



**Description**

IP66, Class I, Class II on request. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone rubber gasket. UV-resistant polycarbonate main lens (open at the bottom). Integral driver, thermally separated. CAD-optimized indirect optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board, removable for upgrading. 0-10V Dimming comes standard with luminaire. The luminaire is factory sealed and does not need to be opened during installation.

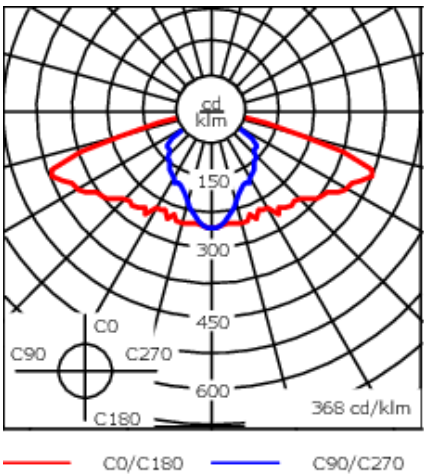
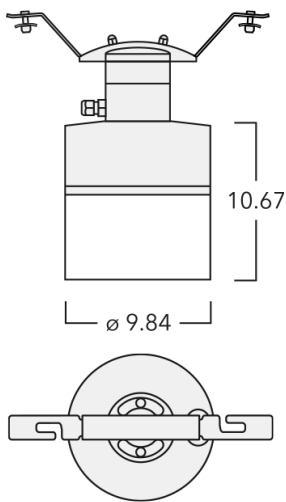
Optional 2200 K version available, to be specified at time of ordering.

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)

Weight	20.94 lb
Light distribution	[S70] Type II Short
Light source	LED-18/54W / 1050 mA - 4000 K
CRI	80
Power supply	electronic gear
LEDs	18
Rated input power	59 W

<b>Nominal Lumen (lm)</b>	
LED Lumen	450
Total Lumen	8100
Tj	85

<b>Delivered lumens (lm)</b>	
LED Lumen	398.9
Total Lumen	7180.2
Ta	25



Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Polycarbonate (open at the bottom)
Colors	<div><div></div> RAL9004 Black</div> <div><div></div> RAL9007 Grey Metallic</div> <div><div></div> RAL9016 White</div> <div><div></div> RAL8019 Dark Bronze</div>
Gasket	Silicone rubber gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.090 m <sup>2</sup>

Electrical description

Driver / Ballast	Standard. DALI or 1-10V on request
Power factor	> 0.9

**115-2014**

**ZFS460 LED**

**we-ef**

**Additional information**

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Lifetime	Ta=25°/40° L90B10 > 90000h
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**WE-EF LIGHTING USA, LLC**

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