

145-7655

**we-ef**

**FLC311 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.

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-3/9W / 250 mA - 2700 K
CRI	80
Power supply	electronic gear
LEDs	3
Rated input power	11 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	365
Total Lumen	1095
Tj	85
<b>Delivered lumens (lm)</b>	
LED Lumen	283.2
Total Lumen	849.6
Ta	25

---

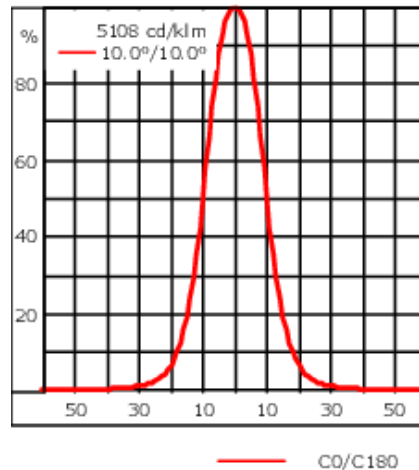
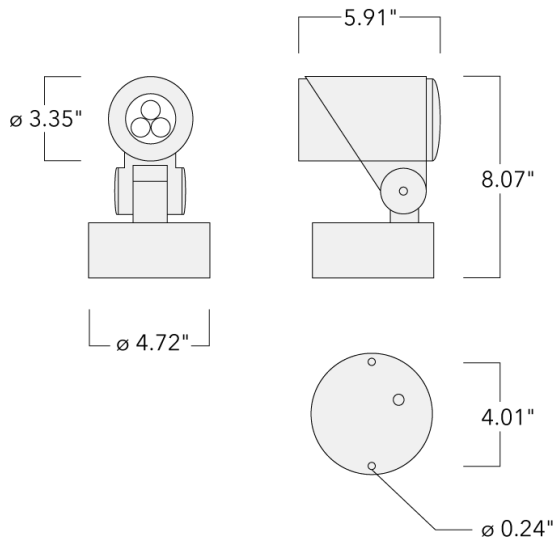
**WE-EF LIGHTING USA, LLC**

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 06/08/2025

145-7655

**we-ef**

**FLC311 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><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

#### 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 06/08/2025

**145-7655**

**we-ef**

**FLC311 Surface mounted**

**Additional information**

---

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.

---

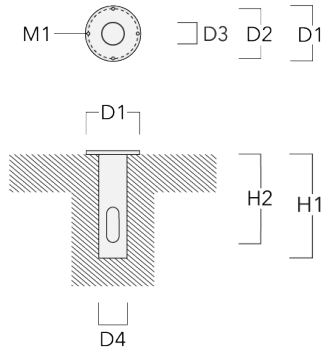
**WE-EF LIGHTING USA, LLC**

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 06/08/2025

**Mounting Accessories**

**Planted root**

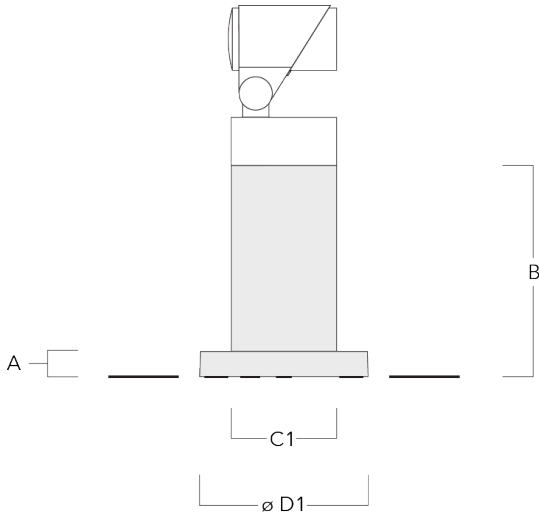
Description	Part ID	D1	D2	D3	D4	H1	H2	M1	Weight (lb)
Planted root ESV4	300-0461	5.71	5.12	4.01	4.25	15.75	13.78	.31	15.50



**FLC311 Surface mounted**

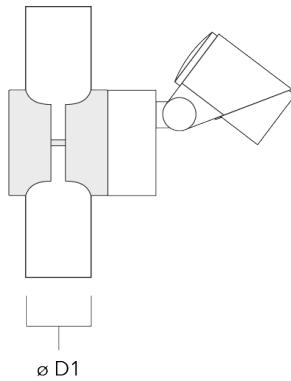
**Short post EM**

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 ( $\varnothing$ 38-60)	146-7201	38-60	1.20



145-7655

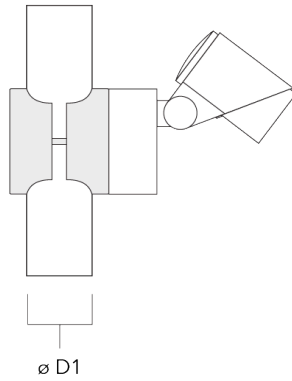
**we-ef**

**FLC311 Surface mounted**

---

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

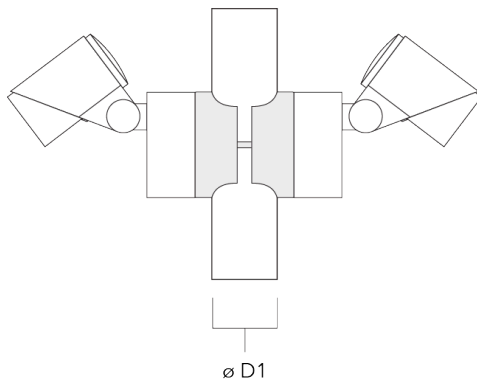
---



---

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

---



**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 06/08/2025

145-7655

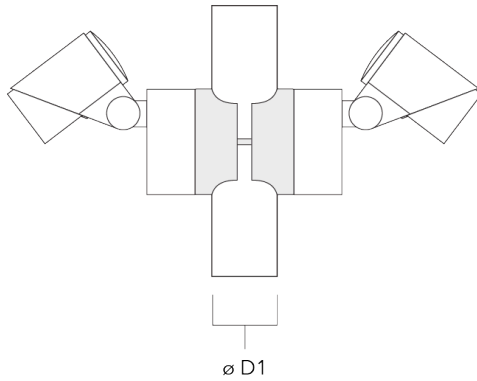
**we-ef**

**FLC311 Surface mounted**

---

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

---



**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 06/08/2025

**145-7655**

**we-ef**

**FLC311 Surface mounted**

## **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

---

**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 06/08/2025



145-7655

**we-ef**

FLC311 Surface mounted

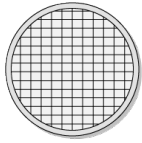
## Optical Accessories

### Softening Lens

---

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

---

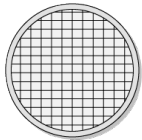


C1

---

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

---



C1

**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 06/08/2025

145-7655

**we-ef**

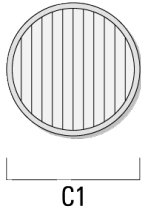
**FLC311 Surface mounted**

**Linear spread lens**

---

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

---



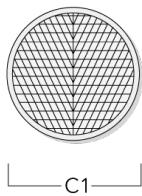
---

**Wallwash lens**

---

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

---



---

**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 06/08/2025

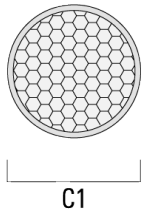
**FLC311 Surface mounted**

**Honeycomb louvre**

---

Description	Part ID	C1
Honeycomb louvre IW	145-7783	59

---



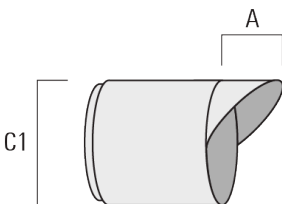
---

**Glare shield**

---

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

---



145-7655

**we-ef**

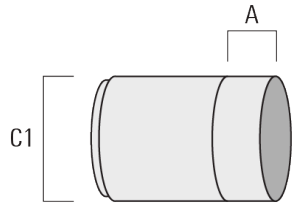
**FLC311 Surface mounted**

**Snoot**

---

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

---



**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 06/08/2025