



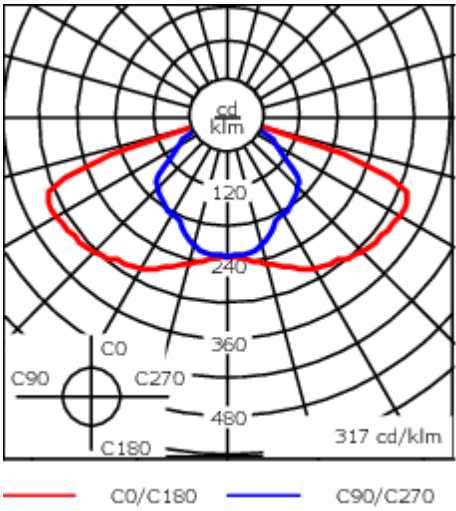
Description

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 [S65] |
| Light source | LED-48/24W/24W / 350 mA - 4000 K |
| CRI | 80 |
| Power supply | EC |
| LEDs | 48 |
| Rated input power | 54 W |
| Nominal Lumen (lm) | |
| LED Lumen | 170 |
| Total Lumen | 8160 |
| Tj | 85 |
| Rated lumens (lm) | |
| LED Lumen | 154.5 |
| Total Lumen | 7415 |
| 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 ² |

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 |
|----------|------------------------|

111-0443

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