

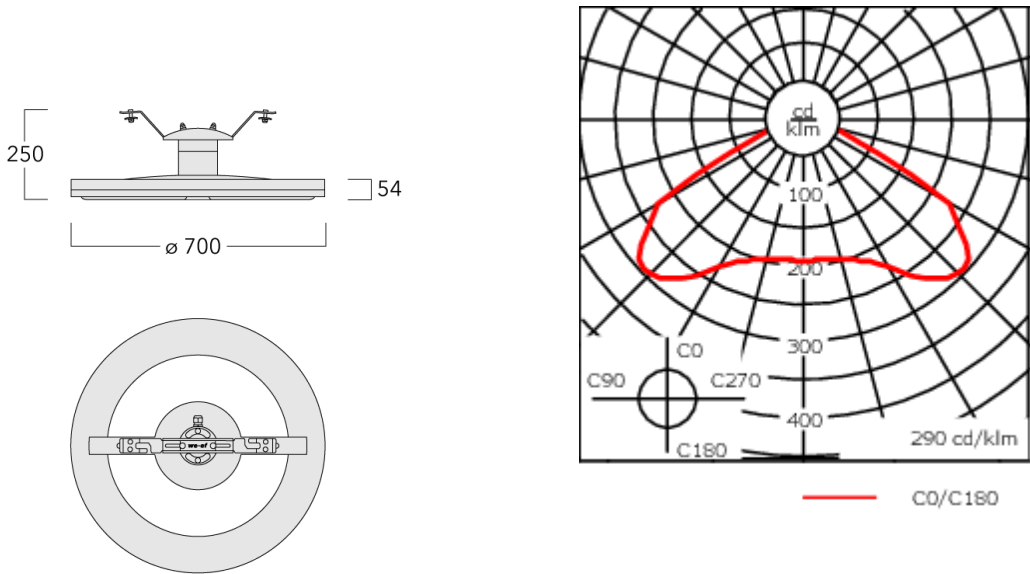


Description

IP66, Class I. Class II on request. IK08. Marine-grade, die-cast aluminium alloy. 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. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during installation. Optional 2200 K version available. To be specified at time of ordering.

Includes cable connector, for cable 9-14 mm. +/- 14° adjustable to compensate for sloping catenary systems.

|                    |   |
|--------------------|---|
| Weight             | 13.30 kg                                |
| Light distribution | controlled symmetric distribution [C50] |
| Light source       | LED-36/36W / 350 mA - 2700 K            |
| CRI                | 70                                      |
| Power supply       | EC                                      |
| LEDs               | 36                                      |
| Rated input power  | 39 W                                    |
| Nominal Lumen (lm) |   |
| LED Lumen          | 155                                     |
| Total Lumen        | 5580                                    |
| Tj                 | 85                                      |
| Rated lumens (lm)  |   |
| LED Lumen          | 146.4                                   |
| Total Lumen        | 5268.9                                  |
| Ta                 | 25                                      |



Specifications  
Material description

|                      |  |
|----------------------|--|
| Body                 | Marine-grade, die-cast aluminium alloy   |
| Lens                 | PMMA RFC® Reflection Free Contour technology   |
| Colours              | <div><div></div> RAL9004 Signal black</div> <div><div></div> RAL9006 White aluminium</div> <div><div></div> RAL9007 Grey aluminium</div> <div><div></div> RAL7016 Anthracite grey</div> <div><div></div> RAL9016 Traffic white</div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket  |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware  |
| Ingress protection   | IP66   |
| Impact resistance    | IK08   |
| Corrosion resistance | 5CE  |
| Windage              | 0.13 m²  |

Electrical description

|                  |                                  |
|------------------|----------------------------------|
| Power supply     | 220-240V / 50-60 Hz              |
| Driver / Ballast | Integral EC electronic converter |
| Power factor     | < 0.9                            |
| Surge protection | 6/6 kV (optional SP10)           |

**105-0249-70**

**CFS540 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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