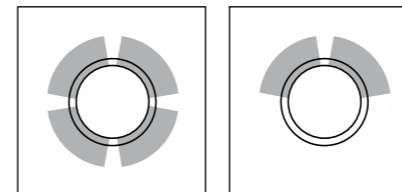




La linea ELMO è ideale per illuminare spazi aperti, camminamenti e piste ciclabili sia in aree residenziali che pubbliche. La possibilità di avere l'apparecchio con emissione di 360° e 180° rende flessibile il suo utilizzo. Le due versioni sono esteticamente identiche (la schermatura rimane all'interno del diffusore) rendendo più facile il loro posizionamento. Questo prodotto è realizzato in alluminio pressofuso con elevata resistenza all'ossidazione e IP 65, consente l'impiego di lampade a ioduri metallici, fluorescenti ed alogene in base alle esigenze di utilizzo. L'utilizzo di lampade fluorescenti e a ioduri metallici permette di avere un ottimo risparmio energetico, mentre l'elettrificazione alogena garantisce un'accensione rapida e un'ottima resa luminosa adatta in luoghi di passaggio.

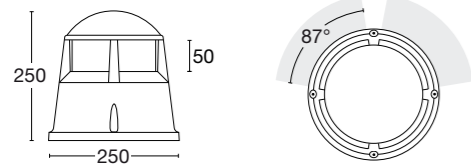
The ELMO line is ideal for illuminating open spaces, pathways and cycle tracks both in residential and public areas. The possibility of having an appliance with 360° and 180° emission makes it very flexible. The two versions are aesthetically identical (the screening is inside the diffuser) making their positioning very straightforward. This product is made in die cast aluminium with high resistance to oxidation and IP 65 for use with metal halide, fluorescent and halogen lamps depending on applications. The use of metal halide and fluorescent lamps gives excellent energy saving, while halogen lamps ensure rapid start up and an optimum light performance suitable for passageways.



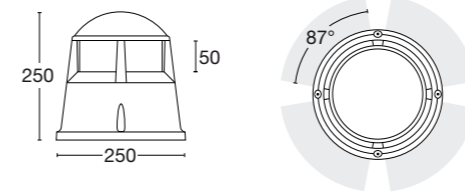
Tellus™ processo produttivo, vedi p.13
production process, see p.13

CERTIFICAZIONI CERTIFICATION	CE CCF
GRADO DI PROTEZIONE IP / IK RATING	IP66 IK09 IP66 IK09
CLASSE DI ISOLAMENTO CLASSIFICATION	classe I class I
CORPO HOUSING	alluminio pressofuso alta resistenza all'ossidazione die-cast aluminium high resistance to oxidation
DIFFUSORE DIFFUSER	polycarbonato opale opal polycarbonate
VITERIA ESTERNA EXTERNAL FIXINGS	inox A4-70 stainless steel A4-70
GUARNIZIONI SEALING GASKET	silicone ricotto silicone
ENTRATA CAVO CABLE ENTRY	doppio pressacavo M20 per cavo Ø 7/13 mm double cable gland M20 for cable Ø 7/13 mm
LAMPADINA LAMP	esclusa not included
FINITURA FINISH	doppia verniciatura in polveri poliestere ad alta resistenza ai raggi UV ed alla corrosione double powder coating polyester high resistance to UV and oxidation

1311
180°

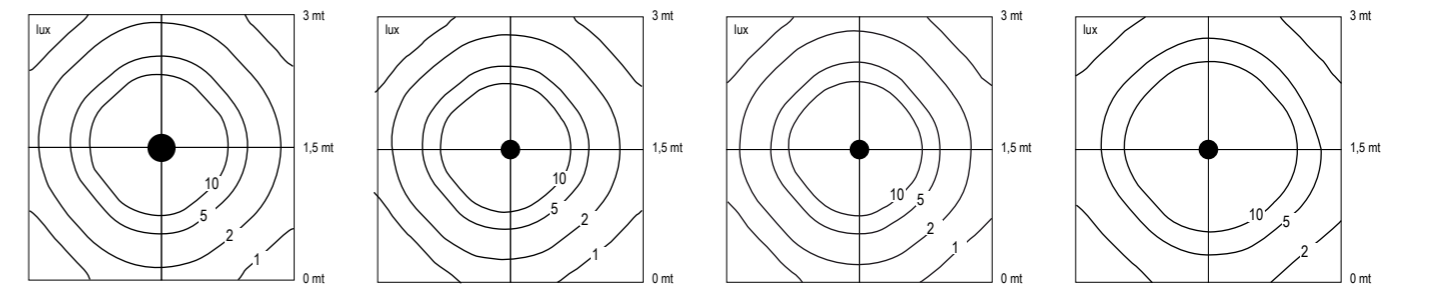
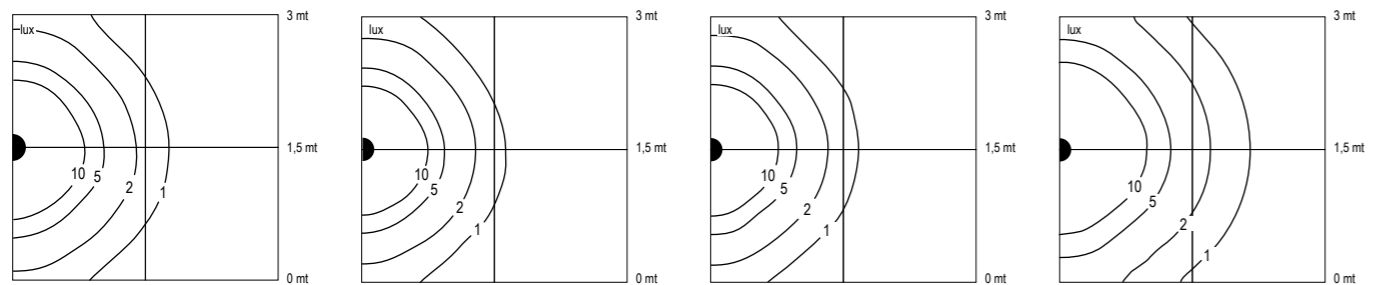
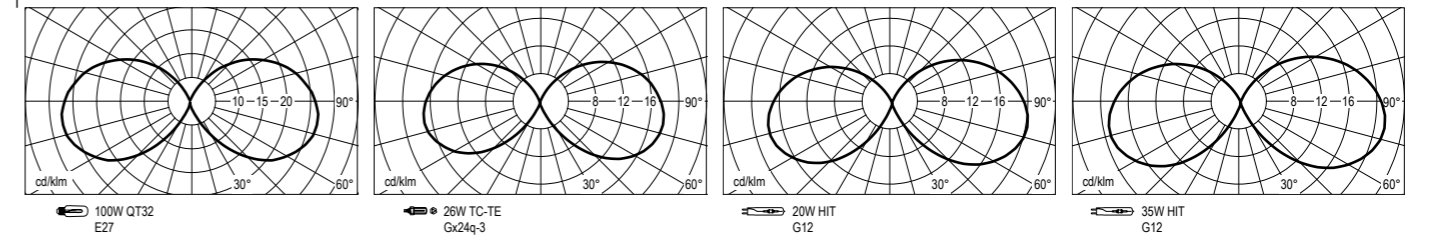
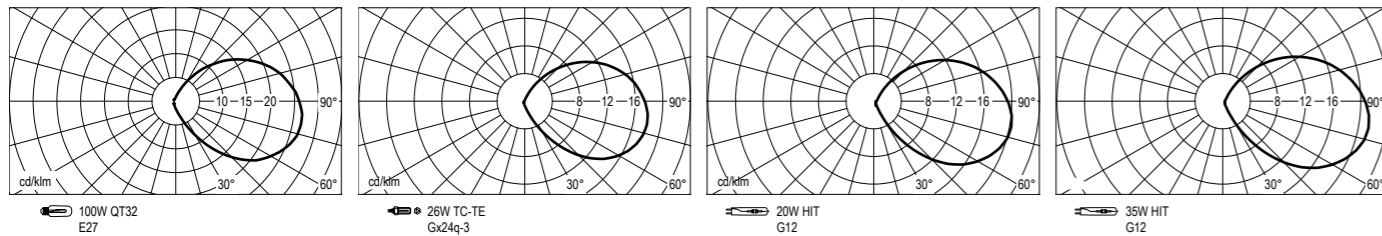


1312
360°



.36F.O policarbonato opale opal polycarbonate	.92F.O policarbonato opale opal polycarbonate alimentatore elettronico incluso electronic ballast integral	.E9X.O policarbonato opale opal polycarbonate alimentatore elettronico incluso electronic ballast integral	.F6X.O policarbonato opale opal polycarbonate alimentatore ferromagnetico incluso conventional ballast integral
100W QT32	26W TC-TE	20W HIT	35W HIT
E27	Gx24q-3	G8,5	G8,5
flood 180°	flood 180°	flood 180	flood 180
1500 lm	1800 lm	1700 lm	3500 lm

.36F.O policarbonato opale opal polycarbonate	.92F.O policarbonato opale opal polycarbonate alimentatore elettronico incluso electronic ballast integral	.E9X.O policarbonato opale opal polycarbonate alimentatore elettronico incluso electronic ballast integral	.F6X.O policarbonato opale opal polycarbonate alimentatore ferromagnetico incluso conventional ballast integral
100W QT32	26W TC-TE	20W HIT	35W HIT
E27	Gx24q-3	G8,5	G8,5
flood 180°	flood 180°	flood 180	flood 180
1500 lm	1800 lm	1700 lm	3500 lm



codice colori
colour codes

.01	bianco white
.05	grigio antracite anthracite grey
.13	grigio chiaro light grey
.45	marrone ruggine rust brown
.80	sand architectural

su richiesta
upon request

accessori
accessories

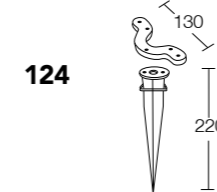
FILTRI COLORATI
COLOURED FILTERS

Disponibile su richiesta
available on request

**BASE DI ANCORAGGIO IN FERRO
+ TIRANTI DA CEMENTARE**
ZINC PLATED STEEL ANCHORAGE
FOR CONCRETING



**BASE DI ANCORAGGIO
+ PICCHETTO NERO IN NYLON**
ZINC PLATED STEEL ANCHORAGE
BASE + BLACK NYLON STAKE





La linea POLBIVIO è ideale per illuminare spazi aperti, camminamenti e piste ciclabili sia in aree residenziali che pubbliche. La possibilità di avere l'apparecchio dotato di una finestra fino a quattro finestre rende molto flessibile il suo utilizzo. Si rifà a una linea già presente nel catalogo Ghidini ed è quindi adatto per essere affiancato agli stessi apparecchi della famiglia in un'unica realizzazione: Bivio e Bivio soffitto. Questo palo in alluminio estruso EN AW 6060 con elevata resistenza all'ossidazione e IP 65 è dotato di vetro piano, consente l'impiego di lampade a ioduri metallici, fluorescenti ed alogene in base alle esigenze di utilizzo. L'utilizzo di lampade fluorescenti e a ioduri metallici permette di avere un ottimo risparmio energetico, mentre l'elettrificazione alogena garantisce un'accensione rapida.

The POLBIVIO line is ideal for illuminating open spaces, walkways and cycle paths both in residential and public areas. The possibility of fitting the appliance with from one to four lenses makes it very flexible. It complements lines already present in the Ghidini catalogue and is therefore suitable to be installed alongside appliances in the same family in a single realisation: Bivio and Ceiling Bivio. This column in EN AW 6060 die extruded aluminium with high resistance to oxidation and IP 65 is fitted with flat glass for use with metal halide, fluorescent and halogen lamps depending on needs. The use of metal halide and fluorescent lamps gives excellent energy saving, while halogen lamps ensure immediate start up and an optimum light quality performance.



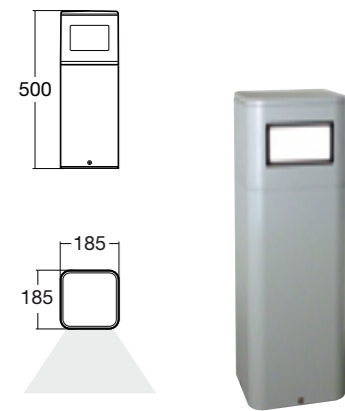
p. 248

Tellus™ processo produttivo, vedi p.13
production process, see p.13

CERTIFICAZIONI CERTIFICATION	CE CCF
GRADO DI PROTEZIONE IP / IK RATING	IP65 IK06 IP65 IK06
CLASSE DI ISOLAMENTO CLASSIFICATION	classe I class I
PALO COLUMN	alluminio estruso EN AW 6060 alta resistenza all'ossidazione extruded aluminium EN AW 6060 high resistance to oxidation
CORPO BODY	alluminio pressofuso EN AB 47100 ad alta resistenza all'ossidazione die cast aluminium EN AB 47100 high resistance to oxidation
DIFFUSORE DIFFUSER	vetro sodico calcico temprato 3 mm 3 mm soda-lime tempered glass
VITERIA ESTERNA EXTERNAL FIXINGS	inox A4-70 stainless steel A4-70
GUARNIZIONI SEALING GASKET	silicone ricotto silicone
ENTRATA CAVO CABLE ENTRY	passacavo in EPDM privo di Alogeni Ø 8/12 mm cable gland EPDM free of halogens Ø 8/12 mm
SECONDA ENTRATA CAVO WIRE THROUGH CONNECTION	su richiesta on demand
LAMPADINA LAMP	esclusa not included
FINITURA FINISH	doppia verniciatura in polveri poliesteri ad alta resistenza ai raggi UV ed alla corrosione double powder coating polyester high resistance to UV and oxidation

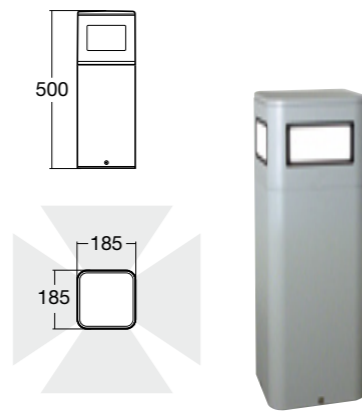
1349

1 fascio 1 beam



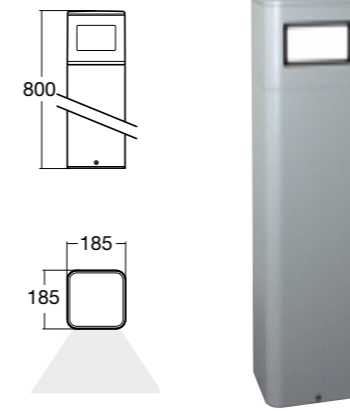
1352

4 fasci 4 beams



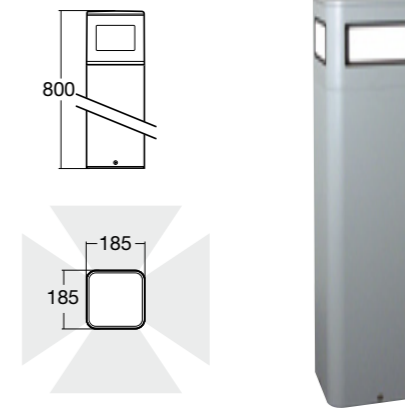
1353

1 fascio 1 beam



1356

4 fasci 4 beams



.G1F.A

vetro acidato acid etched diffuser
alimentatore elettronico incluso
electronic ballast integral

18W TC-TE

Gx24q-2

flood

1200 lm

.E9X.A

vetro acidato acid etched diffuser
alimentatore elettronico incluso
electronic ballast integral

20W HIT

G8,5

flood

1700 lm

.L7X.A

vetro acidato acid etched diffuser
alimentatore elettronico incluso
electronic ballast integral

35W HIT

G8,5

flood

3300 lm

.36X.A

vetro acidato acid etched diffuser

100W QT32

Halogen Philips
Hi-Light Sylvania

E27

flood

1550 lm

.G1F.A

vetro acidato acid etched diffuser
alimentatore elettronico incluso
electronic ballast integral

18W TC-TE

Gx24q-2

flood

1200 lm

.E9X.A

vetro acidato acid etched diffuser
alimentatore elettronico incluso
electronic ballast integral

20W HIT

G8,5

flood

1700 lm

.L7X.A

vetro acidato acid etched diffuser
alimentatore elettronico incluso
electronic ballast integral

35W HIT

G8,5

flood

3300 lm

.36X.A

vetro acidato acid etched diffuser

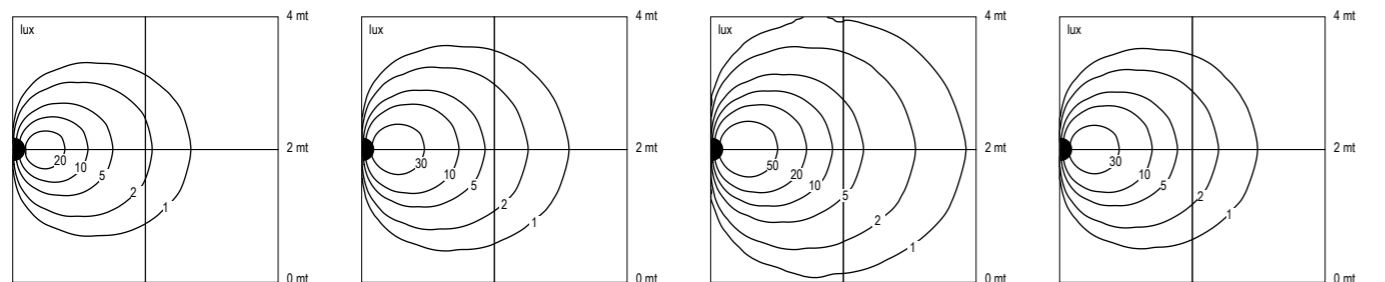
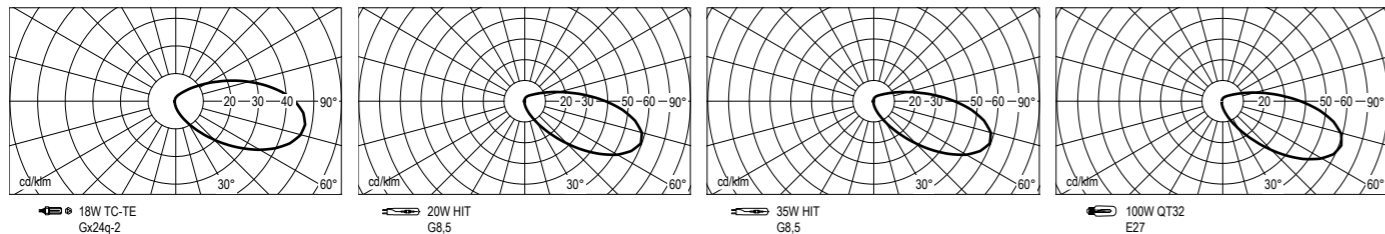
100W QT32

Halogen Philips
Hi-Light Sylvania

E27

flood

1550 lm



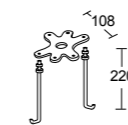
codice colori colour codes

- .01** bianco
white
- .05** grigio antracite
anthracite grey
- .13** grigio chiaro
light grey
- .45** marrone ruggine
rust brown
- .80** sand architectural su richiesta
upon request

accessori accessories

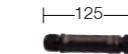
**BASE DI ANCORAGGIO IN FERRO
+ TIRANTI DA CEMENTARE**
ZINC PLATED STEEL ANCHORAGE
FOR CONCRETING

123



**CONNETTORE IP68
IP68 CONNECTOR**

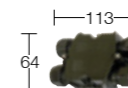
276



Connettore rapido
In-line fast connector

**CONNETTORE IP68
IP68 CONNECTOR**

279



Connettore per cablaggio in cascat
Connector for through wiring



La linea POLVERTI è un bollard caratterizzato da un fascio luminoso, asimmetrico, verso il basso con sistema antiabbagliamento ideale per illuminare spazi aperti, camminamenti e viali sia in aree residenziali che pubbliche. Si rifà alla linea Verso già presente nel catalogo Ghidini con diverse versioni (Verso, Vertiverso, LongVerso e MiniVerso) ed è quindi adatta per essere affiancata agli stessi apparecchi della famiglia in un'unica realizzazione. Questo elemento è realizzato in alluminio pressofuso EN AB 47100 con elevata resistenza all'ossidazione e IP65, consente l'impiego di lampade a ioduri metallici, fluorescenti e led in base alle esigenze di utilizzo ma garantendo sempre un buon risparmio energetico.

The POLVERTI series is a bollard with a no-glare downward light beam ideal for illuminating open spaces, pathways and driveways in residential and public areas. Based on the Verso line with a variety of models (Verso, Vertiverso, LongVerso and MiniVerso), it can be installed alongside the same fixtures to ensure visual integrity. This item is made of EN AB 47100 die-cast aluminium, IP65, with high resistance to oxidation. Metal halide, fluorescent lamp or LEDs may be used for various applications and to provide energy saving solutions.



p. 158

Tellus™ processo produttivo, vedi p.13
production process, see p.13

CERTIFICAZIONI
CERTIFICATION



versioni led disponibili: 3000K / 4000K / (6000K su richiesta)
LEDs available: 3000K / 4000K / (6000K upon request)

GRADO DI PROTEZIONE
IP RATING

IP65
IP65

CLASSE DI ISOLAMENTO
CLASSIFICATION

classe I
class I

PALO
POST

alluminio estruso EN AW 6060 alta resistenza all'ossidazione
extruded aluminium EN AW 6060 high resistance to oxidation

CORPO
BODY

alluminio pressofuso ad EN AB 47100 alta resistenza all'ossidazione
die cast aluminium high EN AB 47100 resistance to oxidation

DIFFUSORE
DIFFUSER

vetro sodico calcico temprato 3 mm
3 mm soda-lime tempered glass

VITERIA ESTERNA
EXTERNAL FIXINGS

inox A4-70
stainless steel A4-70

GUARNIZIONI
SEALING GASKET

silicone ricotto
silicone

ENTRATA CAVO
CABLE ENTRY

passacavo in EPDM privo di Alogeni Ø 8/12 mm
cable gland EPDM free of halogens Ø 8/12 mm

SECONDA ENTRATA CAVO
WIRE THROUGH CONNECTION

su richiesta
on demand

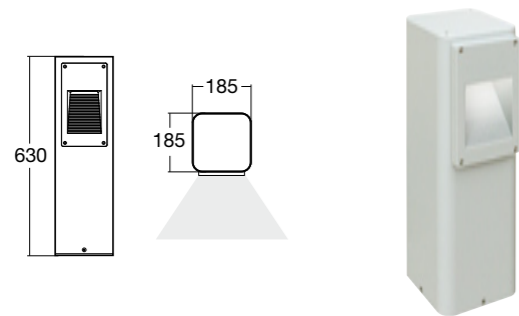
LAMPADINA
LAMP

esclusa
not included

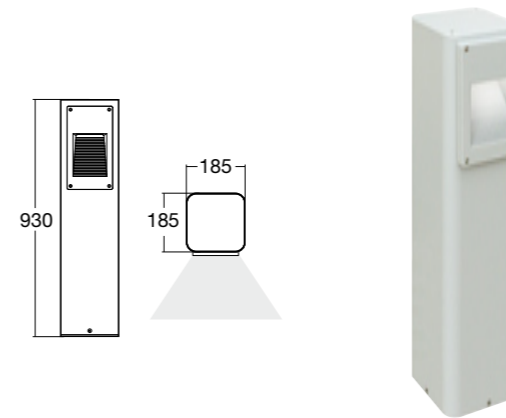
FINITURA
FINISH

doppia verniciatura in polveri poliestere ad alta resistenza ai raggi UV ed alla corrosione
double powder coating polyester high resistance to UV and oxidation

5413

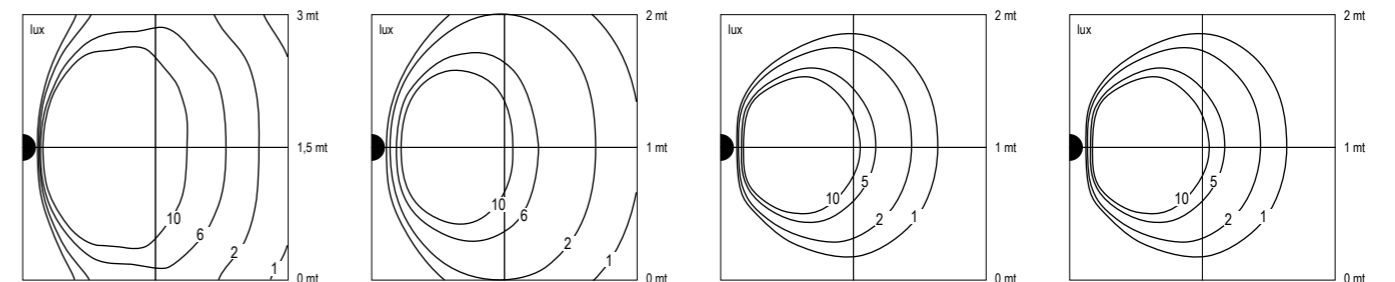
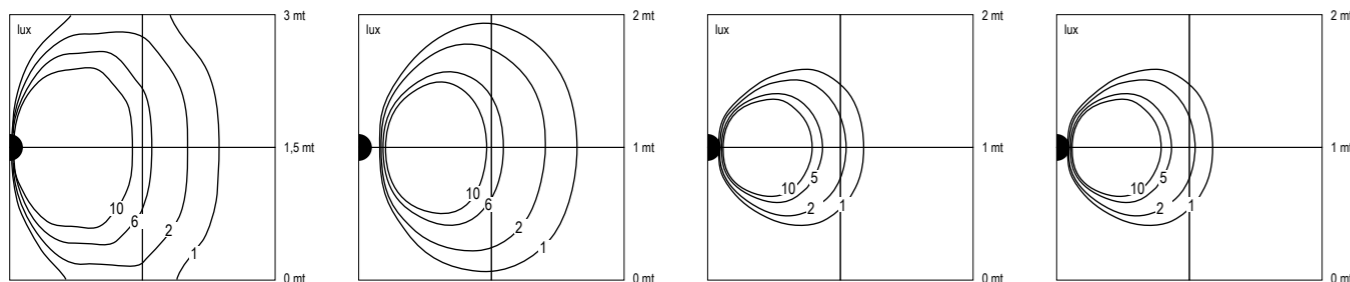
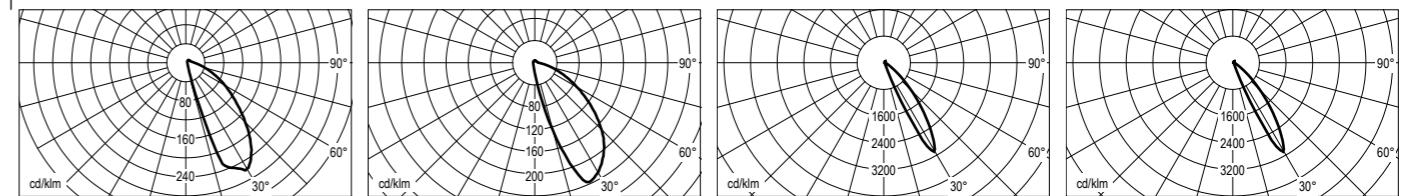
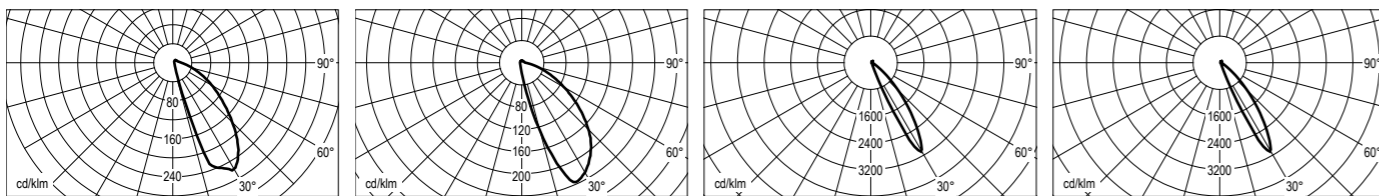


5414



.L2F.P	.60X.P	.D2M.P	.R9M.P
vetro microprismato microprismatic diffuser alimentatore elettronico incluso electronic ballast integral	vetro microprismato microprismatic diffuser	vetro microprismato microprismatic diffuser alimentatore incluso led driver integral	vetro microprismato microprismatic diffuser alimentatore incluso led driver integral
20W HCI-TF	6W Sylvania	3W 3Led 230V	3W 3Led 230V
GU6,5	GX53	3000K	4000K
flood	flood	flood	flood
1700 lm	220 lm	110 lm	110 lm

.L2F.P	.60X.P	.D2M.P	.R9M.P
vetro microprismato microprismatic diffuser alimentatore elettronico incluso electronic ballast integral	vetro microprismato microprismatic diffuser	vetro microprismato microprismatic diffuser alimentatore incluso led driver integral	vetro microprismato microprismatic diffuser alimentatore incluso led driver integral
20W HCI-TF	6W Sylvania	3W 3Led 230V	3W 3Led 230V
GU6,5	GX53	3000K	4000K
flood	flood	flood	flood
1700 lm	220 lm	110 lm	110 lm



codice colori
colour codes

.01	bianco white	
.05	grigio antracite anthracite grey	
.13	grigio chiaro light grey	
.45	marrone ruggine rust brown	
.80	sand architectural	su richiesta upon request

accessori accessories

**BASE DI ANCORAGGIO IN FERRO
+ TIRANTI DA CEMENTARE**
ZINC PLATED STEEL ANCHORAGE
FOR CONCRETING



123

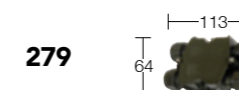
CONNETTORE IP68
IP68 CONNECTOR



276

Connettore rapido
In-line fast connector

CONNETTORE IP68
IP68 CONNECTOR



279

Connettore per cablaggio in cascat
Connector for through wiring

Polmargin



Bollard realizzato in alluminio estruso con corpo in alluminio pressofuso EN AB 47100 ad alta resistenza all'ossidazione. Diffusore in vetro temprato trasparente ad alta resistenza agli urti. Adatto ad illuminare percorsi, camminamenti e aree verdi.



Bollard in extruded aluminium with body in die cast EN AB 47100 aluminium which is highly resistant to oxidation. Tempered transparent glass diffuser is shock resistant. For use in driveways, pathways and landscaped areas.



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Tellus™ processo produttivo, vedi p.13
production process, see p.13

CERTIFICAZIONI CERTIFICATION



LEDLAB GHIDINI™ LIGHT IDEAS

versioni led disponibili: 3000K / 4000K / (6000K su richiesta)
LEDs available: 3000K / 4000K / (6000K upon request)

GRADO DI PROTEZIONE IP RATING

IP65
IP65

CLASSE DI ISOLAMENTO CLASSIFICATION

classe I ⚡
class I

CORPO HOUSING

alluminio pressofuso EN AB 47100 alta resistenza all'ossidazione
die-cast aluminium EN AB 47100 high resistance to oxidation

PALO POLE

alluminio estruso EN AW 6060 T5 alta resistenza all'ossidazione
extruded aluminium EN AW 6060 T5 high resistance to oxidation

DIFFUSORE DIFFUSER

vetro sodico calcico temprato 4mm
4mm soda-lime tempered glass

ENTRATA CAVO CABLE ENTRY

passacavo in silicone Ø 10/14mm H07RN-F
silicone cable gland Ø 10/14mm H07RN-F

VITERIA ESTERNA EXTERNAL FIXINGS

inox A4-70
stainless steel A4-70

GUARNIZIONI SEALING GASKET

silicone ricotto
silicone

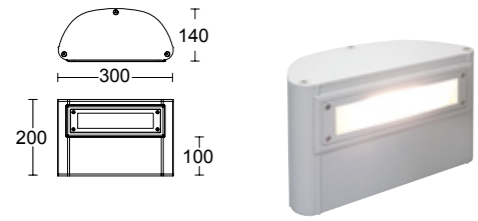
LAMPADINA LAMP

esclusa
not included

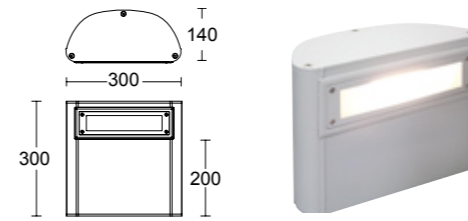
FINITURA FINISH

doppia verniciatura in polveri poliesteri ad alta resistenza ai raggi UV ed alla corrosione
double powder coating polyester high resistance to UV and oxidation

6509

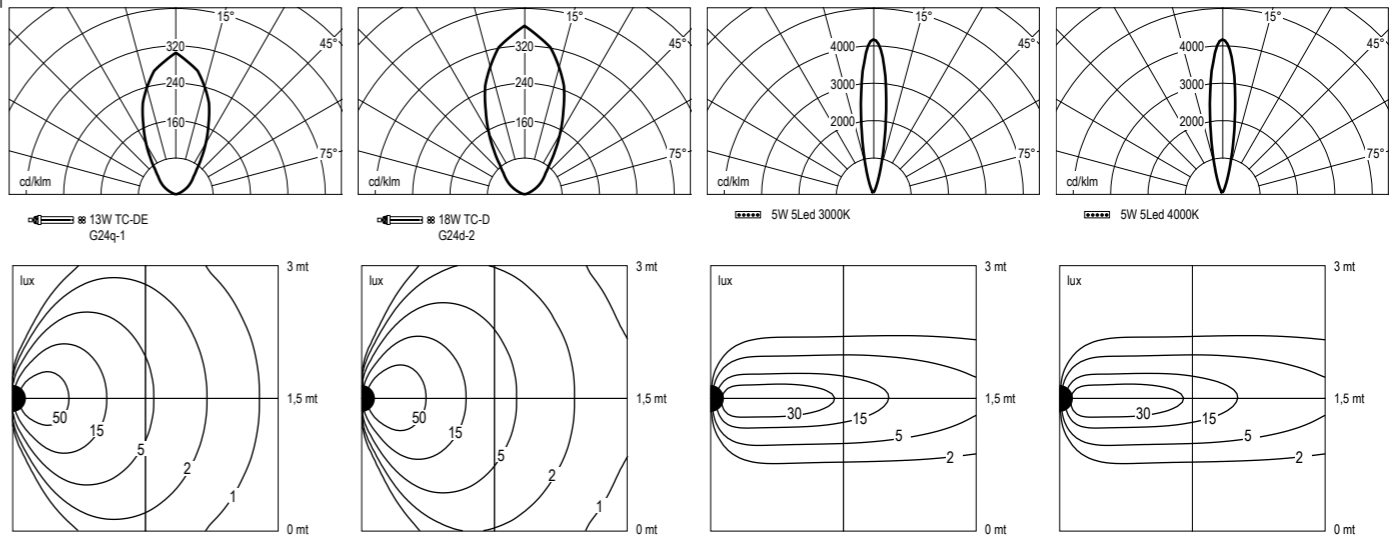
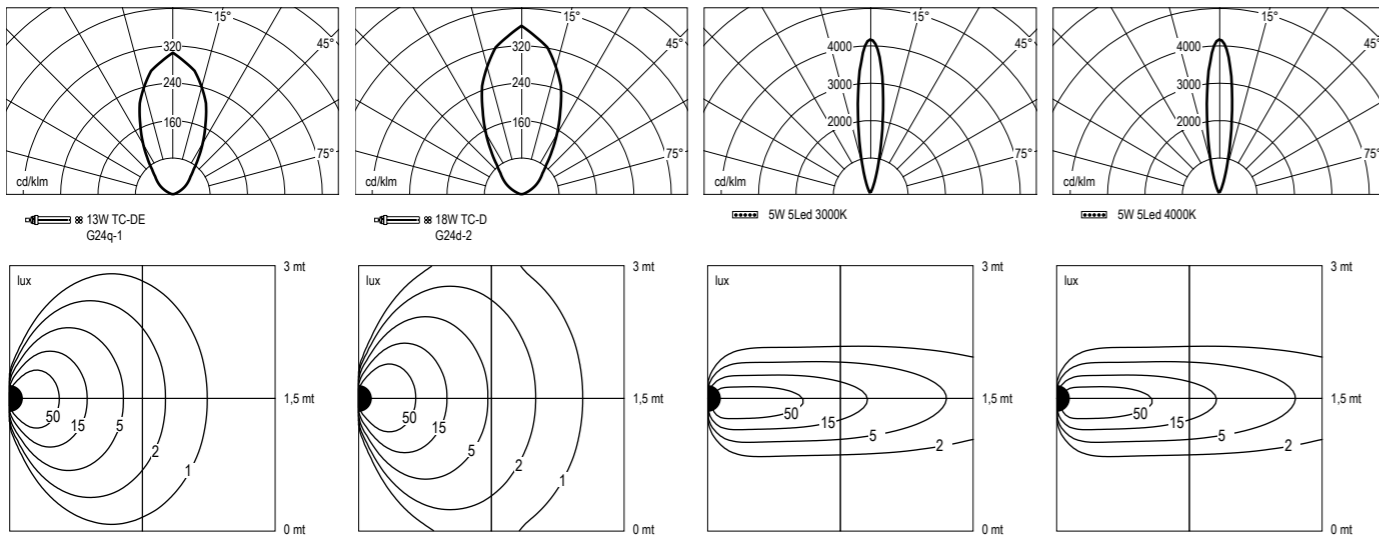


6511



.93F.A vetro acidato acid etched diffuser alimentatore elettronico incluso electronic ballast integral	.74F.A vetro acidato acid etched diffuser alimentatore ferromagnetico incluso conventional ballast integral	.B7S.A vetro acidato acid etched diffuser alimentatore incluso led driver included	.14P.A vetro acidato acid etched diffuser alimentatore incluso led driver included
13W TC-DE	18W TC-D	5W 5Led 230V	5W 5Led 230V
G24q-1	G24d-2	3000K	4000K
flood 54°	flood 54°	medium 24°	medium 24°
900 lm	1200 lm	180 lm	180 lm
		8° orientabilità adjustable	8° orientabilità adjustable

.93F.A vetro acidato acid etched diffuser alimentatore elettronico incluso electronic ballast integral	.74F.A vetro acidato acid etched diffuser alimentatore ferromagnetico incluso conventional ballast integral	.B7S.A vetro acidato acid etched diffuser alimentatore incluso led driver included	.14P.A vetro acidato acid etched diffuser alimentatore incluso led driver included
13W TC-DE	18W TC-D	5W 5Led 230V	5W 5Led 230V
G24q-1	G24d-2	3000K	4000K
flood 54°	flood 54°	medium 24°	medium 24°
900 lm	1200 lm	180 lm	180 lm
		8° orientabilità adjustable	8° orientabilità adjustable

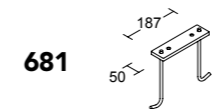


codice colori
colour codes

.02	nero black	
.05	grigio antracite anthracite grey	
.13	grigio chiaro light grey	
.45	marrone ruggine rust brown	
.80	sand architectural	su richiesta upon request

accessori
accessories

**BASE DI ANCORAGGIO IN FERRO
ZINCATO CON TIRANTI**
ZINC PLATED STEEL FIXING



681

Bollard realizzato in alluminio estruso con corpo in alluminio pressofuso EN AB 47100 ad alta resistenza all'ossidazione. Diffusore in vetro temprato trasparente ad alta resistenza agli urti. Adatto ad illuminare percorsi, camminamenti e aree verdi.

Bollard in extruded aluminium with body in die cast EN AB 47100 aluminium which is highly resistant to oxidation. Tempered transparent glass diffuser is shock resistant. For use in pathways and landscaped areas.



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Tellus™ processo produttivo, vedi p.13
production process, see p.13

CERTIFICAZIONI
CERTIFICATION



LEDLAB GHIDINI
LIGHT IDEAS

versioni led disponibili: 3000K / 4000K / (6000K su richiesta)
LEDs available: 3000K / 4000K / (6000K upon request)

GRADO DI PROTEZIONE
IP RATING

IP65
IP65

CLASSE DI ISOLAMENTO
CLASSIFICATION

classe I ⚡
class I

CORPO
HOUSING

alluminio pressofuso EN AB 47100 alta resistenza all'ossidazione
die-cast aluminium EN AB 47100 high resistance to oxidation

PALO
POLE

alluminio estruso EN AW 6060 T5 alta resistenza all'ossidazione
extruded aluminium EN AW 6060 T5 high resistance to oxidation

DIFFUSORE
DIFFUSER

vetro trasparente sodico calcico 3mm
3 mm sodium calcium tempered glass

RIFLETTORE
REFLECTOR

alluminio purissimo 99,99% ad alta riflettanza
high reflection 99.99% pure aluminium

ENTRATA CAVO
CABLE ENTRY

passacavo in silicone Ø 10/14mm
silicone cable gland Ø 10/14mm

VITERIA ESTERNA
EXTERNAL FIXINGS

inox A4-70
stainless steel A4-70

GUARNIZIONI
SEALING GASKET

silicone ricotto
silicone

LAMPADINA
LAMP

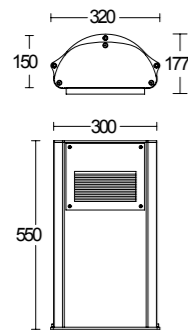
esclusa
not included

FINITURA
FINISH

doppia verniciatura in polveri poliestere ad alta resistenza ai raggi UV ed alla corrosione
double powder coating polyester high resistance to UV and oxidation



5407



.94F.P

vetro micropismatico *microprismatic diffuser*
alimentatore elettronico incluso
electronic ballast integral

18W TC-DE

G24q-2

flood

1200 lm

.E9F.P

vetro micropismatico *microprismatic diffuser*
alimentatore elettronico incluso
electronic ballast integral

20W HIT

G8,5

flood

1700 lm

.B7M.P

vetro micropismatico *microprismatic diffuser*
alimentatore incluso *led driver integral*

5W 5Led 230V

3000K

flood

180 lm

.14M.P

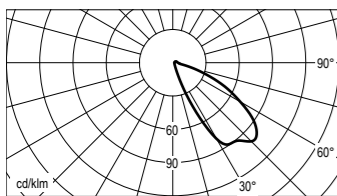
vetro micropismatico *microprismatic diffuser*
alimentatore incluso *led driver integral*

5W 5Led 230V

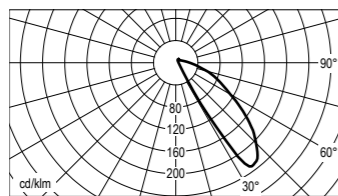
4000K

flood

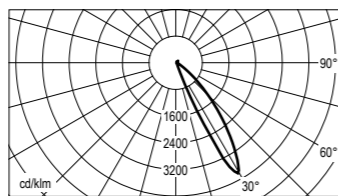
180 lm



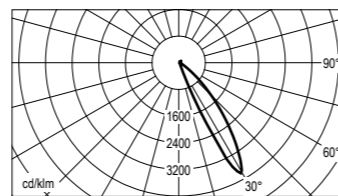
18W TC-DE Gx24q-2



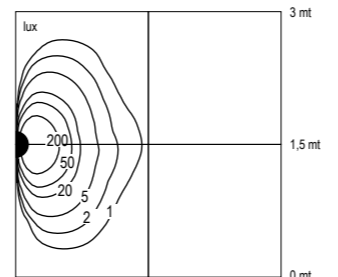
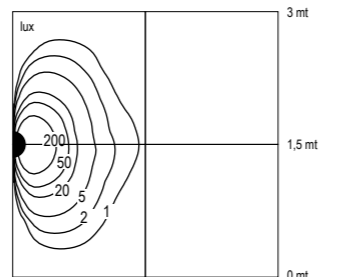
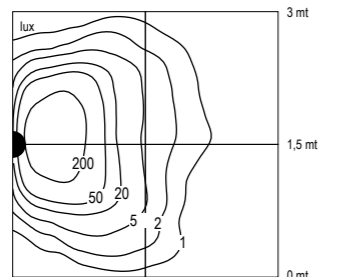
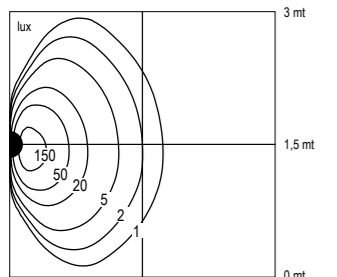
20W HIT G8,5



5W 5Led 3000K



5W 5Led 4000K



codice colori
colour codes

- .02** nero *black*
- .05** grigio antracite *anthracite grey*
- .13** grigio chiaro *light grey*
- .45** marrone ruggine *rust brown*
- .80** sand architectural *su richiesta upon request*

accessori
accessories

BASE DI ANCORAGGIO IN FERRO
ZINCATO CON TIRANTI
ZINC PLATED STEEL FIXING

680

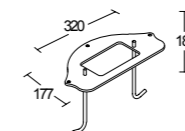


photo: Germano Borrelli



photo: Germano Borrelli

Pila

design: Livio Pasotti






Diffusore in policarbonato antiurto ad alta resistenza ai raggi UV con diffusione del fascio di 180° oppure di 360°. Viteria in acciaio inox.

Bollard for commercial and residential areas. Supplied in two heights : 50 cm and 80 cm. Possibilities to have the spread of the beam of 180° or of 360°. A wall-mounted version is available.

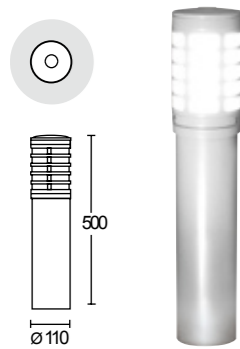


Tellus™ processo produttivo, vedi p.13
production process, see p.13

CERTIFICAZIONI CERTIFICATION	 
GRADO DI PROTEZIONE IP RATING	IP66 IP66
CLASSE DI ISOLAMENTO CLASSIFICATION	classe I  class I
CORPO HOUSING	alluminio estruso EN AW 6060 T5 alta resistenza all'ossidazione die-cast aluminium EN AW 6060 T5 high resistance to oxidation
PALO POLE	alluminio estruso EN AW 6060 T5 alta resistenza all'ossidazione extruded aluminium EN AW 6060 T5 high resistance to oxidation
DIFFUSORE DIFFUSER	policarbonato opale opal polycarbonate
VITERIA ESTERNA EXTERNAL FIXINGS	inox A4-70 stainless steel A4-70
GUARNIZIONI SEALING GASKET	EPDM EPDM
LAMPADINA LAMP	esclusa not included
FINITURA FINISH	verniciatura in polveri poliestere ad alta resistenza ai raggi UV ed alla corrosione powder coating polyester high resistance to UV and oxidation

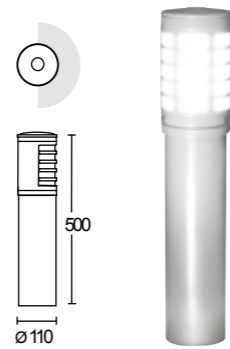
1732

360°



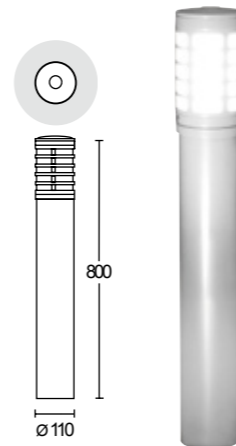
1733

180°



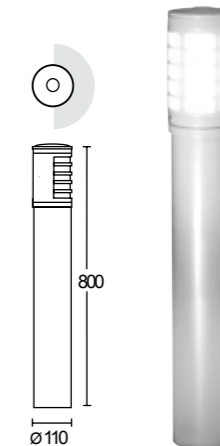
1734

360°



1735

180°



.92F.O
 policarbonato opale opal diffuser
 alimentatore elettronico incluso
 electronic ballast integral

26W TC-DE

G24q-3

flood

1800 lm

.92F.O
 policarbonato opale opal diffuser
 alimentatore elettronico incluso
 electronic ballast integral

26W TC-DE

G24q-3

flood

1800 lm

.92F.O
 policarbonato opale opal diffuser
 alimentatore elettronico incluso
 electronic ballast integral

26W TC-DE

G24q-3

flood

1800 lm

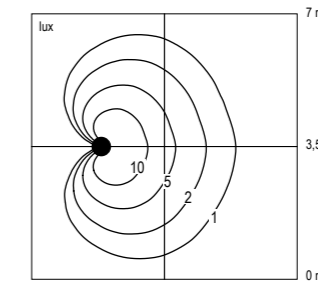
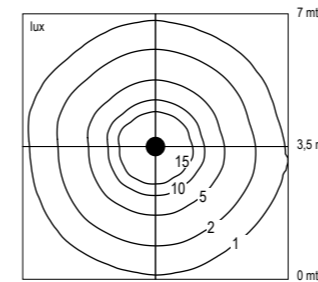
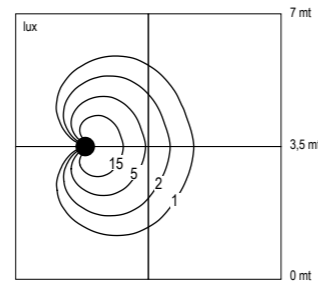
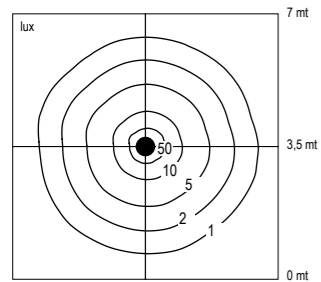
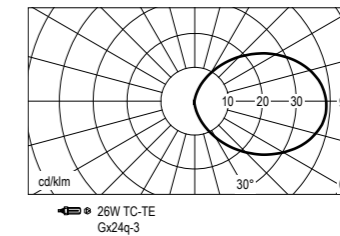
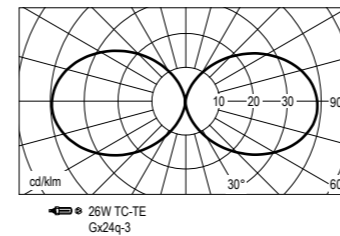
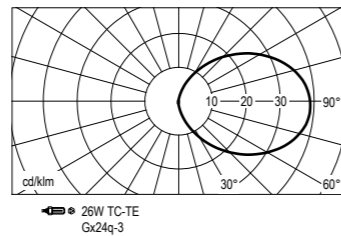
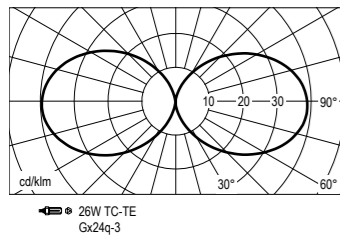
.92F.O
 policarbonato opale opal diffuser
 alimentatore elettronico incluso
 electronic ballast integral

26W TC-DE

G24q-3

flood

1800 lm

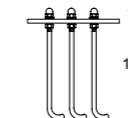


codice colori
 colour codes

- .02** nero
black
 - .05** grigio antracite
anthracite grey
 - .13** grigio chiaro
light grey
 - .45** marrone ruggine
rust brown
 - .80** sand architectural
- su richiesta
 upon request

accessori
 accessories
BASE DI ANCORAGGIO
 ANCHORAGE FIXINGS

797



Tret

design: arch. Margarita Kroucharska



La linea di bollard TRET è ideale per illuminare piste ciclabili, parchi e percorsi pedonali, sia in aree residenziali che pubbliche. Disegnato dall' arch. Margarita Kroucharska è caratterizzato da forme pulite ed innovative. E' realizzato da elementi in alluminio a basso contenuto di rame per un' elevata resistenza all'ossidazione, verniciato in polveri poliestere con trattamento anti corrosione, con diffusore in policarbonato antivandalico trasparente e viteria in acciaio inox A4-70. Disponibile in 5 altezze: 500 mm, 800 mm, 1.100 mm ed il modello alto TRET UP da 2.400 mm e da 3900 mm. La gamma è arricchita dai nuovi modelli HIGH PERFORMANCE e CUTOFF nati per rispondere alle sempre più esigenti richieste del mercato. TRET HIGH PERFORMANCE con riflettore in alluminio puro al 99,98%, a doppia riflessione con finitura speculare per ottenere il massimo rendimento luminoso ed un' ottima diffusione della luce. TRET CUTOFF con paraluce e frangiluce a 45° verniciati neri 5 gloss a bassa riflettenza per ottemperare alle più restrittive norme regionali contro l' inquinamento luminoso.

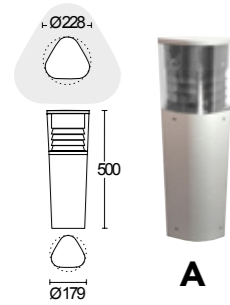
TRET family has been conceived for use pathways, parks and gardens, both in public and residential areas. It is made of die-cast aluminium high resistance to oxidation, with vandal proof polycarbonate diffuser and A4-70 stainless steel fixings. The TRET range is very broad. Five heights available: 500mm, 800mm, 1100 mm together with model TRET UP 2400mm and 3900mm. Two optics are offered to maximize flexibility: high performance optic obtaining very powerful lighting output and cut-off optic to fulfill the most strict regulations relative to indirect light emission.



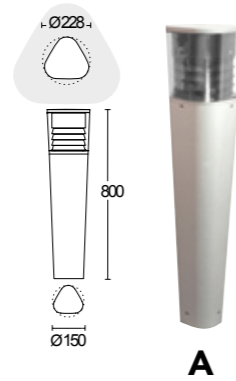
Tellus™ processo produttivo, vedi p.13
production process, see p.13

CERTIFICAZIONI CERTIFICATION	CE PCF
GRADO DI PROTEZIONE IP RATING	IP65 IP65
CLASSE DI ISOLAMENTO CLASSIFICATION	classe I class I
CORPO HOUSING	alluminio pressofuso EN AB 47100 alta resistenza all'ossidazione die-cast aluminium EN AB 47100 high resistance to oxidation
PALO POST	alluminio fuso EN AC 44200 alta resistenza all'ossidazione cast aluminium EN AC 44200 high resistance to oxidation
DIFFUSORE DIFFUSER	policarbonato trasparente resistente all'urto ed ai raggi UV vandal proof clear polycarbonate UV resistant
VITERIA ESTERNA EXTERNAL FIXINGS	inox A4-70 stainless steel A4-70
GUARNIZIONI SEALING GASKET	silicone ricotto silicone
ENTRATA CAVO CABLE ENTRY	passacavo in silicone Ø 10/14mm silicone bushing Ø 10/14mm
LAMPADINA LAMP	esclusa not included
FINITURA FINISH	doppia verniciatura in polveri poliestere ad alta resistenza ai raggi UV ed alla corrosione double powder coating polyester high resistance to UV and oxidation

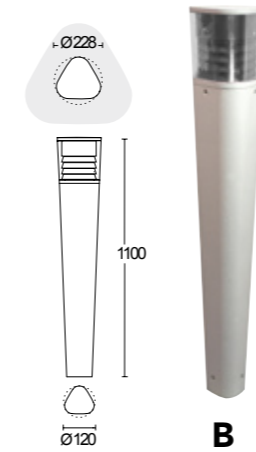
8217



8211



8213



.17F.T
 policarbonato trasparente
 clear polycarbonate
 alimentatore ferromagnetico incluso
 conventional ballast integral
 35W HIT
 G12
 medium 32°x11°
 3300 lm

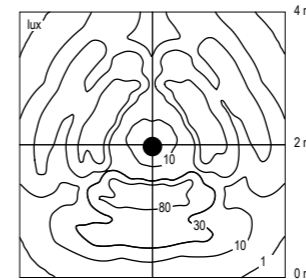
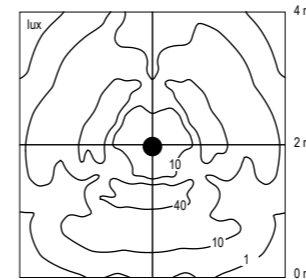
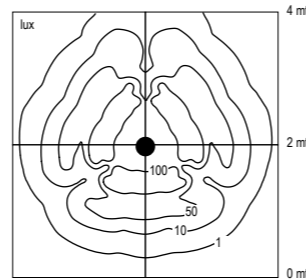
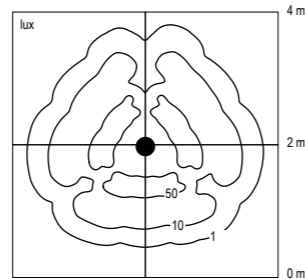
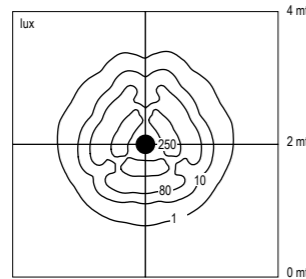
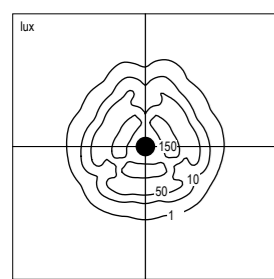
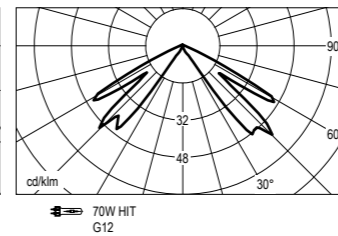
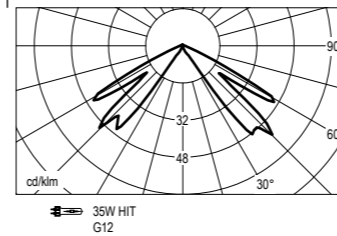
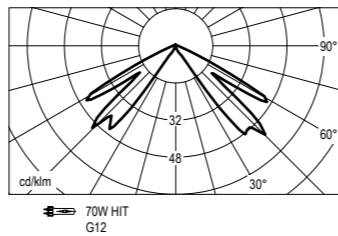
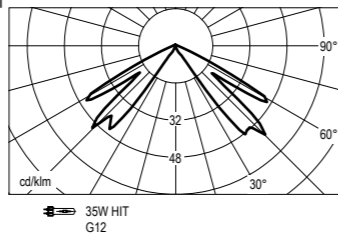
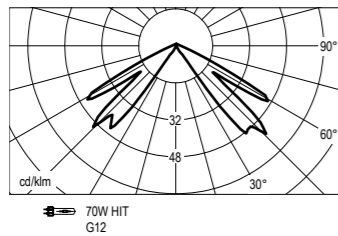
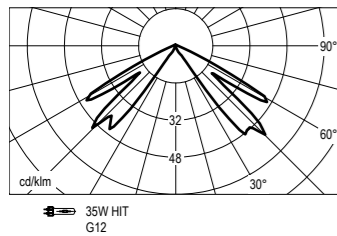
.19F.T
 policarbonato trasparente
 clear polycarbonate
 alimentatore ferromagnetico incluso
 conventional ballast integral
 70W HIT
 G12
 medium 32°x11°
 6600 lm

.17F.T
 policarbonato trasparente
 clear polycarbonate
 alimentatore ferromagnetico incluso
 conventional ballast integral
 35W HIT
 G12
 medium 32°x11°
 3300 lm

.19F.T
 policarbonato trasparente
 clear polycarbonate
 alimentatore ferromagnetico incluso
 conventional ballast integral
 70W HIT
 G12
 medium 32°x11°
 6600 lm

.17F.T
 policarbonato trasparente
 clear polycarbonate
 alimentatore ferromagnetico incluso
 conventional ballast integral
 35W HIT
 G12
 medium 32°x11°
 3300 lm

.19F.T
 policarbonato trasparente
 clear polycarbonate
 alimentatore ferromagnetico incluso
 conventional ballast integral
 70W HIT
 G12
 medium 32°x11°
 6600 lm

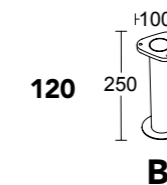
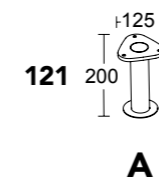


codice colori colour codes

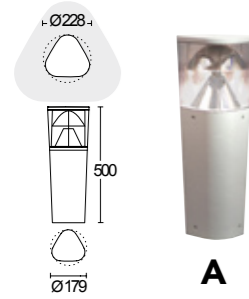
- .05** grigio antracite
anthracite grey
- .13** grigio chiaro
light grey
- .18** effetto legno
wood effect su richiesta
upon request
- .45** marrone ruggine
rust brown
- .80** sand architectural su richiesta
upon request

accessori accessories

**BASE DI ANCORAGGIO IN FERRO
 ZINCATO DA CEMENTARE
 ZINC PLATED STEEL ANCHORAGE
 FOR CONCRETING**

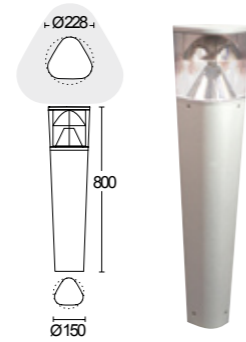


8203



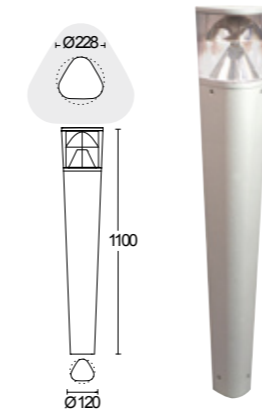
A

8205



A

8207



B

.17F.T
 policarbonato trasparente
clear polycarbonate
 alimentatore ferromagnetico incluso
conventional ballast integral
 35W HIT
 G12
 medium 32°x11°
 3300 lm

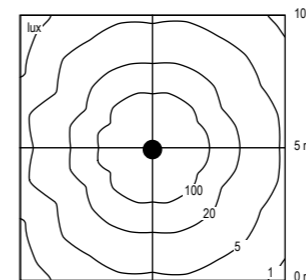
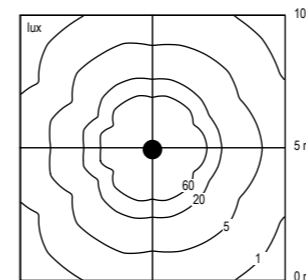
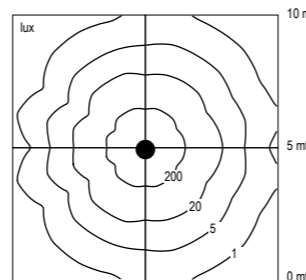
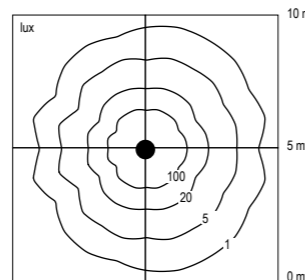
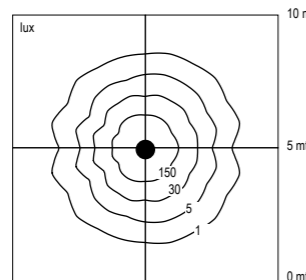
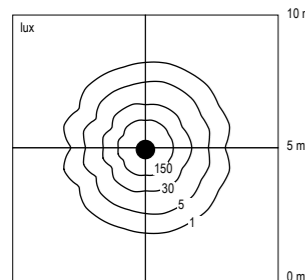
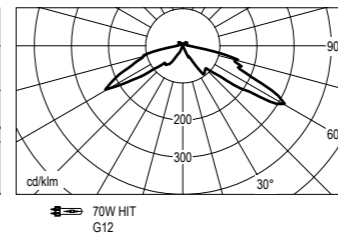
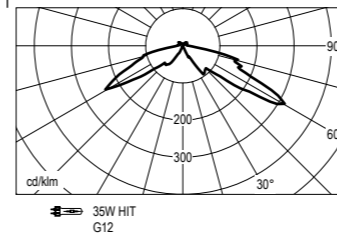
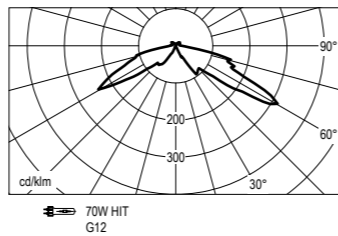
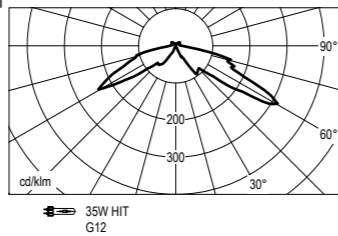
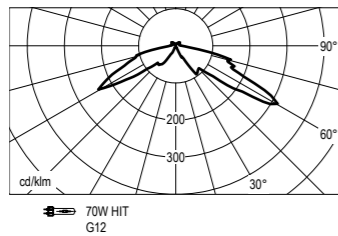
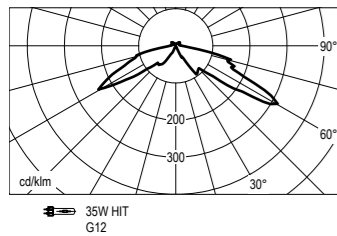
.19F.T
 policarbonato trasparente
clear polycarbonate
 alimentatore ferromagnetico incluso
conventional ballast integral
 70W HIT
 G12
 medium 32°x11°
 6600 lm

.17F.T
 policarbonato trasparente
clear polycarbonate
 alimentatore ferromagnetico incluso
conventional ballast integral
 35W HIT
 G12
 medium 32°x11°
 3300 lm

.19F.T
 policarbonato trasparente
clear polycarbonate
 alimentatore ferromagnetico incluso
conventional ballast integral
 70W HIT
 G12
 medium 32°x11°
 6600 lm

.17F.T
 policarbonato trasparente
clear polycarbonate
 alimentatore ferromagnetico incluso
conventional ballast integral
 35W HIT
 G12
 medium 32°x11°
 3300 lm

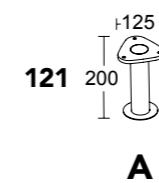
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 policarbonato trasparente
clear polycarbonate
 alimentatore ferromagnetico incluso
conventional ballast integral
 70W HIT
 G12
 medium 32°x11°
 6600 lm



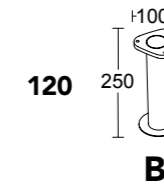
codice colori
 colour codes

- .05** grigio antracite
anthracite grey
- .13** grigio chiaro
light grey
- .18** effetto legno
wood effect su richiesta
upon request
- .45** marrone ruggine
rust brown
- .80** sand architectural su richiesta
upon request

accessori
 accessories
**BASE DI ANCORAGGIO IN FERRO
 ZINCATO DA CEMENTARE**
**ZINC PLATED STEEL ANCHORAGE
 FOR CONCRETING**



A



B



Kos

design: arch.Margarita Kroucharska



Il dissuasore Kos e' un elemento di arredo urbano innovativo e di grande impatto visivo. Realizzato in alluminio fuso e pressofuso, ha forma sferica ed e' caratterizzato da un design essenziale e raffinato. Le sue dimensioni lo rendono adatto per essere inserito in spazi di grande respiro e importanza architettonica. Il volume monolitico del dissuasore viene alleggerito attraverso quattro "tagli" illuminati che modellano la forma e la fanno "galleggiare" visivamente nello spazio.

The Kos low level globe bollard is a piece of urban furniture that breaks the usual mould and is eye-catching. Made in cast and die-cast aluminum, it's spherical in shape and is of a minimalist, but refined design. Its size is an important factor in making it ideal for wide-open spaces or in conjunction with architectural environments. The monolithic volumes of the low level bollard softened by four illuminated "slits", which give it form and seem to make it "float" in space.



Tellus™ processo produttivo, vedi p.13
production process, see p.13

CERTIFICAZIONI
CERTIFICATION



GRADO DI PROTEZIONE
IP RATING

IP66
IP66

CLASSE DI ISOLAMENTO
CLASSIFICATION

classe I
class I

CORPO
HOUSING

alluminio pressofuso EN AB 47100 alta resistenza all'ossidazione
die-cast aluminium EN AB 47100 high resistance to oxidation

DIFFUSORE
DIFFUSER

plexiglass sabbiato resistente all'urto ed ai raggi UV
vandal proof sand blasted PMMA UV resistant

VITERIA ESTERNA
EXTERNAL FIXINGS

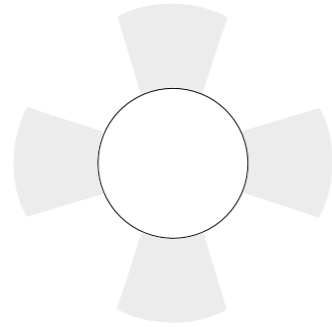
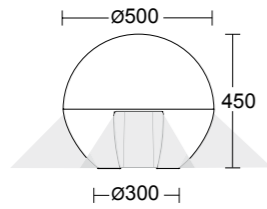
inox A4-70
stainless steel A4-70

FINITURA
FINISH

doppia verniciatura in polveri poliestere ad alta resistenza ai raggi UV ed alla corrosione
double powder coating polyester high resistance to UV and oxidation



1050



.17X.P

vetro microprismato *microprismatic diffuser*
alimentatore ferromagnetico incluso
conventional ballast integral

35W HIT

G12

flood

3300 lm

.19X.P

vetro microprismato *microprismatic diffuser*
alimentatore ferromagnetico incluso
conventional ballast integral

70W HIT

G12

flood

6600 lm

codice colori
colour codes

- .05** grigio antracite
anthracite grey
- .13** grigio chiaro
light grey
- .80** sand architectural

su richiesta
upon request

accessori
accessories

**BASE DI ANCORAGGIO IN
FERRO ZINCATO DA CEMENTARE**
ZINC PLATED STEEL ANCHORAGE
FOR CONCRETING

110

