



Description

IP66, Class I. Class II on request. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Non-reflecting safety glass lens, hinged with safety switch. 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 6-12 mm. Cable inclination angle: Maximum 10°.

Weight	15.00 kg
Light distribution	asymmetric, side throw beam [S60]
Light source	LED-48/48W/48W / 700 mA - 4000 K
CRI	80
Power supply	EC
LEDs	48
Rated input power	105.5 W

Nominal Lumen (lm)

LED Lumen	310
Total Lumen	14880
Tj	85

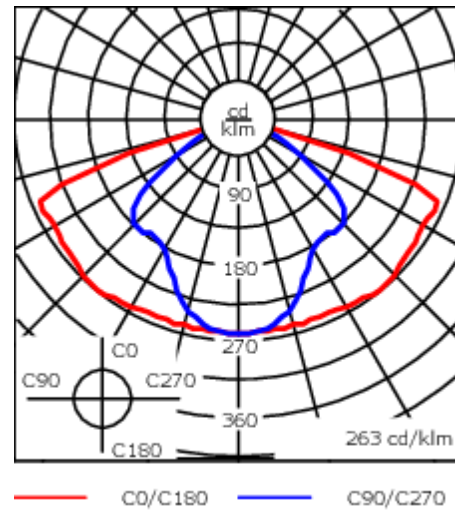
Rated lumens (lm)

LED Lumen	270.8
Total Lumen	12996.7
Ta	25

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RFS540 LED

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Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Non-reflecting safety glass lens, hinged
Colours	 RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel 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
Surge protection	6/6 kV (optional SP10)

WE-EF LEUCHTEN GmbH

Töpinger Straße 16, 29646 Bispingen, Germany - Phone: +49 5194 909-0
info@we-ef.com - <https://we-ef.com>

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Additional information

Lifetime Ta=25° L90B10 > 90000h

Energy efficiency class C-D (Light source)

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Control

Eco Step Dim® Basic

Description	Part ID
Eco Step Dim® Basic LED	430-0001

Eco Step Dim® Advanced

Description	Part ID
Eco Step Dim® Advanced LED	430-0002

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