



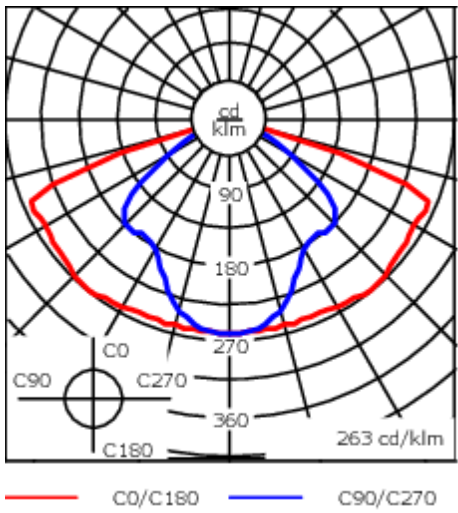
Description

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 [S60]
Light source	LED-48/48W48W / 700 mA - 3000 K
CRI	80
Power supply	EC
LEDs	48
Rated input power	105.5 W
Nominal Lumen (lm)	
LED Lumen	290
Total Lumen	13920
Tj	85
Rated lumens (lm)	
LED Lumen	253.3
Total Lumen	12158.2
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
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**111-0695**

**RFS540 LED**

**we-ef**

## **Control**

### **R2C Ready to Connect**

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

**WE-EF LIGHTING (Thailand) Co., Ltd.**

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<https://we-ef.com/asia>

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