



### 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.

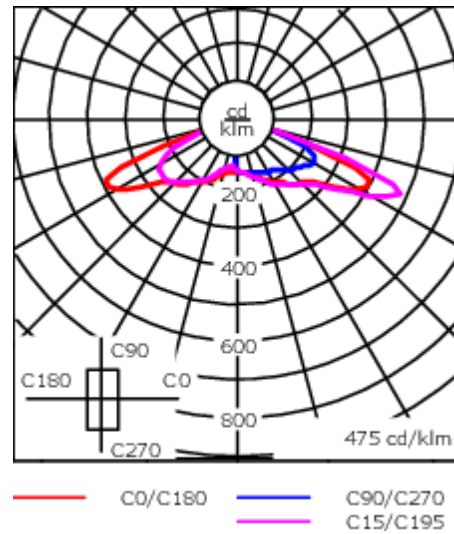
|                    |                               |
|--------------------|-------------------------------|
| Weight             | 15.10 kg                      |
| Light distribution | rectangular, side throw [R65] |
| Light source       | LED-6/26W / 1400 mA - 3000 K  |
| CRI                | 80                            |
| Power supply       | EC                            |
| LEDs               | 6                             |
| Rated input power  | 29 W                          |

### Nominal Lumen (lm)

|             |      |
|-------------|------|
| LED Lumen   | 550  |
| Total Lumen | 3300 |
| Tj          | 85   |

### Rated lumens (lm)

|             |        |
|-------------|--------|
| LED Lumen   | 407.1  |
| Total Lumen | 2442.4 |
| Ta          | 25     |



## Specifications

### Material description

|                      |   |
|----------------------|---|
| Body                 | Marine-grade, all-aluminium construction. Pole section features galvanised steel reinforcement core   |
| Lens                 | RFC_R_ Reflection Free Contour main lens  |
| Colours              | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: black; margin-right: 5px;"></span> RAL9004 Signal black</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #cccccc; margin-right: 5px;"></span> RAL9006 White aluminium</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #808080; margin-right: 5px;"></span> RAL9007 Grey aluminium</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #333333; margin-right: 5px;"></span> RAL7016 Anthracite grey</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #e0e0e0; margin-right: 5px;"></span> RAL9016 Traffic white</li> </ul> |
| 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

**114-0150**

**PSY424 LED**

**we-ef**

**Additional information**

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Lifetime Ta=25° L90B10 > 90000h

Energy efficiency class C-D (Light source)ss

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PSY424 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!