



Description

IP66. Class I. Class II on request. IK10. Marine-grade, all-aluminium construction. Pole section features galvanised steel reinforcement core. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. RFC® Reflection Free Contour main lens. Integral EC electronic converter in thermally-separated compartment. DALI. CAD-optimised optics for superior illumination and glare control. Factory installed LED circuit board. Pre-wired post complete with cable connecting box and fuse for mains connection. Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

Supplied as a complete luminaire (luminaire head and standpipe). Please note: The standpipe height must be entered for the photometric calculation.

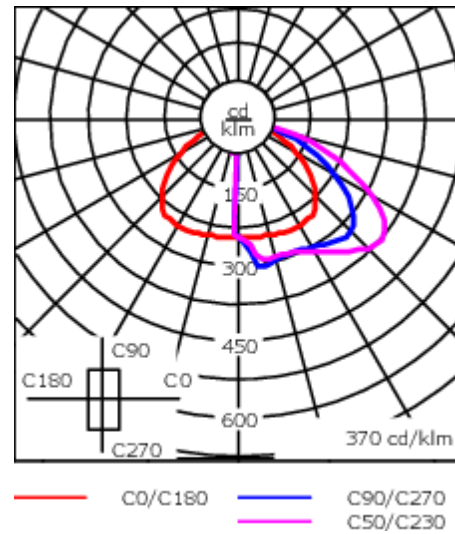
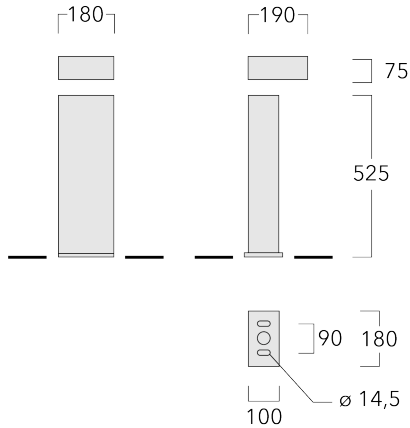
| | |
|--------------------|-------------------------------|
| Weight | 10.00 kg |
| Light distribution | rectangular, side throw [R45] |
| Light source | LED-3/13W / 1400 mA - 4000 K |
| CRI | 80 |
| Power supply | EC |
| LEDs | 3 |
| Rated input power | 15 W |

Nominal Lumen (lm)

| | |
|-------------|------|
| LED Lumen | 575 |
| Total Lumen | 1725 |
| Tj | 85 |

Rated lumens (lm)

| | |
|-------------|------|
| LED Lumen | 425 |
| Total Lumen | 1275 |
| Ta | 25 |



Specifications

Material description

| | |
|----------------------|---|
| Body | Marine-grade, die-cast aluminium alloy. Inner steel core. |
| Lens | RFC® Reflection Free Contour main lens |
| Colours | <ul style="list-style-type: none"> RAL9004 Signal black RAL9006 White aluminium RAL9007 Grey aluminium RAL7016 Anthracite grey RAL9016 Traffic white |
| Gasket | Silicone CCG® Controlled Compression Gasket |
| Fasteners | PCS Polymer Coated Stainless Steel Hardware |
| Ingress protection | IP66/IP67 |
| Impact resistance | IK10 |
| Corrosion resistance | 5CE |

Electrical description

| | |
|------------------|---------------------|
| Power supply | 220-240V / 50-60 Hz |
| Driver / Ballast | DALI |
| Power factor | > 0.9 |
| Surge protection | 10kV (SP10) |

WE-EF LEUCHTEN GmbH

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Subject to technical changes and errors. - Generated on 23/11/2024

114-0133

PSY414 LED

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Additional information

Lifetime Ta=25° L90B10 > 90000h

Energy efficiency class Energy efficiency class

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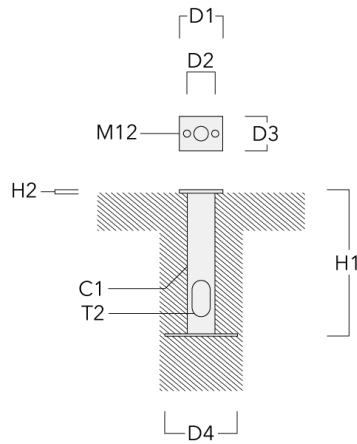
PSY414 LED

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Mounting Accessories

Planted root

| Description | Part ID | C1 | D1 | D2 | D3 | D4 | H1 | H2 | T2 | Weight (kg) |
|-------------------|----------|----|-----|----|----|-----|-----|----|----------|-------------|
| Planted root ESV2 | 300-9115 | 76 | 120 | 90 | 95 | 200 | 400 | 10 | 62 x 100 | 3.80 |



Control**DALI interface**

| Description | Part ID | Additional information | C |
|----------------|----------|--|----|
| DALI interface | 430-0013 | DALI variant. The luminaire is equipped with a DT6 Dali driver (Dali 2.0). | 90 |

Dali 2.0

- Application controllers and Input devices defined
- Single-masters and multi-masters allowed
- Event priorities defined
- Separate addressing & grouping from control gear

Note: Mixing Dali 1 and Dali 2.0 drivers can cause problems because the addressing and the command scope has changed!