

## FLC321 Surface mounted

**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. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. One cable entry.

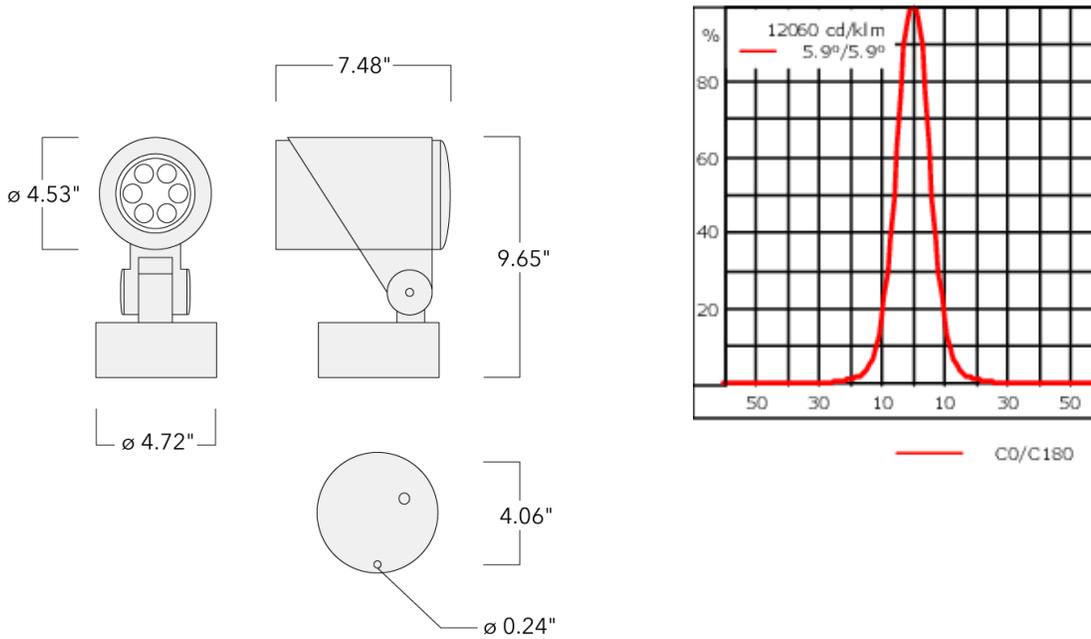
Optical accessories are factory-installed. To be specified at time of ordering.

12W, 18W, 26W / 120-277V / 0-10V Dimming.  
12W, 18W / 24V DC / 0-10V Dimming. (available upon request)

Contact the factory for 277V or 347V options.

Weight	6.80 lb
Light distribution	symmetric, very narrow beam, 'sharp cut-off' [VNS]
Light source	LED-6/18W / 1050 mA - 4000 K
CRI	80
Power supply	electronic gear
LEDs	6
Rated input power	21 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	430
Total Lumen	2580
Tj	85
<b>Delivered lumens (lm)</b>	
LED Lumen	334.4
Total Lumen	2006.2
Ta	25

**FLC321 Surface mounted**



**Specifications**

**Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	<div style="display: flex; flex-direction: column; gap: 5px;"> <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;"> <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;"> <div style="width: 20px; height: 15px; background-color: white; margin-right: 5px;"></div> <span>RAL9016 White</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: darkgrey; margin-right: 5px;"></div> <span>RAL8019 Dark Bronze</span> </div> </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>

**Electrical description**

Power supply	120-277V AC/50-60 Hz (24VDC available upon request)
Driver / Ballast	120-277V AC/50-60 Hz (24VDC available upon request)
Power factor	>0.9

**WE-EF LIGHTING USA, LLC**

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 03/24/2026

**FLC321 Surface mounted**

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**Additional information**

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

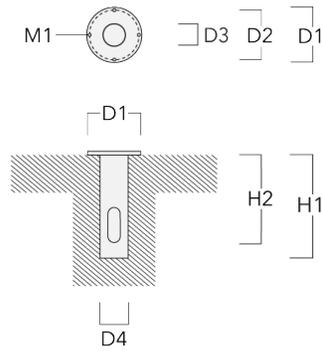
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**FLC321 Surface mounted**

**Mounting Accessories**

**Planted root**

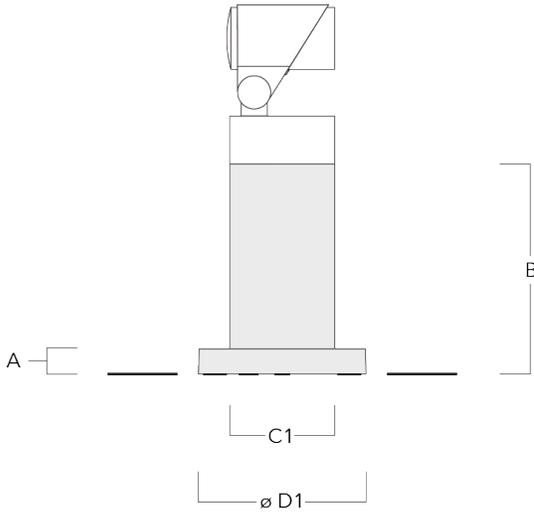
Description	Part ID	D1	D2	D3	D4	H1	H2	M1	Weight (lb)
Planted root ESV4	300-0461	5.71	5.12	4.01	4.25	15.75	13.78	.31	15.50



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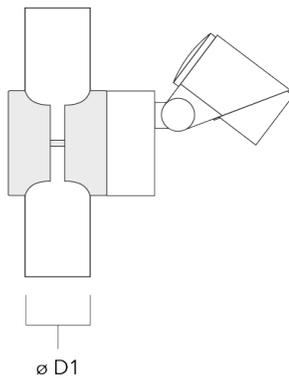
**Short post EM**

Description	Part ID	A	B	C1	D1	Weight (lb)
Short post EM1 for FLC311/321	146-7169	1.02	7.87	4.72	6.30	3.97



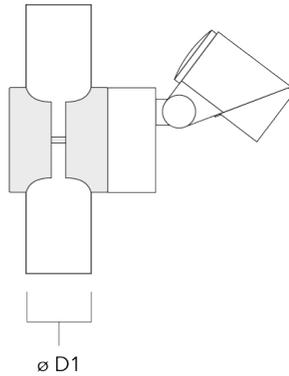
**Pole clamp SP**

Description	Part ID	D1	Weight (lb)
Pole clamp SP1-M5, single (Ø 38-60)	146-7201	38-60	1.20

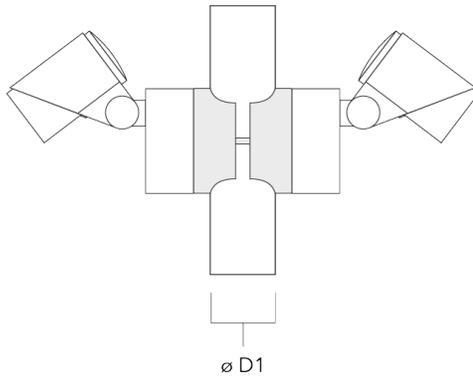


**FLC321 Surface mounted**

Description	Part ID	D1	Weight (lb)
Pole clamp SP1-M5, single (Ø 76-89)	146-7202	76-89	1.10



Pole clamp SP2-M5, double (Ø 38-60)	146-7203	38-60	1.30
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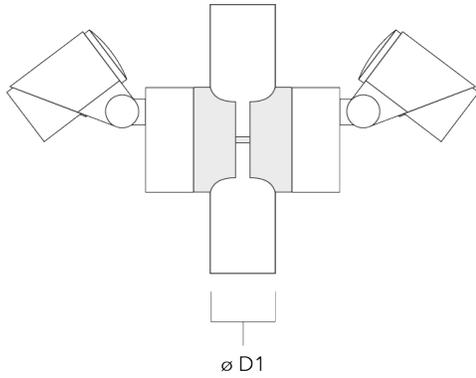


**FLC321 Surface mounted**

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Description	Part ID	D1	Weight (lb)
Pole clamp SP2-M5, double (Ø 76-89)	146-7204	76-89	1.20

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**Control**

**DALI interface**

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Description	Part ID
Low voltage DALI interface	0026

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**0-10 V, 24VDC low voltage version**

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

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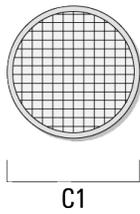
## Optical Accessories

### Softening Lens

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

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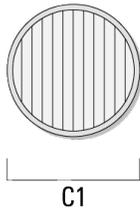
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**Linear spread lens**

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

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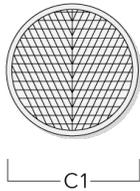
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**Wallwash lens**

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

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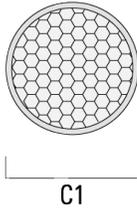
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**Honeycomb louvre**

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Description	Part ID	C1
Honeycomb louvre IW	145-9994	3.43

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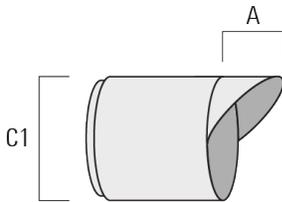
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**Glare shield**

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

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**Snoot**

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

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