

FLC321 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.

12W, 18W, 26W / 120-277V / 0-10V Dimming.

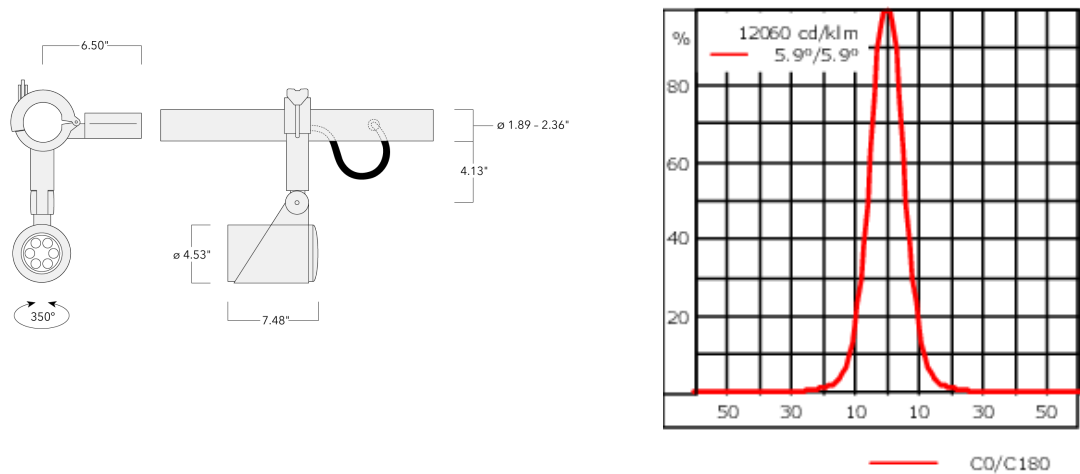
Including terminal box, for mounting on ø 1.89-2.36 in pipes or space frames.

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

Weight	8.00 lb
Light distribution	symmetric, very narrow beam, 'sharp cut-off' [VNS]
Light source	LED-6/12W / 700 mA - 2700 K
CRI	80
Power supply	electronic gear
LEDs	6
Rated input power	14.5 W
Nominal Lumen (lm)	
LED Lumen	270
Total Lumen	1620
Tj	85
Delivered lumens (lm)	
LED Lumen	209.9
Total Lumen	1259.7
Ta	25

WE-EF LIGHTING USA, LLC

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Subject to technical changes and errors. - Generated on 06/08/2025



Specifications

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	0.7 ft²

Electrical description

Driver / Ballast	120-277V AC/50-60 Hz
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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.

145-7966



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Control

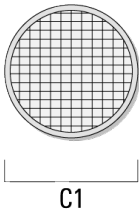
0-10 V, 24VDC low voltage version

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

Optical Accessories

Softening Lens

Description	Part ID	C1
Flood lens IO-360	145-9992	3.43



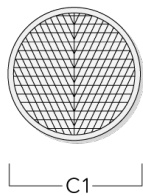
Linear spread lens

Description	Part ID	C1
Linear spread lens IO-180	145-9991	3.43



Wallwash lens

Description	Part ID	C1
Wallwash lens IO-20	145-9993	3.43



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Honeycomb louvre

Description	Part ID	C1
Honeycomb louvre IW	145-9994	3.43



Glare shield

Description	Part ID	A	C1
Glare shield ES	145-9995	2.17	4.49



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Snoot

Description	Part ID	A	C1
Snoot ET	145-9996	2.20	4.49

