

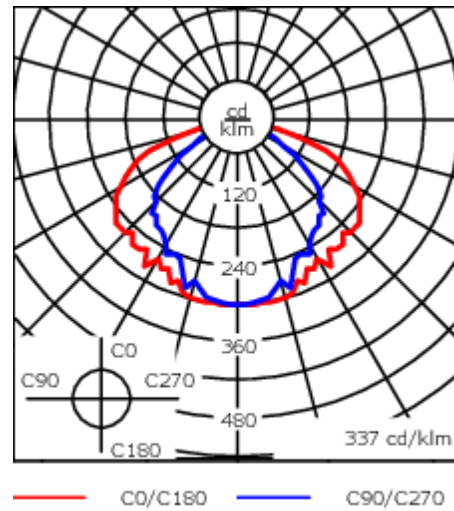
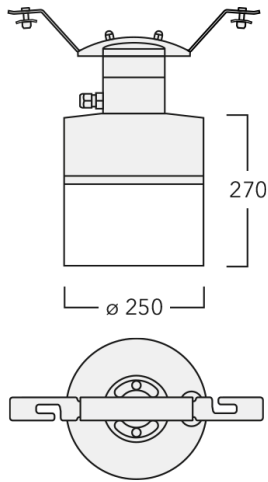


### Description

IP66, Class I, Class II on request. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone rubber gasket. UV-resistant polycarbonate main lens (open at the bottom). The luminaire is factory sealed and does not need to be opened during installation. Integral EC converter, thermally separated. Factory installed LED circuit board. Removable LED boards for upgrading. CAD-optimised indirect optics for superior illumination and glare control.

Optional 2200 K version available. To be specified at time of ordering.

|                           |                                   |
|---------------------------|-----------------------------------|
| Weight                    | 9.50 kg                           |
| Light distribution        | asymmetric, side throw beam [S60] |
| Light source              | LED-18/36W / 700 mA - 3000 K      |
| CRI                       | 80                                |
| Power supply              | EC                                |
| LEDs                      | 18                                |
| Rated input power         | 41 W                              |
| <b>Nominal Lumen (lm)</b> |                                   |
| LED Lumen                 | 290                               |
| Total Lumen               | 5220                              |
| T <sub>j</sub>            | 85                                |
| <b>Rated lumens (lm)</b>  |                                   |
| LED Lumen                 | 261.1                             |
| Total Lumen               | 4699.1                            |
| T <sub>a</sub>            | 25                                |



## Specifications

### Material description

|                      |  |
|----------------------|--|
| Body                 | Marine-grade, die-cast aluminium alloy   |
| Lens                 | Polycarbonate (open at the bottom)   |
| Colours              | <div style="display: flex; align-items: center; gap: 10px;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> RAL9004 Signal black<br/> <div style="width: 20px; height: 15px; background-color: #cccccc; margin-right: 5px;"></div> RAL9006 White aluminium<br/> <div style="width: 20px; height: 15px; background-color: #808080; margin-right: 5px;"></div> RAL9007 Grey aluminium<br/> <div style="width: 20px; height: 15px; background-color: #333333; margin-right: 5px;"></div> RAL7016 Anthracite grey<br/> <div style="width: 20px; height: 15px; background-color: #e0e0e0; margin-right: 5px;"></div> RAL9016 Traffic white         </div> |
| Gasket               | Silicone rubber gasket   |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware  |
| Ingress protection   | IP66   |
| Impact resistance    | IK07   |
| Corrosion resistance | 5CE  |
| Windage              | 0.090 m <sup>2</sup>   |

### Electrical description

|                  |                                    |
|------------------|------------------------------------|
| Power supply     | 220-240V / 50-60 Hz                |
| Driver / Ballast | Standard. DALI or 1-10V on request |
| Power factor     | > 0.9                              |
| Surge protection | 6/6 kV (optional SP10)             |

#### WE-EF LEUCHTEN GmbH

Töpinger Straße 16, 29646 Bispingen, Germany - Phone: +49 5194 909-0

info@we-ef.com - <https://we-ef.com>

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

**115-1998**

**ZFS460 LED**

**we-ef**

**Additional information**

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Lifetime Ta=25° L90B10 > 90000h

Energy efficiency class C-D (Light source)

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**Control**

**Eco Step Dim® Basic**

| Description             | Part ID  |
|-------------------------|----------|
| Eco Step Dim® Basic LED | 430-0001 |

**Eco Step Dim® Advanced**

| Description                | Part ID  |
|----------------------------|----------|
| Eco Step Dim® Advanced LED | 430-0002 |

**R2C Ready to Connect**

| Description                | Part ID  |
|----------------------------|----------|
| R2C Ready to Connect (top) | 430-0019 |