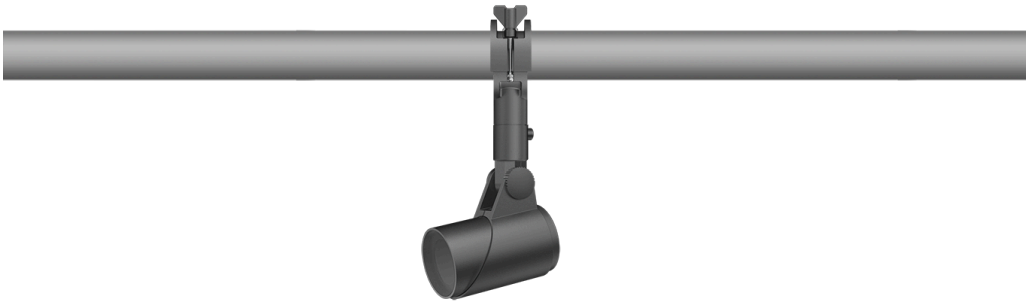


FLC311 Space frame



Description

IP66. IK08. 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.

6-12W / 120-277V / 0-10V Dimming.

Optical accessories are factory-installed. To be specified at time of ordering.

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

Weight	2.50 lb
Light distribution	symmetric, wide beam [W]
Light source	LED-3/6W / 180 mA - 2700 K
CRI	80
Power supply	electronic gear
LEDs	3
Rated input power	7.5 W

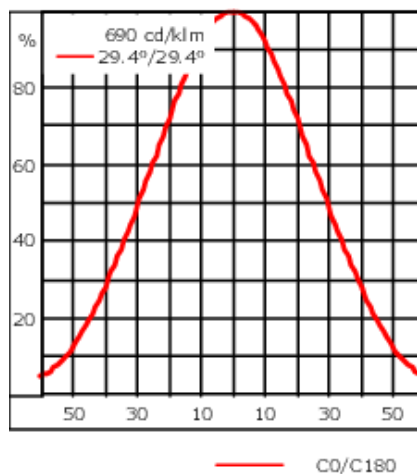
Nominal Lumen (lm)	
LED Lumen	260
Total Lumen	780
Tj	85

Delivered lumens (lm)	
LED Lumen	198.5
Total Lumen	595.4
Ta	25

## FLC311 Space frame

Technical drawing of the robot arm showing dimensions:

- 6.50"
- 350°
- 3.35"
- 5.91"
- 4.13"
- ø 1.89 - 2.36"



## Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	<div><div></div> RAL9004 Black</div> <div><div></div> RAL9007 Grey Metallic</div> <div><div></div> RAL9016 White</div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.484 ft <sup>2</sup>

Driver / Ballast	Integral [ECG] electronic driver 120V-277V.
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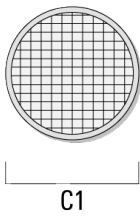
Lifetime	Ta=25°/40° L90B10 > 90000h
Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.

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 09/07/2025

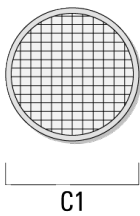
Optical Accessories

Softening Lens

Description	Part ID	C1
Flood lens IO-360 for [EE]	145-7786	59



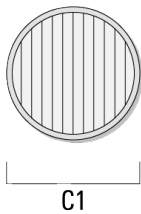
Flood lens IO-360 for [EES]	145-7780	59
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FLC311 Space frame

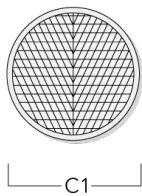
Linear spread lens

Description	Part ID	C1
Linear spread lens IO-180	145-7781	59



Wallwash lens

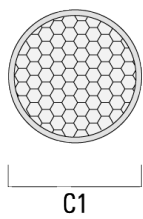
Description	Part ID	C1
Wallwash lens IO-20	145-7782	59



FLC311 Space frame

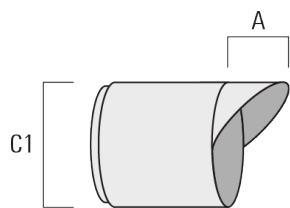
Honeycomb louvre

Description	Part ID	C1
Honeycomb louvre IW	145-7783	59



Glare shield

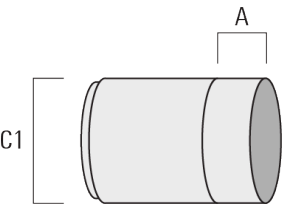
Description	Part ID	A	C1
Glare shield ES	145-7784	34	85



FLC311 Space frame

Snoot

Description	Part ID	A	C1
Snoot ET	145-7785	34	85



145-7744



FLC311 Space frame

Control

0-10 V, 24VDC low voltage version

Description	Part ID
24VDC low voltage version, 0-10 V	0033