoli di acciaio. Specificazioni e metodi di prova.	*Hot dip galvanized coatings on fabricated iron and steel articles. Specifications and test methods.*
	PROGETTAZIONE	*DESIGN*
UNI EN 40-1	Pali per illuminazione. Termini e definizioni.	*Lighting columns Definitions and terms.*
UNI EN 40-2	Pali per illuminazione. Dimensioni e tolleranze.	*Lighting columns General requirements and dimensions.*
UNI EN 40-3-1	Pali per illuminazione pubblica. Progettazione e verifica. Specifica dei carichi caratteristici.	*Lighting columns Design and verification Specification for characteristic loads.*
UNI EN 40-3-2	Pali per illuminazione pubblica. Progettazione e verifica. Verifica tramite prova.	*Lighting columns Design and verification Verification by testing.*
UNI EN 40-3-3	Pali per illuminazione pubblica. Progettazione e verifica. Verifica mediante calcolo.	*Lighting columns Design and verification Verification by calculation.*
UNI EN 40-5 (1)	Pali per illuminazione pubblica. Specifiche per pali per illuminazione pubblica di acciaio.	*Lighting columns Requirements for steel lighting columns.*
UNI EN 40-6 (1)	Pali per illuminazione pubblica. Requisiti per pali per illuminazione pubblica di alluminio.	*Lighting columns Requirements for aluminium lighting columns.*

EN40

La norma Europea EN40 "Pali per illuminazione" è stata introdotta nei paesi della Unione Europea nel 2005. La norma regola e controlla i criteri progettuali fino ai requisiti richiesti nelle varie fasi produttive. La marcatura CE diventa quindi garanzia di conformità del prodotto per l'uso dichiarato dal costruttore stesso. È responsabilità del progettista identificare l'area massima di portata del palo e identificarlo in base alla zona di installazione specificata nella seguente tabella "ZONA DI VENTO EN 40-3-1" AEC mette a disposizione attraverso il proprio ufficio tecnico il servizio di verifica strutturale dei pali in base alla composizione dei corpi illuminanti prescelti.

EN40

European standard EN40 "Lighting columns" was introduced in the countries of the European Union in 2005. The standard regulates the design criteria, up to the requirements for the various manufacturing stages. Therefore, the CE marking constitutes a guarantee of conformity of the product for the use declared by the manufacturer. The designer is responsible for identifying the maximum load area of the pole, based on the installation zone. Through its technical department, AEC is able to provide a structural assessment of the poles, which takes into account the composition of the lighting bodies selected.

NORMATIVE | *STANDARDS*

ZONE DI VENTO EN40-3-1

CATEGORIA DEL TERRENO

> categoria di terreno "I"
Costa marina. Costa di lago con lunghezza sopravvento di almeno 5 km. Terreno piano senza ostacoli.

> categoria di terreno "II"
Terreni coltivati cintati da siepi, qualche piccola costruzione agricola, case o alberi.

> categoria di terreno "III"
Aree suburbane o industriali e foreste permanenti.

> categoria di terreno "IV"
Aree urbane in cui almeno il 15 % della superficie è coperto da edifici con altezza media maggiore di 15 m.

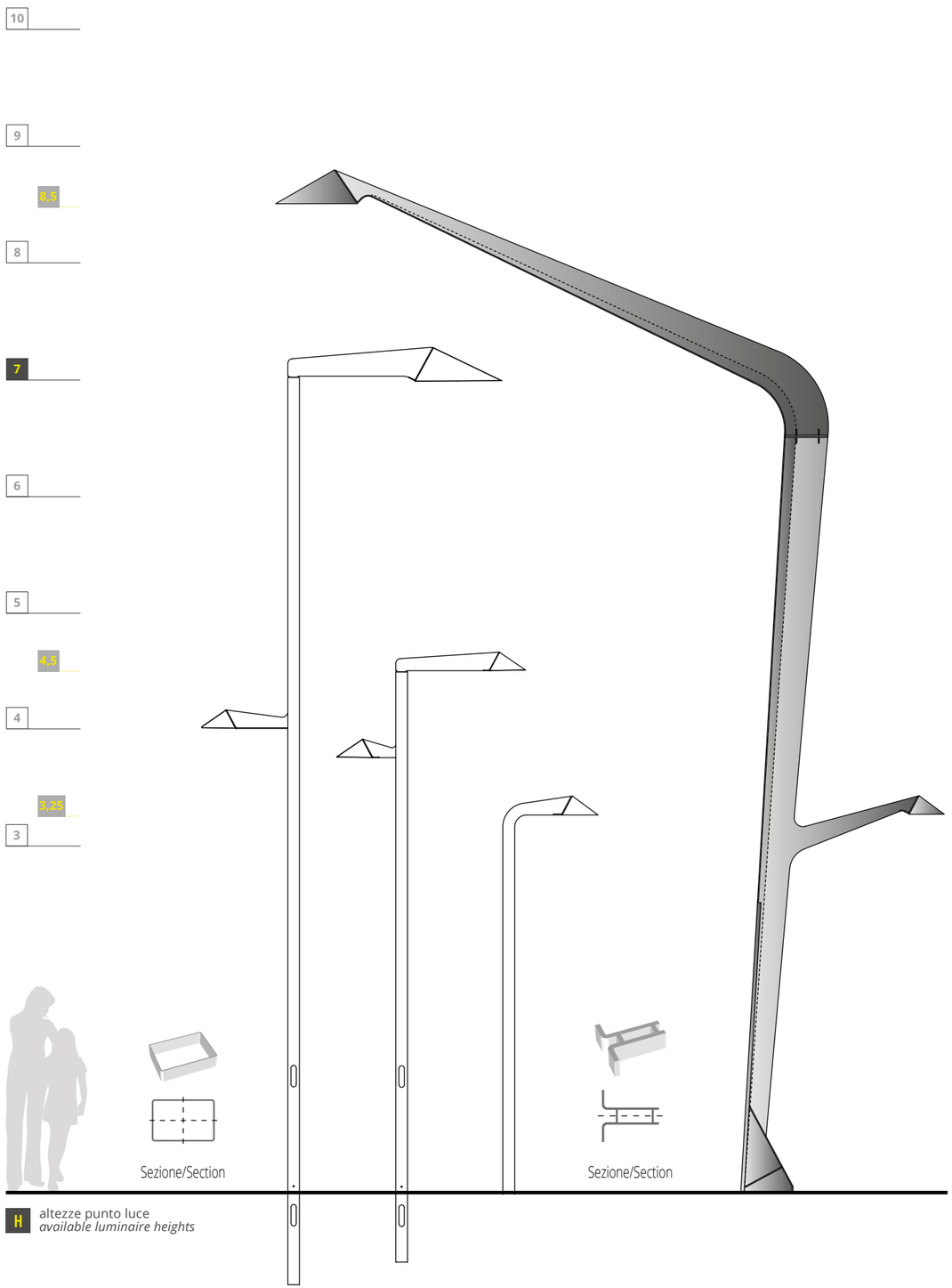
zona	regione - provincia	Vref (m/sec)	Quota limite (m)
1	Val D'Aosta, Piemonte, Lombardia, Trentino, Alto Adige, Veneto, Friuli Venezia Giulia eccetto provincia di Trieste	25 (m/sec)	+ 1.000 m
2	Emilia Romagna	25 (m/sec)	+ 750 m
3	Toscana, Marche, Umbria, Lazio, Abruzzo, Molise, Campania, Puglia, Basilicata e Calabria eccetto provincia di Reggio Calabria	27 (m/sec)	+ 500 m
4	Sicilia e provincia di Reggio Calabria	28 (m/sec)	+ 500 m
5	Sardegna a oriente congiungente Capo Teulada e Maddalena	28 (m/sec)	+ 750 m
6	Sardegna a occidente congiungente Capo Teulada e Maddalena	28 (m/sec)	+ 500 m
7	Liguria	29 (m/sec)	+ 1.000 m
8	Provincia di Trieste	31 (m/sec)	+ 1.500 m
9	Isole (eccetto Sicilia e Sardegna) e mare aperto	31 (m/sec)	+ 500 m

PALI | *POLES*

	PM	DS	EC	EC-R	PU	PQ	PG	PK	PN	PA	PX	PT	CA	PL	PR	AP	PF	PS	PZ	PE	PH	PB	PI	PI S2	PI D2	PV	PO	PD
ARYA		•			•		•				•		•															
STORY		•			•		•				•		•															
COMPASS TP-BR					•		•				•		•				•	•		•			•	•	•	•	•	
COMPASS TP	•	•	•	•			•	•	•	•	•		•															
COMPASS TP-UB					•		•				•		•															
Q-DROME		•			•		•				•		•				•	•	•	•	•	•	•	•	•	•	•	
I-TRON ZERO		•			•		•				•		•				•	•		•			•	•	•	•	•	
I-TRON 1		•			•		•				•		•				•	•		•			•	•	•	•	•	
STYLO																	•	•		•			•	•	•	•	•	
ARTELYS 350/460/DECO	BR	BR			BR		BR				BR		BR															
MOD 2.0 URBAN 200 TP/AC	•		•	•			•	•																				
MOD 2.0 URBAN 250 TP/AC	•		•	•			•	•																				
ITALO 1		•			•		•				•		•			•	•	•	•	•	•	•	•	•	•	•	•	
ITALO 2		•			•		•				•		•			•	•	•	•	•	•	•	•	•	•	•	•	
ITALO 3		•			•		•				•		•				•	•	•	•	•	•	•	•	•	•	•	
ARMODUE		•			•		•				•		•			•	•	•		•			•	•	•	•	•	
ECORAYS TP		•			•		•				•		•															
ECORAYS BR	•		•	•			•		•	•	•		•															
MASTER 3	•	•	•	•	•		•		•	•	•	•	•		•													
MASTER 6	•	•	•	•	•		•		•	•	•	•	•		•													
ITALO 2 URBAN		•			•		•				•		•				•	•	•	•	•	•						•
ITALO 2 URBAN TP		•			•		•				•		•															

	PM	DS	EC	EC-R	PU	PQ	PG	PK	PN	PA	PX	PT	CA	PL	PR	PD	AP	PF	PS	PZ	PE	PH	PB	PI	PI S2	PI D2	PV	PO	REVELAMPE
LOGIKA 1						BR			BR	BR				•				•											
LOGIKA 2						BR			BR	BR				•				•											
Q3-QUADRO						BR								•	•														
Q5-QUADRO						BR								•	•														
ARMONIA 1			BR	BR					BR	BR																			
ARMONIA 2			BR	BR					BR	BR																			
ARMONIA MINI			BR	BR					BR	BR																			
GOBLET			BR	BR			BR		BR	BR																			
DELOS 1																BR													
DELOS 2																BR													
SOLED		•			•		•				•		•																
REVELAMPE LR55																													•
REVELAMPE LL35																													•
ESCAPE																													

BR: Con apposito braccio



ESCAPE

Design series | *Designed by*
Federico Gessi

DESIGN BY FEDERICO GESSI
Il sistema ESCAPE include sostegni per la pubblica illuminazione e complementi d'arredo configurabili sulla base del progetto urbano. Il sistema consiste nella realizzazione di composizioni customizzate, in diverse altezze: combinazioni ad hoc perfettamente contestualizzate nello spazio circostante.

DESIGN BY FEDERICO GESSI
ESCAPE system includes columns and complements for public lighting, freely configurable according to the lighting project. The versatility of the system consists in the realization of customized compositions in different heights: combinations perfectly contextualized in the surrounding space.

Federico Gessi è un giovane artista permeabile a suggestioni ed emozioni. Le sculture che realizza hanno il senso costruttivo che viene dall'autore, dall'essere ingegnere: sono forme geometriche ben incastrate fra loro, ma dalla configurazione tutt'altro che semplice. Forme che si sovrappongono, si intersecano, si amalgamano; si studiano con simpatia o antipatia, si attraggono e si respingono. Forme ottenute con materiali diversi quali legno, metallo, resina. Forme dai colori precisi che esprimono dinamismo, forme emotive: briose e attraenti quelle morbide dei giorni sereni; ispide e "ferrose" quelle delle giornate rese fosche dai problemi. "Sculture fluide", come fluido è il correre del tempo.

Federico Gessi *is a young artist permeable to memories and emotions. The sculptures from him realized come out from the artist background as an engineer: geometric shapes are well stuck together, but by no simple configuration. Forms that overlap, intersect, blend; are studied with sympathy or antipathy, attract and repel. Forms obtained with different materials such as wood, metal, resin. Forms with colors that express dynamism, emotional forms: lively and attractive ones of halcyon days, bristly and "iron" of those days made dismal by the problems."Fluid sculpture", as fluid is the passage of time.*

Franco Panzini

APPLICAZIONI | *APPLICATIONS*

1. Pesaro (Italy)
2. Pesaro (Italy)
3. Pesaro (Italy)
4. Pesaro (Italy)

APPLICAZIONI SU PALO
APPLICATIONS ON POLES

1. Pesaro (Italy)
2. Pesaro (Italy)

La riqualificazione della zona mare di Pesaro, è partita dalla Sfera Grande di Arnaldo Pomodoro e ha riguardato Piazza della Libertà e Viale della Repubblica. Per questo progetto il Comune di Pesaro ha scelto AEC Illuminazione, con il sistema ESCAPE disegnato dal Designer Federico Gessi. ESCAPE include sostegni per la pubblica illuminazione e complementi d'arredo configurabili sulla base del progetto urbano. Il sistema consiste nella realizzazione di composizioni customizzate, in diverse altezze da 3,25m – 4,5m e 7m. Un'efficiente soluzione che il comune di Pesaro ha scelto per dare valore allo storico viale di questa splendida cittadina, assicurando ai cittadini e turisti elevato comfort visivo, sostenibilità ambientale e maggiore sicurezza.

The re-styling of Pesaro started from "Sfera Grande" engineered by Arnaldo Pomodoro, and it has included Piazza della Libertà and Viale della Repubblica. For this project, Pesaro Municipality has chosen AEC Illuminazione with ESCAPE System designed by Federico Gessi. ESCAPE System includes columns and complements for public lighting, freely configurable according to the lighting project. The versatility of the system consists in the realization of customized compositions in different heights (from 3,25m – 4,25m and 7m) and combinations perfectly contextualized in the surrounding space. This efficient solution has assured visual comfort, sustainability and more safety for both visitors and tourists.

RX2

MOD 2.0 URBAN 200

Palo rettangolare | *Rectangular pole 200x80*

Palo in alluminio a sezione rettangolare, realizzato in un unico tratto trafilato*.
I pali della serie RX2 fanno parte dell'apparecchio MOD 2.0 URBAN 200.
Verniciatura a polveri poliestere.
Cod. 01 RAL Standard
Cod. 02, 02, 03, 04 RAL su richiesta.

* La serie RX2 è disponibile anche nella versione in acciaio. Per maggiori informazioni consultare la scheda tecnica (scaricabile dal sito www.aecilluminazione.it) e il listino prezzi.

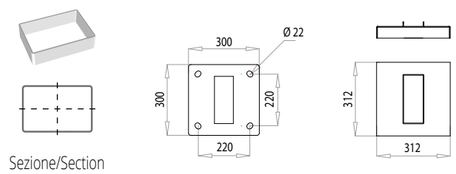
Rectangular cross section aluminium pole consisting of one single drawn section.*
The poles of the RX2 range are part of the luminaire MOD 2.0 URBAN 200. Polyester powder coating.
Cod. 01 RAL Standard
Cod. 02, 02, 03, 04 RAL on request.

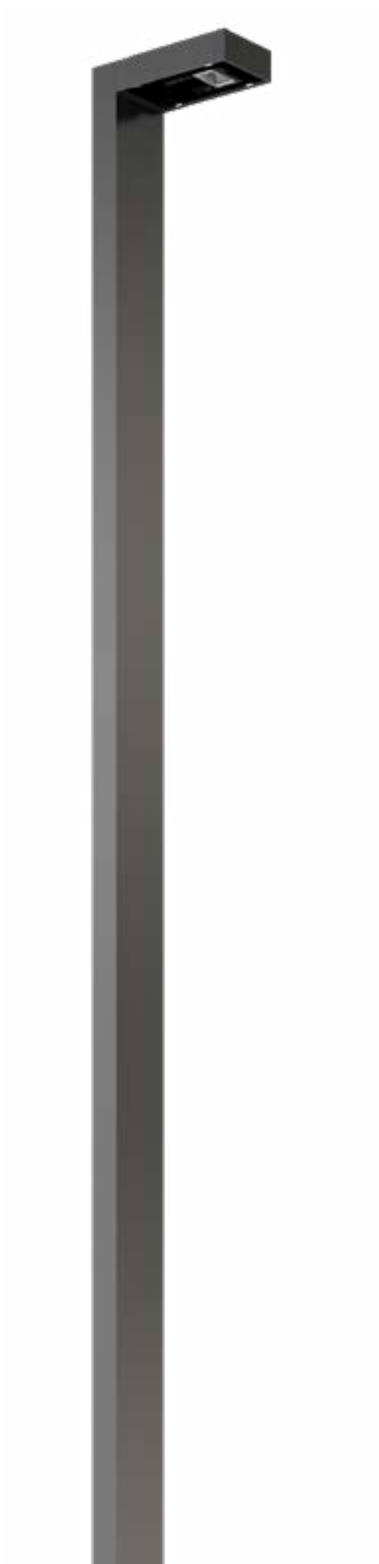
* *RX2 series is also available in steel version. For more information please consult the technical data sheet (available on the website www.aecilluminazione.com) and the price list.*

10
9
8
7
6
5
4
3

H altezze punto luce
available luminaire heights

Valori espressi in metri | *Meosures in metres*



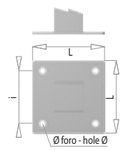


ACCESSORI
ACCESSORIES

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

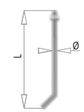
	Standard *Standard*
RX2 4000	T-39 Q
RX2 5000	T-39 Q
RX2 6000	T-39 Q

Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
RX2 4000	200	300X300	22	15
RX2 5000	200	300X300	22	15
RX2 6000	200	300X300	22	15



KIT TIRAFONDI - *ANCHOR BOLTS*

L	500
Ø	M 18

Valori espressi in millimetri | *Measures in millimeters*

RX2

MOD 2.0 URBAN 200

Palo rettangolare | *Rectangular pole 200x80*

			RX2 4000	RX2 5000	RX2 6000
DIMENSIONI ***DIMENSIONS***	**D1**	Tratto unico (Ø x spessore) *Single section (Ø x thickness)*	200x80x6,7 mm	200x80x6,7 mm	200x80x6,7 mm
MATERIALI ***MATERIALS***		Tratto unico *Single section*	ENAW 6063 T66	ENAW 6063 T66	ENAW 6063 T66
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	250x80 mm	250x80 mm	250x80 mm
	A2	Asola ingresso cavi *Cable slot*	132x38 mm	132x38 mm	132x38 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*		
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	4000 mm	5000 mm	6000 mm
	H1	Altezza portella *Hatch height*	1000 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		500 mm	500 mm	800 mm
PESO ***WEIGHT***			44 kg	54 kg	67 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

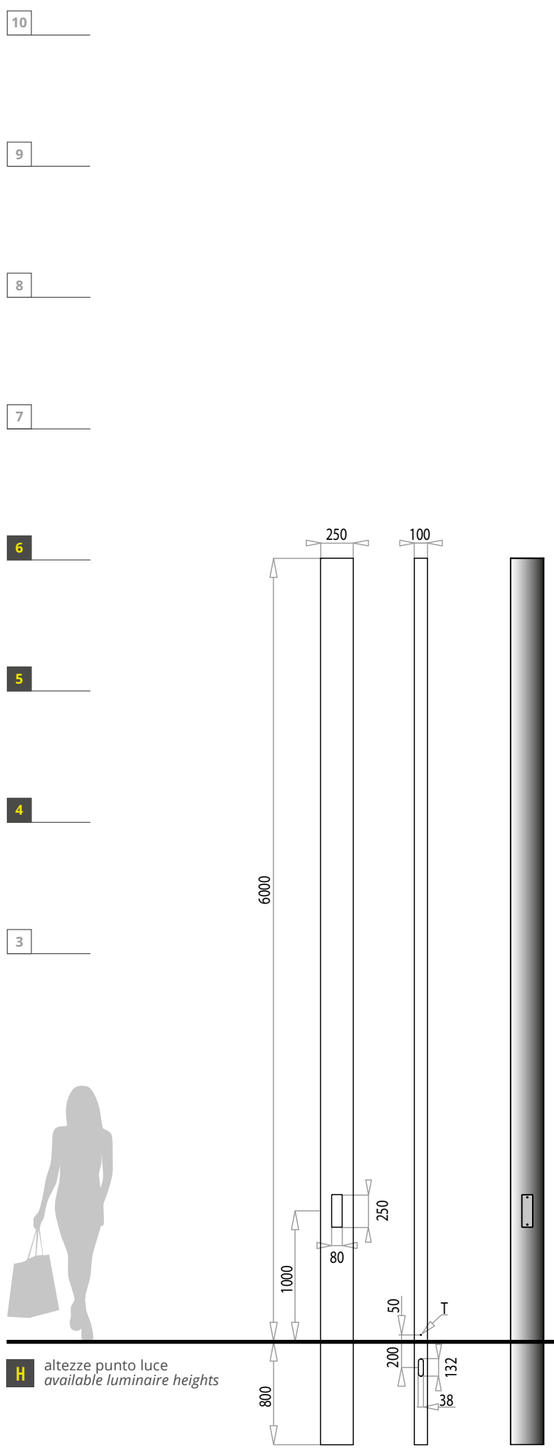
RX3

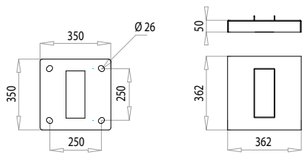
MOD 2.0 URBAN 250

Palo rettangolare | *Rectangular pole 250x100*

Palo in alluminio a sezione rettangolare, realizzato in un unico tratto trafilato*.
I pali della serie RX3 fanno parte dell'apparecchio MOD 2.0 URBAN 250.
Verniciatura a polveri poliestere.
Cod. 01 RAL Standard
Cod. 02, 03, 04 RAL su richiesta.

Rectangular cross section aluminium pole consisting of one single drawn section.*
The poles of the RX3 range are part of the luminaire MOD 2.0 URBAN 250. Polyester powder coating.
Cod. 01 RAL Standard
Cod. 02, 03, 04 RAL on request.





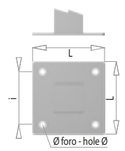
Valori espressi in metri | *Meosures in metres*

ACCESSORI
ACCESSORIES

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

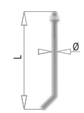
	Standard *Standard*
RX3 4000	MVE/416/00DIN
RX3 5000	MVE/416/00DIN
RX3 6000	MVE/416/00DIN

Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
RX3 4000	250	350x350	26	20
RX3 5000	250	350x350	26	20
RX3 6000	250	350x350	26	20



KIT TIRAFONDI - *ANCHOR BOLTS*

L	500
Ø	M 22

Valori espressi in millimetri | *Measures in millimeters*

RX3

MOD 2.0 URBAN 250

Palo rettangolare | *Rectangular pole 250x100*

			RX3 4000	RX3 5000	RX3 6000
DIMENSIONI ***DIMENSIONS***	**D1**	Tratto unico (Ø x spessore) *Single section (Ø x thickness)*	250x100x6 mm	250x100x6 mm	250x100x6 mm
MATERIALI ***MATERIALS***		Tratto unico *Single section*	ENAW 6063 T66	ENAW 6063 T66	ENAW 6063 T66
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	250x80 mm	250x80 mm	250x80 mm
	A2	Asola ingresso cavi *Cable slot*	132x38 mm	132x38 mm	132x38 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*		
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	4000 mm	5000 mm	6000 mm
	H1	Altezza portella *Hatch height*	1000 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		500 mm	500 mm	800 mm
PESO ***WEIGHT***			54 kg	62 kg	77 kg

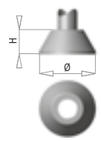
La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

ACCESSORI
ACCESSORIES

PM

Valori espressi in metri | *Measures in metres*



BASE BA/1

	PM 4 - PM 5 - PM 6
H	160
Ø	260

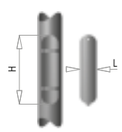
BASE BA/2

	PM 7 - PM 8
H	160
Ø	360

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	Filo palo *Flush mounted*
PM 4	T-39	RESET 11
PM 5	T-39	RESET 11
PM 6	T-39-G	RESET 16
PM 7	T-39-G	RESET 16
PM 8	T-39-G	RESET 16

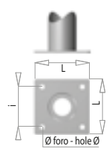
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

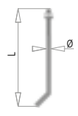
HxL	300x65

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
PM 4	180	250x250	22	10
PM 5	180	250x250	22	10
PM 6	180	250x250	22	10
PM 7	180	250x250	22	10
PM 8	180	250x250	22	10



KIT TIRAFONDI - *ANCHOR BOLTS*

L	500
Ø	M 18

Valori espressi in millimetri | *Measures in millimeters*

Palo in acciaio a sezione circolare realizzato in un unico tratto. Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo.
Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere.
Cod. 01,02,03,04, RAL su richiesta.

Circular cross section steel pole consisting of one single section. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door.
Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating.
Code 01,02,03,04, RAL on request.

			PM 4	PM 5	PM 6	PM 7	PM 8
DIMENSIONI ***DIMENSIONS***	**D1**	Tratto unico (Ø x spessore) *Single section (Ø x thickness)*	102x3mm	102x3 mm	114x3 mm	127x3 mm	127x3 mm
	D3	Codolo finale *Final spigot*	60	60	102	102	102
MATERIALE ***MATERIAL***		Tratto unico *Single section*	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	132x38 mm	132x38 mm	132x38 mm	186x45 mm	186x45 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*				
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	4000 mm	5000 mm	6000 mm	7000 mm	8000 mm
	H1	Altezza portella *Hatch height*	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm	200 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		500 mm	500 mm	500 mm	800 mm	800 mm
PESO ***WEIGHT***			33 kg	40 kg	55 kg	73 kg	83 kg

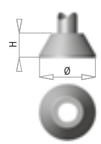
I pali riportati in tabella sono verificati con i seguenti parametri: A: 1 braccio per un apparecchio fino a 25 m/s in categoria II; B: 2 bracci per 2 apparecchi fino a 29 m/s in categoria II. La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The poles in the table are verified according to: A: 1 bracket for 1 luminaire up to 25m/s in category II; B: 2 brackets for 2 luminaires up to 29m/s in category II. The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

10
9
8
7
6
5
4
3,5
3

ACCESSORI
ACCESSORIES

DS



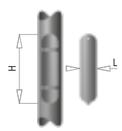
BASE BA/1

H	160
Ø	260

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	Filo palo *Flush mounted*
DS 3	T-39	RESET 11
DS 3,5	T-39	RESET 11
DS 4	T-39	RESET 11

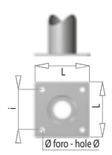
* Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

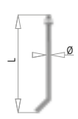
HxL	300x65

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
DS 3	180	250x250	22	10
DS 3,5	180	250x250	22	10
DS 4	180	250x250	22	10



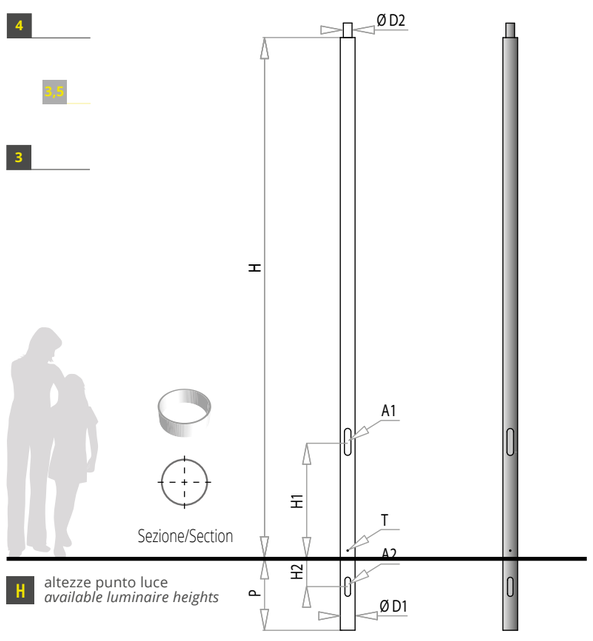
KIT TIRAFONDI - *ANCHOR BOLTS*

L	500
Ø	M 18

Valori espressi in millimetri | *Measures in millimeters*

Palo in acciaio a sezione circolare realizzato in un unico tratto con codolo finale, composto da elementi tubolari saldati in sequenza. Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo. Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere.
Cod. 01,02,03,04, RAL su richiesta.

Circular cross section steel pole consisting of one single section with end spigot, made of tubular elements welded in sequence. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door.
Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating.
Code 01,02,03,04, RAL on request.



H altezze punto luce
available luminaire heights

			DS 3	DS 3,5	DS 4
DIMENSIONI ***DIMENSIONS***	**D1**	1° Tratto (Ø x spessore) *1st Section (Ø x thickness)*	102x3 mm	102x3 mm	102x3 mm
	D2	Codolo finale (Ø x spessore) *Final spigot (Ø x thickness)*	60x3 mm	60x3 mm	60x3 mm
MATERIALI ***MATERIALS***	**D1**	1° Tratto *1st Section*	S235 JR	S235 JR	S235 JR
	D2	Codolo finale *Final spigot*	S235 JR	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	132x38 mm	132x38 mm	132x38 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*		
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	3000 mm	3500 mm	4000 mm
	H1	Altezza portella *Hatch height*	800 mm	800 mm	800 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		500 mm	500 mm	500 mm
PESO ***WEIGHT***			26 kg	30 kg	34 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

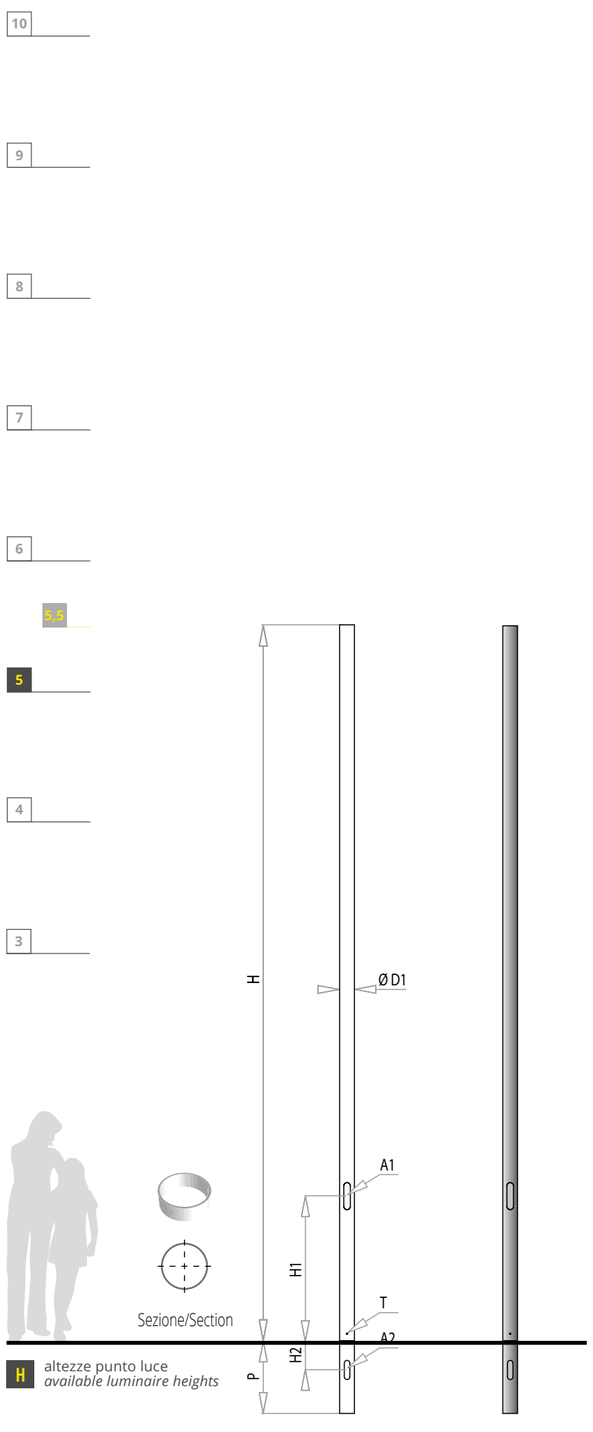
The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

Valori espressi in metri | *Measures in metres*

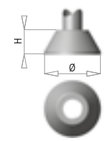
ACCESSORI
ACCESSORIES

EC

SEZIONE UNICA | *SINGLE SECTION*



Valori espressi in metri | *Measures in metres*



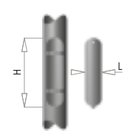
BASE BA/1

H	160
Ø	260

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard ***Standard***	**Filo palo** ***Flush mounted***
EC 5 A	T-39	RESET 11
EC 5 B	T-39	RESET 11
EC 5,5 A	T-39	RESET 11
EC 5,5 B	T-39	RESET 11

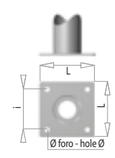
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

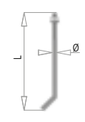
HxL	300x65

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*



PIASTRA - *PLATE*

	i	**LxL**	**Ø Foro** ***Hole Ø***	**Spessore** ***Thickness***
EC 5 A	180	250x250	22	10
EC 5 B	180	250x250	22	10
EC 5,5 A	180	250x250	22	10
EC 5,5 B	180	250x250	22	10



KIT TIRAFONDI - *ANCHOR BOLTS*

L	500
Ø	M 18

Valori espressi in millimetri | *Measures in millimeters*

Palo in acciaio a sezione circolare realizzato in un unico tratto. Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo.
Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere.
Cod. 01,02,03,04, RAL su richiesta.

Circular cross section steel pole consisting of one single section. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door.
Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating.
Code 01,02,03,04, RAL on request.

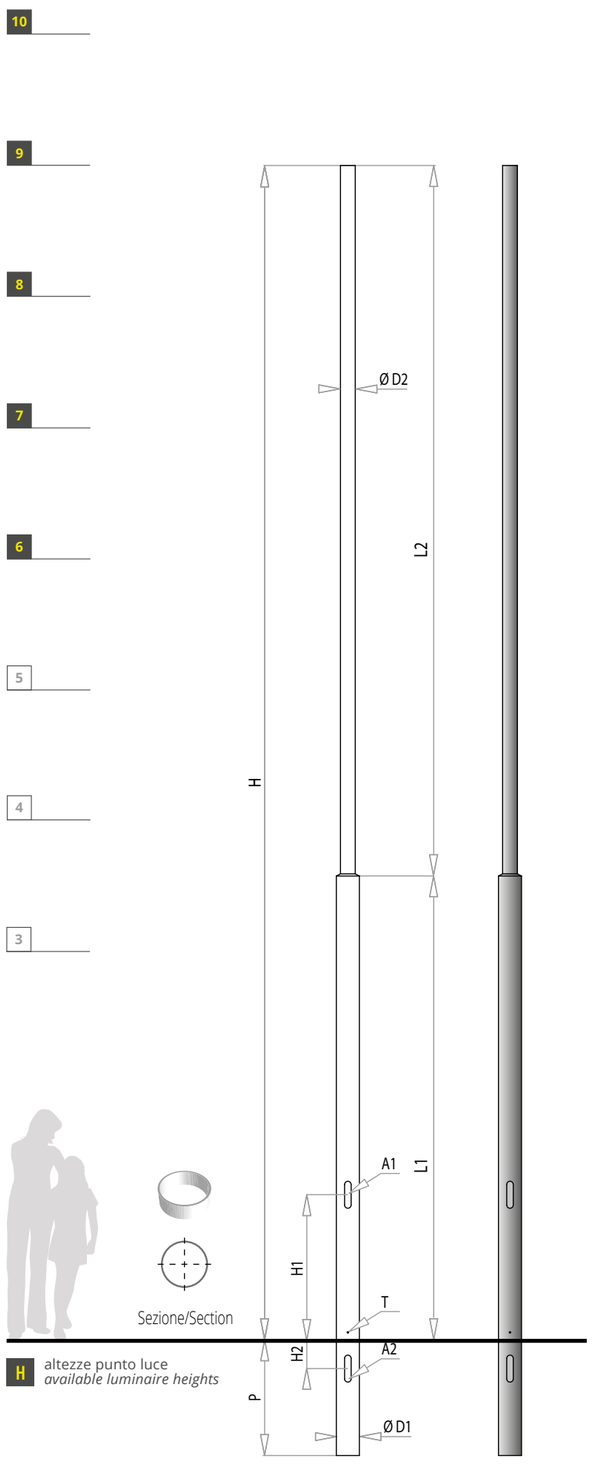
			EC 5 A	**EC 5 B**	**EC 5,5 A**	**EC 5,5 B**
DIMENSIONI ***DIMENSIONS***	**D1**	Tratto unico (Ø x spessore) *Single section (Ø x thickness)*	102x3mm	102x3 mm	102x3 mm	102x3 mm
MATERIALI ***MATERIALS***		Tratto unico *Single section*	S235 JR	S355 JR	S235 JR	S355 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	132x38 mm	132x38 mm	132x38 mm	132x38 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*			
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	5000 mm	5000 mm	5500 mm	5500 mm
	H1	Altezza portella *Hatch height*	1000 mm	1000 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		500 mm	500 mm	500 mm	500 mm
PESO ***WEIGHT***			40 kg	40 kg	43,5 kg	43,5 kg

I pali riportati in tabella sono verificati con i seguenti parametri: A: 1 braccio per un apparecchio fino a 25 m/s in categoria II; B: 2 bracci per 2 apparecchi fino a 29 m/s in categoria II. La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The poles in the table are verified according to: A: 1 bracket for 1 luminaire up to 25m/s in category II; B: 2 brackets for 2 luminaires up to 29m/s in category II. The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

ACCESSORI
ACCESSORIES

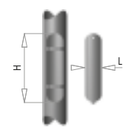
EC
RASTREMATO | *TAPERED*



PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	Filo palo *Flush mounted*
EC 6	T-39 G	RESET 18
EC 7	T-39 G	RESET 18
EC 8	T-39 G	RESET 18
EC 9	T-39 G	RESET 18

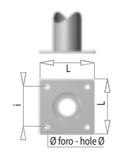
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

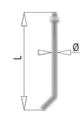
HxL	300x65
	400x90

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
EC 6	180	250x250	22	10
EC 7	180	250x250	22	10
EC 8	180	250x250	22	10
EC 9	300	400x400	33	20
EC 10	300	400x400	33	20



KIT TIRAFONDI - *ANCHOR BOLTS*

	EC 6 - EC 7 - EC 8	EC 9 - EC 10
L	500	700
Ø	M 18	M 27

Valori espressi in millimetri | *Measures in millimeters*

Palo in acciaio a sezione circolare rastremato con rondella d'acciaio tornita, composto da due tratti, realizzato con elementi tubolari saldati in sequenza. Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo. Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere. Cod. 01,02,03,04, RAL su richiesta.

Circular cross section tapered steel pole with turned steel gasket, consisting of two sections, made of tubular elements welded in sequence. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door.
Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating. Code 01,02,03,04, RAL on request.

			EC 6	EC 7	EC 8	EC 9	EC 10
DIMENSIONI ***DIMENSIONS***	**D1**	1° Tratto (Ø x spessore) *1st Section (Ø x thickness)*	159x3 mm	159x3 mm	159x3 mm	159x3 mm	159x3 mm
	L1	Lunghezza 1° Tratto *1st Section length*	2200 mm	3200 mm	3200 mm	4000 mm	4500 mm
	D2	2° Tratto (Ø x spessore) *2nd Section (Ø x thickness)*	102x3 mm	102x3 mm	102x3 mm	102x3 mm	102x3 mm
	L2	Lunghezza 2° Tratto *2nd Section length*	3800 mm	3800 mm	4500 mm	5000 mm	5500 mm
MATERIALI ***MATERIALS***	**D1**	1° Tratto *1st Section*	S235 JR	S235 JR	S235 JR	S235 JR	S355 JR
	D2	2° Tratto *2nd Section*	S235 JR	S235 JR	S235 JR	S235 JR	S355 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*				
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	6000 mm	7000 mm	7700 mm	9000 mm	10000 mm
	H1	Altezza portella *Hatch height*	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm	200 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		800 mm	800 mm	800 mm	800 mm	1000 mm
PESO ***WEIGHT***			65 kg	77 kg	82 kg	95 kg	105 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

Valori espressi in metri | *Measures in metres*

10
9
8
7
6
5
4
3,5
3

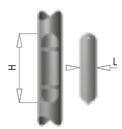
ACCESSORI
ACCESSORIES

PU

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard ***Standard***	**Filo palo** ***Flush mounted***
PU 3,5	T-39	RESET 12
PU 4	T-39	RESET 12

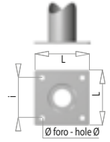
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

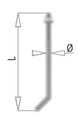
HxL	300x65
	400x75

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
PU 3,5	180	250x250	22	10
PU 4	180	250x250	22	10



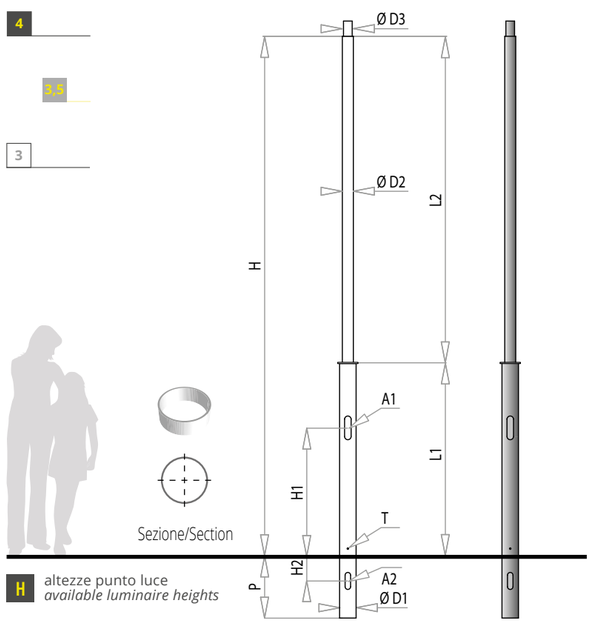
KIT TIRAFONDI - *ANCHOR BOLTS*

L	500
Ø	M 18

Valori espressi in millimetri | *Measures in millimeters*

Palo in acciaio a sezione circolare rastremato con rondella di giunzione a forma piatta in acciaio tornito, composto da due tratti, realizzato con elementi tubolari saldati in sequenza. Codolo attacco apparecchio testa palo. Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo. Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere. Cod. 01,02,03,04, RAL su richiesta.

Circular cross section tapered steel pole with a turned steel plain junction gasket, consisting of two sections, with tubular elements welded in sequence. Unit connection spigot at the top of the pole. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door. Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating. Code 01,02,03,04, RAL on request.



H altezze punto luce
available luminaire heights

			PU 3,5	PU 4
DIMENSIONI ***DIMENSIONS***	**D1**	1° Tratto (Ø x spessore) *1st Section (Ø x thickness)*	114x3 mm	114x3 mm
	L1	Lunghezza 1° Tratto - *1st Section length*	1000 mm	1000 mm
	D2	2° Tratto (Ø x spessore) *2nd Section (Ø x thickness)*	76x3 mm	76x3 mm
	L2	Lunghezza 2° Tratto - *2nd Section length*	2500 mm	3000 mm
	D3	Codolo finale (Ø x spessore) *Ending spigot(Ø x thickness)*	60x3 mm	60x3 mm
MATERIALI ***MATERIALS***	**D1**	1° Tratto - *1st Section*	S235 JR	S235 JR
	D2	2° Tratto - *2nd Section*	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera - *Terminal block hole*	186x45 mm	186x45 mm
	A2	Asola ingresso cavi - *Cable slot*	132x38 mm	132x38 mm
	T	Messa a terra - *Grounding*	Inserto filettato M10, zincato *M10 threaded, galvanized insert*	
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce - *Luminaire height*	3500 mm	4000 mm
	H1	Altezza portella - *Hatch height*	600 mm	600 mm
	H2	Asola passaggio cavi - *Cable slot height*	200 mm	200 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		500 mm	500 mm
PESO ***WEIGHT***			26 kg	30 kg

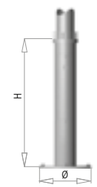
La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

Valori espressi in metri | *Measures in metres*

Valori espressi in metri | *Measures in metres*

ACCESSORI
ACCESSORIES



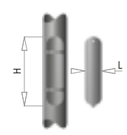
BASE BQ

	Ø A	Ø B	H
PQ 5	140	350	1077
PQ 6	159	350	1077
PQ 7	159	350	1277
PQ 8	168	400	1277
PQ 9	168	400	1577
PQ 10	168	400	1577

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	Filo palo *Flush mounted*
PQ 5	T-39	RESET 11
PQ 6	T-39 G	RESET 16
PQ 7	T-39 G	RESET 16
PQ 8	T-39 G	RESET 17
PQ 9	T-39 G	RESET 17
PQ 10	T-39 G	RESET 17

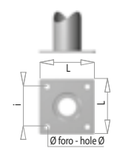
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

HxL	300x65
	400x90*

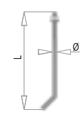
Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*
* Escluso PQ5. *Except PQ5.*



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
PQ 5	180	250x250	22	15
PQ 6	180	250x250	22	15
PQ 7	180	250x250	22	15
PQ 8	180	250x250	22	15
PQ 9	260	350x350	30	20
PQ 10	260	350x350	30	20

FINALE ALETTATO - *TOP DECOR*



KIT TIRAFONDI - *ANCHOR BOLTS*

	PQ 5 - PQ 6 - PQ 7 - PQ 8	PQ 9 - PQ 10
L	500	700
Ø	M 18	M 27

Valori espressi in millimetri | *Measures in millimeters*

PQ

Palo in acciaio a sezione circolare con rastremature stampate, composto da due tratti (solo versione PQ 5) e tre tratti, realizzato con elementi tubolari raccordati e saldati in sequenza. Il palo è dotato di decoro alettato copri-rastrematura in acciaio. Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo. Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere. Cod. 01,02,03,04, RAL su richiesta.

Circular cross section steel pole with formed tapering, consisting of two sections (PQ 5 version only) or three sections, made of tubular joint elements welded in sequence. The pole has a finned steel trim to cover the tapering. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door. Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish.
Polyester powder coating. Code 01,02,03,04, RAL on request.

			PQ 5	PQ 6	PQ 7	PQ 8	PQ 9	PQ 10
DIMENSIONI ***DIMENSIONS***	**D1**	1° Tratto (Ø x spessore) *1st Section (Ø x thickness)*	102x3 mm	127x3 mm	127x3 mm	139x3 mm	139x4 mm	139x4 mm
	L1	Lunghezza 1° Tratto *1st Section length*	4400 mm	4400 mm	5200 mm	6200 mm	6900 mm	7900 mm
	D2	2° Tratto (Ø x spessore) *2nd Section (Ø x thickness)*	-	102x3 mm	102x3 mm	114x3 mm	114x3 mm	114x3 mm
	L2	Lunghezza 2° Tratto *2nd Section length*	-	1000 mm	1200 mm	1200 mm	1500 mm	1500 mm
	D3	3° Tratto (Ø x spessore) *3rd Section (Ø x thickness)*	89x3 mm	89x3 mm	89x3 mm	102x3 mm	102x3 mm	102x3 mm
	L3	Lunghezza 3° Tratto *3rd Section length*	600 mm	600 mm	600 mm	600 mm	600 mm	600 mm
MATERIALI ***MATERIALS***	**D1**	1° Tratto - *1st Section*	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR
	D2	2° Tratto - *2nd Section*	-	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR
	D3	3° Tratto - *3rd Section*	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	132x38 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*					
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	5000 mm	6000 mm	7000 mm	8000 mm	9000 mm	10000 mm
	H1	Altezza portella *Hatch height*	800 mm	800 mm	800 mm	800 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		500 mm	800 mm	800 mm	800 mm	1000 mm	1000 mm
PESO - *WEIGHT*			40 kg	58 kg	68 kg	83 kg	122 kg	135 kg

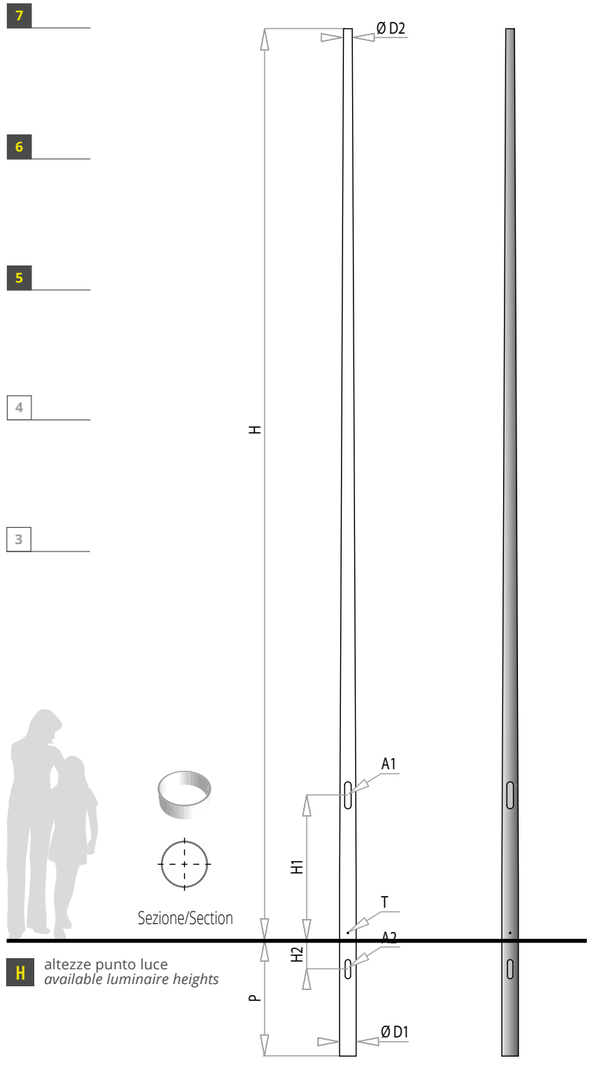
La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

10
9
8
7
6
5
4
3

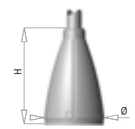
ACCESSORI
ACCESSORIES

PG



H altezze punto luce
available luminaire heights

Valori espressi in metri | *Measures in metres*



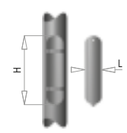
BASE BG

H	574
Ø	360

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard ***Standard***	**Filo palo** ***Flush mounted***
PG 5	T-39 P	-
PG 6	T-39 G	RESET 12
PG 7	T-39 G	RESET 12

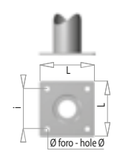
* Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - ***MAXI TERMINAL BLOCK HOLE***

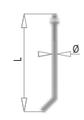
HxL	300x65*

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*
* Escluso PG 5. *Except PG 5.*



PIASTRA - ***PLATE***

	i	**LxL**	**Ø Foro** ***Hole Ø***	**Spessore** ***Thickness***
PG 5	180	250x250	22	10
PG 6	180	250x250	22	10
PG 7	180	250x250	22	10



KIT TIRAFONDI - ***ANCHOR BOLTS***

L	500
Ø	M 18

Valori espressi in millimetri | *Measures in millimeters*

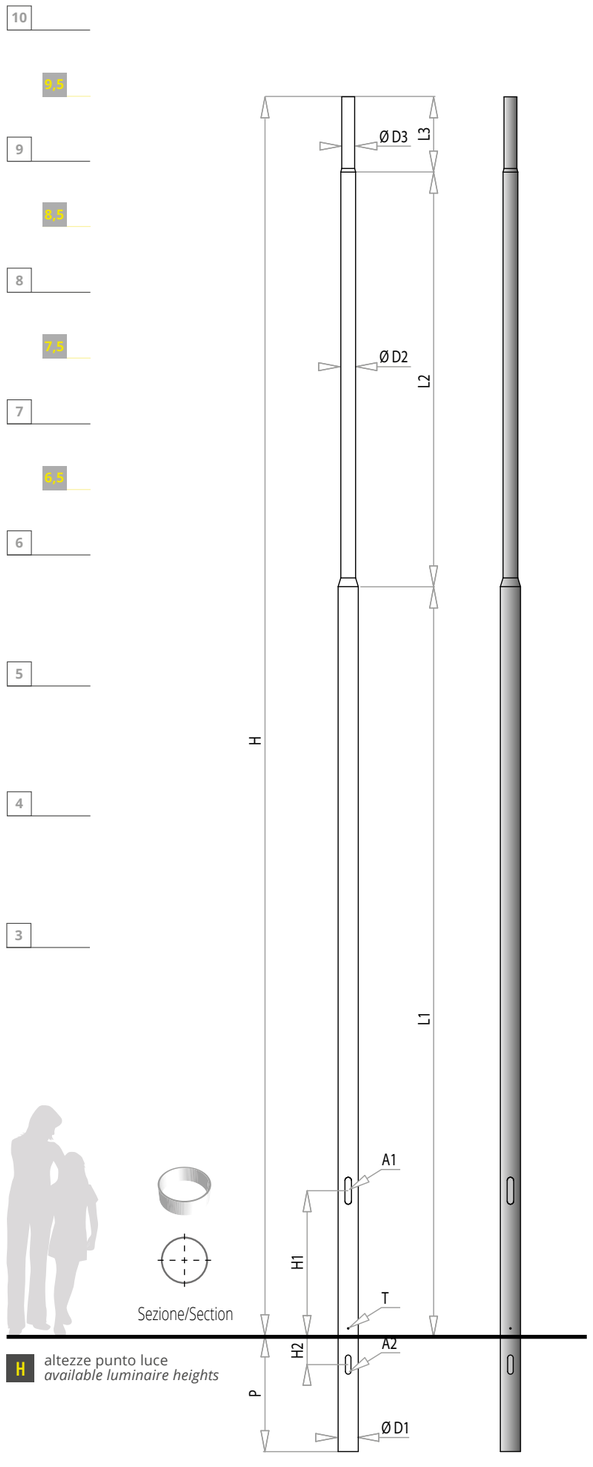
Palo in acciaio a sezione circolare conica, HSP. Palo ottenuto mediante laminazione a caldo di tubo S275 JR saldato ERW. Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo. Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere.
Cod. 01,02,03,04, RAL su richiesta.

Conical circular section from a hot roll tube in S275 JR steel, ERW welded. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door. Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating.
Code 01,02,03,04, RAL on request.

			PG 5	**PG 6**	**PG 7**
DIMENSIONI ***DIMENSIONS***	**D1**	Dimensione alla base (Ø x spessore) *Dimension at the base (Ø x thickness)*	89x3,4 mm	114x3,4 mm	114x3,4 mm
	D2	Dimensione in testa (Ø) *Dimension at the top (Ø)*	60 mm	60 mm	60 mm
MATERIALI ***MATERIALS***		Tratto unico *Single section*	S275 JR	S275 JR	S275 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	132x38 mm	186x45 mm	186x45 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*		
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	5000 mm	6000 mm	7000 mm
	H1	Altezza portella *Hatch height*	1000 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		500 mm	800 mm	800 mm
PESO ***WEIGHT***			30 kg	48 kg	57 kg

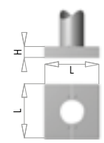
La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.



Valori espressi in metri | *Measures in metres*

ACCESSORI
ACCESSORIES



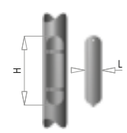
BASE BK

LxL	312x312
H	65

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	Filo palo *Flush mounted*
PK 6,5	T-39 G	RESET 16
PK 7,5	T-39 G	RESET 16
PK 8,5	T-39 G	RESET 17
PK 9,5	T-39 G	RESET 17

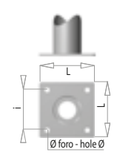
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

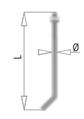
HxL	300x65
	400x90

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
PK 6,5	180	250x250	22	15
PK 7,5	260	350x350	30	20
PK 8,5	260	350x350	30	20
PK 9,5	260	350x350	30	20



KIT TIRAFONDI - *ANCHOR BOLTS*

	PK 6,5	PK 7,5 - PK 8,5 - PK 9,5
L	500	700
Ø	M 18	M 27

Valori espressi in millimetri | *Measures in millimeters*

PK

Palo in acciaio a sezione circolare con rastremature stampate, composto da tre tratti, realizzato con elementi tubolari raccordati e saldati in sequenza. Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo.
Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere. Cod. 01,02,03,04, RAL su richiesta.

Circular cross section steel pole with formed tapering, consisting of three sections, made of tubular joint elements welded in sequence. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door. Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating. Code 01,02,03,04, RAL on request.

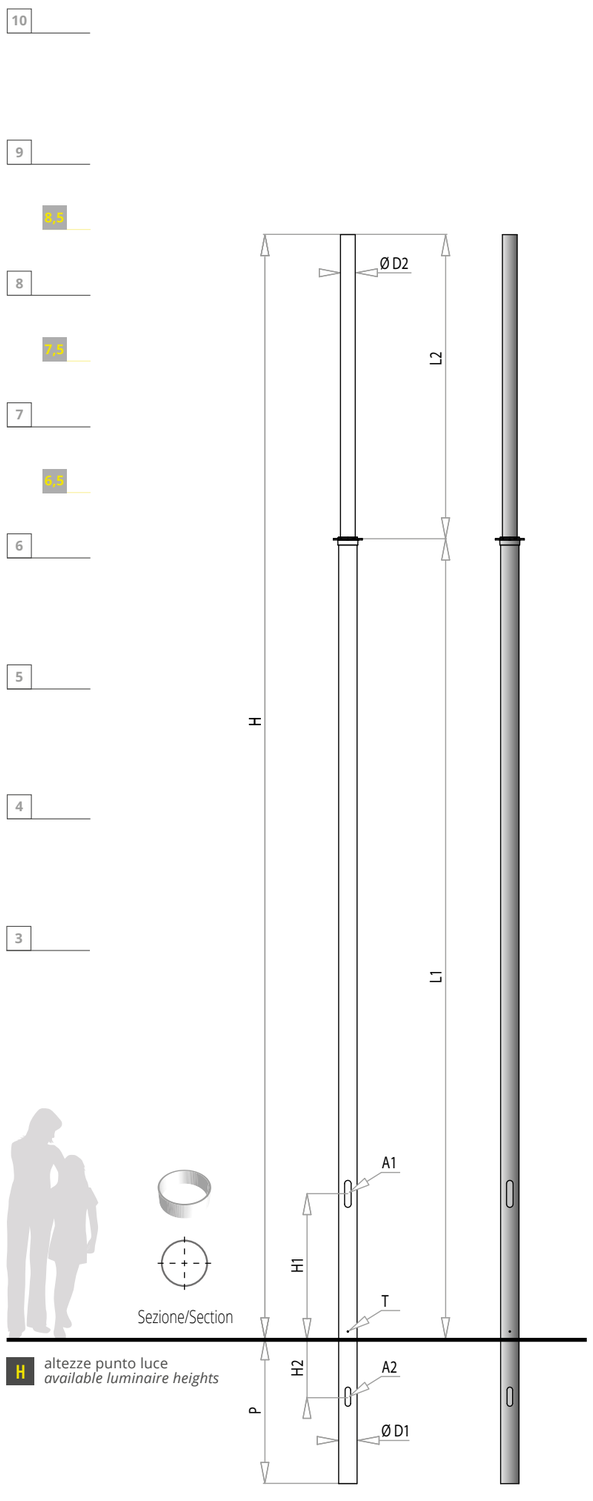
			PK 6,5	PK 7,5 A	PK 7,5 B	PK 8,5 A	PK 8,5 B	PK 9,5 A	PK 9,5 B
DIMENSIONI ***DIMENSIONS***	**D1**	1° Tratto (Ø x spessore) *1st Section (Ø x thickness)*	127x3 mm	127x3 mm	127x4 mm	139x3 mm	139x4 mm	139x3 mm	139x4 mm
	L1	Lunghezza 1° Tratto *1st Section length*	3200 mm	3200 mm	3200 mm	5200 mm	5200 mm	5200 mm	5200 mm
	D2	2° Tratto (Ø x spessore) *2nd Section (Ø x thickness)*	102x3 mm	102x3 mm	102x3 mm	102x3 mm	102x3 mm	102x3 mm	102x3 mm
	L2	Lunghezza 2° Tratto *2nd Section length*	2800 mm	3800 mm	3800 mm	2800 mm	2800 mm	3800 mm	3800 mm
	D3	3° Tratto (Ø x spessore) *3rd Section (Ø x thickness)*	89x3 mm	89x3 mm	89x3 mm	89x3 mm	89x3 mm	89x3 mm	89x3 mm
	L3	Lunghezza 3° Tratto *3rd Section length*	500 mm	500 mm	500 mm	500 mm	500 mm	500 mm	500 mm
MATERIALI ***MATERIALS***	**D1**	1° Tratto *1st Section*	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR	S355 JR
	D2	2° Tratto *2nd Section*	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR
	D3	3° Tratto *3rd Section*	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	132x38 mm	132x38 mm	132x38 mm	132x38 mm	132x38 mm	132x38 mm	132x38 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*						
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	6500 mm	7500 mm	7500 mm	8500 mm	8500 mm	9500 mm	9500 mm
	H1	Altezza portella *Hatch height*	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		800 mm	800 mm	800 mm	800 mm	800 mm	800 mm	800 mm
PESO ***WEIGHT***			60 kg	68 kg	79 kg	84 kg	104 kg	91 kg	111 kg

I pali riportati in tabella sono verificati con i seguenti parametri: A: 1 braccio per un apparecchio fino a 25 m/s in categoria II; B: 2 bracci per 2 apparecchi fino a 29 m/s in categoria II. La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

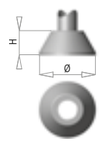
The poles in the table are verified according to: A: 1 bracket for 1 luminaire up to 25m/s in category II; B: 2 brackets for 2 luminaires up to 29m/s in category II. The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

ACCESSORI
ACCESSORIES

PN



Valori espressi in metri | *Measures in metres*



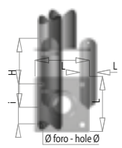
BASE BA/2

H	160
Ø	360

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard ***Standard***	**Filo palo** ***Flush mounted***
PN 6,5 A	T-39 G	RESET 16
PN 6,5 B	T-39 G	RESET 16
PN 7,5 A	T-39 G	RESET 16
PN 7,5 B	T-39 G	RESET 16
PN 8,5 A	T-39 G	RESET 16
PN 8,5 B	T-39 G	RESET 16

Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



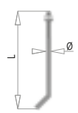
ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

HxL	300x85
	400x90

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*

PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
PN 6,5 A	180	250x250	22	10
PN 6,5 B	180	250x250	22	15
PN 7,5 A	180	250x250	22	15
PN 7,5 B	180	250x250	22	15
PN 8,5 A	180	250x250	22	15
PN 8,5 B	180	250x250	22	15



KIT TIRAFONDI - *ANCHOR BOLTS*

L	500
Ø	M 18

Valori espressi in millimetri | *Measures in millimeters*

Palo in acciaio a sezione circolare con rastrematura stampata, composto da due tratti, realizzato con elementi tubolari raccordati e saldati in sequenza. Il palo è dotato di decoro copri-rastrematura realizzato in alluminio pressofuso. Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata. Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere.
Cod. 01,02,03,04, RAL su richiesta.

Circular cross section steel pole with formed tapering, consisting of two sections, made of tubular joint elements welded in sequence. The pole is fitted with pressure die-cast aluminium trim to cover the tapering. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door. Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating.
Code 01,02,03,04, RAL on request.

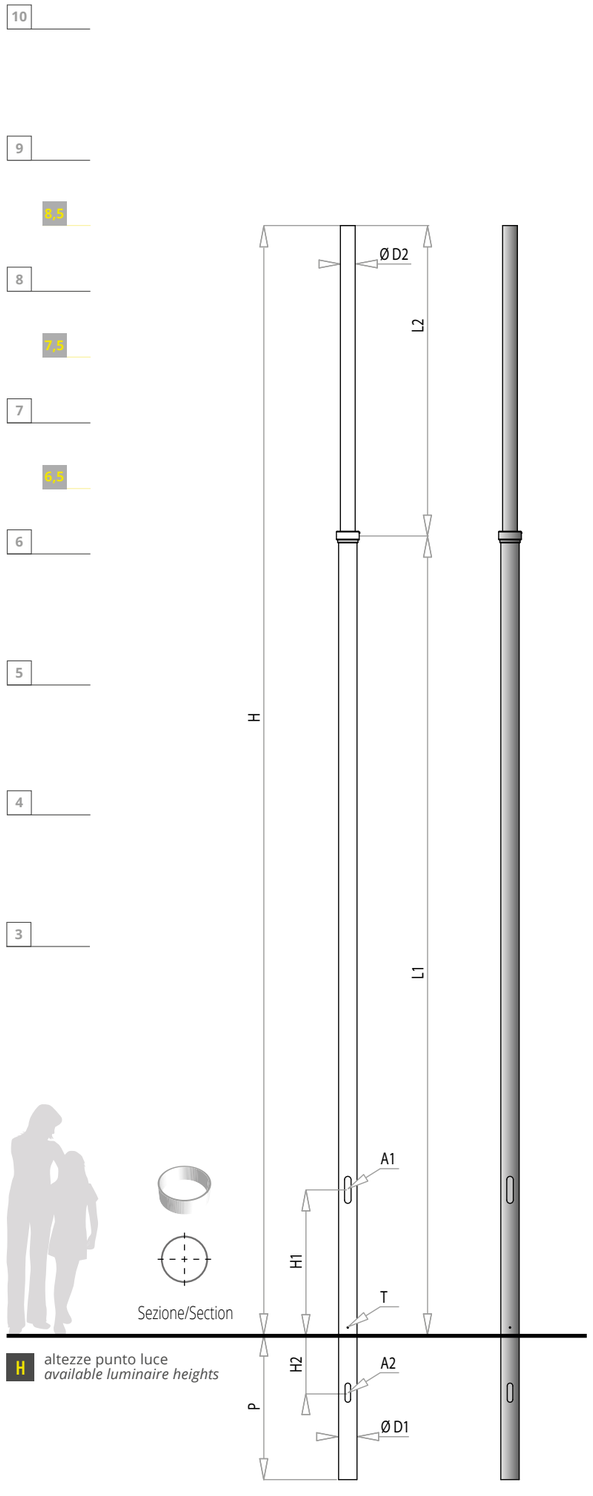
			PN 6,5 A	**PN 6,5 B**	**PN 7,5 A**	**PN 7,5 B**	**PN 8,5 A**	**PN 8,5 B**
DIMENSIONI ***DIMENSIONS***	**D1**	1° Tratto (Ø x spessore) *1st Section (Ø x thickness)*	127x3 mm	127x3 mm	127x3 mm	127x4 mm	127x3 mm	127x4 mm
	L1	Lunghezza 1° Tratto *1st Section length*	4700 mm	4700 mm	5200 mm	5200 mm	6000 mm	6000 mm
	D2	2° Tratto (Ø x spessore) *2nd Section (Ø x thickness)*	102x3 mm	102x3 mm	102x3 mm	102x3 mm	102x3 mm	102x3 mm
	L2	Lunghezza 2° Tratto *2nd Section length*	1800 mm	1800 mm	2300 mm	2300 mm	2500 mm	2500 mm
MATERIALI ***MATERIALS***	**D1**	1° Tratto - *1st Section*	S235 JR	S355 JR	S355 JR	S355 JR	S355 JR	S355 JR
	D2	2° Tratto - *2nd Section*	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	132x38 mm	132x38 mm	132x38 mm	132x38 mm	132x38 mm	132x38 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*					
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	6500 mm	6500 mm	7500 mm	7500 mm	8500 mm	8500 mm
	H1	Altezza portella *Hatch height*	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		800 mm	800 mm	800 mm	800 mm	1000 mm	1000 mm
PESO ***WEIGHT***			63 kg	63 kg	72 kg	90 kg	83 kg	104 kg

I pali riportati in tabella sono verificati con i seguenti parametri: A: 1 braccio per un apparecchio fino a 25 m/s in categoria II; B: 2 bracci per 2 apparecchi fino a 29 m/s in categoria II. La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

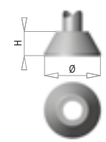
The poles in the table are verified according to: A: 1 bracket for 1 luminaire up to 25m/s in category II; B: 2 brackets for 2 luminaires up to 29m/s in category II. The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

ACCESSORI
ACCESSORIES

PA



Valori espressi in metri | *Measures in metres*



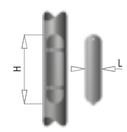
BASE BA/2

H	160
Ø	360

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	Filo palo *Flush mounted*
PA 6,5 A	T-39 G	RESET 16
PA 6,5 B	T-39 G	RESET 16
PA 7,5 A	T-39 G	RESET 16
PA 7,5 B	T-39 G	RESET 16
PA 8,5 A	T-39 G	RESET 16
PA 8,5 B	T-39 G	RESET 16

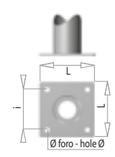
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

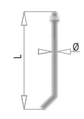
HxL	300x85
	400x90

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
PA 6,5 A	180	250x250	22	10
PA 6,5 B	180	250x250	22	15
PA 7,5 A	180	250x250	22	15
PA 7,5 B	180	250x250	22	15
PA 8,5 A	180	250x250	22	15
PA 8,5 B	180	250x250	22	15



KIT TIRAFONDI - *ANCHOR BOLTS*

L	500
Ø	M 18

Valori espressi in millimetri | *Measures in millimeters*

Palo in acciaio a sezione circolare con rastrematura stampata, composto da due tratti e realizzato con elementi tubolari raccordati e saldati in sequenza. Il palo è dotato di decoro copri rastrematura realizzato in alluminio tornito.
Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo. Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale.
Verniciatura a polveri poliestere. Cod. 01,02,03,04, RAL su richiesta.

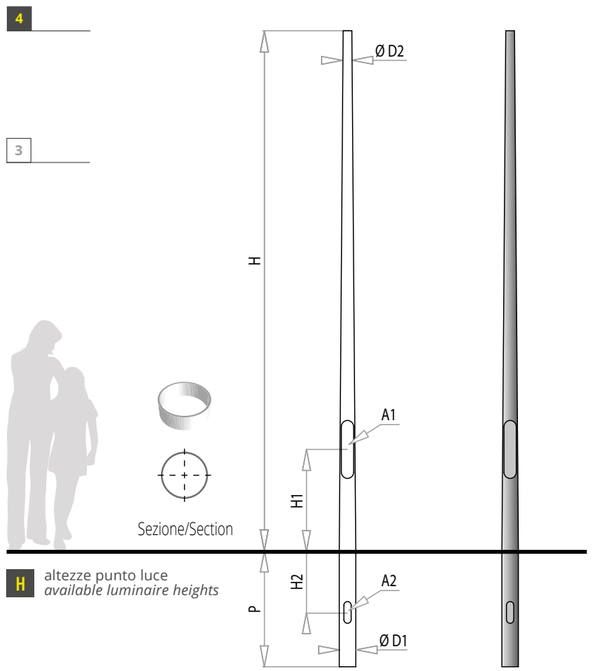
Circular cross section steel pole with formed tapering, consisting of two sections, made of tubular joint elements welded in sequence. The pole is fitted with turned aluminium trim to cover the tapering. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door. Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating.
Code 01,02,03,04, RAL on request.

			PA 6,5 A	PA 6,5 B	PA 7,5 A	PA 7,5 B	PA 8,5 A	PA 8,5 B
DIMENSIONI ***DIMENSIONS***	**D1**	1° Tratto (Ø x spessore) *1st Section (Ø x thickness)*	127x3 mm	127x3 mm	127x3 mm	127x4 mm	127x3 mm	127x4 mm
	L1	Lunghezza 1° Tratto *1st Section length*	4700 mm	4700 mm	5200 mm	5200 mm	6000 mm	6000 mm
	D2	2° Tratto (Ø x spessore) *2nd Section (Ø x thickness)*	102x3 mm	102x3 mm	102x3 mm	102x3 mm	102x3 mm	102x3 mm
	L2	Lunghezza 2° Tratto *2nd Section length*	1800 mm	1800 mm	2300 mm	2300 mm	2500 mm	2500 mm
MATERIALI ***MATERIALS***	**D1**	1° Tratto - *1st Section*	S235 JR	S355 JR	S355 JR	S355 JR	S355 JR	S355 JR
	D2	2° Tratto - *2nd Section*	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	132x38 mm	132x38 mm	132x38 mm	132x38 mm	132x38 mm	132x38 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*					
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	6500 mm	6500 mm	7500 mm	7500 mm	8500 mm	8500 mm
	H1	Altezza portella *Hatch height*	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		800 mm	800 mm	800 mm	800 mm	1000 mm	1000 mm
PESO ***WEIGHT***			63 kg	63 kg	72 kg	90 kg	83 kg	104 kg

I pali riportati in tabella sono verificati con i seguenti parametri: A: 1 braccio per un apparecchio fino a 25 m/s in categoria II; B: 2 bracci per 2 apparecchi fino a 29 m/s in categoria II. La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The poles in the table are verified according to: A: 1 bracket for 1 luminaire up to 25m/s in category II; B: 2 brackets for 2 luminaires up to 29m/s in category II. The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

10
9
8
7
6
5
4
3



H altezze punto luce
available luminaire heights

Valori espressi in metri | *Measures in metres*

CA

Palo in alluminio a sezione conica, trafilato, realizzato in un unico tratto. Asola ingresso cavi e portella integrata a filopalo.
Anodizzazione elettrolitica. Argento anodizzato.

Conical cross section drawn aluminium pole consisting of one single section. Cable inlet slot and flush mounted cover door included. Electrolytic anodizing.
Anodized silver.

			CA
DIMENSIONI ***DIMENSIONS***	**D1**	Ø alla base - *Ø at the base*	114 mm
	D2	Ø in testa - *Ø at the top*	60 mm
MATERIALI ***MATERIALS***		Tratto unico - *Single section*	6060 T5
LAVORAZIONI ***FINISHING***	**A1**	Portella a filopalo - *Reset*	400x85 mm
	A2	Asola ingresso cavi - *Cable slot*	150x80 mm
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce - *Luminaire height*	4000 mm
	H1	Altezza portella - *Hatch height*	700 mm
	H2	Asola passaggio cavi - *Cable slot height*	575 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		800 mm
PESO ***WEIGHT***			13 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

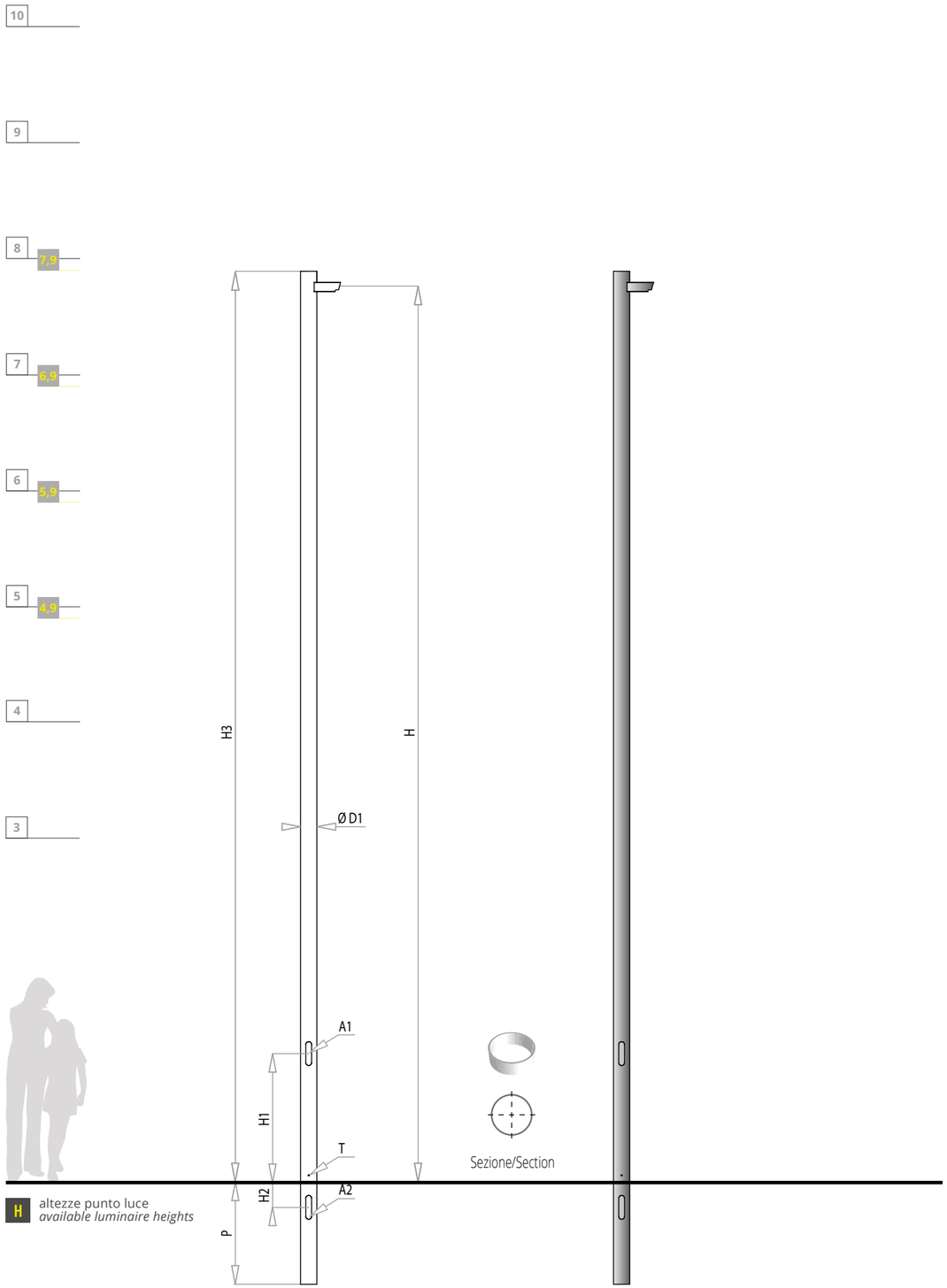
The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

PL

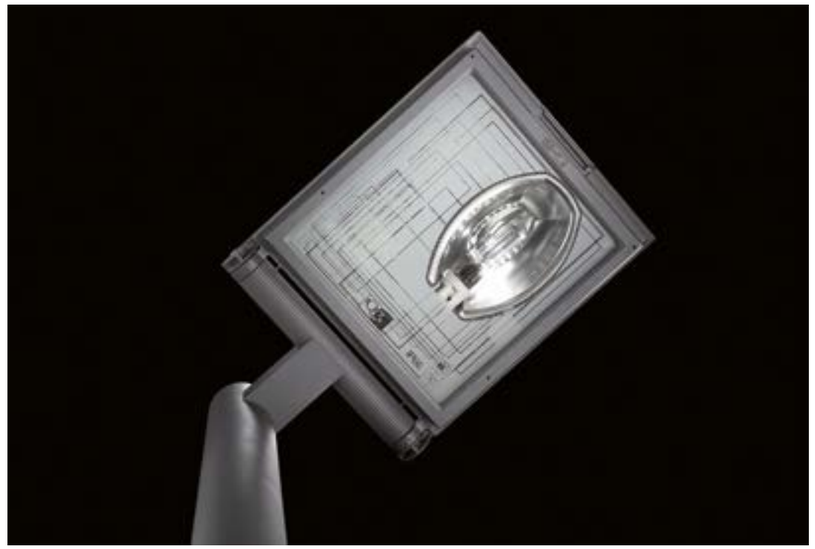
SISTEMA LOGIKA - Q QUADRO | *LOGIKA AND Q QUADRO SYSTEM*

Palo in acciaio a sezione circolare realizzato in un unico tratto. Il palo è dotato di braccio in alluminio trafilato per l'installazione di apparecchi della serie Logika e Q Quadro.
I pali PL sono disponibili nelle versioni a 1, 2, 3 bracci. Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo. Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere. Cod. 01,02,03,04, RAL su richiesta.

Circular cross section steel pole consisting of one single section. The pole is fitted with a drawn aluminium arm for the installation of units of the Logika and Q Quadro range. PL poles are available with 1, 2, and 3 brackets. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door.
Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating. Code 01,02,03,04, RAL on request.



Valori espressi in metri | *Measures in metres*



COMPOSIZIONI
COMPOSITIONS

COMPOSIZIONE BRACCI LOGIKA 1 (L1) / LOGIKA 2 (L2)
LOGIKA 1 (L1) / LOGIKA 2 (L2) BRACKET COMPOSITION

	PL 5	PL 6	PL 9	PL 10
▪	PL 5/ 1 / L1 PL 5/ 1 / L2	PL 6/ 1 / L1 PL 6/ 1 / L2	PL 7/ 1 / L1 PL 7/ 1 / L2	PL 8/ 1 / L1 PL 8/ 1 / L2
▪-▪	PL 5/ 2 / L1 PL 5/ 2 / L2	PL 6/ 2 / L1 PL 6/ 2 / L2	PL 7/ 2 / L1 PL 7/ 2 / L2	PL 8/ 2 / L1 PL 8/ 2 / L2
⅄	PL 5/ 3 / L1	PL 6/ 3 / L1 PL 6/ 3 / L2	PL 7/ 3 / L1 PL 7/ 3 / L2	PL 8/ 3 / L2

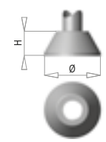
COMPOSIZIONE BRACCI Q3 QUADRO (Q3) / Q5 QUADRO (Q5)
Q3 QUADRO (Q3) / Q5 QUADRO (Q5) BRACKET COMPOSITION

	PL 5	PL 6	PL 9	PL 10
▪	PL 5/ 1 / Q3 PL 5/ 1 / Q5	PL 6/ 1 / Q3 PL 6/ 1 / Q5	PL 7/ 1 / Q3 PL 7/ 1 / Q5	PL 8/ 1 / Q3 PL 8/ 1 / Q5
▪-▪	PL 5/ 2 / Q3 PL 5/ 2 / Q5	PL 6/ 2 / Q3 PL 6/ 2 / Q5	PL 7/ 2 / Q3 PL 7/ 2 / Q5	PL 8/ 2 / Q3 PL 8/ 2 / Q5
⅄	PL 5/ 3 / Q3	PL 6/ 3 / Q3 PL 6/ 3 / Q5	PL 7/ 3 / Q3 PL 7/ 3 / Q5	PL 8/ 3 / Q5

▪ Composizione a 1 braccio - *1 bracket mounting*
▪-▪ Composizione a 2 bracci - *2 brackets mounting*
⅄ Composizione a 3 bracci - *3 brackets mounting*

Palo serie PL versione speciale con fissaggio inclinato.
PL pole series in a bended mounted special version.

ACCESSORI
ACCESSORIES



BASE BA/1

	PL 5
H	160
Ø	260

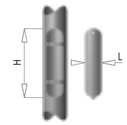
BASE BA/2

	PL 6 - PL 7 - PL 8
H	160
Ø	360

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	Filo palo *Flush mounted*
PL 5	T-39	RESET 11
PL 6	T-39 G	RESET 16
PL 7	T-39 G	RESET 16
PL 8	T-39 G	RESET 16

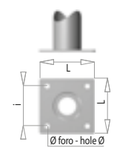
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

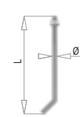
HxL	300x65
	400x90*

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*
* Escluso PX 4 - PX 5. *Except PX 4 - PX 5.*



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
PL 5	180	250x250	22	15
PL 6	180	250x250	22	15
PL 7	260	350x350	30	20
PL 8	260	350x350	30	20



KIT TIRAFONDI - *ANCHOR BOLTS*

	PL 5 - PL 6	PL 7 - PL 8
L	500	700
Ø	M 18	M 27

Valori espressi in millimetri | *Measures in millimeters*

PL

SISTEMA LOGIKA - Q QUADRO | *LOGIKA AND Q QUADRO SYSTEM*

			PL 5	PL 6	PL 7	PL 8
DIMENSIONI ***DIMENSIONS***	**D1**	Tratto unico (Ø x spessore) *Single section (Ø x thickness)*	102x3 mm	127x3 mm	127x3 mm	127x3 mm
MATERIALI ***MATERIALS***		Tratto unico *Single section*	S235 JR	S235 JR	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*			
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	4900 mm	5900 mm	6900 mm	7900 mm
	H1	Altezza portella *Hatch height*	1000 mm	1000 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm
	H3	*Altezza fuori terra* *Above ground height*	5000 mm	6000 mm	7000 mm	8000 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		500 mm	800 mm	800 mm	800 mm
PESO ***WEIGHT***			40 kg	62 kg	70 kg	78 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

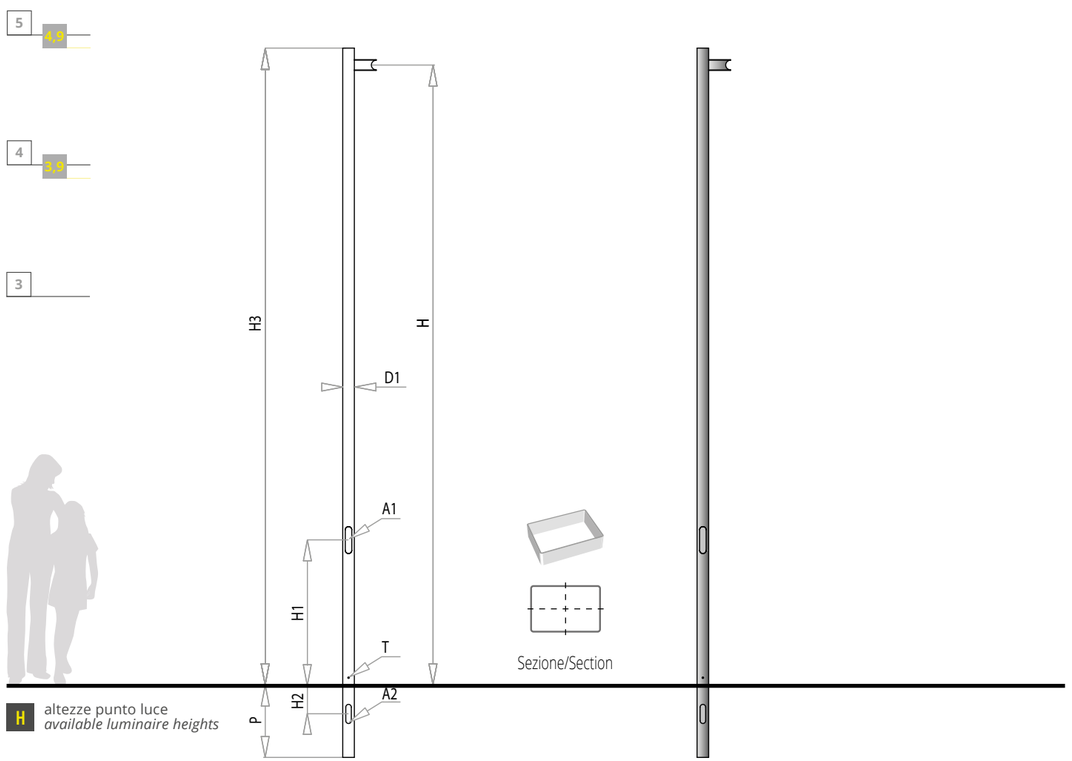
The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

PR

SISTEMA LOGIKA - Q QUADRO | *LOGIKA AND Q QUADRO SYSTEM*

Palo in acciaio a sezione rettangolare realizzato in un unico tratto. Il palo è dotato di braccio in alluminio trafilato per l'installazione di apparecchi della serie Q Quadro.
Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo.
Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere.
Cod. 01,02,03,04, RAL su richiesta.

Rectangular cross section steel pole consisting of one single section. The pole is fitted with a drawn aluminium bracket for the installation of units of the Q Quadro range.
Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door. Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating.
Code 01,02,03,04, RAL on request.



Valori espressi in metri | *Measures in metres*

COMPOSIZIONI
COMPOSITIONS

COMPOSIZIONE BRACCI LOGIKA 1 (L1) / LOGIKA 2 (L2)
LOGIKA 1 (L1) / LOGIKA 2 (L2) BRACKET COMPOSITION

	PR 4	PR 5
▪	PR 4 / 1 / L1 PR 4 / 1 / L2	PR 5 / 1 / L1 PR 5 / 1 / L2
▪-▪	PR 4 / 2 / L1 PR 4 / 2 / L2	PR 5 / 2 / L1 PR 5 / 2 / L2

COMPOSIZIONE BRACCI Q3 QUADRO (Q3) / Q5 QUADRO (Q5)
Q3 QUADRO (Q3) / Q5 QUADRO (Q5) BRACKET COMPOSITION

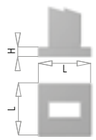
	PR 4	PR 5
▪	PR 4 / 1 / Q3 PR 4 / 1 / Q5	PR 5 / 1 / Q3 PR 5 / 1 / Q5
▪-▪	PR 4 / 2 / Q3 PR 4 / 2 / Q5	PR 5 / 2 / Q3 PR 5 / 2 / Q5

▪ Composizione a 1 braccio - *1 bracket mounting*

▪-▪ Composizione a 2 bracci - *2 brackets mounting*

Palo serie PL versione speciale con fissaggio inclinato.
PL pole series in a bended mounted special version.

ACCESSORI
ACCESSORIES



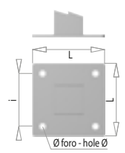
BASE BR

LxL	260x260
H	160

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

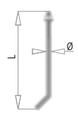
	Standard ***Standard***
PR 4	T-39 Q
PR 5	T-39

Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
PR 4	180	250x250	22	10
PR 5	180	250x250	22	10



KIT TIRAFONDI - *ANCHOR BOLTS*

L	500
Ø	M 18

Valori espressi in millimetri | *Measures in millimeters*

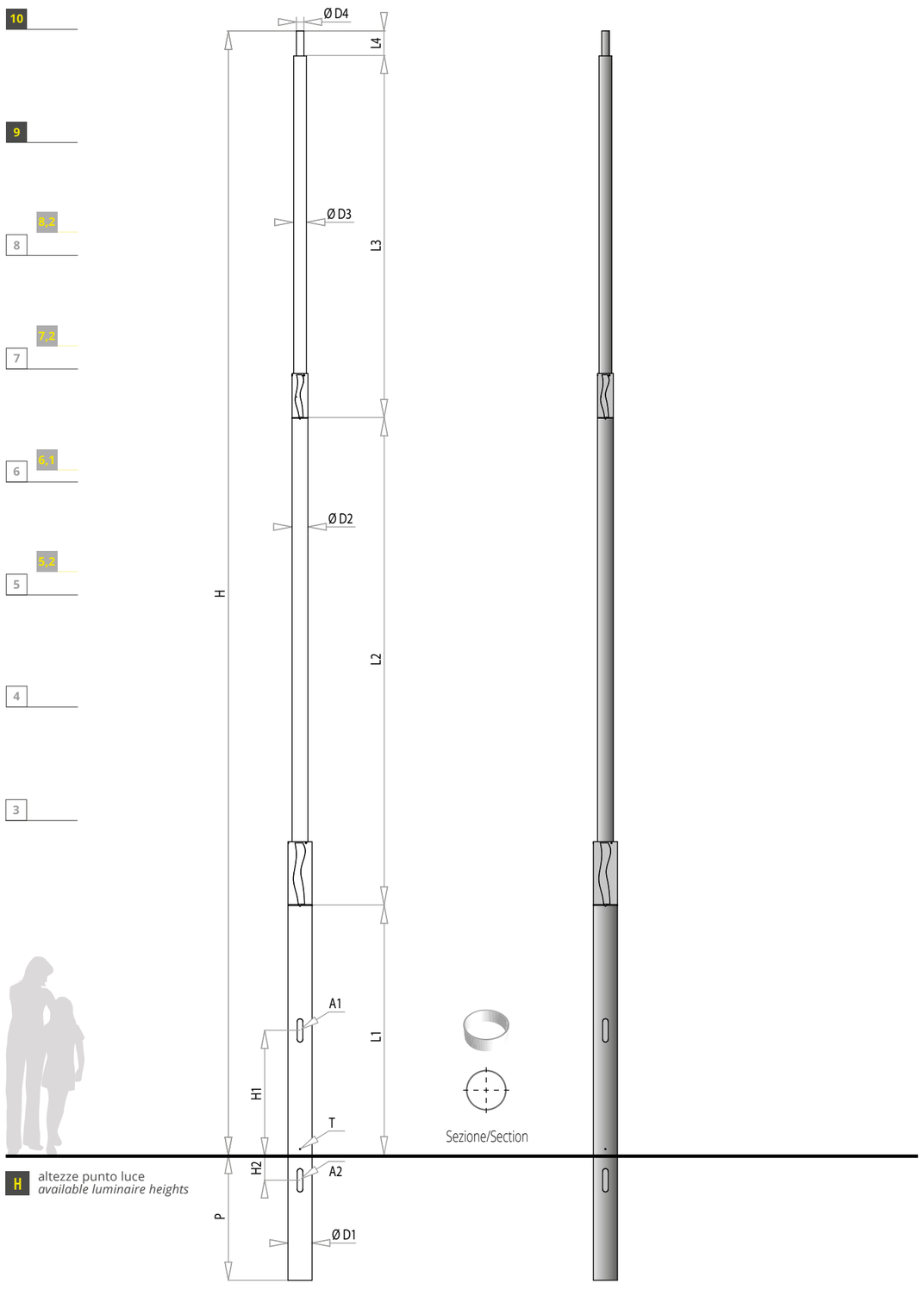
PR

SISTEMA LOGIKA - Q QUADRO | *LOGIKA AND Q QUADRO SYSTEM*

			PR 4	PR 5
DIMENSIONI ***DIMENSIONS***	**D1**	Tratto unico (L x L x spessore) *Single section (S x S x thickness)*	160x80x3 mm	160x80x3 mm
MATERIALI ***MATERIALS***		Tratto unico *Single section*	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	132x38 mm	132x38 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*	
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	3900 mm	4900 mm
	H1	Altezza portella *Hatch height*	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm
	H3	*Altezza fuori terra* *Above ground height*	4000 mm	5000 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		500 mm	500 mm
PESO ***WEIGHT***			50 kg	63 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.



Valori espressi in metri | *Measures in metres*

PD

SISTEMA DELOS | *DELOS SYSTEM*

Modello depositato | *Registered model*

Palo in acciaio a sezione circolare rastremato con rondella piatta, composto da due tratti (solo versione PD 5) e tre tratti con codolo finale, realizzato con elementi tubolari saldati in sequenza. Il palo è dotato di decori e di una basetta ornamentale realizzati in fusione di ghisa EN-GJL-200 EN 1561. Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata. I pali della serie PD fanno parte del sistema DELOS che comprende i corpi illuminanti Delos 1 e Delos 2 con i bracci MPD/C ed MPD/L in versione testa palo o sfalsato.
Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere.
Cod. 01, RAL su richiesta.

Circular cross section tapered steel pole with flat steel washer, consisting of two sections (PD 5 version only) or three sections and end spigot, made of tubular elements welded in sequence. The pole is fitted with trims and an ornamental base made of cast iron EN-GJL-200 EN 1561. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door. The poles of the PD range are part of the DELOS system, which includes Delos 1 and Delos 2 lighting bodies, with MPD/C and MPD/L brackets, available in the pole head, or the staggered versions.
Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating.
Code 01, RAL on request.

COMPOSIZIONI
COMPOSITIONS

COMPOSIZIONE BRACCI DELOS - TABELLA 1
DELOS BRACKET COMPOSITION - TABLE 1

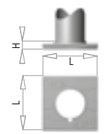
	PD 5	PD 6	PD 7	PD 8	PD 9	PD 10
▪	MPD/C_1 MPD/L_1	MPD/C_1 MPD/L_1	MPD/C_1 MPD/L_1	MPD/C_1 MPD/L_1	MPD/C_1 MPD/L_1	MPD/C_1 MPD/L_1
▪-▪	MPD/C_2 MPD/L_2	MPD/C_2 MPD/L_2	MPD/C_2 MPD/L_2	MPD/C_2 MPD/L_2	MPD/C_2 MPD/L_2	MPD/C_2 MPD/L_2
▪ ▪ ▪	MPD/C_3 MPD/L_3	MPD/C_3 MPD/L_3	MPD/C_3 MPD/L_3	MPD/C_3 MPD/L_3	MPD/C_3 MPD/L_3	MPD/C_3 MPD/L_3
▪ ▪ ▪ ▪	MPD/C_4 MPD/L_4	MPD/C_4 MPD/L_4	MPD/C_4 MPD/L_4	MPD/C_4 MPD/L_4	MPD/C_4 MPD/L_4	MPD/C_4 MPD/L_4

COMPOSIZIONE BRACCI SFALSATI DELOS - TABELLA 2
DELOS STAGGERED BRACKET COMPOSITION - TABLE 2

	PD 5	PD 6	PD 7	PD 8	PD 9	PD 10
▪	-	MSPD/C_1 MSPD/L_1	MSPD/C_1 MSPD/L_1	MSPD/C_1 MSPD/L_1	MSPD/C_1 MSPD/L_1	MSPD/C_1 MSPD/L_1

▪ Composizione a 1 braccio - *1 bracket mounting*
▪▪ Composizione a 2 bracci - *2 brackets mounting*
Composizione a 3 bracci - *3 brackets mounting*
Composizione a 4 bracci - *4 brackets mounting*

ACCESSORI
ACCESSORIES



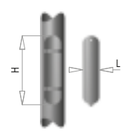
BASE BD

	LxL	H
PD 5	310x310	51
PD 6	310x310	51
PD 7	310x310	51
PD 8	360x360	55
PD 9	360x360	55
PD 10	360x360	55

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	Filo palo *Flush mounted*
PD 5	T-39 G	RESET 18
PD 6	T-39 G	RESET 18
PD 7	T-39 G	RESET 18
PD 8	T-39 G	RESET 0D 18
PD 9	T-39 G	RESET 0D 18
PD 10	T-39 G	RESET 0D 18

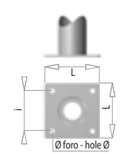
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

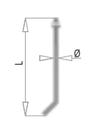
HxL	300x85
	400x90

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*



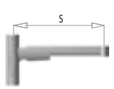
PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
PD 5	230	300x300	22	15
PD 6	230	300x300	22	15
PD 7	230	300x300	22	15
PD 8	260	350x350	30	20
PD 9	260	350x350	30	20
PD 10	260	350x350	30	20



KIT TIRAFONDI - *ANCHOR BOLTS*

	PD 5 - PD 6 - PD 7	PD 8 - PD 9 - PD 10
L	500	700
Ø	M 18	M 27



BRACCIO - *BRACKET*

	MPD/C	MPD/L
S	750	1000

Per composizioni su bracci e bracci sfalsati vedere tabelle pag. 69 - *For installation on brackets and staggered brackets see tables pag. 69*

Valori espressi in millimetri | *Measures in millimeters*

PD

SISTEMA DELOS | *DELOS SYSTEM*

Modello depositato | *Registered model*

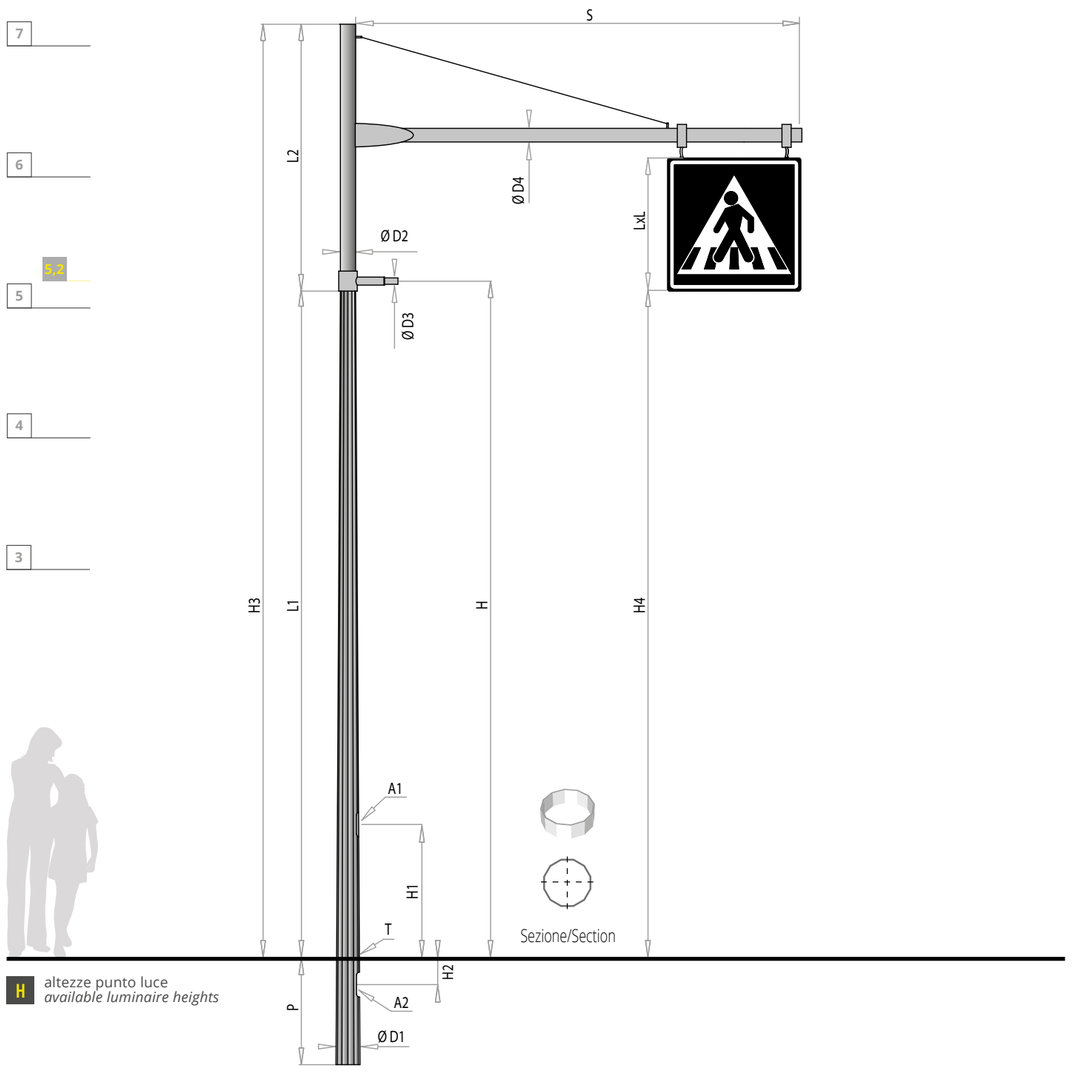
			PD 5	PD 6	PD 7	PD 8	PD 9	PD 10
DIMENSIONI ***DIMENSIONS***	**D1**	1° Tratto (Ø x spessore) *1st Section (Ø x thickness)*	159x3 mm	159x3 mm	159x3 mm	193x3 mm	193x3 mm	193x3 mm
	L1	Lunghezza 1° Tratto *1st Section length*	1100 mm	1100 mm	1700 mm	1700 mm	2000 mm	2000 mm
	D2	2° Tratto (Ø x spessore) *2nd Section (Ø x thickness)*	102x3 mm	127x3 mm	127x3 mm	127x3 mm	127x3 mm	127x3 mm
	L2	Lunghezza 2° Tratto *2nd Section length*	3900 mm	2900 mm	2900 mm	3900 mm	3900 mm	4900 mm
	D3	3° Tratto (Ø x spessore) *3rd Section (Ø x thickness)*	-	102x3 mm	102x3 mm	102x3 mm	102x3 mm	102x3 mm
	L3	Lunghezza 3° Tratto *3rd Section length*	-	1900 mm	2400 mm	2400 mm	2900 mm	2900 mm
	D4	Ø Codolo - *Ø Spigot*	60x3 mm	60x3 mm	60x3 mm	60x3 mm	60x3 mm	60x3 mm
	L4	Lunghezza Codolo *Spigot length*	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm
MATERIALI ***MATERIALS***	**D1**	1° Tratto - *1st Section*	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR
	D2	2° Tratto - *2nd Section*	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR
	D3	3° Tratto - *3rd Section*	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR
	D4	Codolo - *Spigot*	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*					
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	5200 mm	6100 mm	7200 mm	8200 mm	9000 mm	10000 mm
	H1	Altezza portella *Hatch height*	800 mm	800 mm	800 mm	1000 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm
	H3	Altezza punto luce intermedio opzionale *Middle luminaire installation height (optional)*	-	4200 mm	4800 mm	5800 mm	6100 mm	7100 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		800 mm	800 mm	800 mm	800 mm	1000 mm	1000 mm
PESO ***WEIGHT***			53 kg	66 kg	77 kg	93 kg	103 kg	112 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

AP

SERIE SICUREZZA | *SAFETY SERIES*



Valori espressi in metri | *Measures in metres*

Sostegno formato da 2 tronchi incastrati e saldati in sequenza. Primo tratto a sezione poligonale a 12 lati, secondo tratto a sezione circolare. Nel punto di unione tra le 2 diverse sezioni è saldato un codolo in acciaio a sezione circolare con codolo per installazione di apparecchi di illuminazione con attacco Ø 60mm. Braccio porta-segnaletica in acciaio a sezione circolare disponibile in due lunghezze. Il punto di innesto del braccio è munito di 2 lame di acciaio aventi funzione decorativa e di rinforzo del supporto. Il braccio è dotato di cartello luminoso bifacciale serigrafato, installabile attraverso appositi collari di fissaggio. Cavo tirante in acciaio inox Ø 6 mm fissato nella parte superiore del palo.
Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Cod. 01, 02, 03, 04, RAL su richiesta.

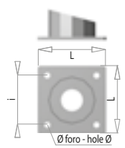
Support consisting of 2 sections welded in sequence. First part featured by 12 sides polygonal section. Second part featured by circular section. Circular steel spigot for the installation of luminaires with Ø 60 mm attack welded in the junction between the 2 different sections. Steel circular section bracket for signposting provided in two lengths.
The junction point of the arm is equipped with 2 blades in steel having a decorative function and reinforcing the support. The bracket comes with a luminous double sided printed sign, installed by means of a special fastening system. Cable tie in stainless steel Ø 6 mm fixed at the top of the pole. Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Code 01, 02, 03, 04, RAL on request.

ACCESSORI
ACCESSORIES

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

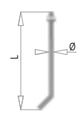
	Standard *Standard*
AP/7/3 3500	T-39 GG2
AP/7/7 3500	T-39 GG2
AP/7/9 3500	T-39 GG2
AP/7/3 4000	T-39 GG2
AP/7/7 4000	T-39 GG2
AP/7/9 4000	T-39 GG2

Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



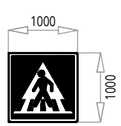
PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
AP/7/3 3500	250	350x350	30	25
AP/7/7 3500	250	350x350	30	25
AP/7/9 3500	250	350x350	30	25
AP/7/3 4000	250	350x350	30	25
AP/7/7 4000	250	350x350	30	25
AP/7/9 4000	250	350x350	30	25



KIT TIRAFONDI - *ANCHOR BOLTS*

	L	Ø
AP/7/3 3500	500	M 24
AP/7/7 3500	500	M 24
AP/7/9 3500	500	M 24
AP/7/3 4000	500	M 24
AP/7/7 4000	500	M 24
AP/7/9 4000	500	M 24



Cartello bifacciale luminoso | *Double side illuminated sign*

Valori espressi in millimetri | *Measures in millimeters*

AP
SERIE SICUREZZA | *SAFETY SERIES*

			AP/7/3 3500	AP/7/7 3500[1]	AP/7/9 3500[2]	AP/7/3 4000	AP/7/7 4000[1]	AP/7/9 4000[2]
	Massimo vento di riferimento ***Max reference wind speed***		27m/s	29m/s	31m/s	27m/s	29m/s	31m/s
DIMENSIONI ***DIMENSIONS***	**D1**	1° Tratto (Ø x spessore) *1st Section (Ø x thickness)*	180x4 mm	180x4 mm	180x5 mm	180x4 mm	180x4 mm	180x5 mm
	L1	Lunghezza 1° Tratto *1st Section length*	5200 mm	5200 mm	5200 mm	5200 mm	5200 mm	5200 mm
	D2	2° Tratto (Ø x spessore) *2nd Section (Ø x thickness)*	114x5 mm	114x5 mm	114x5 mm	114x5 mm	114x5 mm	114x5 mm
	L2	Lunghezza 2° Tratto *2nd Section length*	2000 mm	2000 mm	2000 mm	2000 mm	2000 mm	2000 mm
	D3	Ø Codolo - *Ø Spigot*	Ø60 mm	Ø60 mm	Ø60 mm	Ø60 mm	Ø60 mm	Ø60 mm
	D4	Ø Braccio - *Ø Bracket*	102x3 mm	102x4 mm	102x4 mm	102x3 mm	102x4 mm	102x4 mm
	S	Ø Braccio - *Ø Bracket*	3500 mm	3500 mm	3500 mm	4000 mm	4000 mm	4000 mm
MATERIALI ***MATERIALS***	**D1**	1° Tratto - *1st Section*	S355 JR	S355 JR	S355 JR	S355 JR	S355 JR	S355 JR
	D2	2° Tratto - *2nd Section*	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	T	Messa a terra - *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*					
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	5275 mm	5275 mm	5275 mm	5275 mm	5275 mm	5275 mm
	H1	Altezza portella *Hatch height*	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm
	H3	Altezza fuori terra *Above ground height*	7200 mm	7200 mm	7200 mm	7200 mm	7200 mm	7200 mm
	H4	Altezza cartello *Poster height*	5200 mm	5200 mm	5200 mm	5200 mm	5200 mm	5200 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		800 mm	800 mm	800 mm	800 mm	800 mm	800 mm
PESO ***WEIGHT***		Escluso cartello *Sign excluded*	135 Kg Mensola - *Bracket* 26 Kg	135 Kg Mensola - *Bracket* 35 Kg	155 Kg Mensola - *Bracket* 35 Kg	135 Kg Mensola - *Bracket* 30 Kg	140 Kg Mensola - *Bracket* 39 Kg	155 Kg Mensola - *Bracket* 39 Kg

[1] Versioni con uno spessore maggiore per il braccio.
[2] Versioni con uno spessore maggiore per il braccio e palo.
La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

[1] *Versions feature a thicker bracket.*
[2] *Versions feature a thicker bracket and pole.*
The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

PF

Design series | *Designed by*

Marzia Bandini - Massimo Sacconi

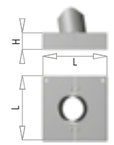
Palo conico in acciaio saldato e scordonato, realizzato in un unico tratto piegato longitudinalmente. Puntale conico in alluminio trafilato con finale in materiale plastico.
Il palo è dotato di codolo standard per l'installazione di apparecchi della serie Logika compatibili con la serie PF. Fissaggio con piastra di base. Asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo.
Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere.
Cod. 01,02,03,04, RAL su richiesta.

Conical steel pole, welded and de-beaded, consisting of one single longitudinally bent section. Conical drawn aluminium tip with plastic end. The pole has a standard spigot for the installation of Logika Range units compatible with the PF range. Fastening base plate. Terminal box slot with finished edges, also suitable for the application of a flush mounted cover.
Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating. Code 01, RAL on request.

Valori espressi in metri | *Measures in metres*

H altezze punto luce
available luminaire heights

ACCESSORI
ACCESSORIES



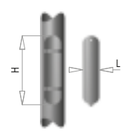
BASE BF

	LxL	H
PF 5	270x270	85
PF 6	270x270	85
PF 7	320x320	85
PF 8	320x320	85
PF 9	370x370	85
PF 10	370x370	85

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	**Filo palo** *Flush mounted*
PF 5	T-39	RESET 12
PF 6	T-39	RESET 15
PF 7	T-39 G	RESET 16
PF 8	T-39 G	RESET 17
PF 9	T-39 G	RESET 18
PF 10	T-39 G	RESET 18

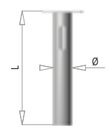
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

HxL	300x65
	400x90*

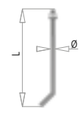
Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*
* Escluso PF 5, PF 6, PF 7 - *Except PF 5, PF 6, PF 7*



CONTROPIASTRA INTERRAMENTO
IN-GROUNDING PLATE

L	850
Ø	139

	PF 5 - PF 6	**PF 7 - PF 8**	**PF 9 - PF 10**
LxL	250x250	300x300	350x350



KIT TIRAFONDI - *ANCHOR BOLTS*

	PF 5 - PF 6 - PF 7 - PF 8	**PF 9 - PF 10**
L	500	700
Ø	M 18	M 20

Valori espressi in millimetri | *Measures in millimeters*

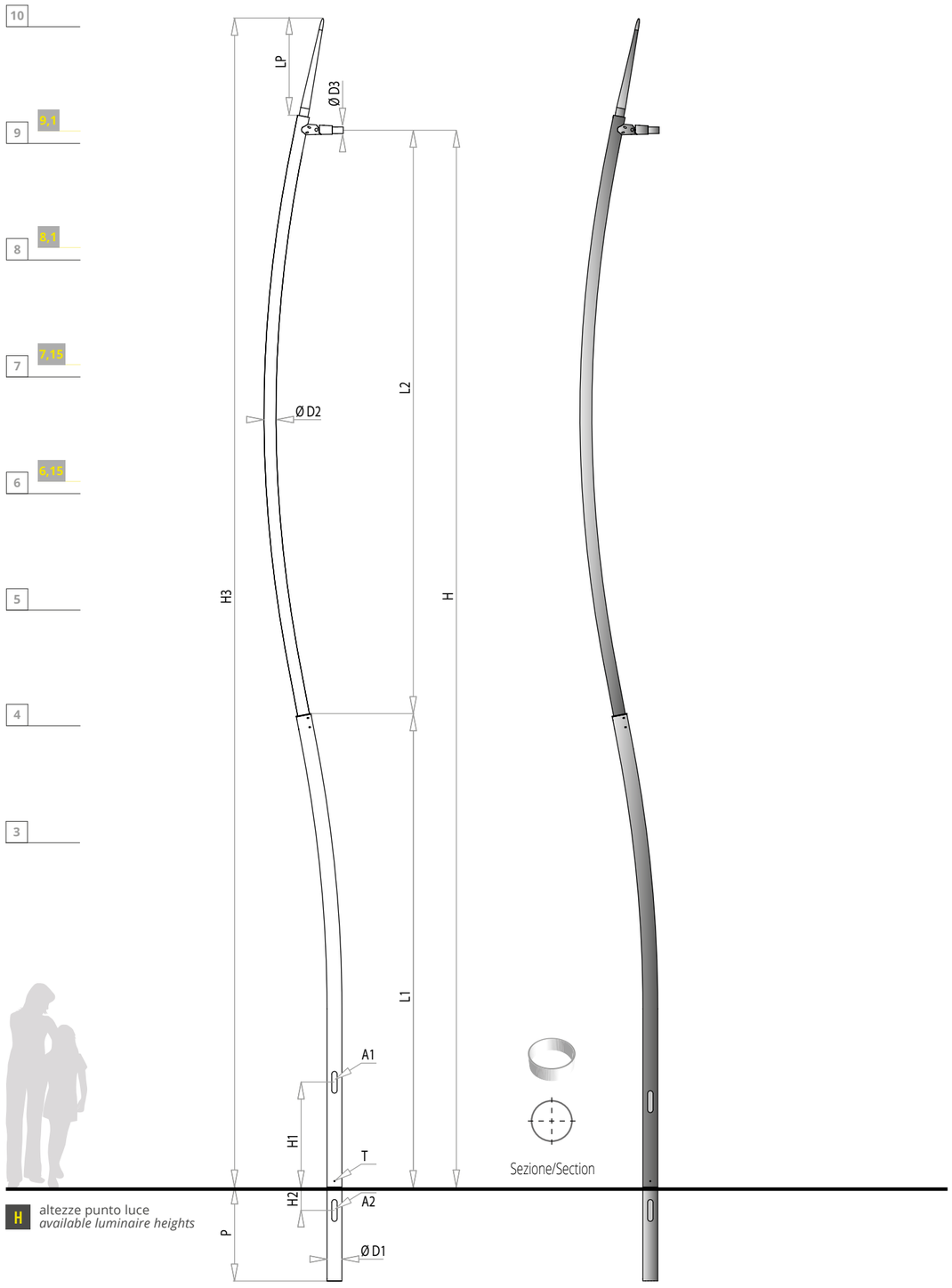
PF

Design series | *Designed by*
Marzia Bandini - Massimo Sacconi

				PF 5	**PF 6**	**PF 7**	**PF 8**	**PF 9**	**PF 10**
DIMENSIONI ***DIMENSIONS***	**D1**	Dimensione alla base (Ø x spessore) *Dimension at the base (Ø x thickness)*		110x3 mm	121x3 mm	130x3 mm	141x3 mm	151x3 mm	161x3 mm
	D2	Dimensione in testa (Ø) *Dimension at the top (Ø)*		60 mm	60 mm	60 mm	60 mm	60 mm	60 mm
	D3	Codolo (Ø) *Spigot (Ø)*		48 mm	48 mm	60 mm	60 mm	60 mm	60 mm
MATERIALI ***MATERIALS***	**D1**	Tratto unico *Single section*		S235 JR	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*		186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	B	Piastra di base *Base plate*	Dimensione (LxL) *Dimension (LxL)*	250x250 mm	250x250 mm	300x300 mm	300x300 mm	350x350 mm	350x350 mm
			Interasse (i) *Spacing (i)*	148 mm	148 mm	158 mm	158 mm	230 mm	230 mm
			Ø foro *Hole Ø*	22 mm	22 mm	22 mm	22 mm	24 mm	24 mm
			Spessore *Thickness*	12 mm	12 mm	12 mm	15 mm	15 mm	15 mm
	T	Messa a terra *Grounding*		Inserto filettato M10, zincato - *M10 threaded, galvanized insert*					
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*		5000 mm	6000 mm	7000 mm	8000 mm	9000 mm	10000 mm
	H1	Altezza portella *Hatch height*		1000 mm	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
	H3	Altezza fuori terra *Above ground height*		5745 mm	6745 mm	7745 mm	8730 mm	9740 mm	10715 mm
PESO ***WEIGHT***				37 kg	46 kg	55 kg	66 kg	78 kg	100 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.



Valori espressi in metri | *Measures in metres*

PS

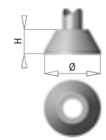
Design series | *Designed by*

Marzia Bandini - Massimo Sacconi

Palo in acciaio a sezione circolare rastremato, composto da due tratti curvati a raggio contrapposto realizzati con elementi tubolari saldati in sequenza. Il palo è dotato di codolo laterale per il montaggio di corpi illuminanti, contraddistinto da un elemento in fusione di alluminio dotato di sistema ad inclinazione regolabile rispetto al piano stradale. Il codolo standard è idoneo per apparecchi predisposti di attacco Ø 60 mm.
Parte finale con puntale in acciaio conificato. Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata.
Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere.
Cod. 01,02,03,04, RAL su richiesta.

Circular cross section tapered steel pole consisting of two sections with opposite radius bends, made of tubular elements welded in sequence. The pole has a side spigot for the installation of lighting bodies, featuring a cast aluminium element with a tilting system that can be adjusted based on the road level. The standard spigot is suitable for units with Ø 60 mm connections. End part with conical steel tip. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door. Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating. Code 01,02,03,04, RAL on request.

ACCESSORI
ACCESSORIES



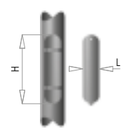
BASE BA/2

H	160
Ø	360

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard ***Standard***	**Filo palo** ***Flush mounted***
PS 6	T-39 G	RESET 16
PS 7	T-39 G	RESET 16
PS 8	T-39 G	RESET 16
PS 9	T-39 G	RESET 16

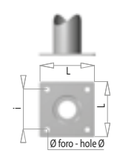
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

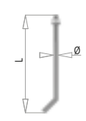
HxL	300x65
	400x90

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*



PIASTRA - *PLATE*

	i	**LxL**	**Ø Foro** ***Hole Ø***	**Spessore** ***Thickness***
PS 6	180	250x250	22	15
PS 7	180	250x250	22	15
PS 8	260	350x350	30	20
PS 9	260	350x350	30	20



KIT TIRAFONDI - *ANCHOR BOLTS*

	PS 6 - PS 7 - PS 8	**PS 9 - PS 10**
L	500	700
Ø	M 18	M 27

Valori espressi in millimetri | *Measures in millimeters*

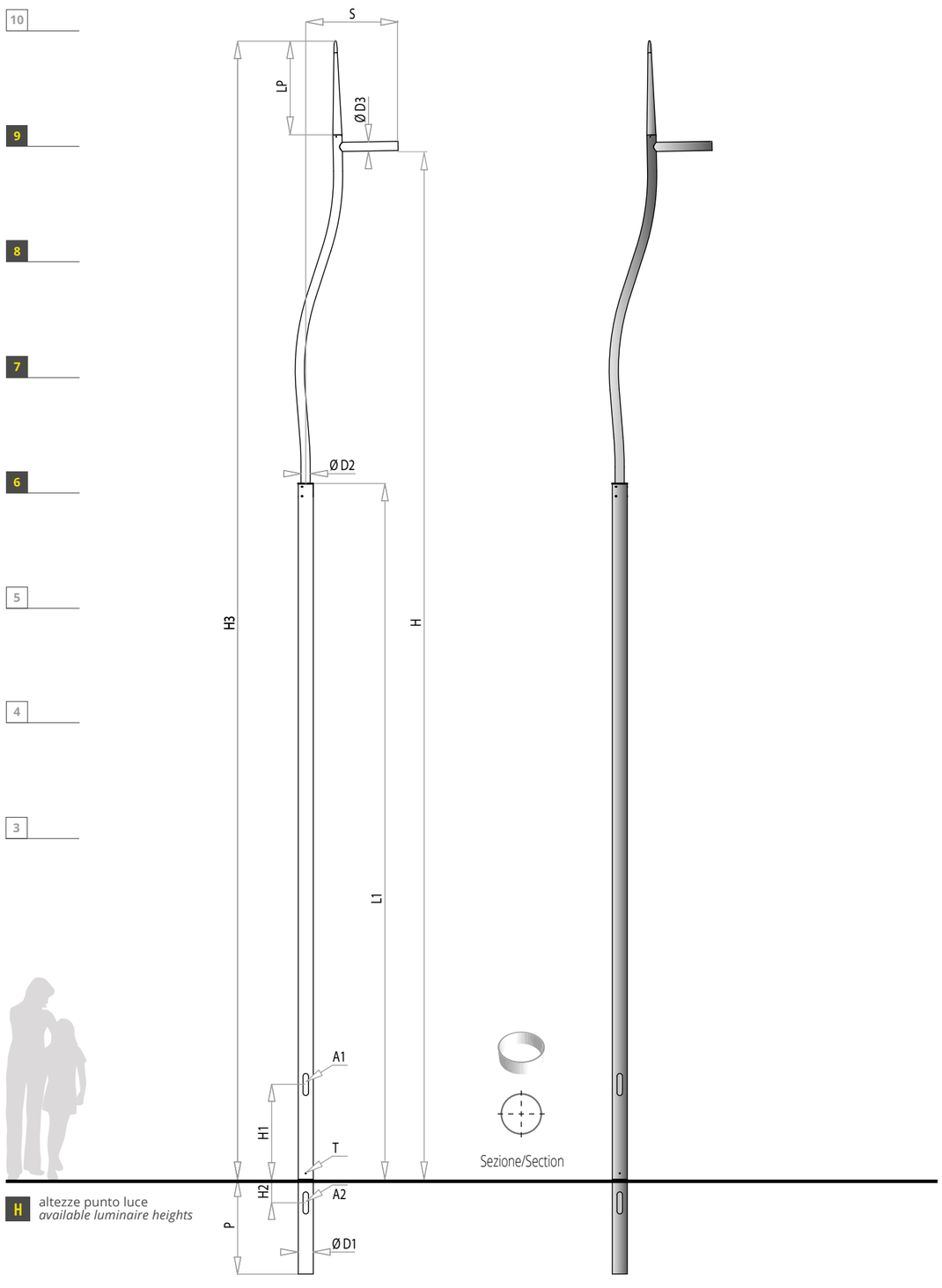
PS

Design series | *Designed by*
Marzia Bandini - Massimo Sacconi

			PS 6	**PS 7**	**PS 8**	**PS 9**
DIMENSIONI ***DIMENSIONS***	**D1**	1° Tratto (Ø x spessore) *1st Section (Ø x thickness)*	127x3 mm	127x3 mm	127x3 mm	Ø127x3 mm
	L1	Lunghezza 1° Tratto *1st Section length*	3530 mm	3530 mm	4012 mm	4012 mm
	D2	2° Tratto (Ø x spessore) *2nd Section (Ø x thickness)*	102x3 mm	102x3 mm	102x3 mm	102x3 mm
	L2	Lunghezza 2° Tratto *2nd Section length*	2770 mm	3715 mm	4220 mm	5200 mm
	D3	Ø Codolo *Ø Spigot*	Ø60 mm	Ø60 mm	Ø60 mm	Ø60 mm
	LP	Lunghezza Puntale *End part length*	850 mm	850 mm	850 mm	850 mm
MATERIALI ***MATERIALS***	**D1**	1° Tratto - *1st Section*	S235 JR	S235 JR	S235 JR	S235 JR
	D2	2° Tratto - *2nd Section*	S235 JR	S235 JR	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*			
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	6150 mm	7150 mm	8100 mm	9100 mm
	H1	Altezza portella *Hatch height*	800 mm	800 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm
	H3	Altezza fuori terra *Above ground height*	7150 mm	8095 mm	9080 mm	10060 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		800 mm	800 mm	800 mm	800 mm
PESO ***WEIGHT***			76 kg	80 kg	84 kg	88 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.



Valori espressi in metri | *Measures in metres*

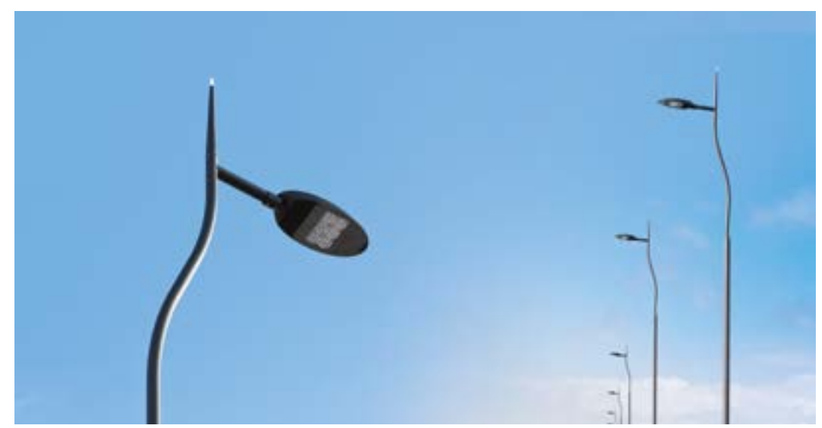
PZ

Design series | *Designed by*

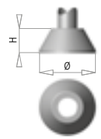
Marzia Bandini - Massimo Sacconi

Palo in acciaio composto da 2 elementi contraddistinti:
1. Prima parte: sezione tubolare circolare realizzata in un unico tratto.
2. Seconda parte (superiore): sezione tubolare circolare a profilo curvato.
La lavorazione di testa per il montaggio della parte superiore è realizzata con sistema a flangia interna con fissaggio tramite 6 viti laterali in acciaio inox. La parte superiore è realizzata in tubolare di acciaio sagomato a doppia curvatura differenziata contrapposta. Parte finale con puntale in acciaio conificato. Codolo di attacco standard idoneo per apparecchi predisposti di attacco Ø 76 mm. Codolo adattatore disponibile per apparecchi con attacco Ø 60 mm (opzionale). Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo. Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere.
Cod. 01,02,03,04, RAL su richiesta.

Steel pole consisting of 2 separate elements. First element: circular tubular cross section consisting of one single section. Second element (upper): circular tubular cross section with bent profile. The top end for the assembly of the upper element has an internal flange system with fastening by means of 6 stainless steel side screws. The upper element is made of tubular shaped steel, with double differentiated opposite bend. End part with conical steel tip. Standard connection spigot for units with Ø 76 mm connections. An adapter spigot is also available on request for units with Ø 60 mm connections. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door. Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating. Cod. 01,02,03,04, RAL on request.



ACCESSORI
ACCESSORIES



BASE BA/2

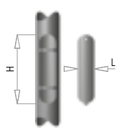
	PZ 6 - PZ 7 - PZ 8
H	160
Ø	360

Per il palo PZ 9 non è disponibile la base BA/2
The BA/2 base is not available for the PZ 9 pole

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	Filo palo *Flush mounted*
PZ 6	T-39 G	RESET 16
PZ 7	T-39 G	RESET 16
PZ 8	T-39 G	RESET 17
PZ 9	T-39 G	RESET 17

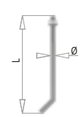
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

HxL	300x85
	400x90

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*



KIT TIRAFONDI - *ANCHOR BOLTS*

	PZ 6 - PZ 7	PZ 8 - PZ 9
L	500	700
Ø	M 18	M 27

ADAPTATORE APPARECCHIO PER ATTACCO
LUMINAIRE ADAPTER FOR BRACKET

Ø	60

Valori espressi in millimetri | *Measures in millimeters*

PZ

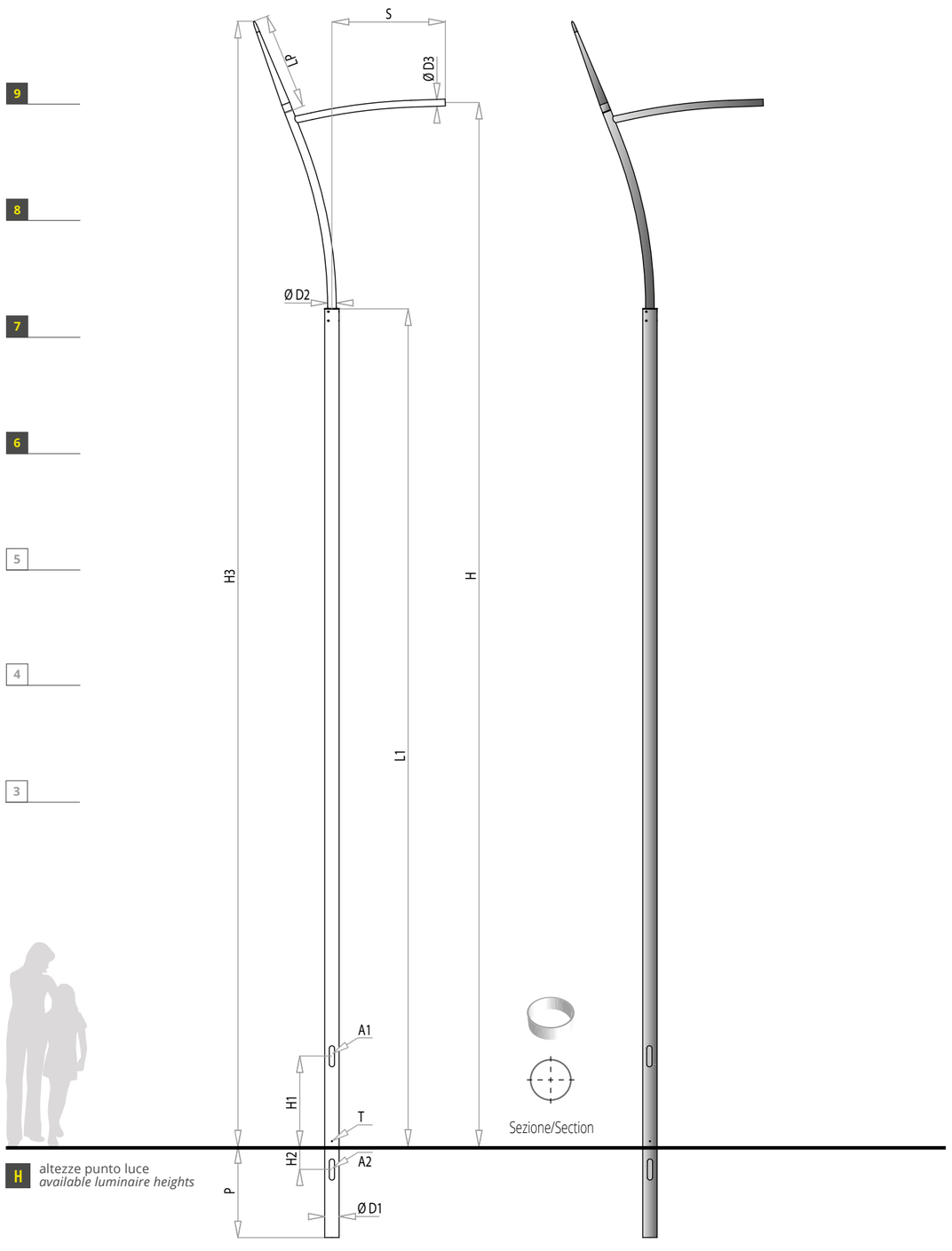
Design series | *Designed by*
Marzia Bandini - Massimo Sacconi

			PZ 6	PZ 7	PZ 8	PZ 9
DIMENSIONI ***DIMENSIONS***	**D1**	1° Tratto (Ø x spessore) *1st Section (Ø x spessore)*	127x3 mm	127x3 mm	127x3 mm	139x3 mm
	L1	Lunghezza 1° Tratto *1st Section length*	3700 mm	4700 mm	5200 mm	6200 mm
	D2	Ø Braccio *Ø Bracket*	76x3 mm	76x3 mm	76x3 mm	76x3 mm
	S	Sporgenza Braccio *Bracket projection*	700 mm	700 mm	750 mm	750 mm
	D3	Codolo (Ø x spessore) *Spigot (Ø x spessore)*	76x3 mm	76x3 mm	76x3 mm	76x3 mm
	LP	Lunghezza Puntale *End part length*	850 mm	850 mm	850 mm	850 mm
MATERIALI ***MATERIALS***	**D1**	1° Tratto - *1st Section*	S235 JR	S235 JR	S235 JR	S235 JR
	D2	2° Tratto - *2nd Section*	S235 JR	S235 JR	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*			
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	6000 mm	7000 mm	8000 mm	9000 mm
	H1	Altezza portella *Hatch height*	800 mm	800 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm
	H3	Altezza fuori terra *Above ground height*	6870 mm	7870 mm	8870 mm	9870 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		800 mm	800 mm	800 mm	800 mm
PESO ***WEIGHT***			60 kg	75 kg	90 kg	100 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

10
9
8
7
6
5
4
3



Valori espressi in metri | *Measures in metres*

H altezze punto luce
available luminaire heights

PE

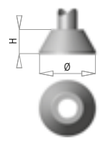
Design series | *Designed by*

Marzia Bandini - Massimo Sacconi

Palo in acciaio a sezione circolare realizzato in un unico tratto dotato di mensola singola. La lavorazione di testa per il montaggio del braccio è realizzata con sistema a flangia interna con fissaggio tramite 6 viti laterali in acciaio inox. Il braccio è realizzato in tubolare di acciaio in 2 parti sagomate e successivamente saldate. Codolo di attacco standard idoneo per apparecchi predisposti di attacco Ø 60 mm con puntale in acciaio conificato. Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo. Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere. Cod. 01,02,03,04, RAL su richiesta.

Steel pole consisting of 2 separate elements. First element: circular tubular cross section consisting of one single section. Second element (upper): circular tubular cross section with bent profile. The top end for the assembly of the upper element has an internal flange system with fastening using 6 stainless steel side screws. The upper element is made of tubular shaped steel, with double differentiated opposite bend. End part with conical steel tip. Standard connection spigot for units with Ø 60 mm connection. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door.
Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating. Code 01,02,03,04, RAL on request.

ACCESSORI
ACCESSORIES



BASE BA/2

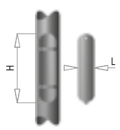
	PE 6 - PE 7 - PE 8
H	160
Ø	360

Per il palo PE 9 non è disponibile la base BA/2
The BA/2 base is not available for the PE 9 pole

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	Filo palo *Flush mounted*
PE 6	T-39 G	RESET 16
PE 7	T-39 G	RESET 16
PE 8	T-39 G	RESET 17
PE 9	T-39 G	RESET 17

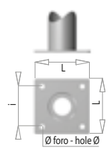
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

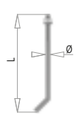
HxL	300x85
	400x90

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
PS 6	180	250x250	22	15
PS 7	180	250x250	22	15
PS 8	260	350x350	30	20
PS 9	260	350x350	30	20



KIT TIRAFONDI - *ANCHOR BOLTS*

	PE 6 - PE 7	PE 8 - PE 9
L	500	700
Ø	M 18	M 27

Valori espressi in millimetri | *Measures in millimeters*

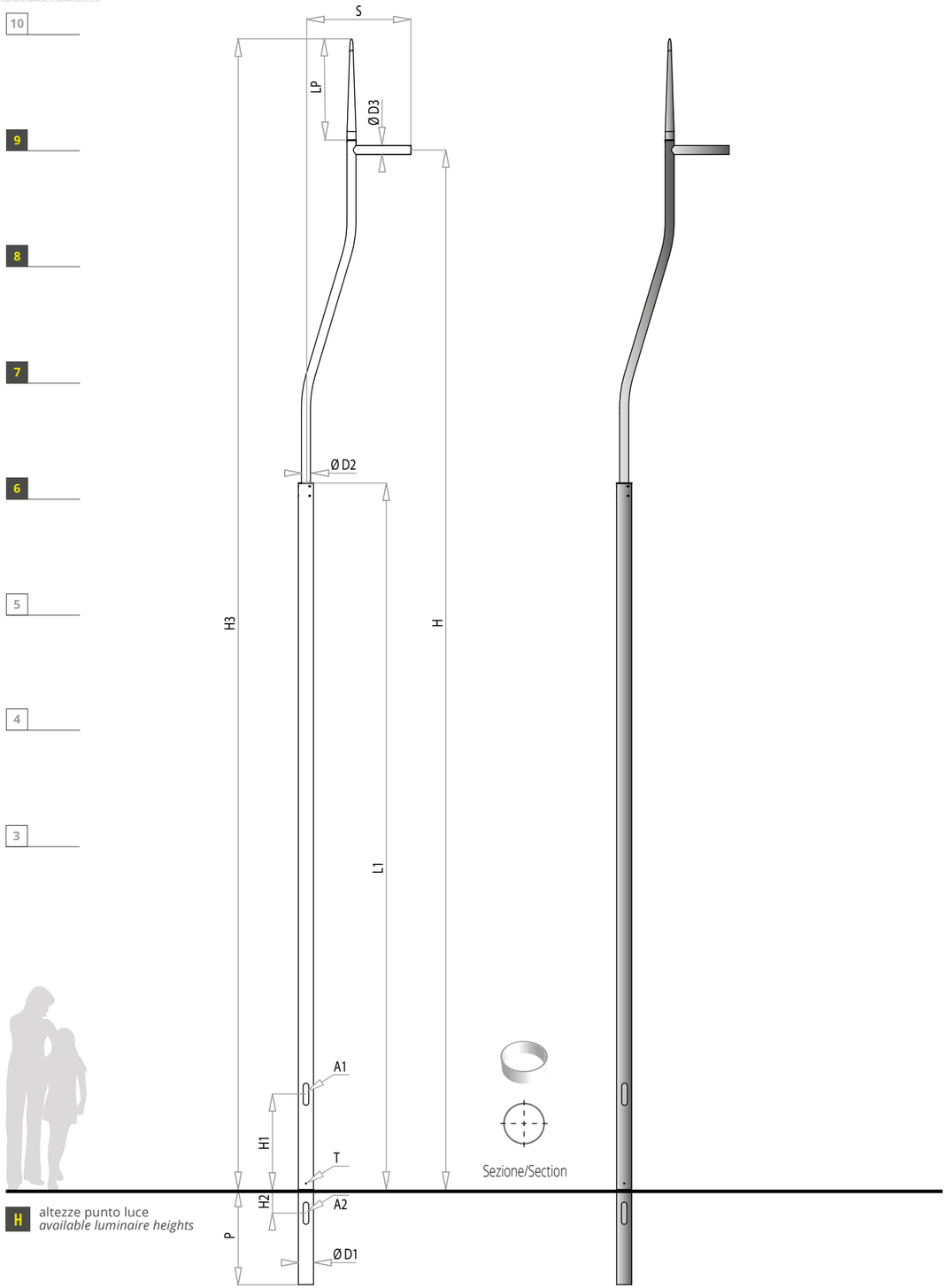
PE

Design series | *Designed by*
Marzia Bandini - Massimo Sacconi

			PE 6	PE 7	PE 8	PE 9
DIMENSIONI ***DIMENSIONS***	**D1**	1° Tratto (Ø x spessore) *1st Section (Ø x spessore)*	127x3 mm	127x3 mm	127x3 mm	139x3 mm
	L1	Lunghezza 1° Tratto *1st Section length*	4700 mm	5200 mm	6200 mm	7200 mm
	D2	Ø Braccio *Ø Bracket*	76x3 mm	76x3 mm	76x3 mm	76x3 mm
	S	Sporgenza Braccio *Bracket projection*	800 mm	1000 mm	1000 mm	1000 mm
	D3	Codolo (Ø x spessore) *Spigot (Ø x spessore)*	60 mm	60 mm	60 mm	60 mm
	LP	Lunghezza Puntale *End part length*	850 mm	850 mm	850 mm	850 mm
MATERIALI ***MATERIALS***	**D1**	1° Tratto - *1st Section*	S235 JR	S235 JR	S235 JR	S235 JR
	D2	2° Tratto - *2nd Section*	S235 JR	S235 JR	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*			
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	6000 mm	7000 mm	8000 mm	9000 mm
	H1	Altezza portella *Hatch height*	800 mm	800 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm
	H3	Altezza fuori terra *Above ground height*	6780 mm	7740 mm	8740 mm	9740 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		800 mm	800 mm	800 mm	800 mm
PESO ***WEIGHT***			60 kg	75 kg	85 kg	100 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.



Valori espressi in metri | *Measures in metres*

PH

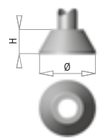
Design series | *Designed by*

Marzia Bandini - Massimo Sacconi

Palo in acciaio composto da 2 elementi contraddistinti: 1. Prima parte: sezione tubolare circolare realizzata in un unico tratto. 2. Seconda parte (superiore): sezione tubolare circolare a profilo curvato. La lavorazione di testa per il montaggio della parte superiore è realizzata con sistema a flangia interna con fissaggio tramite 6 viti laterali in acciaio inox. La parte superiore è realizzata in tubolare di acciaio sagomato a doppia curvatura differenziata contrapposta parte finale con puntale in acciaio conificato. Codolo di attacco standard idoneo per apparecchi predisposti di attacco Ø 76 mm. Codolo adattatore disponibile per apparecchi con attacco Ø 60 mm (opzionale). Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo. Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere. Cod. 01,02,03,04, RAL su richiesta.

Steel pole consisting of 2 separate elements. First element: circular tubular cross section consisting of one single section. Second element (upper): circular tubular cross section with bent profile. The top end for the assembly of the upper element has an internal flange system with fastening using 6 stainless steel side screws. The upper element is made of tubular shaped steel, with double differentiated opposite bend. Standard connection spigot for units with Ø 76 mm connection. An adapter spigot is also available on request for units with Ø 60 mm connections. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door. Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating. Code 01,02,03,04, RAL on request.

ACCESSORI
ACCESSORIES



BASE BA/2

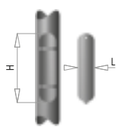
	PH 6 - PH 7 - PH 8
H	160
Ø	360

Per il palo PH 9 non è disponibile la base BA/2
The BA/2 base is not available for the PH 9 pole

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	Filo palo *Flush mounted*
PH 6	T-39 G	RESET 16
PH 7	T-39 G	RESET 16
PH 8	T-39 G	RESET 17
PH 9	T-39 G	RESET 17

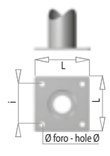
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

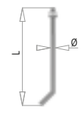
HxL	300x85
	400x90

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
PH 6	180	250x250	22	15
PH 7	180	250x250	22	15
PH 8	260	350x350	30	20
PH 9	260	350x350	30	20



KIT TIRAFONDI - *ANCHOR BOLTS*

	PH 6 - PH 7	PH 8 - PH 9
L	500	700
Ø	M 18	M 27

ADAPTATORE APPARECCHIO PER ATTACCO
LUMINAIRE ADAPTER FOR BRACKET

Ø	60

Valori espressi in millimetri | *Measures in millimeters*

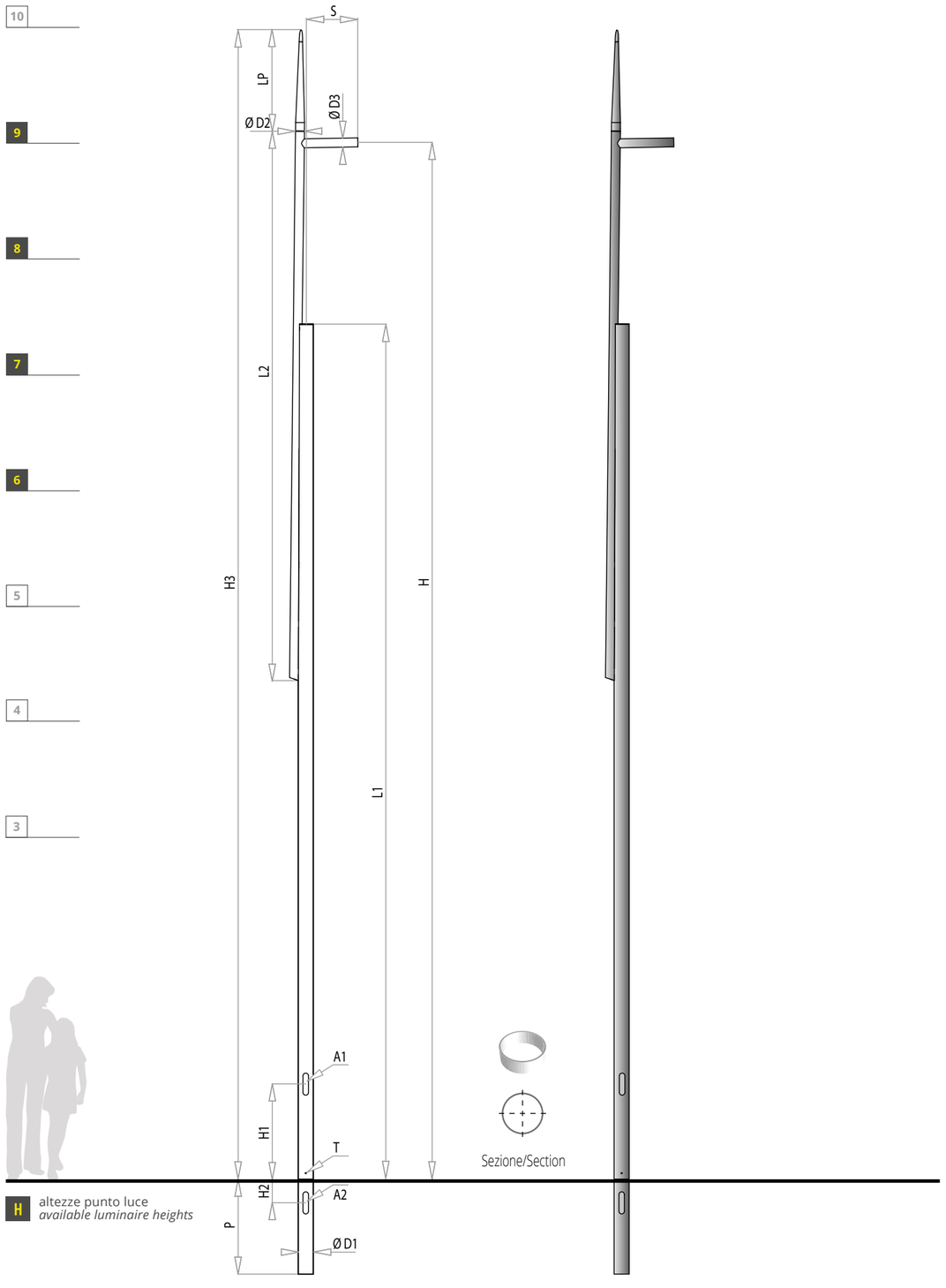
PH

Design series | *Designed by*
Marzia Bandini - Massimo Sacconi

			PH 6	PH 7	PH 8	PH 9
DIMENSIONI ***DIMENSIONS***	**D1**	1° Tratto (Ø x spessore) *1st Section (Ø x spessore)*	127x3 mm	127x3 mm	127x3 mm	139x3 mm
	L1	Lunghezza 1° Tratto *1st Section length*	3700 mm	4700 mm	5200 mm	6200 mm
	D2	Ø Braccio *Ø Bracket*	76x3 mm	76x3 mm	76x3 mm	76x3 mm
	S	Sporgenza Braccio *Bracket projection*	880 mm	880 mm	880 mm	880 mm
	D3	Codolo (Ø x spessore) *Spigot (Ø x spessore)*	76 mm	76 mm	76 mm	76 mm
	LP	Lunghezza Puntale *End part length*	850 mm	850 mm	850 mm	850 mm
MATERIALI ***MATERIALS***	**D1**	1° Tratto - *1st Section*	S235 JR	S235 JR	S235 JR	S235 JR
	D2	2° Tratto - *2nd Section*	S235 JR	S235 JR	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*			
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	6000 mm	7000 mm	8000 mm	9000 mm
	H1	Altezza portella *Hatch height*	800 mm	800 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm
	H3	Altezza fuori terra *Above ground height*	6870 mm	7870 mm	8870 mm	9870 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		800 mm	800 mm	800 mm	800 mm
PESO ***WEIGHT***			60 kg	75 kg	90 kg	100 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.



Valori espressi in metri | *Measures in metres*

PB

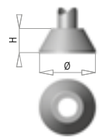
Design series | *Designed by*

Marzia Bandini - Massimo Sacconi

Palo in acciaio a sezione circolare composto da due elementi tubolari di diverso diametro incastrati nella parte laterale e successivamente saldati tra di essi. Il tratto superiore è inclinato rispetto al tratto inferiore e può disporre di un faretto spot (opzionale) per illuminazione decorativa lato marciapiede a luce LED bianca o colorata tramite sistema RGB. La parte superiore è predisposta di codolo per il montaggio di corpi illuminanti con attacco Ø 76 mm. Codolo laterale per la composizione di doppio corpo illuminante sfalsato (opzionale). Parte finale con puntale in acciaio conificato. Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo. Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere.
Cod. 01, RAL su richiesta.

Circular cross section steel pole consisting of two tubular elements of different diameters, mortised at the side and subsequently welded to each other. The top element is tilted in relation to the bottom element, and can house a spot beam (optional) for decorative lighting on the pavement side, either white LED, or coloured light using the RGB system. The upper element has a spigot for the installation of lighting bodies with Ø 76 mm connections. A further side spigot is also available on request for compositions with double offset lighting body. End part with conical steel tip. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door. Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating.
Code 01, RAL on request.

ACCESSORI
ACCESSORIES



BASE BA/2

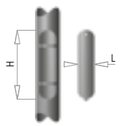
	PB 6 - PB 7 - PB 8
H	160
Ø	360

Per il palo PB 9 non è disponibile la base BA/2
The BA/2 base is not available for the PB 9 pole

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	Filo palo *Flush mounted*
PB 6	T-39 G	RESET 16
PB 7	T-39 G	RESET 16
PB 8	T-39 G	RESET 17
PB 9	T-39 G	RESET 17

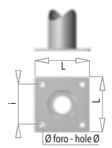
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

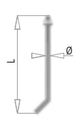
HxL	300x85
	400x90

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
PB 6	180	250x250	22	15
PB 7	180	250x250	22	15
PB 8	260	350x350	30	20
PB 9	260	350x350	30	20



KIT TIRAFONDI - *ANCHOR BOLTS*

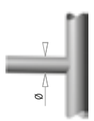
	PB 6 - PB 7	PB 8 - PB 9
L	500	700
Ø	M 18	M 27

ADATTATORE APPARECCHIO PER ATTACCO
LUMINAIRE ADAPTER FOR BRACKET

Ø	60

FARETTO SPOT - *SPOTLIGHT*

APERTURA - *BEAM*	40°
APERTURA - *BEAM*	
COLORE - *COLOUR*	



BRACCETTO LATERALE PER PUNTO LUCE SFALZATO
LATERAL BRACKET FOR STAGGERED LUMINAIRE

SPORGENZA - *PROJECTION*	250
Ø	76

Valori espressi in millimetri | *Measures in millimeters*

PB

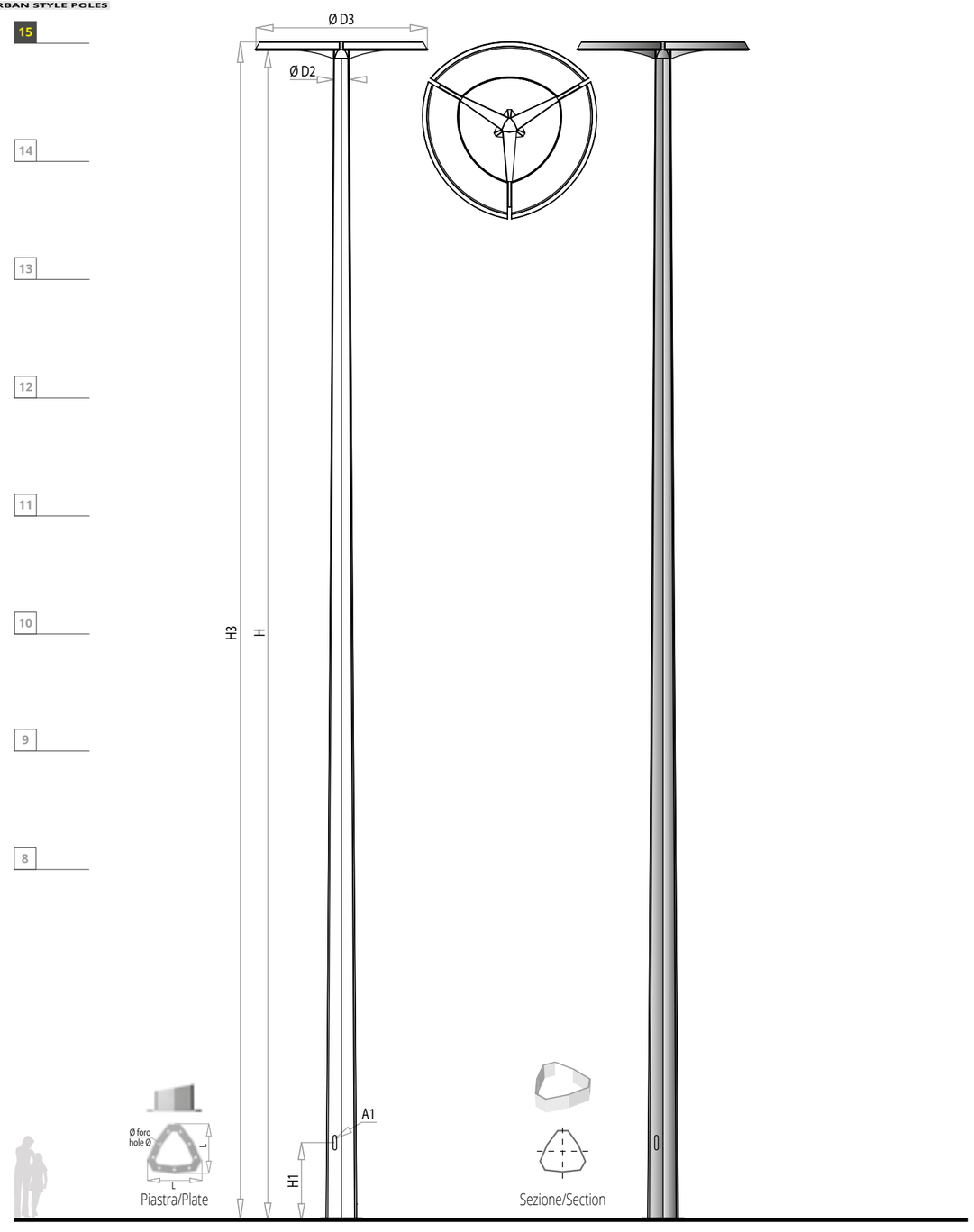
Design series | *Designed by*
Marzia Bandini - Massimo Sacconi

			PB 6	PB 7	PB 8	PB 9
DIMENSIONI ***DIMENSIONS***	**D1**	1° Tratto (Ø x spessore) *1st Section (Ø x thickness)*	127x3 mm	127x3 mm	127x3 mm	139x3 mm
	L1	Lunghezza 1° Tratto *1st Section length*	4200 mm	5200 mm	6200 mm	7200 mm
	D2	2° Tratto (Ø x spessore) *2nd Section (Ø x thickness)*	76x3 mm	76x3 mm	76x3 mm	76x3 mm
	L2	Lunghezza 2° Tratto *2nd Section length*	3000 mm	4 000 mm	4000 mm	5000 mm
	S	Sporgenza codolo *Spigot projection*	430 mm	430 mm	430 mm	430 mm
	D3	Codolo (Ø x spessore) *Spigot (Ø x thickness)*	76x3 mm	76x3 mm	76x3 mm	76x3 mm
	LP	Lunghezza Puntale *End part length*	850 mm	850 mm	850 mm	850 mm
MATERIALI ***MATERIALS***	**D1**	1° Tratto - *1st Section*	S235 JR	S235 JR	S235 JR	S235 JR
	D2	2° Tratto - *2nd Section*	S235 JR	S235 JR	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*			
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	6000 mm	7000 mm	8000 mm	9000 mm
	H1	Altezza portella *Hatch height*	800 mm	800 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm
	H3	Altezza fuori terra *Above ground height*	7050 mm	8050 mm	9050 mm	10050 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		800 mm	800 mm	800 mm	800 mm
PESO ***WEIGHT***			55 kg	68 kg	82 kg	105 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

BABEL



Valori espressi in metri | *Measures in metres*

H altezze punto luce
available luminaire heights

Palo conico in acciaio a sezione pseudo-triangolare, composto da due tratti realizzati mediante presso-piegatura e saldatura e assemblati meccanicamente in fase di installazione a creare un unico tratto. Doppia asola per morsettiera.
Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere.
Bianco satinato marmorizzato semilucido COD. 2D.

Conical pole in steel featured by a pseudo-triangular section and composed of two parts made through press-bending and welding processes. The two parts are mechanically assembled during the installation in order to create a single section. Double terminal box slot.
Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating. Satin marbled semi-gloss white, COD. 2D.

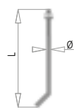
ACCESSORI
ACCESSORIES

BABEL

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard ***Standard***
BABEL 15	T-39 Q

Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*

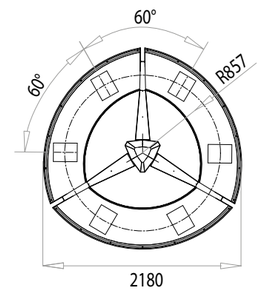


KIT TIRAFONDI - *ANCHOR BOLTS*

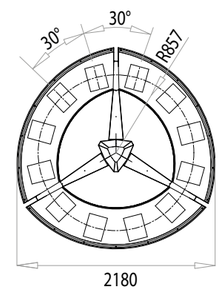
	BABEL 15
L	600
Ø	M 22

Valori espressi in millimetri | *Measures in millimeters*

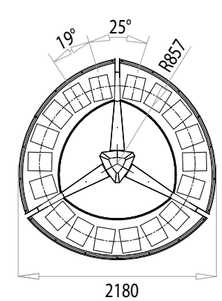
6 MODULI | MODULES



12 MODULI | MODULES



16 MODULI | MODULES

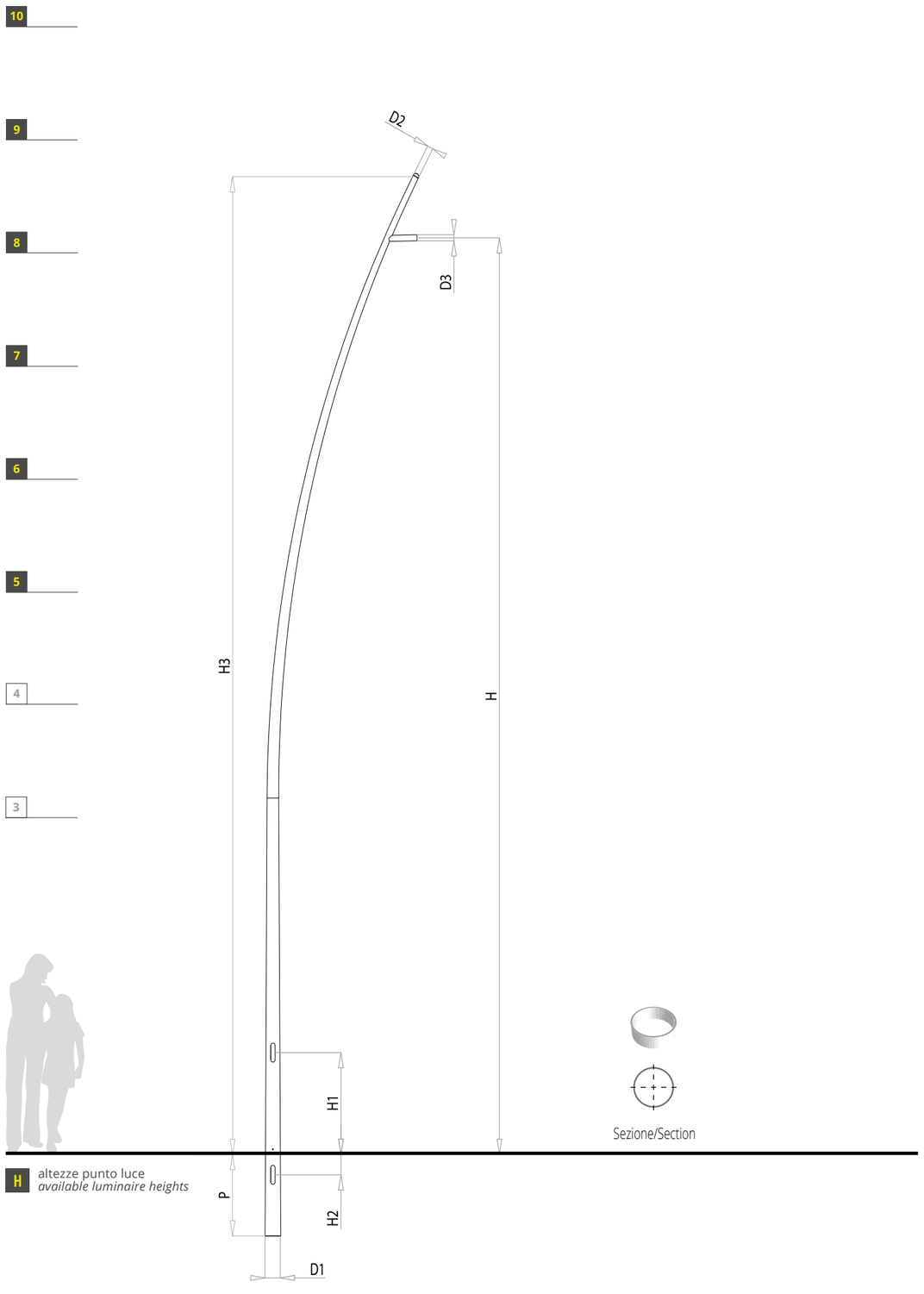


				BABEL 15
DIMENSIONI ***DIMENSIONS***	**D1**	1° Tratto (Ø x spessore) *1st Section (Ø x thickness)*		390x4 mm
	D2	2° Tratto (Ø x spessore) *2nd Section (Ø x thickness)*		196x4 mm
	D3	Codolo (Ø x spessore) *Spigot (Ø x thickness)*		2180 mm
MATERIALI ***MATERIALS***				S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*		186x45 mm
	B	Messa a terra *Grounding*	Dimensione (LxL) *Dimension (LxL)*	547x547 mm
			Ø foro *Hole Ø*	26 mm
			Spessore *Thickness*	20 mm
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*		15000 mm
	H1	Altezza portella *Hatch height*		1000 mm
	H3	Altezza fuori terra *Above ground height*		5745 mm
PESO ***WEIGHT***				442 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

PI



Valori espressi in metri | *Measures in metres*

Palo conico in acciaio saldato e scordonato, realizzato in un unico tratto piegato longitudinalmente con finale in materiale plastico. Il palo è dotato di codolo standard dal diametro di 60 mm. Fissaggio interrato. Asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo. Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere. Cod. 01,02,03,04, RAL su richiesta.

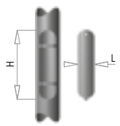
Conical steel pole, welded and de-beaded, consisting of one single longitudinally bent section. Conical drawn aluminium tip with plastic end. The pole has a double standard shank with 60 mm diameter. Underground fixing. Terminal box slot with finished edges, also suitable for the application of a flush mounted cover. Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating. Code 01, RAL on request.

ACCESSORI
ACCESSORIES

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	Filo palo *Flush mounted*
PI 6	T-39	RESET 15
PI 7	T-39 G	RESET 16
PI 8	T-39 G	RESET 17
PI 9	T-39 G	RESET 17
PI 10	T-39 G	RESET 18

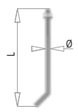
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

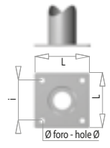
HxL	300x65
	400x90*

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*
* Escluso PI 6, PI 7 - *Except PI 6, PI 7*



KIT TIRAFONDI - *ANCHOR BOLTS*

	PI 6 - PI 7 - PI 8	PI 9 - PI 10
L	500	700
Ø	M 18	M 20



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
PI 6	180	250x250	22	12
PI 7	200	300x300	22	12
PI 8	200	300x300	22	15
PI 9	250	350x350	24	15
PI 10	250	350x350	24	15

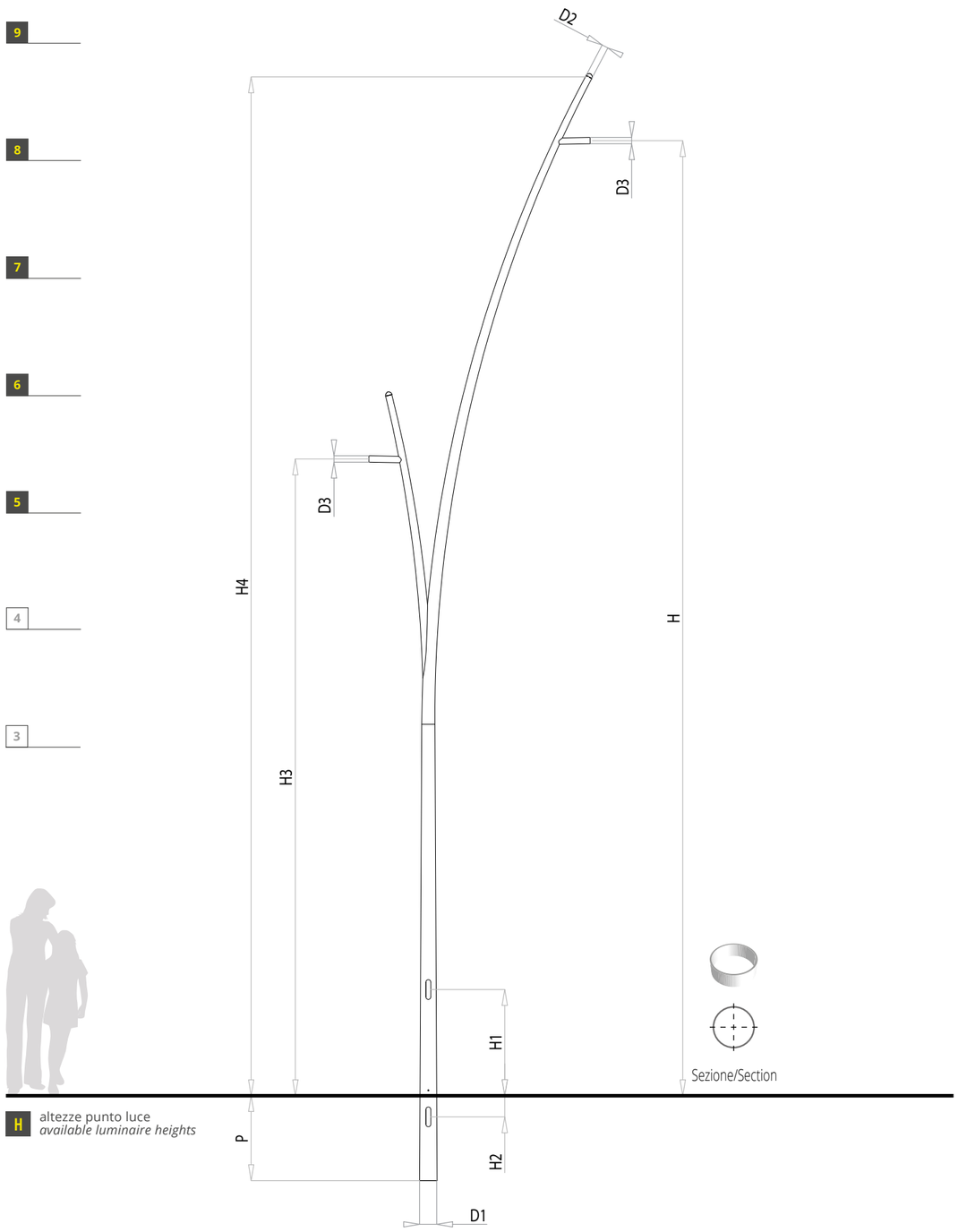
			PI 6	PI 7	PI 8	PI 9	PI 10
DIMENSIONI ***DIMENSIONS***	**D1**	Dimensione alla base (Ø x spessore) *Dimension at the base (Ø x thickness)*	136 mm	146 mm	156 mm	166 mm	176 mm
	D2	Dimensione in testa (Ø) *Dimension at the top (Ø)*	60 mm	60 mm	60 mm	60 mm	60 mm
	D3	Codolo (Ø) *Spigot (Ø)*	60 mm	60 mm	60 mm	60 mm	60 mm
MATERIALI ***MATERIALS***	**D1**	Tratto unico *Single section*	S235 JR	S235 JR	S235 JR	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*				
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	6000 mm	7000 mm	8000 mm	9000 mm	10000 mm
	H1	Altezza portella *Hatch height*	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm	200 mm
	H3	Altezza fuori terra *Above ground height*	6600 mm	7600 mm	8600 mm	9600 mm	10600 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		800 mm	800 mm	800 mm	800 mm	800 mm
PESO ***WEIGHT***			55 kg	65 kg	76 kg	116 kg	132 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

Valori espressi in millimetri | *Measures in millimeters*

PI S2



Valori espressi in metri | *Measures in metres*

Palo conico in acciaio saldato e scordonato, realizzato in doppio tratto piegato longitudinalmente con finale in materiale plastico. Il palo è dotato di codolo standard dal diametro di 60 mm. Fissaggio interrato. Asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo. Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere. Cod. 01,02,03,04, RAL su richiesta.

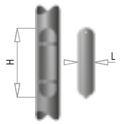
Conical steel pole, welded and de-beaded, consisting of double longitudinally bent section. Conical drawn aluminium tip with plastic end. The pole has a double standard shank with 60 mm diameter. Underground fixing. Terminal box slot with finished edges, also suitable for the application of a flush mounted cover. Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating. Code 01, RAL on request.

ACCESSORI
ACCESSORIES

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	Filo palo *Flush mounted*
PI 6 S2	T-39	RESET 15
PI 7 S2	T-39 G	RESET 16
PI 8 S2	T-39 G	RESET 17
PI 9 S2	T-39 G	RESET 17
PI 10 S2	T-39 G	RESET 18

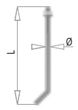
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

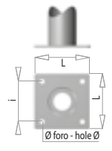
HxL	300x65
	400x90*

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*
* Escluso PI 6 S2, PI 7 S2 - *Except PI 6 S2, PI 7 S2*



KIT TIRAFONDI - *ANCHOR BOLTS*

	PI 6 S2 - PI 7 S2 - PI 8 S2	PI 9 S2 - PI 10 S2
L	500	700
Ø	M 18	M 24



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
PI 6 S2	180	250x250	22	12
PI 7 S2	200	300x300	22	15
PI 8 S2	200	300x300	22	15
PI 9 S2	250	350x350	28	15
PI 10 S2	250	350x350	28	20

Valori espressi in millimetri | *Measures in millimeters*

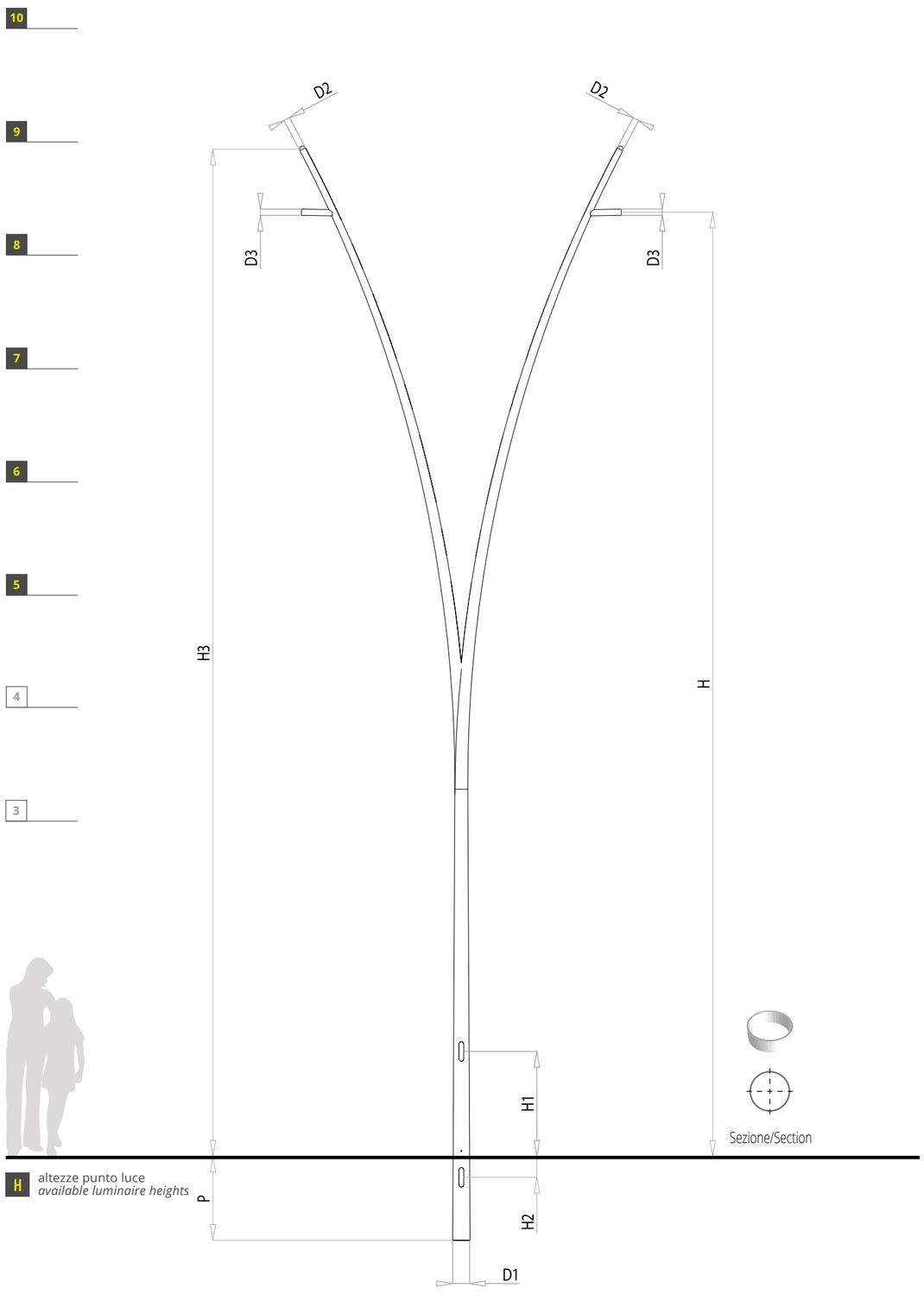
PI S2

			PI 6 S2	PI 7 S2	PI 8 S2	PI 9 S2	PI 10 S2
DIMENSIONI ***DIMENSIONS***	**D1**	Dimensione alla base (Ø x spessore) *Dimension at the base (Ø x thickness)*	136 mm	146 mm	156 mm	166 mm	176 mm
	D2	Dimensione in testa (Ø) *Dimension at the top (Ø)*	60 mm	60 mm	60 mm	60 mm	60 mm
	D3	Codolo (Ø) *Spigot (Ø)*	60 mm	60 mm	60 mm	60 mm	60 mm
MATERIALI ***MATERIALS***	**D1**	Tratto unico *Single section*	S235 JR	S235 JR	S235 JR	S235 JR	S355 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*				
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	6000 mm	7000 mm	8000 mm	9000 mm	10000 mm
	H1	Altezza portella *Hatch height*	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm	200 mm
	H3	Altezza punto luce sfalzato *Staggered luminaire height*	4000 mm	5000 mm	5500 mm	6000 mm	7000 mm
	H4	Altezza fuori terra *Above ground height*	6600 mm	7600 mm	8600 mm	9600 mm	10600 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		800 mm	800 mm	800 mm	800 mm	800 mm
PESO ***WEIGHT***			68 kg	102 kg	118 kg	135 kg	156 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

PI D2



Valori espressi in metri | *Measures in metres*

Palo conico in acciaio saldato e scordonato, realizzato in doppio tratto piegato longitudinalmente con finali in materiale plastico. Il palo è dotato di doppio codolo standard dal diametro di 60 mm. Asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo. Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere. Cod. 01,02,03,04, RAL su richiesta.

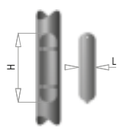
Conical steel pole, welded and de-beaded, consisting of double longitudinally bent section with plastic ends. The pole has a double standard shank with 60 mm diameter. Conical drawn aluminium tip with plastic end. Terminal box slot with finished edges, also suitable for the application of a flush mounted cover. Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating. Code 01, RAL on request.

ACCESSORI
ACCESSORIES

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	Filo palo *Flush mounted*
PI 6 D2	T-39	RESET 15
PI 7 D2	T-39 G	RESET 16
PI 8 D2	T-39 G	RESET 17
PI 9 D2	T-39 G	RESET 17
PI 10 D2	T-39 G	RESET 18

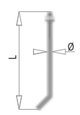
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

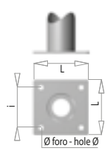
HxL	300x65
	400x90*

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*
* Escluso PI 6 D2, PI 7 D2 - *Except PI 6 D2, PI 7 D2.*



KIT TIRAFONDI - *ANCHOR BOLTS*

	PI 6 D2	PI 7 D2	PI 8 D2 - PI 9 D2	PI 10 D2
L	500	700	700	700
Ø	M 18	M 20	M 24	M 27



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
PI 6 D2	180	250x250	22	15
PI 7 D2	200	300x300	24	15
PI 8 D2	200	300x300	28	15
PI 9 D2	250	350x350	28	20
PI 10 D2	250	350x350	32	20

Valori espressi in millimetri | *Measures in millimeters*

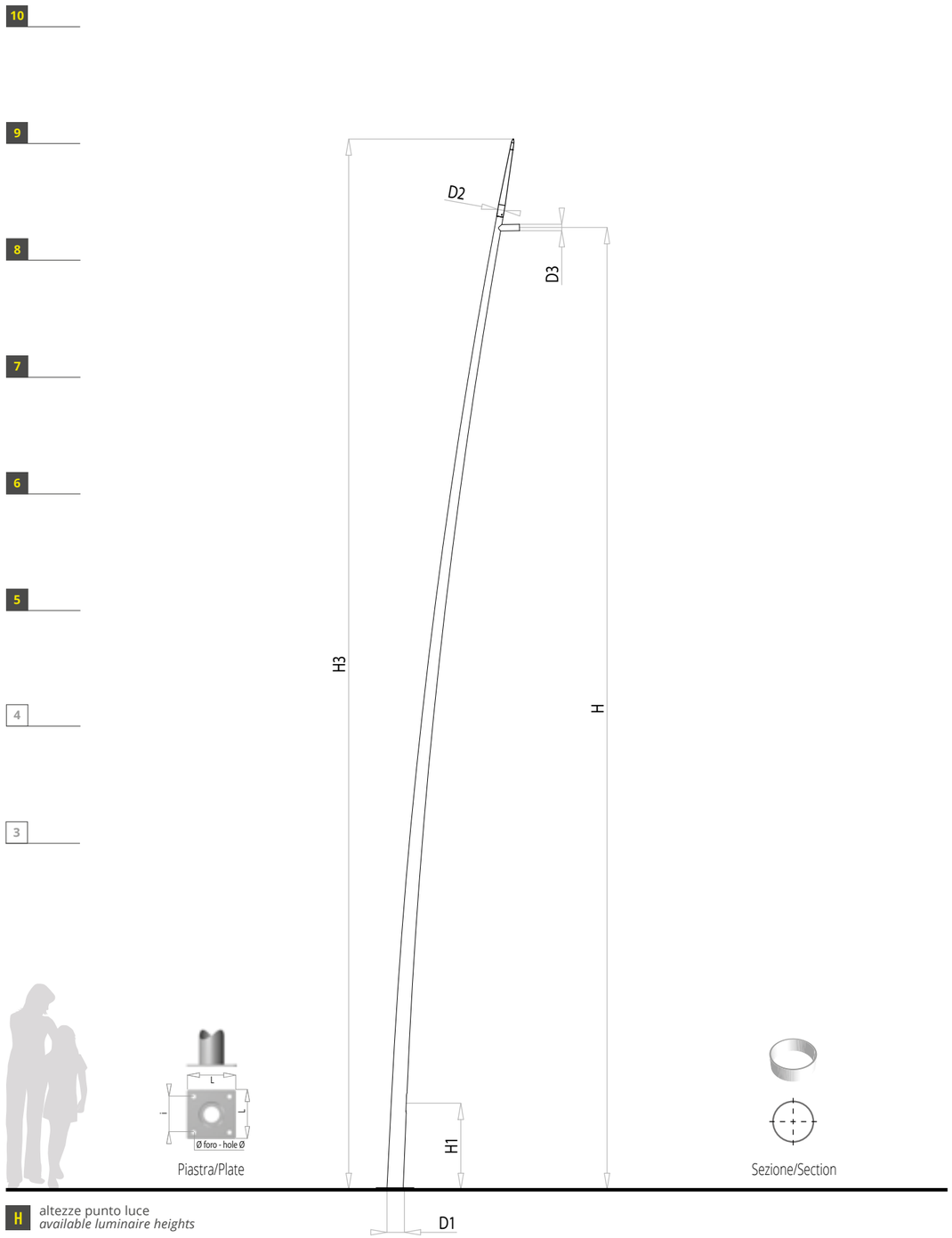
PI D2

			PI 6 D2	PI 7 D2	PI 8 D2	PI 9 D2	PI 10 D2
DIMENSIONI ***DIMENSIONS***	**D1**	Dimensione alla base (Ø x spessore) *Dimension at the base (Ø x thickness)*	136 mm	146 mm	156 mm	166 mm	176 mm
	D2	Dimensione in testa (Ø) *Dimension at the top (Ø)*	60 mm	60 mm	60 mm	60 mm	60 mm
	D3	Codolo (Ø) *Spigot (Ø)*	60 mm	60 mm	60 mm	60 mm	60 mm
MATERIALI ***MATERIALS***	**D1**	Tratto unico *Single section*	S235 JR	S235 JR	S235 JR	S355 JR	S355 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*				
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	6000 mm	7000 mm	8000 mm	9000 mm	10000 mm
	H1	Altezza portella *Hatch height*	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm	200 mm
	H3	Altezza fuori terra *Above ground height*	6600 mm	7600 mm	8600 mm	9600 mm	10600 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		800 mm	800 mm	800 mm	800 mm	800 mm
PESO ***WEIGHT***			80 kg	114 kg	135 kg	155 kg	180 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

PV



Valori espressi in metri | *Meosures in metres*

Palo conico in acciaio saldato e scordonato, realizzato in un unico tratto piegato longitudinalmente. Puntale conico in alluminio trafilato con finale in materiale plastico. Il palo è dotato di codolo standard diametro 60 mm. Fissaggio con piastra di base. Asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo. Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere. Cod. 01,02,03,04, RAL su richiesta.

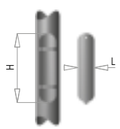
Conical steel pole, welded and de-beaded, consisting of one single longitudinally bent section. Conical drawn aluminium tip with plastic end. The pole has a standard spigot for the installation with 60 mm of diameter. Fastening base plate. Terminal box slot with finished edges, also suitable for the application of a flush mounted cover. Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating. Code 01,02,03,04, RAL on request.

ACCESSORI
ACCESSORIES

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	**Filo palo** *Flush mounted*
PV 6	T-39	RESET 12
PV 7	T-39 G	RESET 15
PV 8	T-39 G	RESET 16
PV 9	T-39 G	RESET 17
PV 10	T-39 G	RESET 18

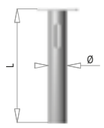
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

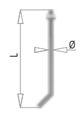
HxL	300x65
	400x90*

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*
* Escluso PV 6, PV 7 - *Except PV 6, PV 7*



CONTROPIASTRA INTERRAMENTO
IN-GROUNDING PLATE

L	850
Ø	139



KIT TIRAFONDI - *ANCHOR BOLTS*

	PV 6 - PV 7 - PV 8	**PV 9 - PV 10**
L	500	700
Ø	M 18	M 20

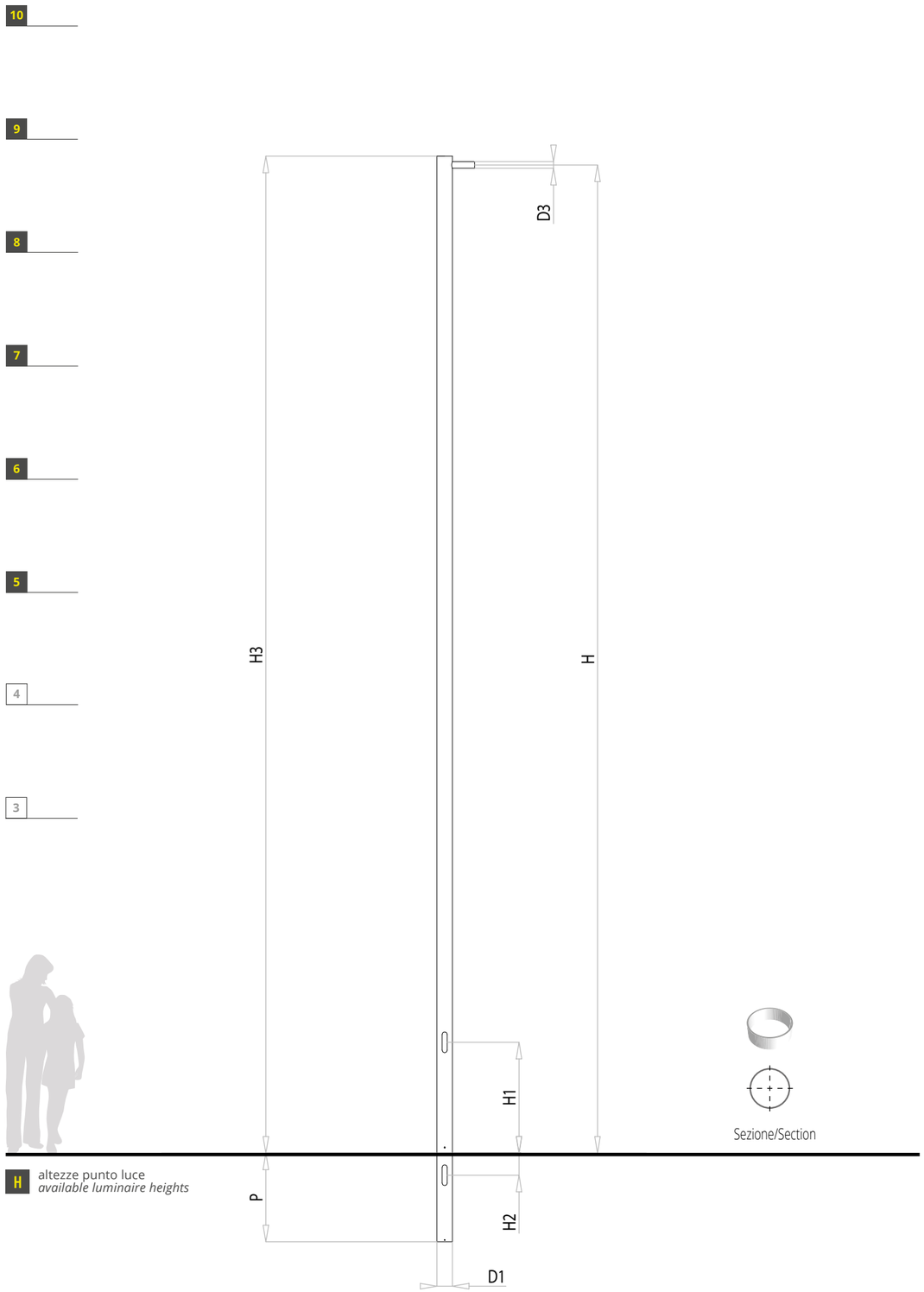
				PV 6	**PV 7**	**PV 8**	**PV 9**	**PV 10**
DIMENSIONI ***DIMENSIONS***	**D1**	Dimensione alla base (Ø x spessore) *Dimension at the base (Ø x thickness)*		121 mm	131 mm	141 mm	151 mm	161 mm
	D2	Dimensione in testa (Ø) *Dimension at the top (Ø)*		60 mm	60 mm	60 mm	60 mm	60 mm
	D3	Codolo (Ø) *Spigot (Ø)*		60 mm	60 mm	60 mm	60 mm	60 mm
MATERIALI ***MATERIALS***	**D1**	Tratto unico *Single section*		S235 JR	S235 JR	S235 JR	S355 JR	S355 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*		186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	B	Piastra di base *Base plate*	Dimensione (LxL) *Dimension (LxL)*	250x250 mm	300x300 mm	300x300 mm	350x350 mm	350x350 mm
			Interasse (i) *Spacing (i)*	148 mm	198 mm	198 mm	230 mm	230 mm
			Ø foro *Hole Ø*	22 mm	22 mm	22 mm	24 mm	24 mm
			Spessore *Thickness*	12 mm	12 mm	15 mm	15 mm	15 mm
	T	Messa a terra *Grounding*		Inserto filettato M10, zincato - *M10 threaded, galvanized insert*				
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*		5900 mm	6900 mm	7900 mm	8900 mm	9900 mm
	H1	Altezza portella *Hatch height*		800 mm	800 mm	800 mm	800 mm	800 mm
	H3	Altezza fuori terra *Above ground height*		6700 mm	7700 mm	8700 mm	9700 mm	10700 mm
PESO ***WEIGHT***				50 kg	60 kg	71 kg	85 kg	122 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

Valori espressi in millimetri | *Measures in millimeters*

P0



Valori espressi in metri | *Meosures in metres*

Palo in acciaio a sezione circolare realizzato in un unico tratto. Il palo è dotato di codolo laterale del diametro di 60 mm. Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo. Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere. Cod. 01,02,03,04, RAL su richiesta.

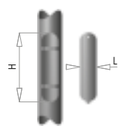
Circular section steel pole made in one section. The pole has a 60 mm side shank. Cable entry slot and terminal block slot with finishing of the edges of the cut also suitable for the application of recessed door flush with the pole. Hot dip galvanizing according to ISO 1461 and subsequent brushing to guarantee a perfect surface finish. Polyester powder painting. Cod. 01,02,03,04, RAL on request.

ACCESSORI
ACCESSORIES

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	Filo palo *Flush mounted*
P0 5	T-39	RESET 11
P0 6	T-39 G	RESET 16
P0 7	T-39 G	RESET 16
P0 8	T-39 G	RESET 16
P0 9	T-39 G	RESET 17

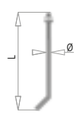
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

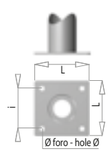
HxL	P0 5	P0 6 - P0 7 - P0 8 - P0 9
	300 x 65	400 x 90

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*
* Escluso P0 5, P0 6 - P0 7. *Except P0 6 - P0 7.*



KIT TIRAFONDI - *ANCHOR BOLTS*

	P0 7 - P0 8	P0 9
L	500	700
Ø	M 18	M 20



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
P0 5	180	250x250	22	10
P0 6	180	250x250	22	10
P0 7	180	250x250	22	12
P0 8	180	250x250	22	12
P0 9	200	300x300	24	15

			P0 5	P0 6	P0 7	P0 8	P0 9
DIMENSIONI ***DIMENSIONS***	**D1**	Dimensione alla base (Ø x spessore) *Dimension at the base (Ø x thickness)*	102 mm	127 mm	127 mm	127 mm	139 mm
	D3	Codolo (Ø) *Spigot (Ø)*	60 mm	60 mm	60 mm	60 mm	60 mm
MATERIALI ***MATERIALS***	**D1**	Tratto unico *Single section*	S235 JR	S235 JR	S235 JR	S355 JR	S355 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*				
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	4900 mm	5900 mm	6900 mm	7900 mm	8900 mm
	H1	Altezza portella *Hatch height*	1000 mm	1000 mm	1000 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm	200 mm
	H3	Altezza fuori terra *Above ground height*	5000 mm	6000 mm	7000 mm	8000 mm	9000 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		500 mm	800 mm	800 mm	800 mm	800 mm
PESO ***WEIGHT***			42 kg	64 kg	73 kg	82 kg	100 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

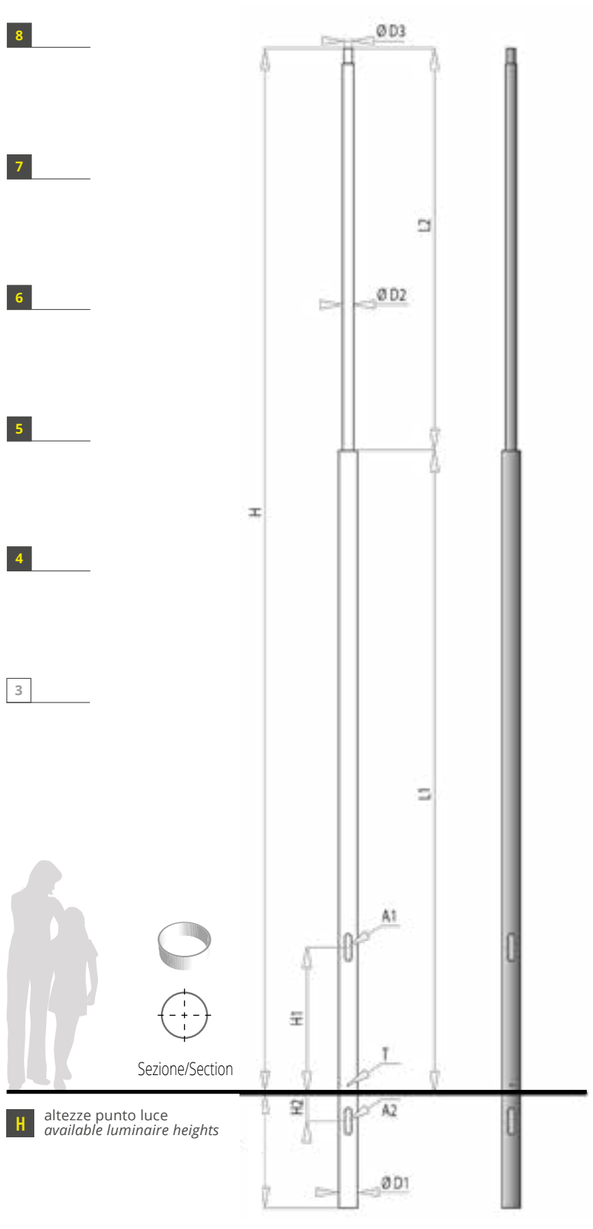
The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

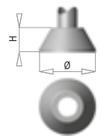
Valori espressi in millimetri | *Measures in millimeters*

10
9
8
7
6
5
4
3

ACCESSORI
ACCESSORIES

PX





BASE BA/1

	PX 4 - PX 5
H	160
Ø	260

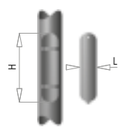
BASE BA/2

	PX 6 - PX 7 - PX 8
H	160
Ø	360

PORTELLA CON MORSETTIERA
TERMINAL BLOCK WITH HATCH

	Standard *Standard*	Filo palo *Flush mounted*
PX 4	T-39	RESET 11
PX 5	T-39	RESET 11
PX 6	T-39-G	RESET 16
PX 7	T-39-G	RESET 16
PX 8	T-39-G	RESET 16

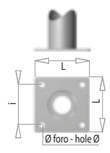
Disponibili a 1 o 2 fusibili - *Available with 1 or 2 fuses*



ASOLA MAXI - *MAXI TERMINAL BLOCK HOLE*

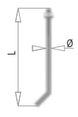
HxL	300x85

Previa verifica strutturale - *Structural verification required*
Altre su richiesta - *Others upon request*



PIASTRA - *PLATE*

	i	LxL	Ø Foro *Hole Ø*	Spessore *Thickness*
PX 4	180	250x250	22	10
PX 5	180	250x250	22	10
PX 6	180	250x250	22	15
PX 7	180	250x250	22	15
PX 8	260	350x350	26	20



KIT TIRAFONDI - *ANCHOR BOLTS*

	PX 4 - PX 5 - PX 6 - PX 7	PX 8
L	500	500
Ø	M 18	M 22

Valori espressi in millimetri | *Measures in millimeters*

Palo in acciaio a sezione circolare rastremato con rondella di giunzione a forma piatta composto da due tratti e codolo finale, realizzato con elementi tubolari saldati in sequenza. Asola ingresso cavi e asola per morsettiera con finitura dei bordi del taglio idonea anche per l'applicazione di portella incassata a filo palo.
Zincatura a caldo secondo la norma ISO 1461 e successiva spazzolatura per garantire una perfetta finitura superficiale. Verniciatura a polveri poliestere.
Cod. 01,02,03,04, RAL su richiesta.

Circular cross section steel pole with plane junction washer, consisting in two sections, made of two joint elements welded in sequence. Cable inlet slot and terminal box slot with finished edges, also suitable for the application of a flush mounted cover door.
Hot galvanized in accordance with ISO 1461, and subsequent brushing to ensure perfect surface finish. Polyester powder coating.
Code 01,02,03,04, RAL on request.

			PX 4	PX 5	PX 6	PX 7	PX 8
DIMENSIONI ***DIMENSIONS***	**D1**	1° Tratto (Ø x spessore) *1° Section (Ø x thickness)*	102x3mm	102x3 mm	114x3 mm	127x3 mm	127x3 mm
	D2	2° Tratto (Ø x spessore) *2° Section (Ø x thickness)*	76x3mm	76x3 mm	76x3mm	76x3mm	76x3mm
	D3	Codolo finale *Final spigot*	60	60	60	60	60
MATERIALE ***MATERIAL***			S235 JR	S235 JR	S235 JR	S235 JR	S235 JR
LAVORAZIONI ***FINISHING***	**A1**	Asola morsettiera *Terminal block hole*	186x45 mm	186x45 mm	186x45 mm	186x45 mm	186x45 mm
	A2	Asola ingresso cavi *Cable slot*	132x38 mm	132x38 mm	186x45 mm	186x45 mm	186x45 mm
	T	Messa a terra *Grounding*	Inserto filettato M10, zincato - *M10 threaded, galvanized insert*				
ALTEZZA ***HEIGHT***	**H**	Altezza punto luce *Luminaire height*	4000 mm	5000 mm	6000 mm	7000 mm	8000 mm
	H1	Altezza portella *Hatch height*	800 mm	800 mm	800 mm	1000 mm	1000 mm
	H2	Asola passaggio cavi *Cable slot height*	200 mm	200 mm	200 mm	200 mm	200 mm
INTERRAMENTO ***IN-GROUNDING***	**P**		500 mm	500 mm	500 mm	800 mm	800 mm
PESO ***WEIGHT***			31 kg	38 kg	51 kg	64 kg	70 kg

La scelta del palo è soggetta a verifica strutturale effettuata in base alla zona di installazione. AEC procede al dimensionamento e alla verifica della resistenza del sostegno secondo la normativa EN-40.

The pole must be chosen after a structural pole test depending on the area of installation. AEC verifies the dimensioning and the resistance of the column according to the EN-40 standard.

Valori espressi in metri | *Measures in metres*

Artistico | *Decorative*

APPLICAZIONI SU PALO
APPLICATIONS ON POLES

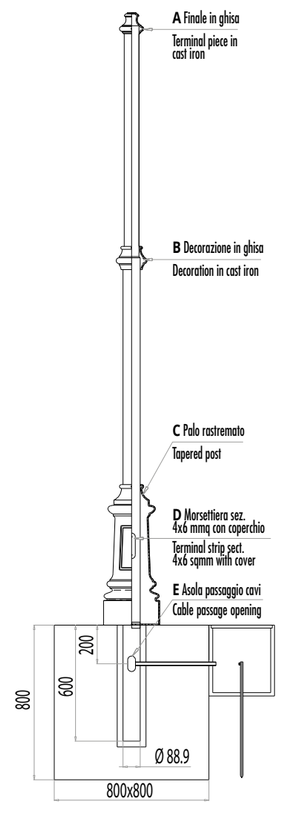
La linea "decorative" di AEC è sintesi di un'accurata ricerca sulle moderne tecnologie industriali applicate all'arte dei maestri artigiani. Una collezione di candelabri in ghisa e corpi illuminanti dai decori in stile classico, in grado di valorizzare i centri storici delle nostre città conferendo loro uno stile senza tempo. Grazie alla diffusione della tecnologia LED, gli apparecchi della serie artistico si rinnovano, vestendo le nostre città di nuova luce.

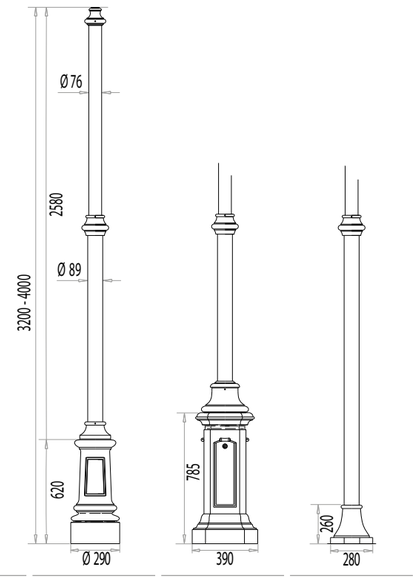
The AEC "decorative" range is the synthesis of a detailed research in modern industrial technologies, applied to the art of master craftsmen. A collection of cast iron luminaires and lighting bodies with a classic European décor, capable of enhancing the old town centres of our cities, by giving them a timeless feeling. Thanks to the widespread LED technology, the units of the decorative range renew themselves, dressing our cities with new light.

1. Florence (Italy)

VASARI

APPLICAZIONI SU PALO
APPLICATIONS ON POLES

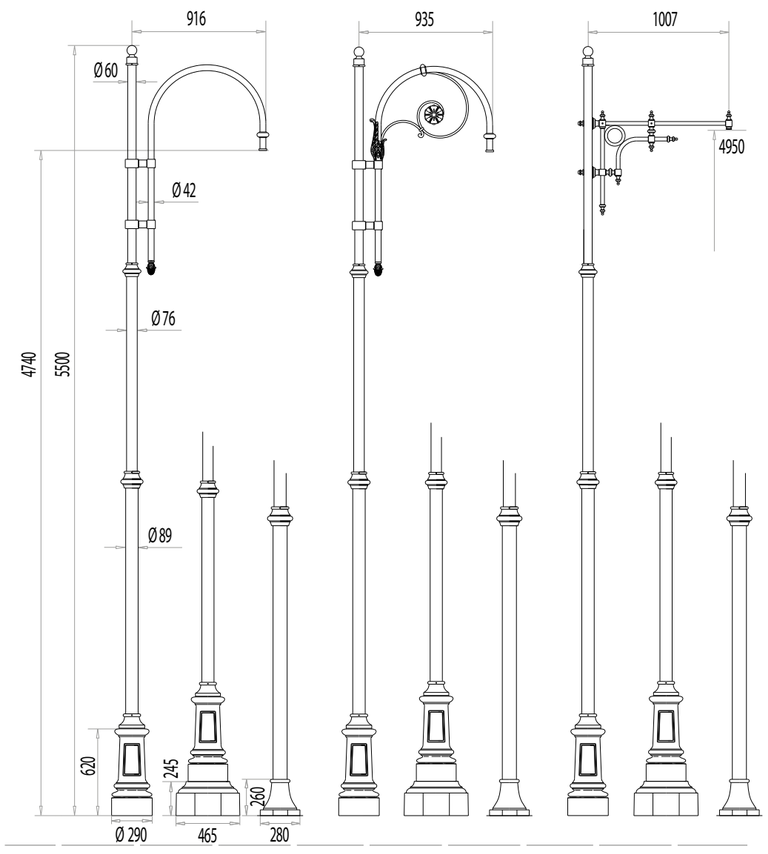




	LT A1 BN H mm 3200/4000 KG 65/70	LT A1 BO H mm 3200/4000 KG 115/120	LT A1 RO H mm 3200/4000 KG 40/45

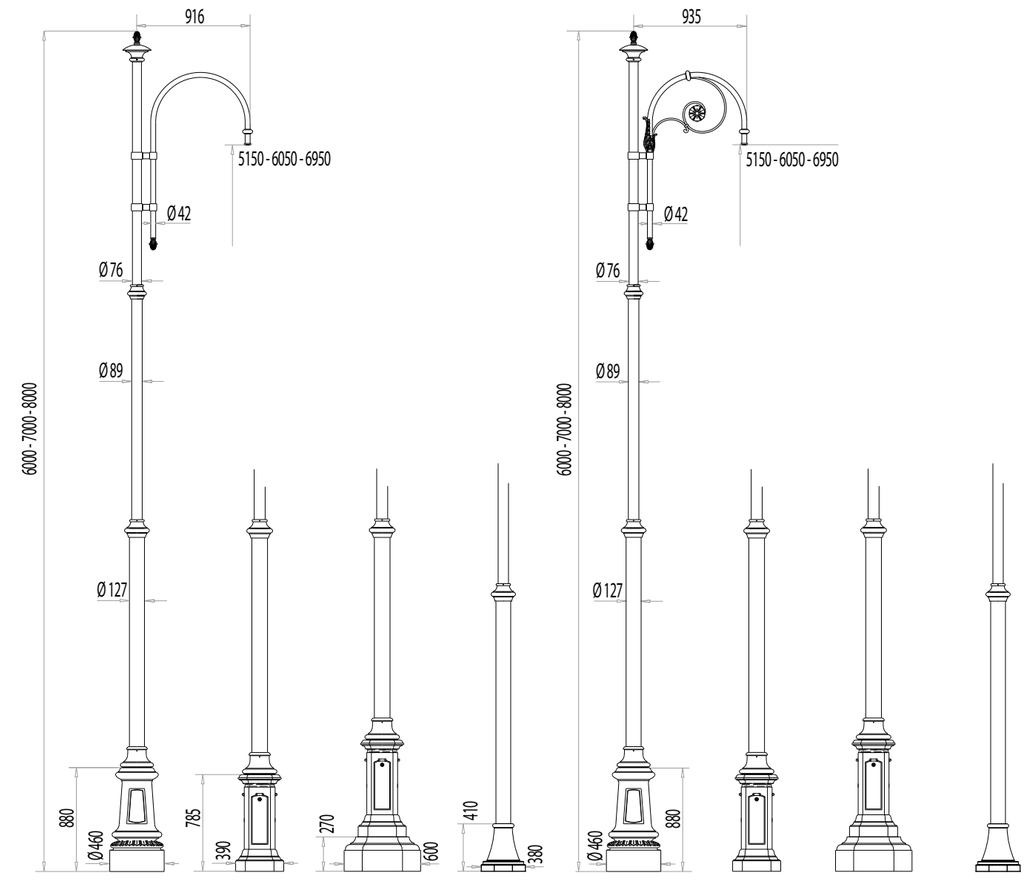
Modelli depositati | Registered design - Scala | Scale 1:30

APPLICAZIONI SU PALO
APPLICATIONS ON POLES



▪	LT S1 BN H mm 5500 KG 90	LT S1 SN H mm 5500 KG 115	LT S1 RO H mm 5500 KG 58	LT M1 BN H mm 5500 KG 100	LT M1 SN H mm 5500 KG 125	LT M1 RO H mm 5500 KG 68	LT L1 BN H mm 5500 KG 97	LT L1 SN H mm 5500 KG 122	LT L1 RO H mm 5500 KG 65
▪▪	LT S2 BN H mm 5500 KG 100	LT S2 SN H mm 5500 KG 125	LT S2 RO H mm 5500 KG 68	LT M2 BN H mm 5500 KG 120	LT M2 SN H mm 5500 KG 145	LT M2 RO H mm 5500 KG 88			
▪▪▪	LT S3 BN H mm 5500 KG 110	LT S3 SN H mm 5500 KG 135	LT S3 RO H mm 5500 KG 78	LT M3 BN H mm 5500 KG 130	LT M3 SN H mm 5500 KG 155	LT M3 RO H mm 5500 KG 98			

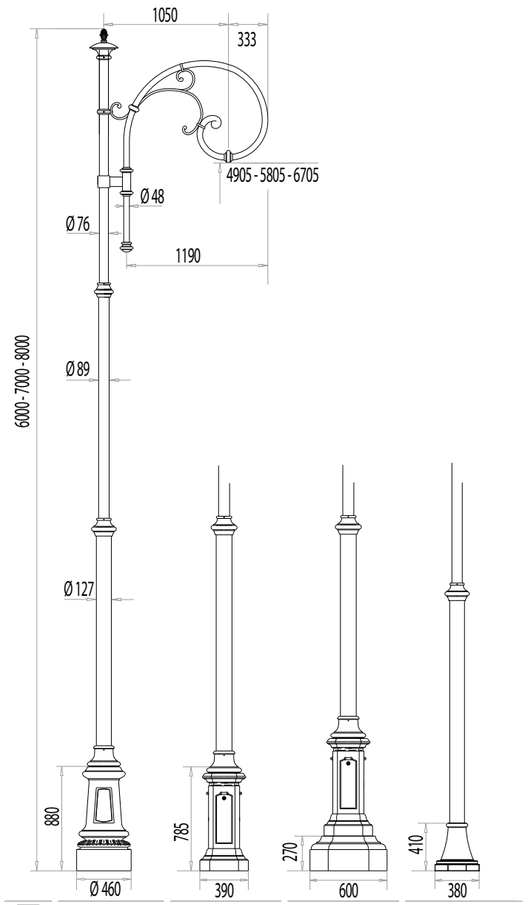
Modelli depositati | Registered design - Scala | Scale 1:40



▪	LT S1 BC6 H mm 6000 - KG 197	LT S1 BO6 H mm 6000 - KG 188	LT S1 BT6 H mm 6000 - KG 242	LT S1 RO6 H mm 6000 - KG 128	LT M1 BC6 H mm 6000 - KG 206	LT M1 BO6 H mm 6000 - KG 197	LT M1 BT6 H mm 6000 - KG 251	LT M1 RO6 H mm 6000 - KG 137
▪	LT S1 BC7 H mm 7000 - KG 206	LT S1 BO7 H mm 7000 - KG 197	LT S1 BT7 H mm 7000 - KG 251	LT S1 RO7 H mm 7000 - KG 135	LT M1 BC7 H mm 7000 - KG 215	LT M1 BO7 H mm 7000 - KG 206	LT M1 BT7 H mm 7000 - KG 260	LT M1 RO7 H mm 7000 - KG 146
▪	LT S1 BC8 H mm 8000 - KG 215	LT S1 BO8 H mm 8000 - KG 206	LT S1 BT8 H mm 8000 - KG 260	LT S1 RO8 H mm 8000 - KG 146	LT M1 BC8 H mm 8000 - KG 224	LT M1 BO8 H mm 8000 - KG 215	LT M1 BT8 H mm 8000 - KG 269	LT M1 RO8 H mm 8000 - KG 155
▪▪	LT S2 BC6 H mm 6000 - KG 210	LT S2 BO6 H mm 6000 - KG 201	LT S2 BT6 H mm 6000 - KG 255	LT S2 RO6 H mm 6000 - KG 150	LT M2 BC6 H mm 6000 - KG 228	LT M2 BO6 H mm 6000 - KG 219	LT M2 BT6 H mm 6000 - KG 273	LT M2 RO6 H mm 6000 - KG 159
▪▪	LT S2 BC7 H mm 7000 - KG 219	LT S2 BO7 H mm 7000 - KG 210	LT S2 BT7 H mm 7000 - KG 264	LT S2 RO7 H mm 7000 - KG 159	LT M2 BC7 H mm 7000 - KG 237	LT M2 BO7 H mm 7000 - KG 228	LT M2 BT7 H mm 7000 - KG 282	LT M2 RO7 H mm 7000 - KG 168
▪▪	LT S2 BC8 H mm 8000 - KG 228	LT S2 BO8 H mm 8000 - KG 219	LT S2 BT8 H mm 8000 - KG 273	LT S2 RO8 H mm 8000 - KG 168	LT M2 BC8 H mm 8000 - KG 246	LT M2 BO8 H mm 8000 - KG 237	LT M2 BT8 H mm 8000 - KG 291	LT M2 RO8 H mm 8000 - KG 177
▪▪▪	LT S3 BC6 H mm 6000 - KG 227	LT S3 BO6 H mm 6000 - KG 218	LT S3 BT6 H mm 6000 - KG 272	LT S3 RO6 H mm 6000 - KG 158	LT M3 BC6 H mm 6000 - KG 254	LT M3 BO6 H mm 6000 - KG 245	LT M3 BT6 H mm 6000 - KG 299	LT M3 RO6 H mm 6000 - KG 185
▪▪▪	LT S3 BC7 H mm 7000 - KG 236	LT S3 BO7 H mm 7000 - KG 227	LT S3 BT7 H mm 7000 - KG 281	LT S3 RO7 H mm 7000 - KG 167	LT M3 BC7 H mm 7000 - KG 263	LT M3 BO7 H mm 7000 - KG 254	LT M3 BT7 H mm 7000 - KG 308	LT M3 RO7 H mm 7000 - KG 194
▪▪▪	LT S3 BC8 H mm 8000 - KG 245	LT S3 BO8 H mm 8000 - KG 236	LT S3 BT8 H mm 8000 - KG 290	LT S3 RO8 H mm 8000 - KG 176	LT M3 BC8 H mm 8000 - KG 272	LT M3 BO8 H mm 8000 - KG 263	LT M3 BT8 H mm 8000 - KG 317	LT M3 RO8 H mm 8000 - KG 203

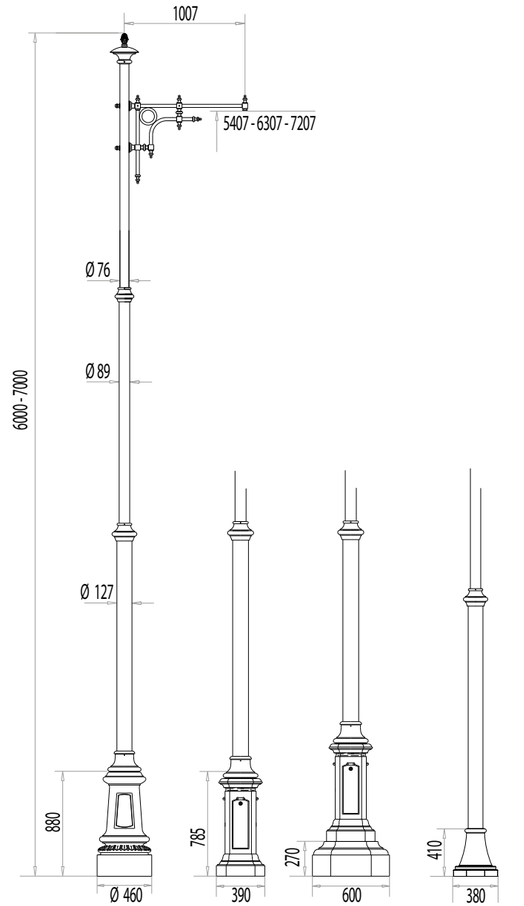
Modelli depositati | Registered design - Scala | Scale 1:40

APPLICAZIONI SU PALO
APPLICATIONS ON POLES



	LT P1 BC6 H mm 6000 KG 213	LT P1 BO6 H mm 6000 - KG 204	LT P1 BT6 H mm 6000 - KG 258	LT P1 RO6 H mm 6000 - KG 144
	LT P1 BC7 H mm 7000 - KG 222	LT P1 BO7 H mm 7000 - KG 213	LT P1 BT7 H mm 7000 - KG 267	LT P1 RO7 H mm 7000 - KG 153
	LT P1 BC8 H mm 8000 - KG 231	LT P1 BO8 H mm 8000 - KG 222	LT P1 BT8 H mm 8000 - KG 276	LT P1 RO8 H mm 8000 - KG 162
	LT P2 BC6 H mm 6000 - KG 243	LT P2 BO6 H mm 6000 - KG 234	LT P2 BT6 H mm 6000 - KG 288	LT P2 RO6 H mm 6000 - KG 174
	LT P2 BC7 H mm 7000 - KG 252	LT P2 BO7 H mm 7000 - KG 243	LT P2 BT7 H mm 7000 - KG 297	LT P2 RO7 H mm 7000 - KG 183
	LT P2 BC8 H mm 8000 - KG 261	LT P2 BO8 H mm 8000 - KG 252	LT P2 BT8 H mm 8000 - KG 306	LT P2 RO8 H mm 8000 - KG 192
	LT P3 BC6 H mm 6000 - KG 275	LT P3 BO6 H mm 6000 - KG 266	LT P3 BT6 H mm 6000 - KG 320	LT P3 RO6 H mm 6000 - KG 206
	LT P3 BC7 H mm 7000 - KG 284	LT P3 BO7 H mm 7000 - KG 275	LT P3 BT7 H mm 7000 - KG 329	LT P3 RO7 H mm 7000 - KG 215
	LT P3 BC8 H mm 8000 - KG 293	LT P3 BO8 H mm 8000 - KG 284	LT P3 BT8 H mm 8000 - KG 338	LT P3 RO8 H mm 8000 - KG 224

Modelli depositati | Registered design - Scala | Scale 1:40

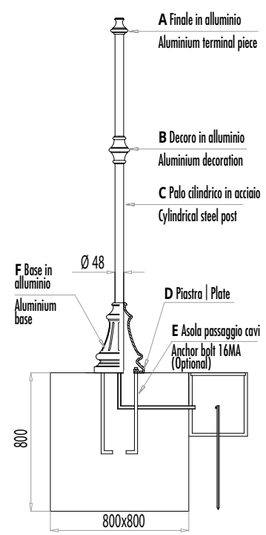


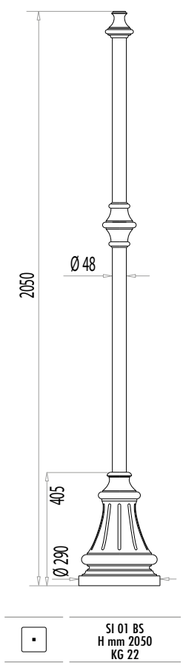
	LT L1 BC6 H mm 6000 - KG 203	LT L1 BO6 H mm 6000 - KG 194	LT L1 BT6 H mm 6000 - KG 248	LT L1 RO6 H mm 6000 - KG 134
	LT L1 BC7 H mm 7000 - KG 212	LT L1 BO7 H mm 7000 - KG 203	LT L1 BT7 H mm 7000 - KG 257	LT L1 RO7 H mm 7000 - KG 143

Modelli depositati | Registered design - Scala | Scale 1:40

SIENA

APPLICAZIONI SU PALO
APPLICATIONS ON POLES

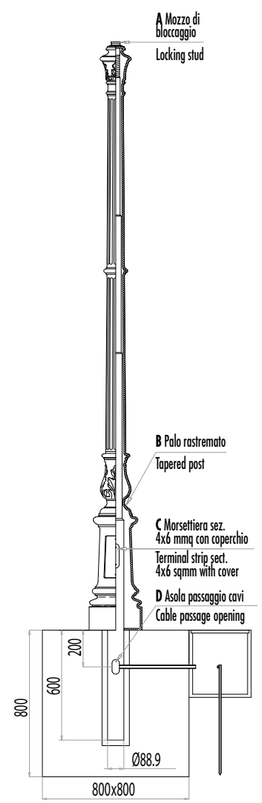


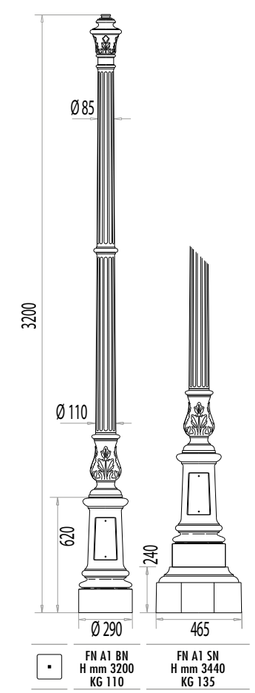


Modelli depositati | Registered design - Scala | Scale 1:30

NOVECENTO

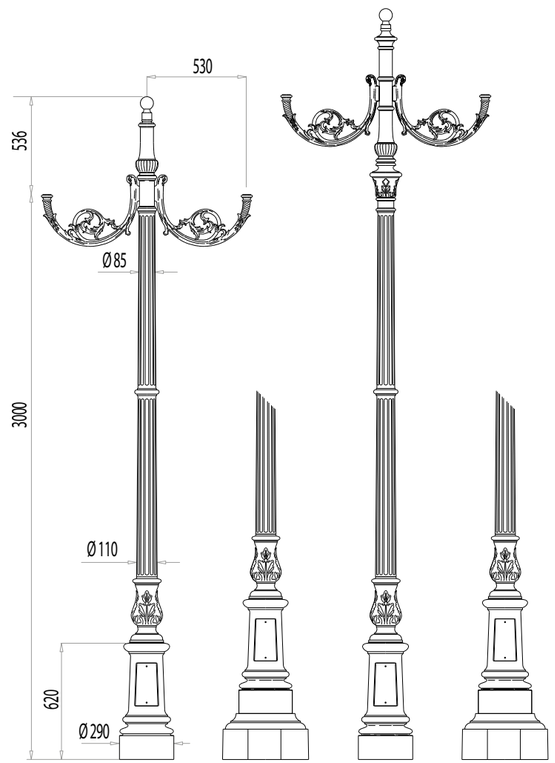
APPLICAZIONI SU PALO
APPLICATIONS ON POLES





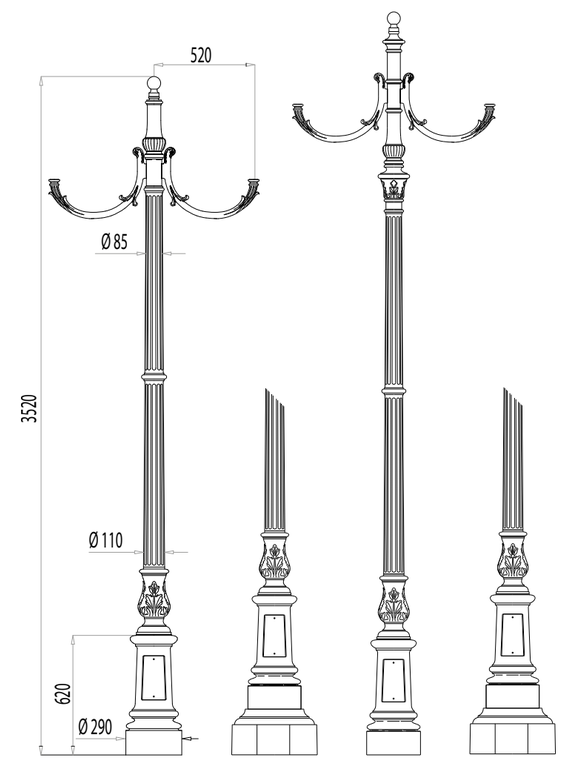
Modelli depositati | Registered design - Scala | Scale 1:30

APPLICAZIONI SU PALO
APPLICATIONS ON POLES



	FN B2 BN H mm 3000 KG 136	FN B2 SN H mm 3250 KG 161	FN F2 BN H mm 3540 KG 141	FN F2 SN H mm 3790 KG 166
	FN B3 BN H mm 3000 KG 144	FN B3 SN H mm 3250 KG 169	FN F3 BN H mm 3540 KG 149	FN F3 SN H mm 3790 KG 174
	FN B4 BN H mm 3450 KG 136	FN B4 SN H mm 3700 KG 161	FN F4 BN H mm 3940 KG 141	FN F4 SN H mm 4190 KG 166
	FN B5 BN H mm 3450 KG 144	FN B5 SN H mm 3700 KG 169	FN F5 BN H mm 3940 KG 149	FN F5 SN H mm 4190 KG 174

Modelli depositati | Registered design - Scala | Scale 1:40

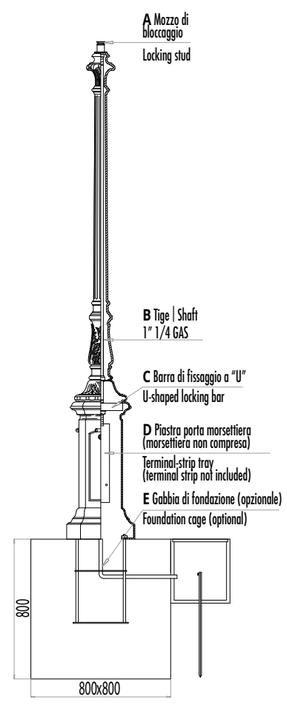


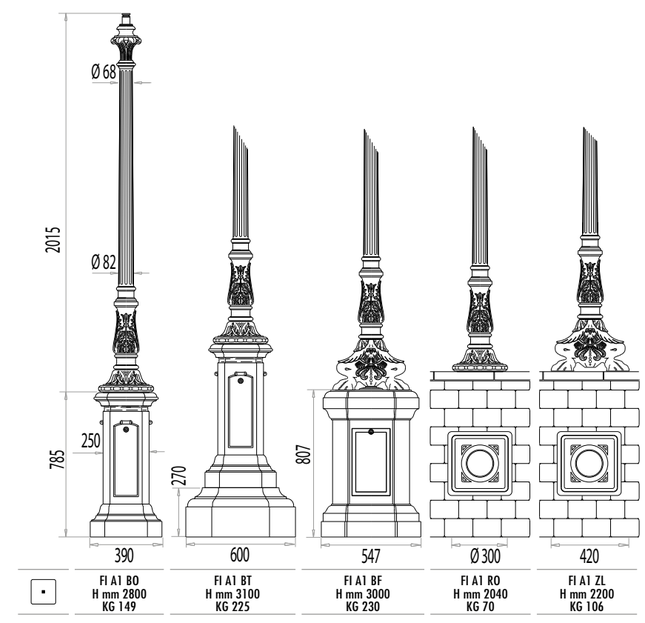
	FN E2 BN H mm 3450 KG 144	FN E2 SN H mm 3210 KG 159	FN G2 BN H mm 3500 KG 139	FN G2 SN H mm 3750 KG 164
	FN E3 BN H mm 2960 KG 141	FN E3 SN H mm 3210 KG 166	FN G3 BN H mm 3500 KG 146	FN G3 SN H mm 3750 KG 171
	FN E4 BN H mm 3450 KG 134	FN E4 SN H mm 3700 KG 159	FN G4 BN H mm 3940 KG 139	FN G4 SN H mm 4190 KG 164
	FN E5 BN H mm 3450 KG 141	FN E5 SN H mm 3700 KG 166	FN G5 BN H mm 3940 KG 146	FN G5 SN H mm 4190 KG 171

Modelli depositati | Registered design - Scala | Scale 1:40

FIRENZE

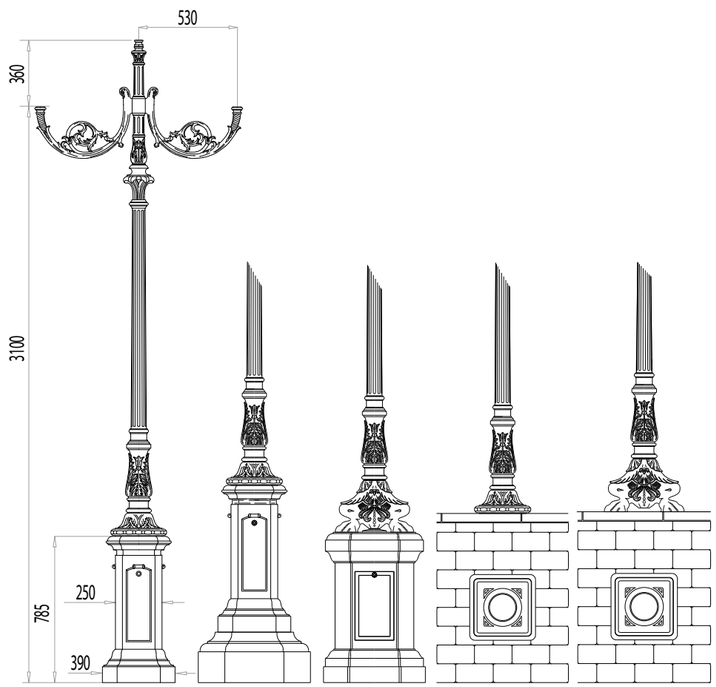
APPLICAZIONI SU PALO
APPLICATIONS ON POLES





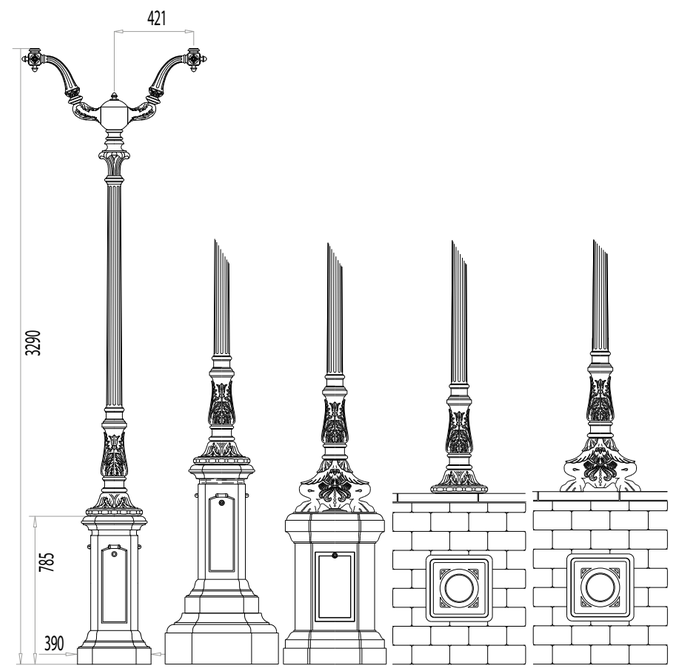
Modelli depositati | Registered design - Scala | Scale 1:30

APPLICAZIONI SU PALO
APPLICATIONS ON POLES



	FI B2 BO H mm 3100 - KG 170	FI B2 BT H mm 3400 - KG 245	FI B2 BF H mm 3300 - KG 250	FI B2 RO H mm 2340 - KG 90	FI B2 ZL H mm 2500 - KG 128
	FI B3 BO H mm 3100 - KG 177	FI B3 BT H mm 3400 - KG 252	FI B3 BF H mm 3300 - KG 257	FI B3 RO H mm 2340 - KG 97	FI B3 ZL H mm 2500 - KG 135
	FI B4 BO H mm 3450 - KG 170	FI B4 BT H mm 3750 - KG 245	FI B4 BF H mm 3650 - KG 250	FI B4 RO H mm 2690 - KG 90	FI B4 ZL H mm 2850 - KG 128
	FI B5 BO H mm 3450 - KG 177	FI B5 BT H mm 3750 - KG 252	FI B5 BF H mm 3650 - KG 257	FI B5 RO H mm 2690 - KG 97	FI B5 ZL H mm 2850 - KG 135

Modelli depositati | Registered design - Scala | Scale 1:30

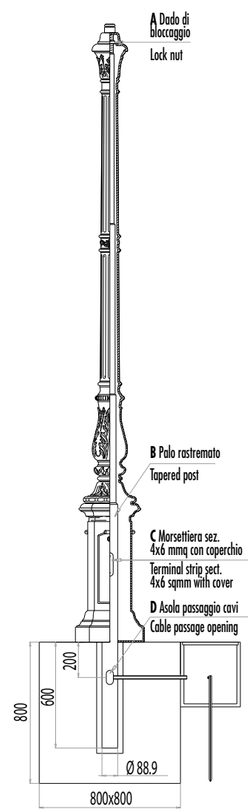


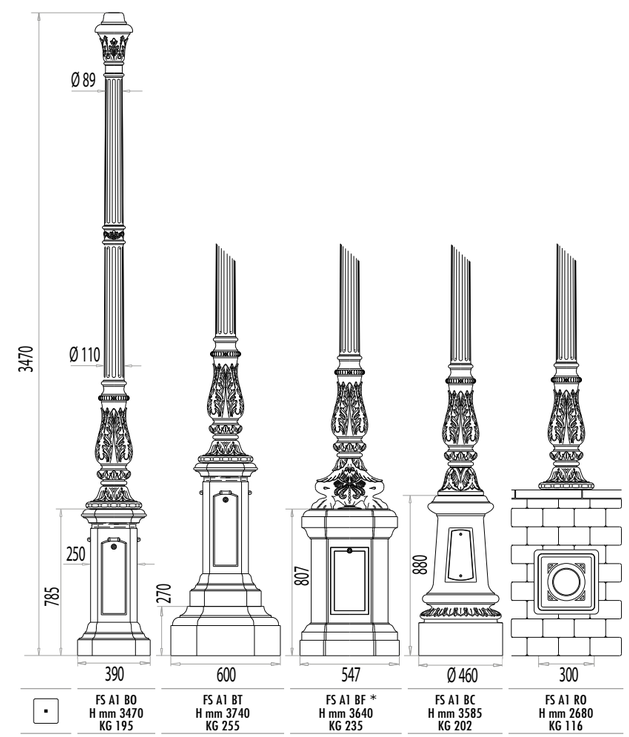
	FI C2 BO H mm 3290 - KG 178	FI C2 BT H mm 3590 - KG 254	FI C2 BF H mm 3490 - KG 257	FI C2 RO H mm 2530 - KG 97	FI C2 ZL H mm 2690 - KG 136
	FI C3 BO H mm 3290 - KG 189	FI C3 BT H mm 3590 - KG 265	FI C3 BF H mm 3490 - KG 268	FI C3 RO H mm 2530 - KG 108	FI C3 ZL H mm 2690 - KG 147
	FI C4 BO H mm 3585 - KG 187	FI C4 BT H mm 3885 - KG 263	FI C4 BF H mm 3785 - KG 263	FI C4 RO H mm 2825 - KG 108	FI C4 ZL H mm 2985 - KG 145
	FI C5 BO H mm 3585 - KG 198	FI C5 BT H mm 3885 - KG 274	FI C5 BF H mm 3785 - KG 278	FI C5 RO H mm 2825 - KG 119	FI C5 ZL H mm 2985 - KG 156

Modelli depositati | Registered design - Scala | Scale 1:30

SIGNORIA

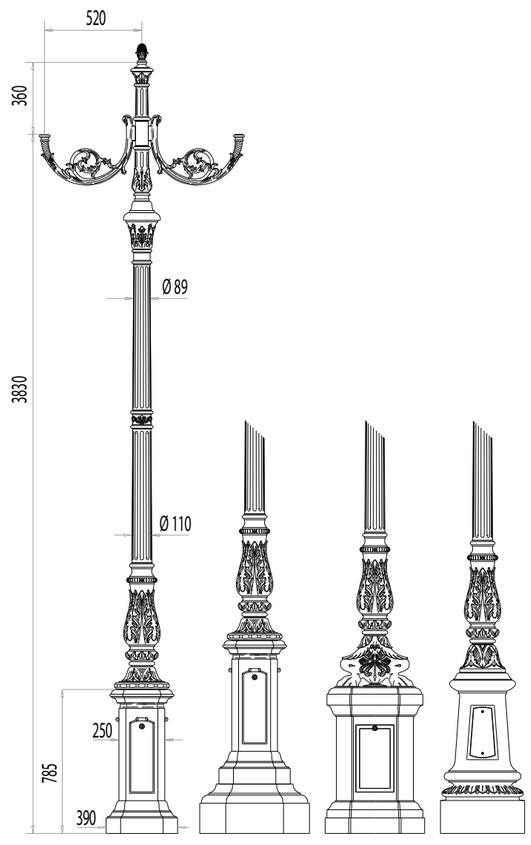
APPLICAZIONI SU PALO
APPLICATIONS ON POLES





Modelli depositati | Registered design - Scala | Scale 1:30

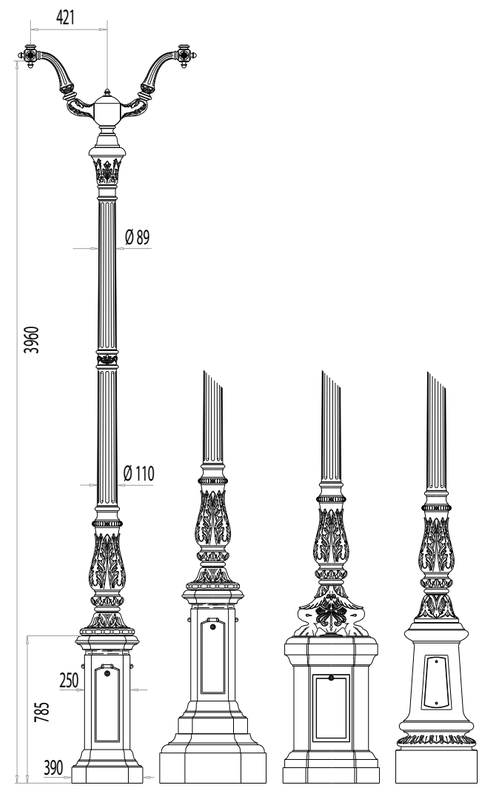
APPLICAZIONI SU PALO
APPLICATIONS ON POLES



	FS B2 BO H mm 3830 - KG 230	FS B2 BT H mm 4100 - KG 290	FS B2 BF * H mm 4000 - KG 270	FS B2 BC H mm 3945 - KG 237
	FS B3 BO H mm 3830 - KG 237	FS B3 BT H mm 4100 - KG 297	FS B3 BF H mm 4000 - KG 277	FS B3 BC H mm 3945 - KG 244
	FS B4 BO H mm 4220 - KG 230	FS B4 BT H mm 4490 - KG 290	FS B4 BF H mm 4390 - KG 270	FS B4 BC H mm 4335 - KG 237
	FS B5 BO H mm 4220 - KG 237	FSI B5 BT H mm 4490 - KG 297	FS B5 BF - H mm 4390 - KG 277	FS B5 BC H mm 4335 - KG 244

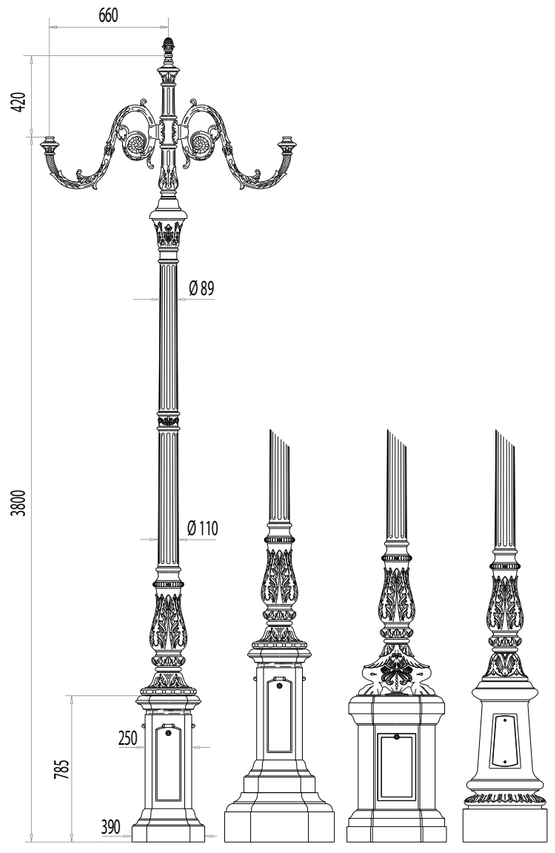
Modelli depositati | Registered design - Scala | Scale 1:30

Il disegno sopra si riferisce al sistema di montaggio per candelabri nelle versioni BO - BT - BC
*per base BF: kit di tirafondi fornito separatamente.
The drawing above refers to the mounting system for candelabra in BO - BT - BC versions.
* bf base: a kit of anchor bolts is separately supplied



	FS C2 BO H mm 3960 - KG 225	FS C2 BT H mm 4230 - KG 285	FS C2 BF* H mm 4130 - KG 275	FS C2 BC H mm 4075 - KG 232
	FS C3 BO H mm 3960 - KG 236	FS C3 BT H mm 4230 - KG 296	FS C3 BF H mm 4130 - KG 286	FS C3 BC H mm 4075 - KG 243
	FS C4 BO H mm 4310 - KG 230	FS C4 BT H mm 4580 - KG 290	FS C4 BF H mm 4480 - KG 270	FS C4 BC H mm 4425 - KG 237
	FS C5 BO H mm 4310 - KG 241	FSI C5 BT H mm 4580 - KG 301	FS C5 BF H mm 4480 - KG 281	FS C5 BC H mm 4425 - KG 248

Modelli depositati | Registered design - Scala | Scale 1:30

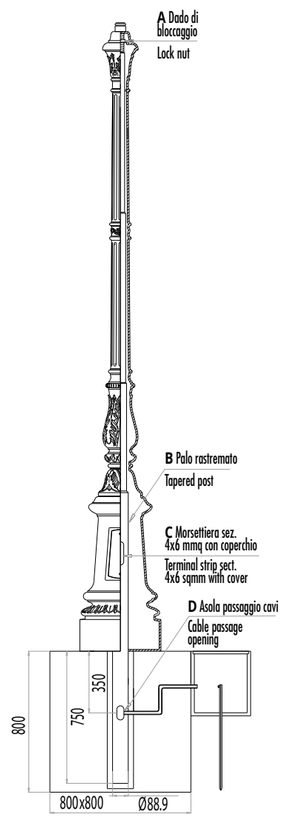


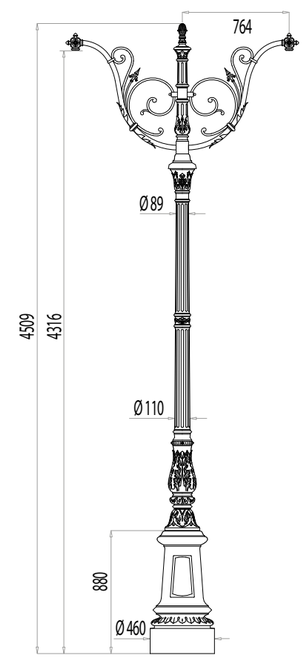
	FS D2 BO H mm 3800 - KG 240	FS D2 BT H mm 4070 - KG 300	FS D2 BF* H mm 3970 - KG 280	FS D2 BC H mm 3915 - KG 247
	FS D3 BO H mm 3800 - KG 254	FS D3 BT H mm 4070 - KG 314	FS D3 BF H mm 3970 - KG 294	FS D3 BC H mm 3915 - KG 261
	FS D4 BO H mm 4220 - KG 240	FS D4 BT H mm 4490 - KG 300	FS D4 BF H mm 4390 - KG 280	FS D4 BC H mm 4335 - KG 247
	FS D5 BO H mm 4220 - KG 254	FSI D5 BT H mm 4490 - KG 314	FS D5 BF H mm 4390 - KG 294	FS D5 BC H mm 4335 - KG 261

Modelli depositati | Registered design - Scala | Scale 1:30

MILANO

APPLICAZIONI SU PALO
APPLICATIONS ON POLES



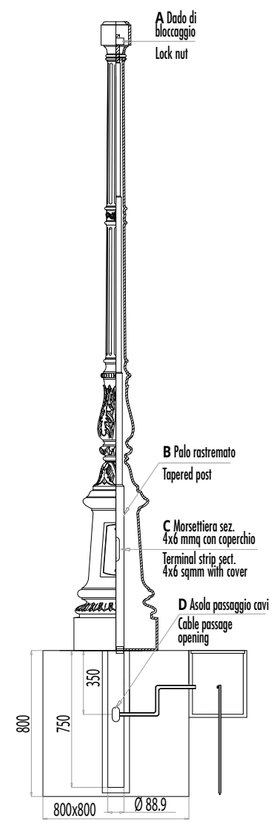


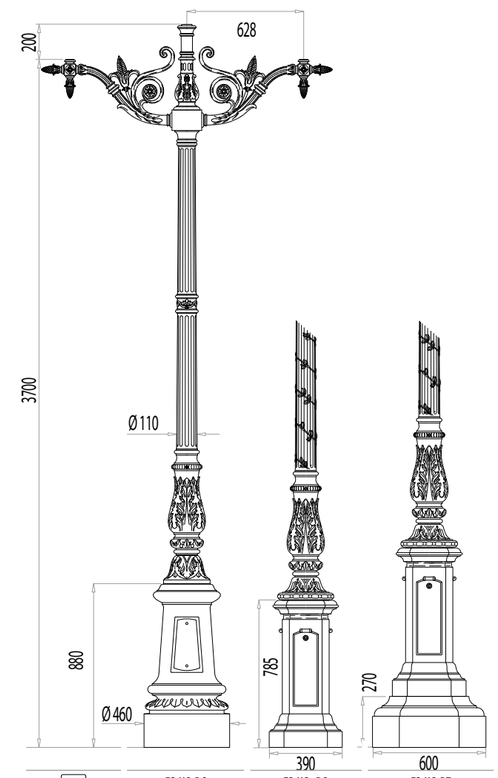
FS H2 BC	FS H3 BC	FS H4 BC	FS H5 BC
H mm 4330 - KG 238	H mm 4330 - KG 248	H mm 4380 - KG 238	H mm 4380 - KG 248

Modelli depositati | Registered design - Scala | Scale 1:40

FRANCIA

APPLICAZIONI SU PALO
APPLICATIONS ON POLES



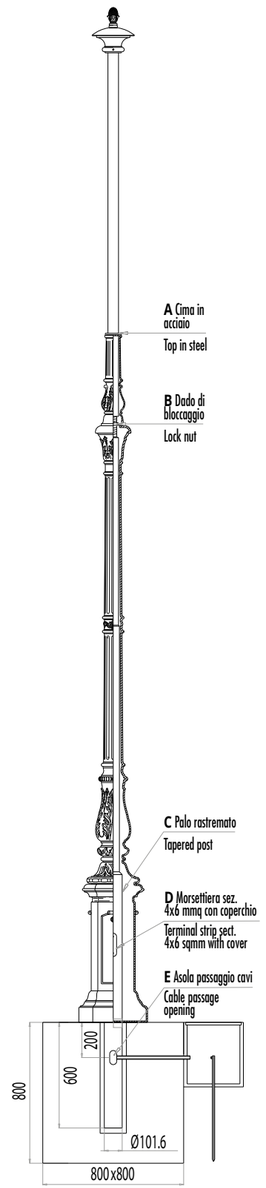


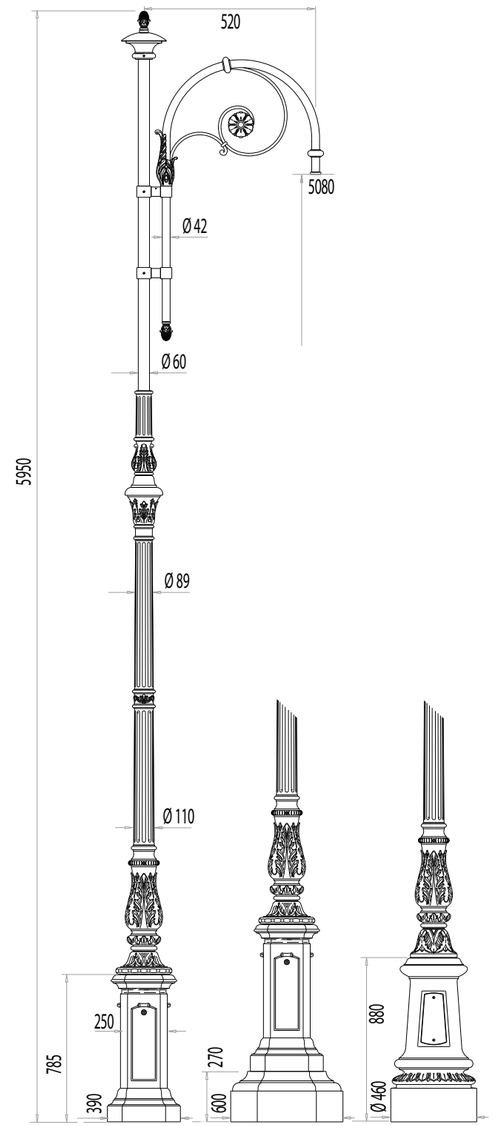
	FS N2 BC H mm 3700 - KG 240	FS N2 BO H mm 3590 - KG 233	FS N2 BT H mm 3850 - KG 293
	FS N3 BC H mm 3700 - KG 255	FS N3 BO H mm 3590 - KG 248	FS N3 BT H mm 3850 - KG 308
	FS N4 BC H mm 3900 - KG 240	FS N4 BO H mm 3790 - KG 233	FS N4 BT H mm 4050 - KG 293
	FS N5 BC H mm 3900 - KG 255	FS N5 BO H mm 3790 - KG 248	FS N5 BT H mm 4050 - KG 308

Modelli depositati | Registered design - Scala | Scale 1:30

GRANDUCATO

APPLICAZIONI SU PALO
APPLICATIONS ON POLES





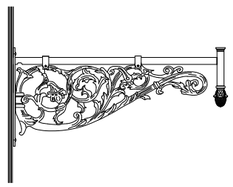
▪	FG M1 BO H mm 5950 - KG 220	FG M1 BT H mm 6220 - KG 280	FG M1 BC H mm 6065 - KG 227
▪▪	FG M2 BO H mm 5950 - KG 235	FG M2 BT H mm 6220 - KG 295	FG M2 BC H mm 6065 - KG 242
▪▪▪	FG M3 BO H mm 5950 - KG 249	FG M3 BT H mm 6220 - KG 309	FG M3 BC H mm 6065 - KG 256

Modelli depositati | Registered design - Scala | Scale 1:30

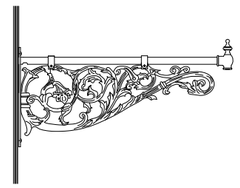
BRACCI | *BRACKETS*

Le strade, i borghi, i vicoli dei centri storici nascondono spesso palazzi di inestimabile valore artistico o piccole meraviglie dell'arte. I BRACCI AEC, installati sulle facciate, creano un'atmosfera capace di suscitare antiche suggestioni e amore per la storia della città.

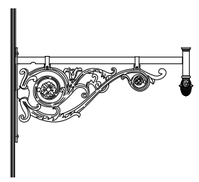
AEC LIGHTING BRACKETS respect at full the architectural tradition of our historic city centers which often conceal roads, squares and buildings of inestimable artistic value.



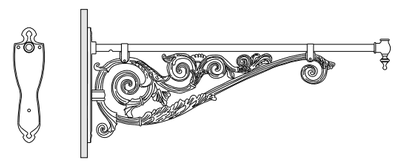
BR 01
Sporgenza / Projection
mm 1000
KG 18,5



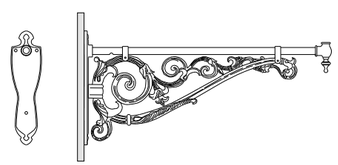
BR 02 R
Sporgenza / Projection
mm 1000
KG 18,5



BR 03
Sporgenza / Projection
mm 850
KG 13



BR 04
Sporgenza / Projection
mm 1400
KG 32



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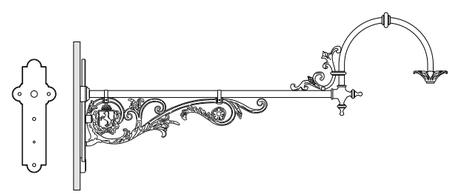
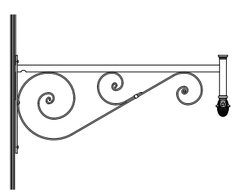
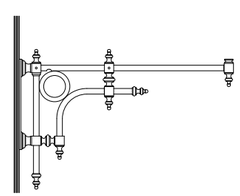
Sporgenza / Projection
mm 1150
KG 25



BR 06
Sporgenza / Projection
mm 1630
KG 24

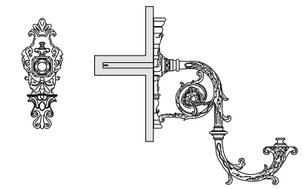


BR 07
Sporgenza / Projection
mm 1000
KG 11

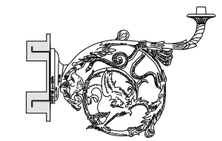


BR 08
Sporgenza / Projection
mm 1000
KG 17

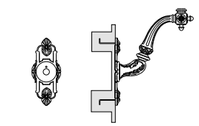
APPLICAZIONI SU BRACCI
APPLICATIONS ON BRACKETS



BR 09
Sporgenza / Projection
mm 700
KG 24



BR 10
Sporgenza / Projection
mm 750
KG 34



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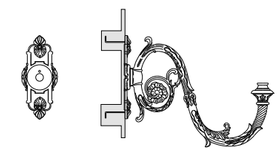
Sporgenza / Projection
mm 380
KG 15



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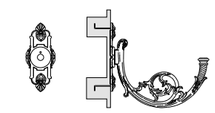
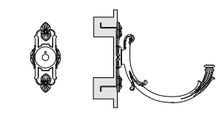
Sporgenza / Projection
mm 700
KG 18



BR 13
Sporgenza / Projection
mm 500
KG 13



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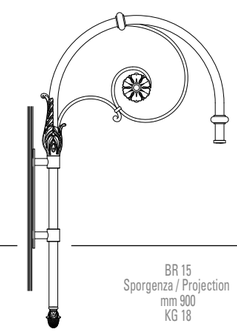
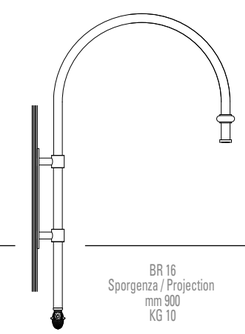
Sporgenza / Projection
mm 500
KG 10



BR 15
Sporgenza / Projection
mm 900
KG 18



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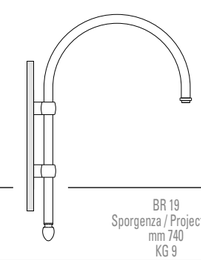
Sporgenza / Projection
mm 900
KG 10

BR 18
Sporgenza / Projection
mm 580
KG 20



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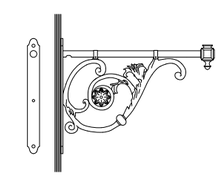
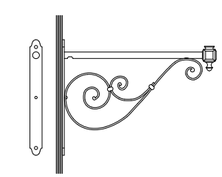
Sporgenza / Projection
mm 740
KG 9



BR 50
Sporgenza / Projection
mm 600
KG 11,5



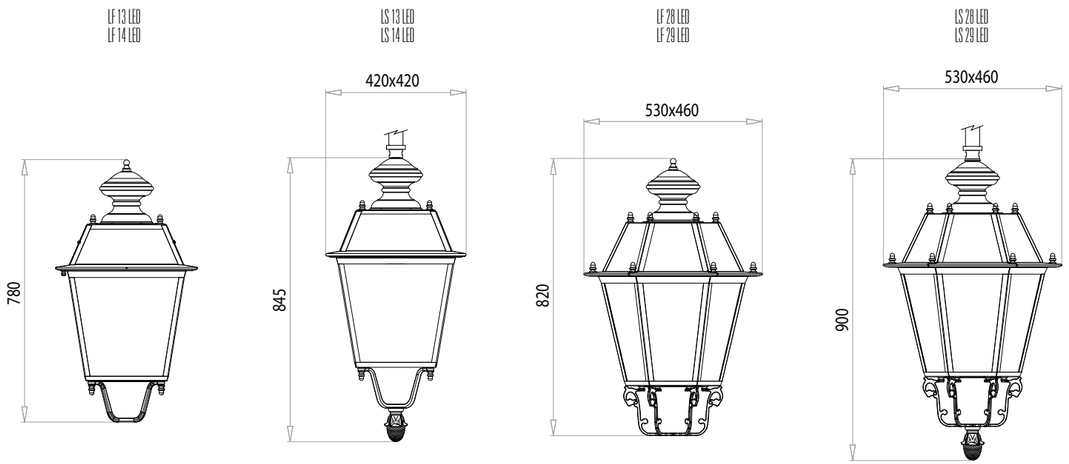
BR 51
Sporgenza / Projection
mm 600
KG 5

LANTERNE | *LANTERNS*

La serie di lanterne AEC è espressione di amore per la tradizione e rispetto per ambientazioni di grande valore storico e artistico. Forme eleganti e decorazioni raffinate conferiscono stile all'illuminazione e mettono in luce la bellezza degli scenari di contorno.

AEC lanterns represent the maximum expression of love and respect for the tradition of great historical city centers. Elegant shapes and refined decoration contribute to enhance lighting revealing the beauty of the surroundings.

1. Firenze (Italy)
2. Grottammare (Italy)
3. Kragerø (Norway)



VERSIONI DISPONIBILI | *AVAILABLE VERSIONS*
ACCIAIO E OTTONE - *STEEL AND BRASS*

1. Firenze (Italy)
2. Grottammare (Italy)
3. Kragerø (Norway)

FIRENZE

VERSIONI DISPONIBILI | *AVAILABLE VERSIONS*
ACCIAIO E OTTONE - *STEEL AND BRASS*

SIENA

SI 08

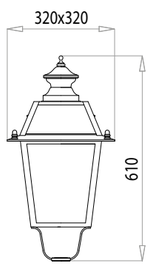
SI 06

SI 07

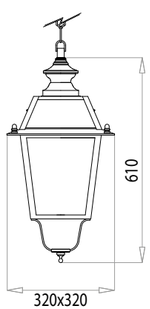
VERSIONI DISPONIBILI | *AVAILABLE VERSIONS*

ACCIAIO E OTTONE - *STEEL AND BRASS*

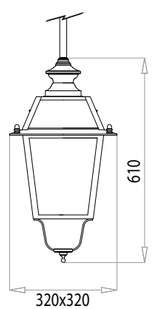
SI 08/09



SI 06/10



SI 07/11

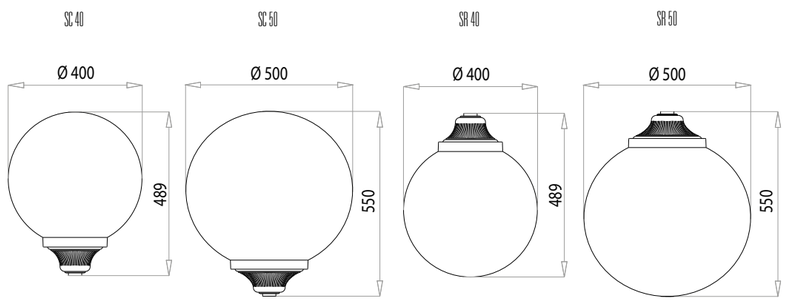


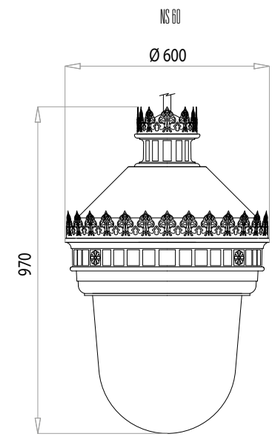
FIRENZE

SC 40

VERSIONI DISPONIBILI | *AVAILABLE VERSIONS*

ACCIAIO - *STEEL*



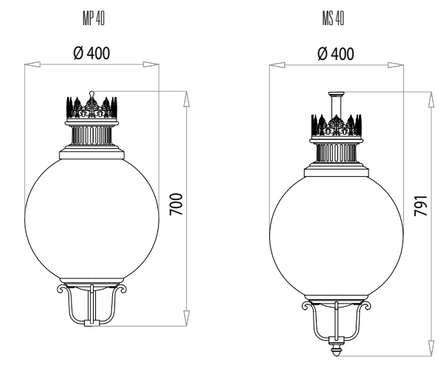


MILANO

MP 40

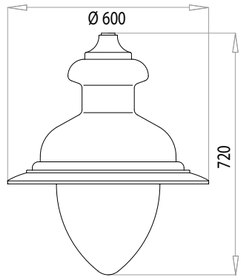
VERSIONI DISPONIBILI | *AVAILABLE VERSIONS*

OTTONE - *BRASS*

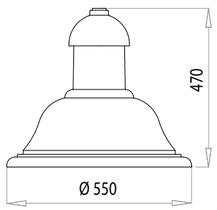


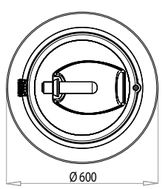
LAMPARA

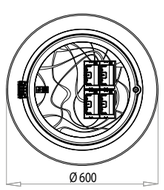
LL 35 SEMI CUT-OFF



LR 55 VP CUT-OFF







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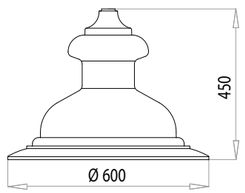
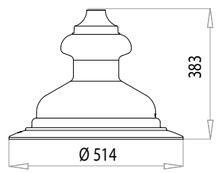
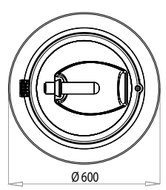
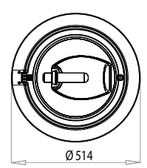
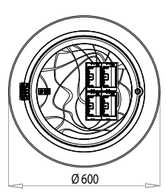


LL 32 VP CUT-OFF









AEC ILLUMINAZIONE

AEC ILLUMINAZIONE

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