



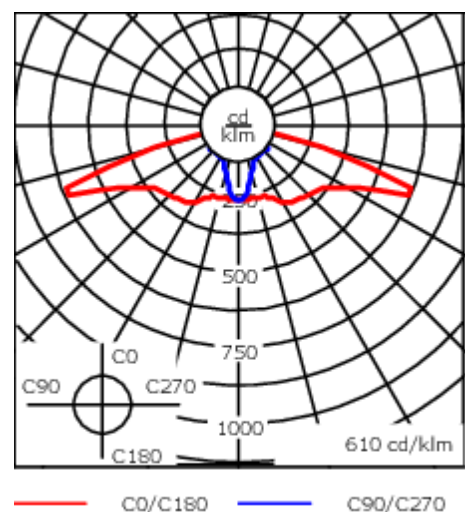
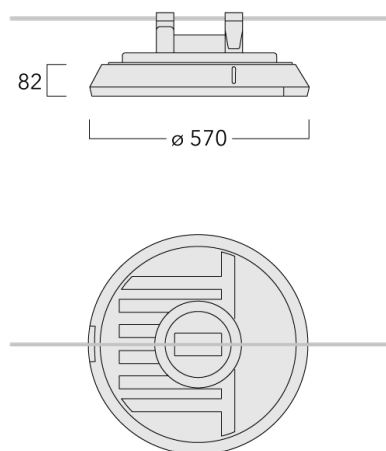
Description

IP66. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Non-reflecting safety glass lens, hinged. Silicone CCG\_R\_ Controlled Compression Gasket. Catenary stay wire inclination angle: Maximum 10°.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC\_R\_ One LED Concept. Luminaire is factory-sealed and does not need to be opened during installation.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height. Optional 2200 K version available. To be specified at time of ordering.

|                    |                                  |
|--------------------|----------------------------------|
| Weight             | 15.00 kg                         |
| Light distribution | asymmetric, side throw [S70]     |
| Light source       | LED-48/24W/24W / 350 mA - 3000 K |
| CRI                | 80                               |
| Power supply       | EC                               |
| LEDs               | 48                               |
| Rated input power  | 54 W                             |
| Nominal Lumen (lm) |                                  |
| LED Lumen          | 155                              |
| Total Lumen        | 7440                             |
| Tj                 | 85                               |
| Rated lumens (lm)  |                                  |
| LED Lumen          | 134.7                            |
| Total Lumen        | 6464.7                           |
| Ta                 | 25                               |



Specifications  
Material description

|                      |                                                                                                                                                                                       |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body                 | Marine-grade, die-cast aluminium alloy                                                                                                                                                |
| Lens                 | Non-reflecting safety glass lens, hinged                                                                                                                                              |
| Colours              | <div><div></div> RAL9004 Signal black</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 hardware                                                                                                                                                                          |
| Ingress protection   | IP66                                                                                                                                                                                  |
| Impact resistance    | IK07                                                                                                                                                                                  |
| Corrosion resistance | 5CE                                                                                                                                                                                   |
| Windage              | 0.074 m <sup>2</sup>                                                                                                                                                                  |

Electrical description

|                  |                                  |
|------------------|----------------------------------|
| Power supply     | 220-240V / 50-60 Hz              |
| Driver / Ballast | Integral EC electronic converter |
| Power factor     | > 0.9                            |

Additional information

|          |                        |
|----------|------------------------|
| Lifetime | Ta=25° L90B10 > 90000h |
|----------|------------------------|

**111-0525**

**RFS540 LED**

**we-ef**

## **Control**

### **R2C Ready to Connect**

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

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Subject to technical changes and errors. - Generated on 06/09/2025