

## 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	linear spread, very narrow beam, 'sharp cut-off'
Light source	LED-1/4W / 350 mA - 2700 K
CRI	80
Power supply	electronic gear
LEDs	1
Rated input power	5 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	455
Total Lumen	455
T <sub>j</sub>	85
<b>Delivered lumens (lm)</b>	
LED Lumen	343.5
Total Lumen	343.5
T <sub>a</sub>	25

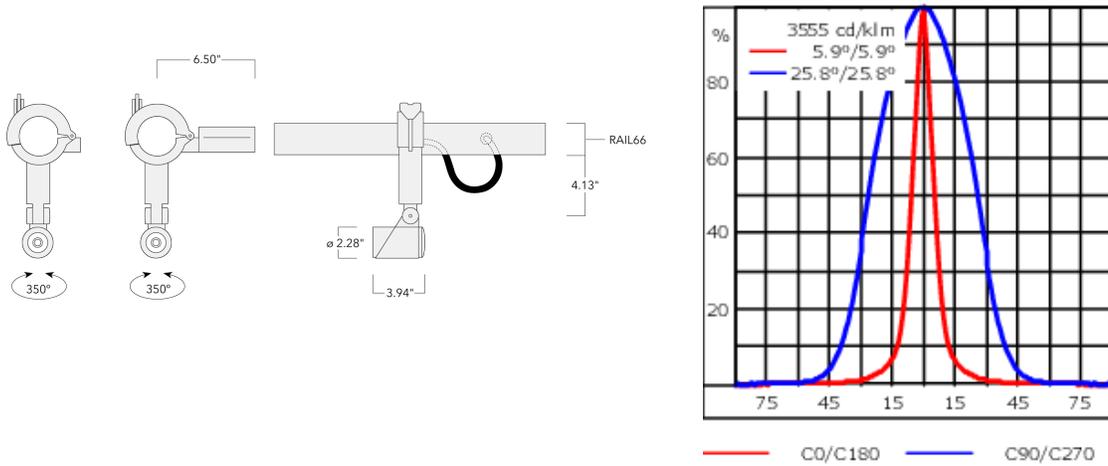
**WE-EF LIGHTING USA, LLC**

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

**FLC301 Space frame**



**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> <span>RAL9004 Black</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: grey; margin-right: 5px;"></div> <span>RAL9007 Grey Metallic</span> </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> <span>RAL9016 White</span> </div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.323 ft <sup>2</sup>

**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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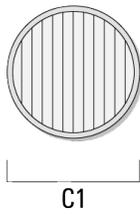
**Optical Accessories**

**Linear spread lens**

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

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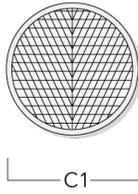


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**Wallwash lens**

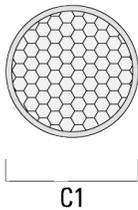
Description	Part ID	C1
Wallwash lens IO-20	145-7230	42.5



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**Honeycomb louvre**

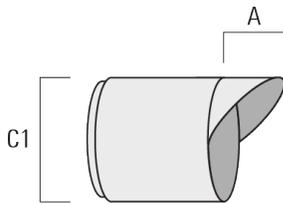
Description	Part ID	C1
Honeycomb louvre IW	145-7231	42.5



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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

