

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. CADoptimized 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.

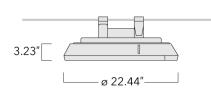
Rotatable 25°, tiltable 10° on the cable.

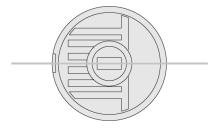
Specify product with 7 Digit product code – Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately. Example: XXX-XXXX-9004 (Black) + XXX-XXXX (Accessory 1)

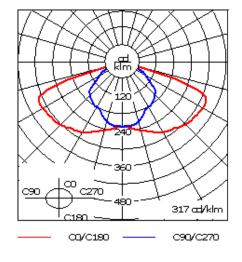
Weight32.40 lbLight distribution[S65] Type III MediumLight sourceLED-48/24W/24W / 350 mA - 4000 KCRI80Power supplyelectronic gearBUGB2 U0 G2LEDs48Rated input power54 WNominal Lumen (Im)170LED Lumen170Total Lumen8160		
Light sourceLED-48/24W/24W / 350 mA - 4000 KCRI80Power supplyelectronic gearBUGB2 U0 G2LEDs48Rated input power54 WNominal Lumen (Im)170	Weight	32.40 lb
4000 KCRI80Power supplyelectronic gearBUGB2 U0 G2LEDs48Rated input power54 WNominal Lumen (Im)LED Lumen170	Light distribution	[S65] Type III Medium
Power supplyelectronic gearBUGB2 U0 G2LEDs48Rated input power54 WNominal Lumen (Im)170	Light source	
BUGB2 U0 G2LEDs48Rated input power54 WNominal Lumen (Im)170	CRI	80
LEDs 48 Rated input power 54 W Nominal Lumen (Im) 170	Power supply	electronic gear
Rated input power 54 W Nominal Lumen (Im) 170	BUG	B2 U0 G2
Nominal Lumen (Im) LED Lumen 170	LEDs	48
LED Lumen 170	Rated input power	54 W
	Nominal Lumen (lm)	
Total Lumen 8160	LED Lumen	170
	Total Lumen	8160
_Tj 85	Тј	85
Delivered lumens (lm)	Delivered lumens (lm)	
LED Lumen 154.5	LED Lumen	154.5
Total Lumen 7415	Total Lumen	7415
Ta 25	Та	25

WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030 customersupport.usa@we-ef.com - https://we-ef.com/us Subject to technical changes and errors. - Generated on 08/14/2025







Specifications Material description

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

111-0443

RFS540 LED



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.