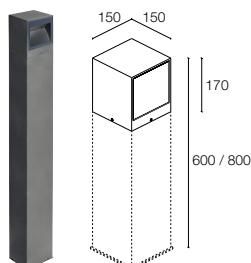


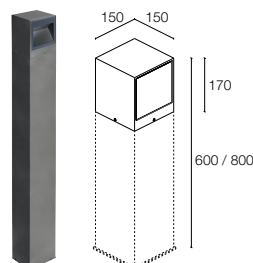


## Linear 4.1 - Linear 4.2

Bollards / Paletti



**Linear 4.1**



**Linear 4.2**

### DESCRIPTION

Bollard for outdoor applications; single beam (Linear 4.1), double beam (Linear 4.2); surface mounted (ground); body in aluminium alloy ENAW 6060, screen in tempered, serigraphed, transparent extra-clear glass; finishes: anthracite, cor-ten, grey (RAL 9006), RAL on request; 3 power LEDs (Linear 4.1, 8W), 3 High Intensity LEDs (Linear 4.1, 16W), 6 power LEDs (Linear 4.2, 14W), 6 High Intensity LEDs (Linear 4.2, 32W); 8W/16W (Linear 4.1), 14W/32W (Linear 4.2) - 230Vac; built in power supply unit; connection box with 1 m cable, H05RN-F 2x0,75 Ø6,3 mm; lumen output at source: 436 lm (3000K, 8W, Linear 4.1), 436 lm (3000K, 14W, Linear 4.2) per beam, 1465 lm (3000K, 16W, Linear 4.1), 1465 lm (3000K, 32W, Linear 4.2) per beam; total delivered lumens: 243 lm (3000K, 8W, Linear 4.1), 243 lm (3000K, 14W, Linear 4.2) per beam, 609 lm (3000K, 16W, Linear 4.1), 609 lm (3000K, 32W, Linear 4.2) per beam; asymmetrical optics; LED colour: white - 2700K, 3000K, 4000K; ingress protection: IP65; impact resistance: IK06; 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 3,50 kg h 170 mm, 5,30 kg h 600mm, 6,10 kg h 800mm; dimensions 150x150x170/600/800 mm; accessories: plate for in-ground installations WT000001, column - total height 600 mm WT40600F / WT40600H / WT40600T, column - total height 800 mm WT40800F / WT40800H / WT40800T.

### DESCRIZIONE

Paletto da esterno; monoemissione (Linear 4.1), biemissione (Linear 4.2); 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; 3 power LED (Linear 4.1, 8W), 3 High Intensity LED (Linear 4.1, 16W), 6 power LED (Linear 4.2, 14W), 6 High Intensity LED (Linear 4.2, 32W); 8W/16W (Linear 4.1), 14W/32W (Linear 4.2) - 230Vac; alimentatore integrato; muffola per connessione con cavo di 1 m H05RN-F 2x0,75 Ø6,3 mm; flusso sorgente: 436 lm (3000K, 8W, Linear 4.1), 436 lm (3000K, 14W, Linear 4.2) per emissione, 1465 lm (3000K, 16W, Linear 4.1), 1465 lm (3000K, 32W, Linear 4.2) per emissione; flusso totale: 243 lm (3000K, 8W, Linear 4.1), 243 lm (3000K, 14W, Linear 4.2) per emissione, 609 lm (3000K, 16W, Linear 4.1), 609 lm (3000K, 32W, Linear 4.2) per emissione; ottica asimmetrica; colore LED: bianco - 2700K, 3000K, 4000K; grado di protezione: IP65; grado di resistenza: IK06; PID integrata; temperatura di esercizio: -20°C +45°C; temperatura max apparecchio: 45°C (Ta 25°); Glow Wire Test: 960°; sicurezza fotobiologica: gruppo rischio 1 secondo EN62471:2006; classe di isolamento I; peso 3,50 kg h 170 mm, 5,30 kg h 600mm, 6,10 kg h 800mm; dimensioni 150x150x170/600/800 mm; accessori: piastra per installazione a terra WT000001, colonna - altezza totale 600 mm WT40600F / WT40600H / WT40600T, colonna - altezza totale 800 mm WT40800F / WT40800H / WT40800T.

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## ELECTRICAL FEATURES / CARATTERISTICHE ELETTRICHE

|                                               |                                                |
|-----------------------------------------------|------------------------------------------------|
| Power consumption<br><i>Potenza assorbita</i> | 8W/16W (Linear 4.1), 14W/32W (Linear 4.2)      |
| Power supply<br><i>Alimentazione</i>          | 230Vac                                         |
| Power supply unit<br><i>Alimentatore</i>      | built in<br><i>integrato</i>                   |
| Dimming<br><i>Dimmerazione</i>                | no dimming available<br><i>non disponibile</i> |
| Connection<br><i>Collegamento</i>             | 230Vac 50Hz                                    |

## LIGHTING FEATURES / CARATTERISTICHE ILLUMINOTECNICHE

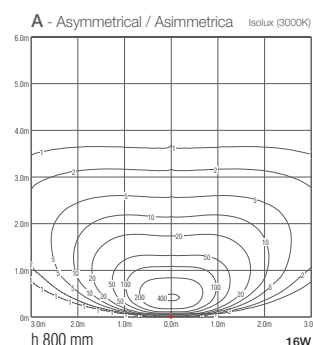
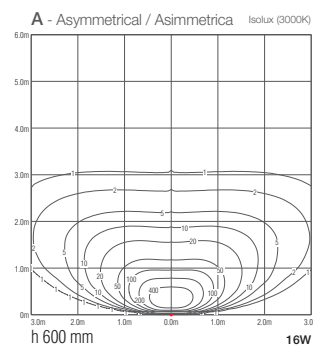
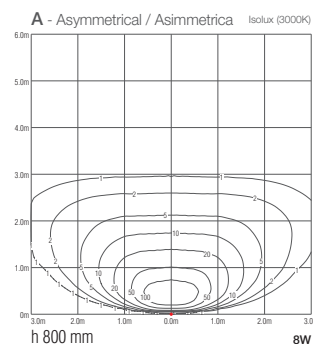
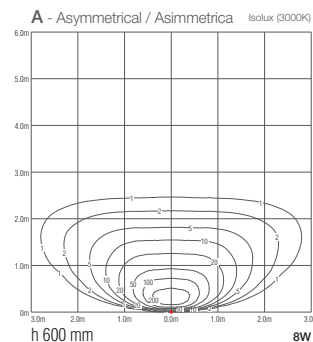
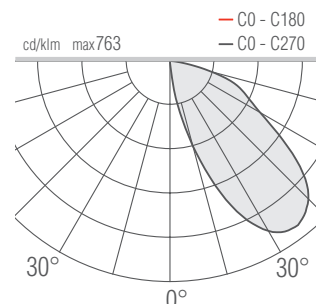
|                                                            |                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No. and type of LED / <i>N° e tipo di LED</i>              | 3 power LEDs (Linear 4.1, 8W),<br>3 High Intensity LEDs (Linear 4.1, 16W),<br>6 power LEDs (Linear 4.2, 14W)<br>6 High Intensity LEDs (Linear 4.2, 32W)                                                                                                                                                                                     |
| Average LED life / <i>Duratura media LED</i>               | 80% after 50.000 h                                                                                                                                                                                                                                                                                                                          |
| LED colour<br><i>Colore LED</i>                            | white: 2700K, 3000K, 4000K<br><i>bianco: 2700K, 3000K, 4000K</i>                                                                                                                                                                                                                                                                            |
| CRI<br><i>Indice resa cromatica CRI</i>                    | >80                                                                                                                                                                                                                                                                                                                                         |
| Binning<br><i>Selezione</i>                                | 1/4 ANSI BIN (8W / 16W)<br>3 Step MacAdam (14W / 32W)                                                                                                                                                                                                                                                                                       |
| Optics<br><i>Ottiche</i>                                   | asymmetrical<br><i>asimmetrica</i>                                                                                                                                                                                                                                                                                                          |
| Lumen output at source<br><i>Flusso sorgente</i>           | 436 lm (3000K, 8W, Linear 4.1), 1465 lm (3000K, 16W, Linear 4.1)<br>436 lm (3000K, 14W, Linear 4.2) per beam,<br>1465 lm (3000K, 32W, Linear 4.2) per beam<br><i>436 lm (3000K, 8W, Linear 4.1), 1465 lm (3000K, 16W, Linear 4.1)<br/>436 lm (3000K, 14W, Linear 4.2) per emissione,<br/>1465 lm (3000K, 32W, Linear 4.2) per emissione</i> |
| Total delivered lumens<br><i>Flusso totale apparecchio</i> | 243 lm (3000K, 8W, Linear 4.1), 609 lm (3000K, 16W, Linear 4.1)<br>243 lm (3000K, 14W, Linear 4.2) per beam,<br>609 lm (3000K, 32W, Linear 4.2) per beam<br><i>243 lm (3000K, 8W, Linear 4.1), 609 lm (3000K, 16W, Linear 4.1)<br/>243 lm (3000K, 14W, Linear 4.2) per emissione,<br/>609 lm (3000K, 32W, Linear 4.2) per emissione</i>     |

## MECHANICAL FEATURES / CARATTERISTICHE MECCANICHE

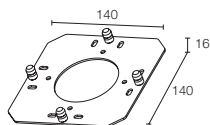
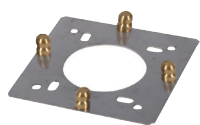
|                                             |                                                                                                                            |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Dimensions / <i>Dimensioni</i>              | 150x150x170/600/800                                                                                                        |
| Weight / <i>Peso</i>                        | 3,50 kg (h 170), 5,30 kg (h 600), 6,10 kg (h 800)                                                                          |
| Finishes<br><i>Finiture</i>                 | anthracite, cor-ten, grey (RAL 9006), RAL on request<br><i>antracite, cor-ten, grigio (RAL 9006), RAL previa richiesta</i> |
| Installation<br><i>Fissaggio</i>            | with screws and plugs<br><i>con viti e tasselli</i>                                                                        |
| Body material<br><i>Materiale corpo</i>     | aluminium alloy EN AW 6060<br><i>alluminio lega EN AW 6060</i>                                                             |
| Screen material<br><i>Materiale schermo</i> | tempered, serigraphed, transparent extra-clear glass<br><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>                  | IK06                                                                                                                              |
| Energy efficiency class<br><i>Classe di consumo energetico</i>  | A/A+/A++ (built-in LED lamps) in accordance with EU 874/2012<br><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<br><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<br><i>Cavi di alimentazione</i>                    | connection box with 1 m cable, H05RN-F 2x0,75 Ø6,3 mm<br><i>muffola per connessione con cavo di 1 m H05RN-F 2x0,75 Ø6,3 mm</i>    |
| Standard safety<br><i>Sicurezza standard</i>                    | PID built in<br><i>PID integrata</i>                                                                                              |
| Photobiological safety<br><i>Sicurezza fotobiologica</i>        | risk group 1 in accordance with EN62471:2006<br><i>gruppo rischio 1 secondo EN62471:2006</i>                                      |

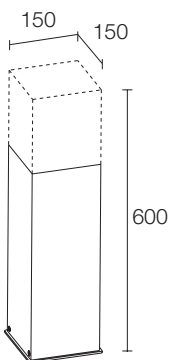
PHOTOMETRIC DATA  
DATI FOTOMETRICIA - Asimmetrica /  
Asymmetrical

## For installation / Per installazione

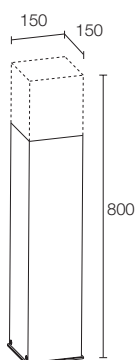
**WT000001**

Piastra per installazione a terra /

Plate for ground installation



h 600 mm

**WT40600F** - Grigio (RAL 9006) / Grey (RAL 9006)**WT40600T** - Cor-ten**WT40600H** - Antracite / Anthracite

h 800 mm

**WT40800F** - Grigio (RAL 9006) / Grey (RAL 9006)**WT40800T** - Cor-ten**WT40800H** - Antracite / Anthracite

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