

## RFS530 LED

**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. CAD-optimized 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. Built-in surface junction box. 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)

For DarkSky compliant configurations of this product,

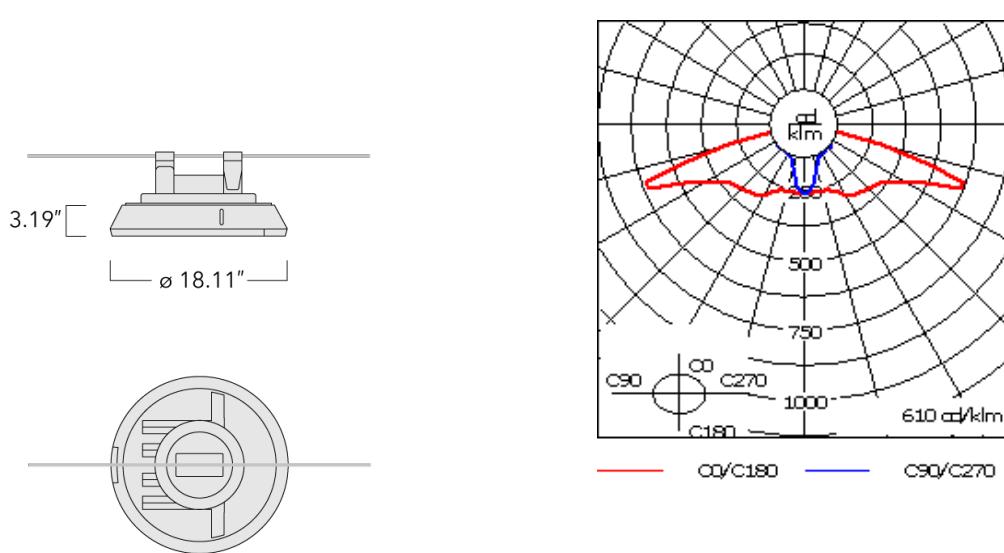
Weight	26.20 lb
Light distribution	[S70] Type II Short
Light source	LED-24/12W/12W / 350 mA - 4000 K
CRI	80
Power supply	electronic gear
BUG	B1 U0 G1
LEDs	24
Rated input power	27 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	170
Total Lumen	4080
T <sub>j</sub>	85
<b>Delivered lumens (lm)</b>	
LED Lumen	147.7
Total Lumen	3545.2
T <sub>a</sub>	25

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please find the spec sheet and DarkSky certificate in the library.

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## Specifications

### Material description

Body	Marine-grade die-cast aluminium alloy
Lens	Non-reflecting safety glass lens, hinged
Colors	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <span style="display: inline-block; width: 15px; height: 15px; background-color: black; border-radius: 50%;"></span>  RAL9004 Black       </div> <div style="text-align: center;"> <span style="display: inline-block; width: 15px; height: 15px; background-color: #808080; border-radius: 50%;"></span>  RAL9007 Grey Metallic       </div> <div style="text-align: center;"> <span style="display: inline-block; width: 15px; height: 15px; background-color: #F0F0F0; border-radius: 50%;"></span>  RAL9016 White       </div> <div style="text-align: center;"> <span style="display: inline-block; width: 15px; height: 15px; background-color: darkgray; border-radius: 50%;"></span>  RAL8019 Dark Bronze       </div> </div>
Gasket	Silicone rubber gasket
Fasteners	PCS Polymer Coated Stainless Steel hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.7 ft <sup>2</sup>

**Electrical description**

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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

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**Additional information**

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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.

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