

145-7660

FLC311 Surface mounted

**we-ef**



**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, very narrow beam [VN]
Light source	LED-3/6W / 180 mA - 4000 K
CRI	80
Power supply	electronic gear
LEDs	3
Rated input power	7.5 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	280
Total Lumen	840
Tj	85
<b>Delivered lumens (lm)</b>	
LED Lumen	217.2
Total Lumen	651.7
Ta	25

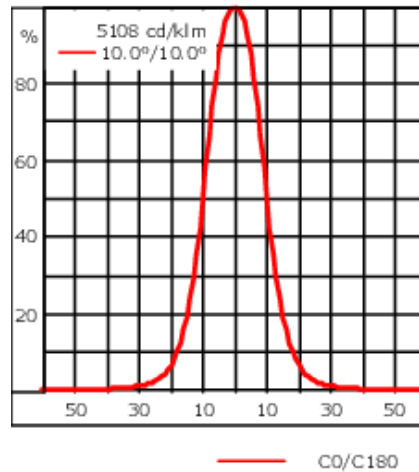
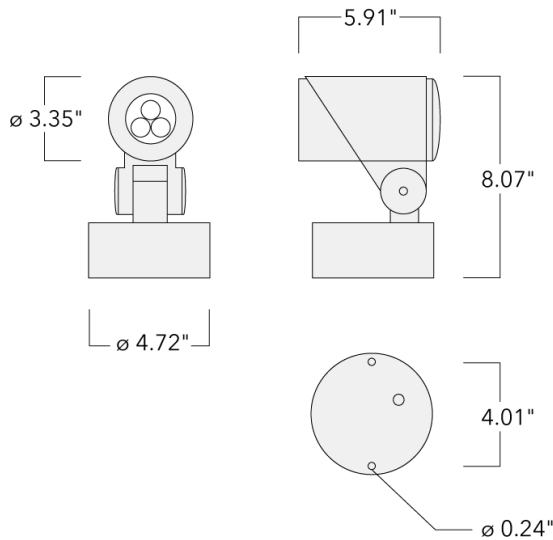
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## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	<div style="display: flex; flex-direction: column; gap: 5px;"> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: black; margin-right: 5px;"></span> RAL9004 Black</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: grey; margin-right: 5px;"></span> RAL9007 Grey Metallic</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: white; margin-right: 5px;"></span> RAL9016 White</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: darkgrey; margin-right: 5px;"></span> RAL8019 Dark Bronze</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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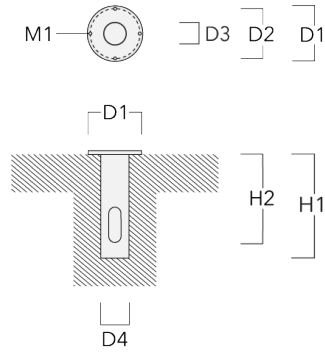
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**Mounting Accessories**

**Planted root**

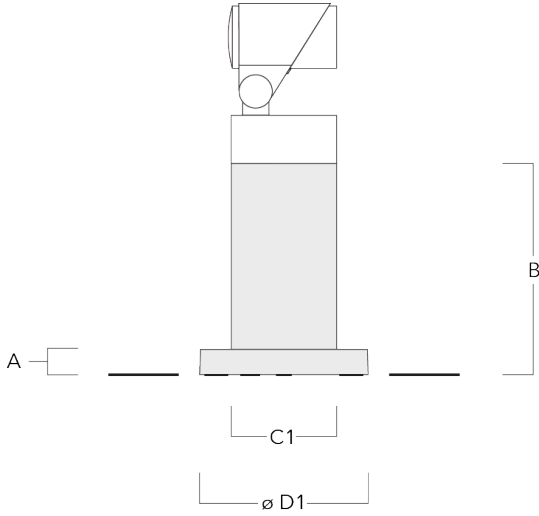
Description	Part ID	D1	D2	D3	D4	H1	H2	M1	Weight (lb)
Planted root ESV4	300-0461	5.71	5.12	4.01	4.25	15.75	13.78	.31	15.50



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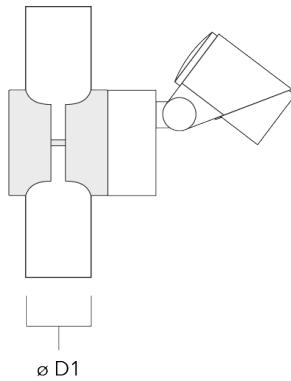
**Short post EM**

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



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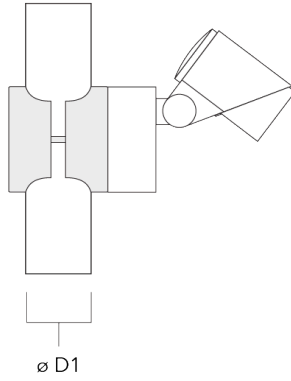
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Description	Part ID	D1	Weight (lb)
Pole clamp SP1-M5, single (Ø 76-89)	146-7202	76-89	1.10

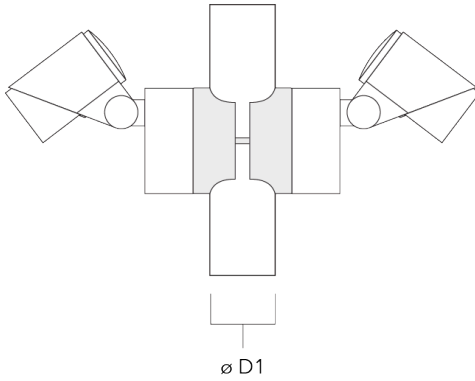
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Pole clamp SP2-M5, double (Ø 38-60)	146-7203	38-60	1.30
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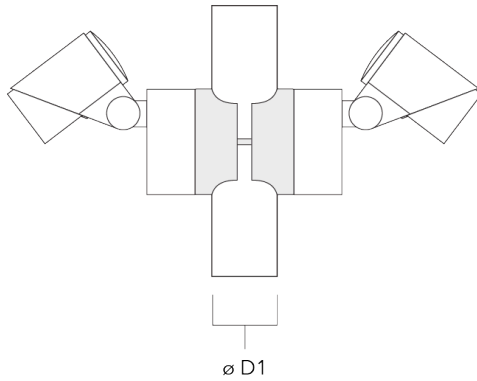
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Description	Part ID	D1	Weight (lb)
Pole clamp SP2-M5, double (Ø 76-89)	146-7204	76-89	1.20

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## **Control**

### **DALI interface**

Description	Part ID
Low voltage DALI interface	0026

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

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

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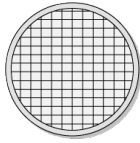
## Optical Accessories

### Softening Lens

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

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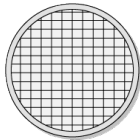


C1

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Flood lens IO-360 for [EES]	145-7780	59
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C1

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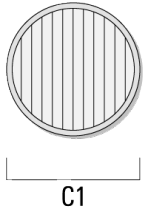
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**Linear spread lens**

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

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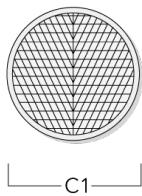
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**Wallwash lens**

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

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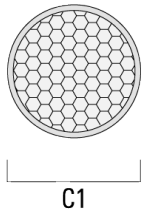
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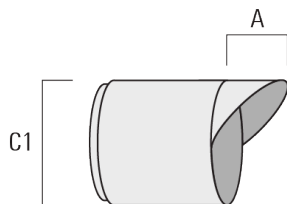
**Honeycomb louvre**

Description	Part ID	C1
Honeycomb louvre IW	145-7783	59



**Glare shield**

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



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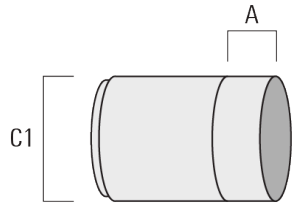
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**Snoot**

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

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