

RFS540 LED



Description

Catenary-mounted luminaire.

IP66. Class I. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Non-reflecting safety glass lens hinged. Cable inclination angle: Maximum 10°. Supplied with 3 ft of cable. CAD-optimized optics for superior illumination and glare control. Integral driver in thermally separated compartment. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming comes standard with luminaire. Luminaire is factory-sealed and does not need to be opened during installation.

Rotatable 25°, tiltable 10° on the cable.

Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately.

Example: XXX-XXXX-9004 (Black)  
+ XXX-XXXX (Accessory 1)

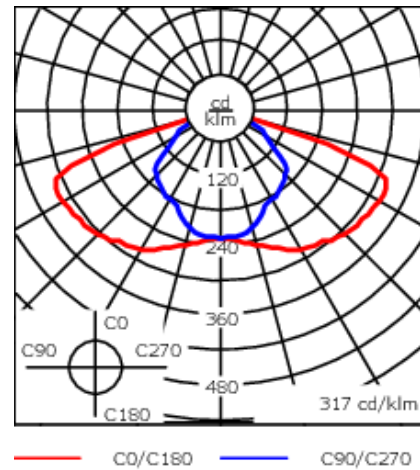
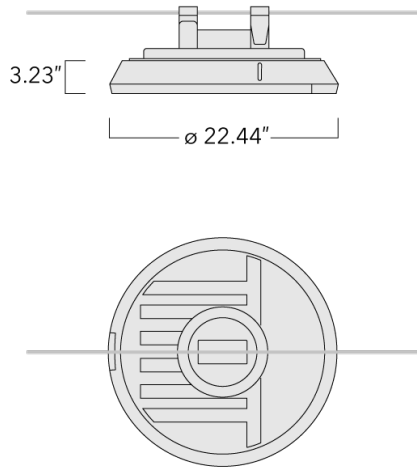
|                    |                                  |
|--------------------|----------------------------------|
| Weight             | 32.40 lb                         |
| Light distribution | [S65] Type III Medium            |
| Light source       | LED-48/24W/24W / 350 mA - 2700 K |
| CRI                | 80                               |
| Power supply       | electronic gear                  |
| LEDs               | 48                               |
| Rated input power  | 54 W                             |

Nominal Lumen (lm)

|             |      |
|-------------|------|
| LED Lumen   | 145  |
| Total Lumen | 6960 |
| Tj          | 85   |

Delivered lumens (lm)

|             |        |
|-------------|--------|
| LED Lumen   | 131.8  |
| Total Lumen | 6324.6 |
| Ta          | 25     |



## Specifications

## Material description

|                      |   |
|----------------------|---|
| Body                 | Marine-grade die-cast aluminium alloy   |
| Lens                 | Non-reflecting safety glass lens, hinged  |
| Colors               | <div><div></div> RAL9004 Black</div> <div><div></div> RAL9007 Grey Metallic</div> <div><div></div> RAL9016 White</div> <div><div></div> RAL8019 Dark Bronze</div> |
| Gasket               | Silicone rubber gasket  |
| Fasteners            | PCS Polymer Coated Stainless Steel hardware   |
| Ingress protection   | IP66  |
| Impact resistance    | IK07  |
| Corrosion resistance | 5CE   |
| Windage              | 0.8 ft <sup>2</sup>   |

Electrical description

|                  |   |
|------------------|---|
| Power supply     | Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order. |
| Driver / Ballast | Integral EC electronic converter  |
| Power factor     | > 0.9   |
| Surge protection | In-line bracket 10kV Surge Protector  |

Additional information

|            |   |
|------------|---|
| Lifetime   | Ta=25°/40° L90B10 > 90000h  |
| BUG Rating | Please see individual Spec Sheets for classification of Backlight, Uplight and Glare. |
| Listings   | ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.                            |