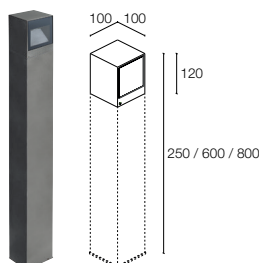


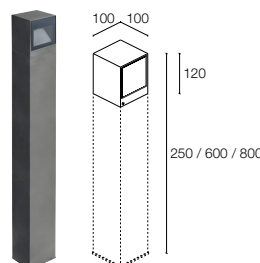


Linear 2.1 - Linear 2.2

Bollards / Paletti



Linear 2.1



Linear 2.2

DESCRIPTION

Bollard for outdoor applications; single beam (Linear Plus 2.1), double beam (Linear Plus 2.2); surface mounted (ground); body in aluminium alloy EN AW 6060, screen in tempered, serigraphed, transparent extra-clear glass; finishes: anthracite, cor-ten, grey (RAL 9006), RAL on request; 1 power LED (Linear 2.1, 4W), 1 High Intensity LED (Linear 2.1, 8,5W), 2 power LEDs (Linear 2.2, 7W), 2 High Intensity LEDs (Linear 2.2, 15W); 4W/8,5W (Linear 2.1), 7W/15W (Linear 2.2) - 230Vac; built in power supply unit; connection box with 1 m cable, H05RN-F 2x0,75 Ø6,3 mm; lumen output at source: 184 lm (3000K; 4W/7W) per beam, 657 lm (3000K; 8.5W/15W) per beam; total delivered lumens: 100 lm (3000K; 4W/7W) per beam, 284 lm (3000K; 8.5W/15W) per beam; asymmetrical optics; LED colour: white - 2700K, 3000K, 4000K; ingress protection: IP65; impact resistance: IK07; PID built in; operating temperature: -20°C +45°C; max luminaire temperature: 45°C (Ta 25°C); Glow Wire Test: 960°; photobiological safety: risk group 1 in accordance with EN62471:2006; appliance class: I; weight 1,60 kg h 120 mm, kg 2,0 h 250 mm, kg 2,7 h 600 mm, kg 3,1 h 800 mm; dimensions 100x100x120/250/600/800 mm; accessories: plate for in-ground installations WT000000, column - height 250 mm WT20250F / WT20250H / WT20250T, column - total height 600 mm WT20600F / WT20600H / WT20600T, column - total height 800 mm WT20800F / WT20800H / WT20800T.

DESCRIZIONE

Paletto da esterno; monoemissione (Linear 2.1), biemissione (Linear 2.2); su superficie (pavimento); corpo in alluminio lega EN AW 6060, schermo in vetro extrachiaro trasparente temprato serigrafato; finiture: antracite, cor-ten, grigio (RAL 9006), RAL previa richiesta; 1 power LED (Linear 2.1, 4W), 1 High Intensity LED (Linear 2.1, 8,5W), 2 power LED (Linear 2.2, 7W), 2 High Intensity LED (Linear 2.2, 15W); 4W/8,5W (Linear 2.1), 7W/15W (Linear 2.2) - 230Vac; alimentatore integrato; muffola per connessione con cavo di 1 m H05RN-F 2x0,75 Ø6,3 mm; flusso sorgente: 184 lm (3000K; 4W/7W) per emissione, 657 lm (3000K; 8.5W/15W) per emissione; flusso totale: 100 lm (3000K; 4W/7W) per emissione, 284 lm (3000K; 8.5W/15W) per emissione; ottica asimmetrica; colore LED: bianco - 2700K, 3000K, 4000K; grado di protezione: IP65; grado di resistenza: IK07; PID integrata; temperatura di esercizio: -20°C +45°C; temperatura max apparecchio: 45°C (Ta 25°C); Glow Wire Test: 960°; sicurezza fotobiologica: gruppo rischio 1 secondo EN62471:2006; classe di isolamento I; peso 1,60 kg h 120 mm, kg 2,00 h 250 mm, kg 2,70 h 600 mm, kg 3,10 h 800 mm; dimensioni 100x100x120/250/600/800 mm; accessori: piastra per installazione a terra WT000000, colonna - altezza 250 mm WT20250F / WT20250H / WT20250T, colonna - altezza totale 600 mm WT20600F / WT20600H / WT20600T, colonna - altezza totale 800 mm WT20800F / WT20800H / WT20800T.

L&L Luce&Light SRL reserves the right to change the information contained in this document at any time without prior notice being given.

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ELECTRICAL FEATURES / CARATTERISTICHE ELETTRICHE

Power consumption <i>Potenza assorbita</i>	4W / 8.5W (Linear 2.1), 7W / 15W (Linear 2.2)
Power supply <i>Alimentazione</i>	230Vac
Power supply unit <i>Alimentatore</i>	built in <i>integrato</i>
Dimming <i>Dimmerazione</i>	no dimming available <i>non disponibile</i>
Connection <i>Collegamento</i>	230Vac 50Hz

LIGHTING FEATURES / CARATTERISTICHE ILLUMINOTECNICHE

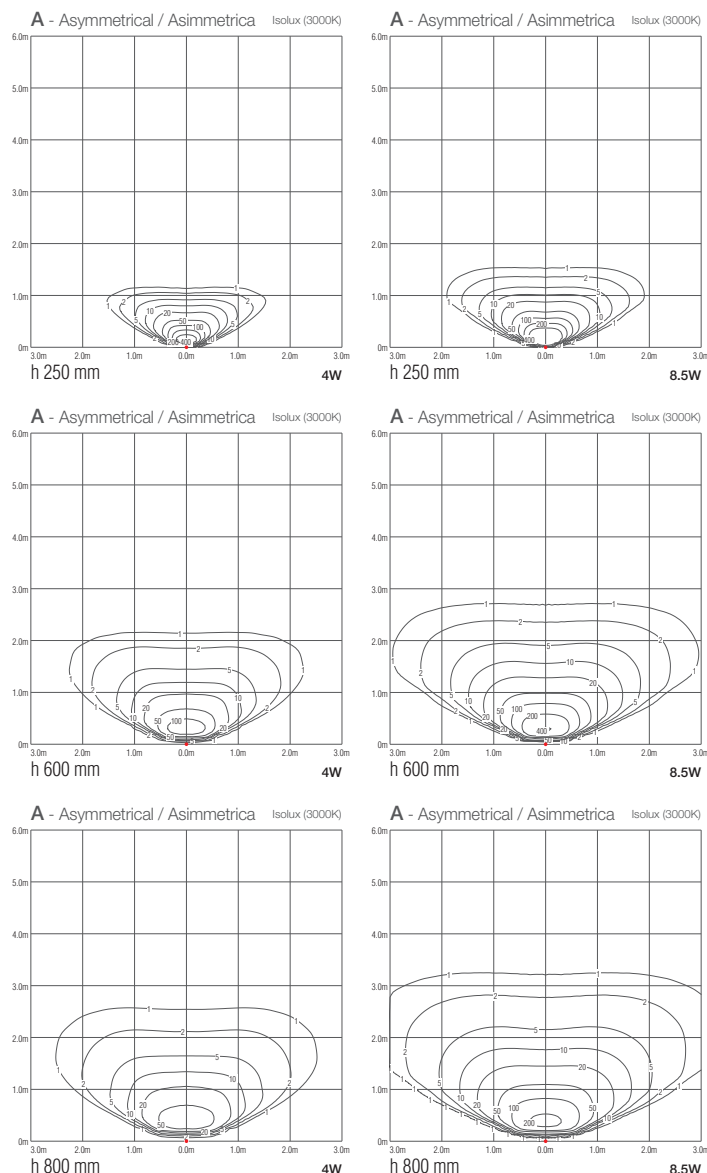
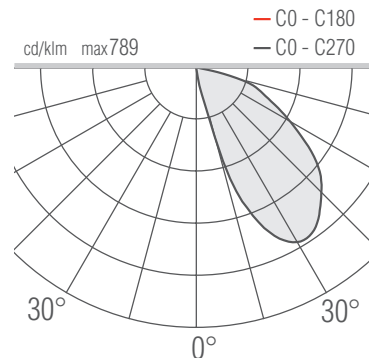
No. and type of LED / <i>N° e tipo di LED</i>	1 power LED (Linear 2.1, 4W) 1 High Intensity LED (Linear 2.1, 8.5W) 2 power LEDs (Linear 2.2, 7W) 2 High Intensity LEDs (Linear 2.2, 15W)
Average LED life / <i>Duratura media LED</i>	80% after 50.000 h
LED colour <i>Colore LED</i>	white: 2700K, 3000K, 4000K <i>bianco: 2700K, 3000K, 4000K</i>
CRI <i>Indice resa cromatica CRI</i>	>80
Binning <i>Selezione</i>	1/4 ANSI BIN (4W / 7W) 3 Step MacAdam (8.5W / 15W)
Optics <i>Ottiche</i>	asymmetrical <i>asimmetrica</i>
Lumen output at source <i>Flusso sorgente</i>	184 lm (3000K; 4W/7W) per beam 657 lm (3000K; 8.5/15W) per beam 184 lm (3000K; 4W/7W) per emissione 657 lm (3000K; 8.5W/15W) per emissione
Total delivered lumens <i>Flusso totale apparecchio</i>	100 lm (3000K; 4W/7W) per beam 284 lm (3000K; 8.5/15W) per beam 100 lm (3000K; 4W/7W) per emissione 284 lm (3000K; 8.5W/15W) per emissione

MECHANICAL FEATURES / CARATTERISTICHE MECCANICHE

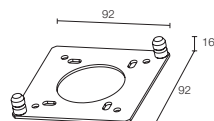
Dimensions / <i>Dimensioni</i>	100x100x120/250/600/800
Weight / <i>Peso</i>	1,60 kg (h 120), 2,00 kg (h 250), 2,70 kg (h 600), 3,10 kg (h 800)
Finishes <i>Finiture</i>	anthracite, cor-ten, grey (RAL 9006), RAL on request <i>antracite, cor-ten, grigio (RAL 9006), RAL previa richiesta</i>
Installation <i>Fissaggio</i>	with screws and plugs <i>con viti e tasselli</i>
Body material <i>Materiale corpo</i>	aluminium alloy EN AW 6060 <i>alluminio lega EN AW 6060</i>
Screen material <i>Materiale schermo</i>	tempered, serigraphed, transparent extra-clear glass <i>vetro extrachiaro trasparente temprato serigrafato</i>

GENERAL FEATURES / CARATTERISTICHE GENERALI

Operating temperature <i>Temperatura di esercizio</i>	from -20°C to +45°C
Ingress protection / <i>Grado di protezione</i>	IP65
Impact resistance / <i>Grado di resistenza</i>	IK07
Energy efficiency class <i>Classe di consumo energetico</i>	A/A+/A++ (built-in LED lamps) in accordance with EU 874/2012 <i>A/A+/A++ (modulo LED integrato) in accordo con UE 874/2012</i>
Glow wire test / <i>Glow wire test</i>	960°
Max luminaire temperature <i>Temperatura max apparecchio</i>	45°C (Ta 25°C)
Insulation class / <i>Classe isolamento</i>	class I / <i>classe I</i>
Walkover / <i>Calpestabile</i>	no
Drive-over / <i>Carrabile</i>	no
Power cables <i>Cavi di alimentazione</i>	connection box with 1 m cable, H05RN-F 2x0,75 Ø6,3 mm <i>muffola per connessione con cavo di 1 m H05RN-F 2x0,75 Ø6,3 mm</i>
Standard safety <i>Sicurezza standard</i>	PID built in <i>PID integrata</i>
Photobiological safety <i>Sicurezza fotobiologica</i>	risk group 1 in accordance with EN62471:2006 <i>gruppo rischio 1 secondo EN62471:2006</i>

PHOTOMETRIC DATA
DATI FOTOMETRICIA - Asimmetrica /
Asymmetrical

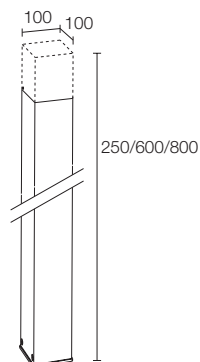
For installation / Per installazione



WT000000

Piastra per installazione a terra /

Plate for ground installation



h 250 mm

WT20250F - Grigio (RAL 9006) / Grey (RAL 9006)

WT20250T - Cor-ten

WT20250H - Antracite / Anthracite

h 600 mm

WT20600F - Grigio (RAL 9006) / Grey (RAL 9006)

WT20600T - Cor-ten

WT20600H - Antracite / Anthracite

h 800 mm

WT20800F - Grigio (RAL 9006) / Grey (RAL 9006)

WT20800T - Cor-ten

WT20800H - Antracite / Anthracite