

FLC301 Space frame

**Description**

IP66. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter in thermally-separated compartment. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control.

Including terminal box, for mounting on \varnothing 1.89-2.36 in pipes or space frames.

120V mains voltage version only, ON-OFF Class I.

Weight	1.70 lb
Light distribution	wallwash
Light source	LED-1/4W / 350 mA - 2700 K
CRI	80
Power supply	electronic gear
LEDs	1
Rated input power	5 W

Nominal Lumen (lm)

LED Lumen	490
Total Lumen	490
Tj	85

Delivered lumens (lm)

LED Lumen	331.7
Total Lumen	331.7
Ta	25

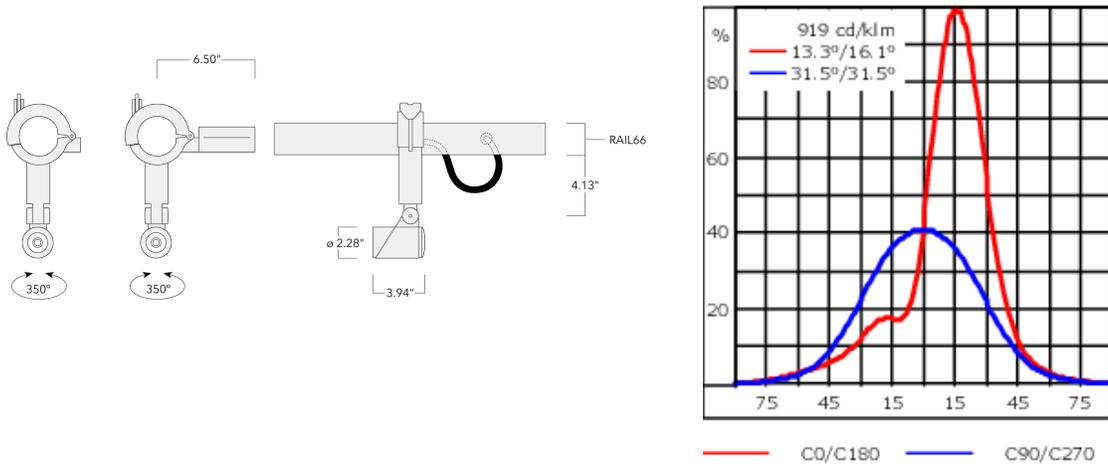
WE-EF LIGHTING USA, LLC

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Subject to technical changes and errors. - Generated on 03/07/2026

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Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> RAL9004 Black </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: grey; margin-right: 5px;"></div> RAL9007 Grey Metallic </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: white; border: 1px solid black; margin-right: 5px;"></div> RAL9016 White </div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.323 ft ²

Electrical description

Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
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Additional information

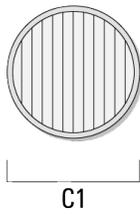
Lifetime	Ta=25°/40° L90B10 > 90000h
Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.

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Optical Accessories

Linear spread lens

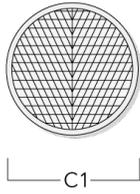
Description	Part ID	C1
Linear spread lens IO-180	145-7229	42.5



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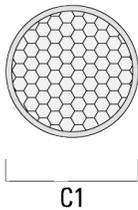
Wallwash lens

Description	Part ID	C1
Wallwash lens IO-20	145-7230	42.5



Honeycomb louvre

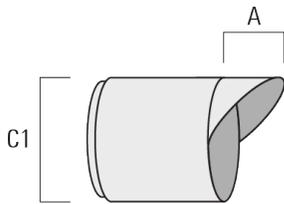
Description	Part ID	C1
Honeycomb louvre IW	145-7231	42.5



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Glare shield

Description	Part ID	A	C1
Glare shield ES	145-7232	20.5	58



Snoot

Description	Part ID	A	C1
Snoot ET	145-7233	22.5	58

