

145-7644

FLC311 Surface mounted

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**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.

6-12W / 120V / 0-10V Dimming.  
6W / 24V DC / 0-10V Dimming. (available upon request)

Contact the factory for 277V or 347V options.

Weight	2.20 lb
Light distribution	symmetric, wide beam [W]
Light source	LED-3/12W / 350 mA - 4000 K
CRI	80
Power supply	electronic gear
LEDs	3
Rated input power	13.9 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	530
Total Lumen	1590
Tj	85
<b>Rated lumens (lm)</b>	
LED Lumen	404.6
Total Lumen	1213.7
Ta	25

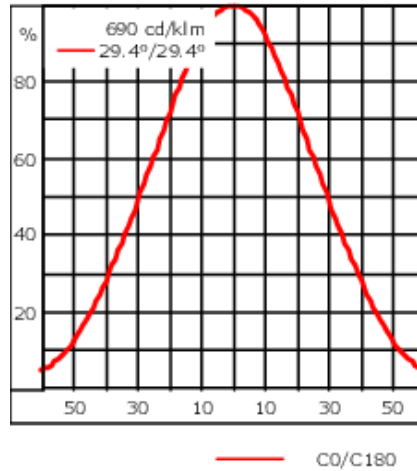
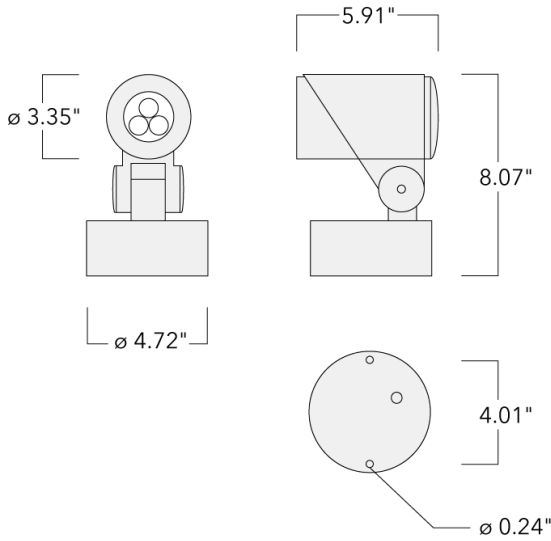
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Specifications

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: 10px; background-color: black; margin-right: 5px;"></div> <span>RAL9004 Black</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; 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: 10px; background-color: white; margin-right: 5px;"></div> <span>RAL9016 White</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; 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	0.269 ft <sup>2</sup>

Electrical description

Power supply	120-277VAC/50-60 Hz (24V DC available upon request)
Driver / Ballast	Integral [ECG] electronic driver 120V-277V. (24VDC low voltage, available upon request)
Power factor	>0.9

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**Additional information**

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Lifetime	Ta=25°/40° L90B10 > 90000h
Dimming	0-10V Dimming as standard
Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.

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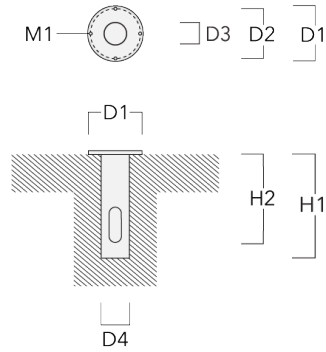
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### Mounting Accessories

#### 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



#### Short post EM

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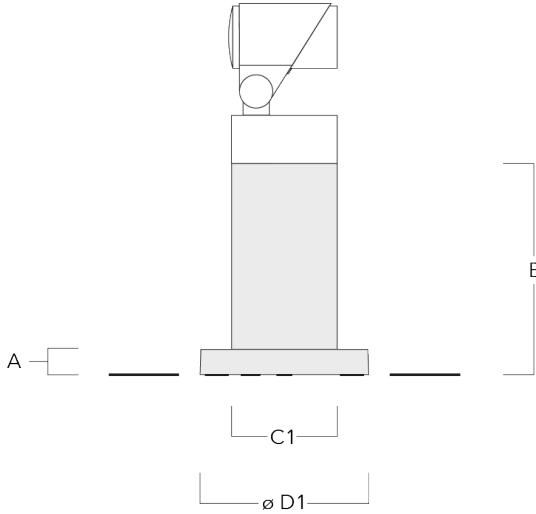
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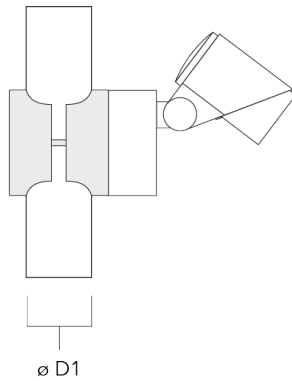
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Description	Part ID	A	B	C1	D1	Weight (lb)
Short post EM1 for FLC311/321	146-7169	1.02	7.87	4.72	6.30	3.97



**Pole clamp SP**

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



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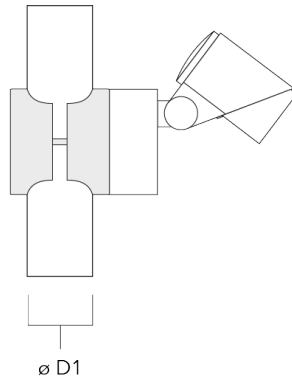
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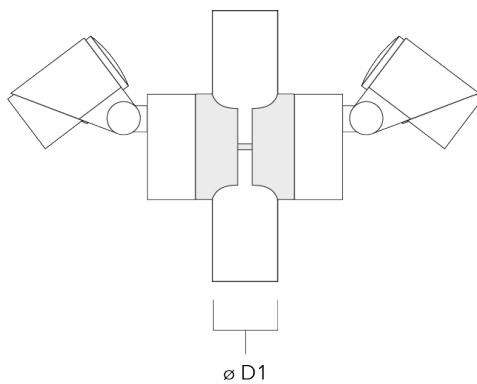
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Description	Part ID	D1	Weight (lb)
Pole clamp SP1-M5, single (Ø 76-89)	146-7202	76-89	1.10



Pole clamp SP2-M5, single (Ø 38-60)	146-7203	38-60	1.30
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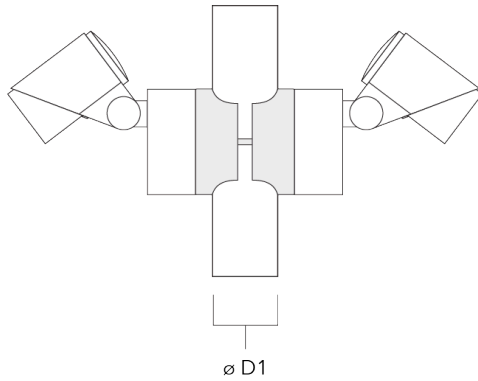
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Description	Part ID	D1	Weight (lb)
Pole clamp SP2-M5, single (Ø 76-89)	146-7204	76-89	1.20

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**Control**

**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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