

145-9977

**we-ef**

**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, medium beam [M]
Light source	LED-6/12W / 700 mA - 4000 K
CRI	80
Power supply	electronic gear
LEDs	6
Rated input power	14.5 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	310
Total Lumen	1860
Tj	85
<b>Rated lumens (lm)</b>	
LED Lumen	222.5
Total Lumen	1334.9
Ta	25

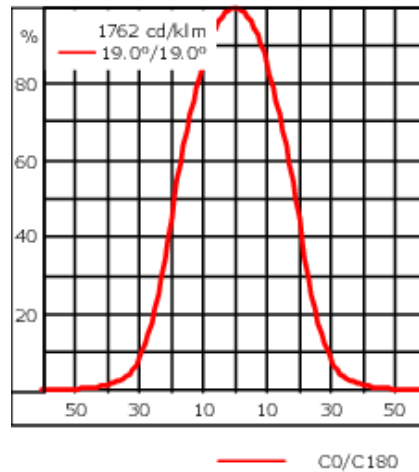
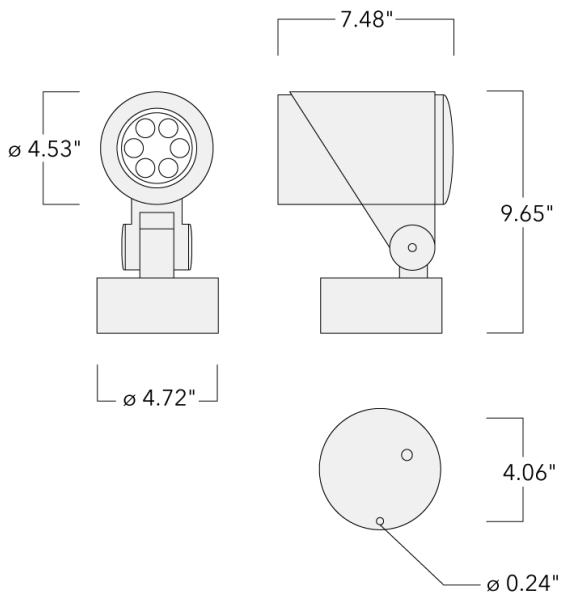
**WE-EF LIGHTING USA, LLC**

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 11/23/2024

145-9977

**we-ef**

**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><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	0.484 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 11/23/2024

**145-9977**

**we-ef**

**FLC321 Surface mounted**

**Additional information**

---

Lifetime Ta=25°/40° L90B10 > 90000h

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 11/23/2024

145-9977

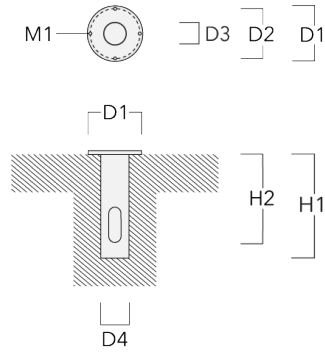
**we-ef**

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



**WE-EF LIGHTING USA, LLC**

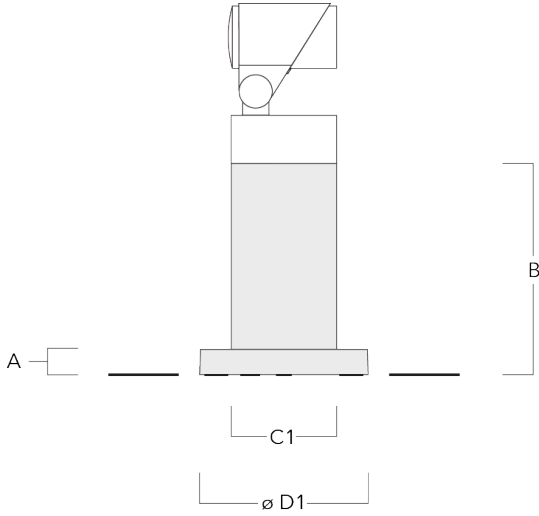
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030  
customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 11/23/2024

**FLC321 Surface mounted**

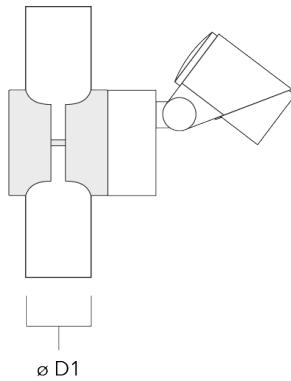
**Short post EM**

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 (Ø 38-60)	146-7201	38-60	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 11/23/2024

145-9977

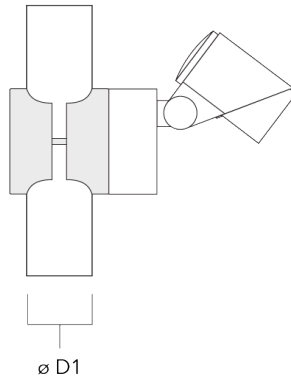
**we-ef**

**FLC321 Surface mounted**

---

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

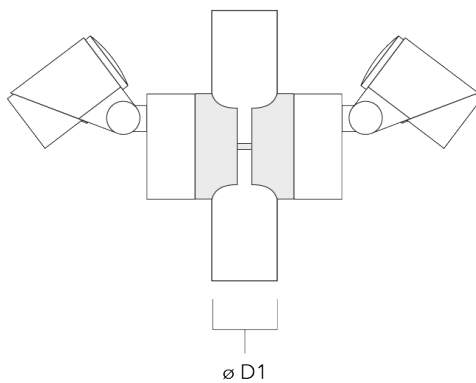
---



---

Pole clamp SP2-M5, single (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 11/23/2024

145-9977

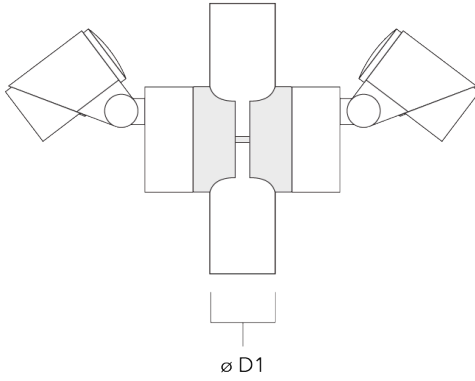
**we-ef**

**FLC321 Surface mounted**

---

Description	Part ID	D1	Weight (lb)
Pole clamp SP2-M5, single (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 11/23/2024

**145-9977**



**FLC321 Surface mounted**

**Control**

**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 11/23/2024



145-9977

**we-ef**

FLC321 Surface mounted

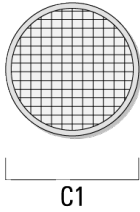
## Optical Accessories

### Softening Lens

---

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

---



---

#### 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 11/23/2024

145-9977

**we-ef**

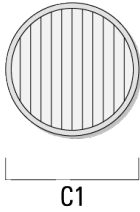
**FLC321 Surface mounted**

**Linear spread lens**

---

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

---



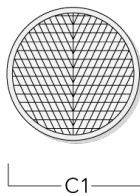
---

**Wallwash lens**

---

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

---



---

**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 11/23/2024

145-9977

**we-ef**

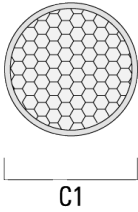
**FLC321 Surface mounted**

**Honeycomb louvre**

---

Description	Part ID	C1
Honeycomb louvre IW	145-9994	3.43

---



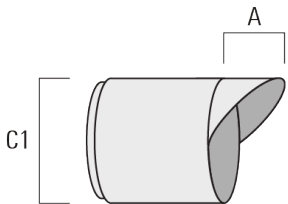
---

**Glare shield**

---

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

---



---

**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 11/23/2024

145-9977

**we-ef**

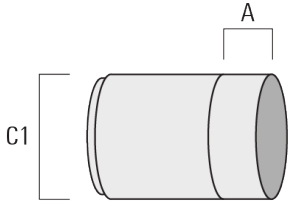
**FLC321 Surface mounted**

**Snoot**

---

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

---



**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 11/23/2024