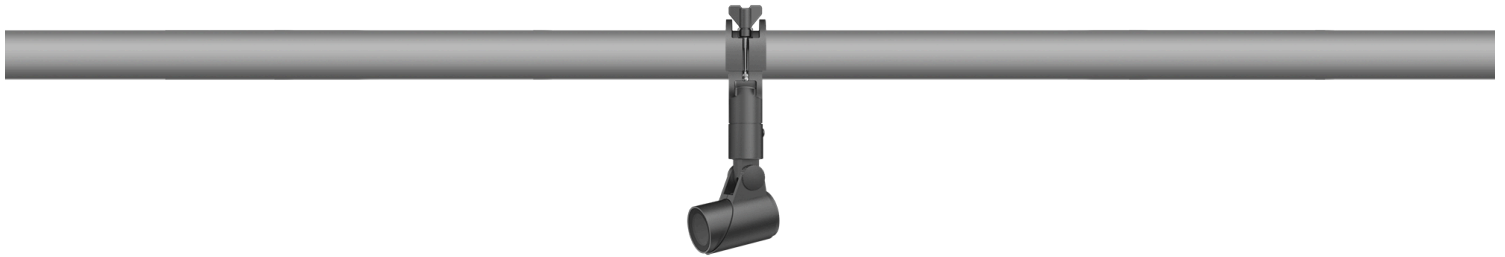


## FLC301 Space frame

**Description**

IP66. IK07. 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 in thermally-separated compartment. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control.

Including terminal box, for mounting on  $\varnothing$  1.89-2.36 in pipes or space frames.

120V mains voltage version only, ON-OFF Class I.

Weight	1.70 lb
Light distribution	symmetric, wide beam [W]
Light source	LED-1/4W / 350 mA - 2700 K
CRI	80
Power supply	electronic gear
LEDs	1
Rated input power	5 W

**Nominal Lumen (lm)**

LED Lumen	490
Total Lumen	490
Tj	85

**Rated lumens (lm)**

LED Lumen	379.1
Total Lumen	379.1
Ta	25

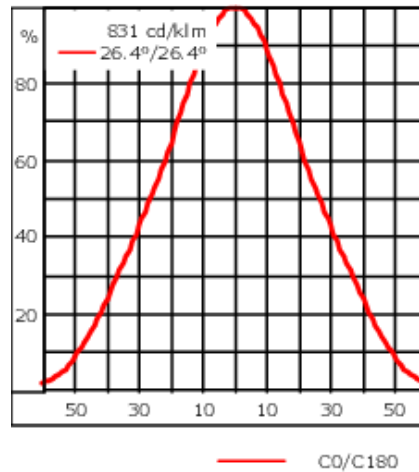
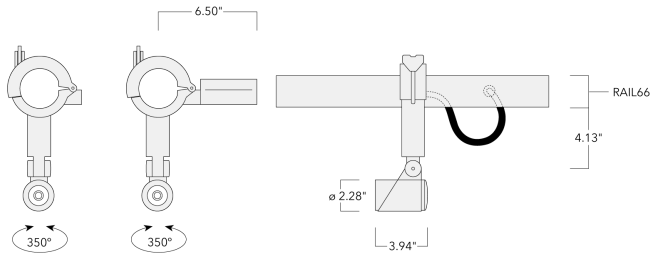
**WE-EF LIGHTING USA, LLC**

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

145-7270

**we-ef**

**FLC301 Space frame**



**Specifications**

**Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	<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; margin-top: 5px;"> <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; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: white; border: 1px solid black; margin-right: 5px;"></div> <span>RAL9016 White</span> </div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.323 ft <sup>2</sup>

**Electrical description**

Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
------------------	---

**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

145-7270

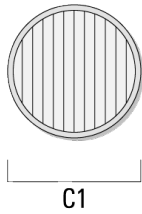
**we-ef**

FLC301 Space frame

## Optical Accessories

### Linear spread lens

Description	Part ID	C1
Linear spread lens IO-180	145-7229	42.5



**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

145-7270

**we-ef**

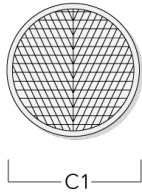
**FLC301 Space frame**

**Wallwash lens**

---

Description	Part ID	C1
Wallwash lens IO-20	145-7230	42.5

---



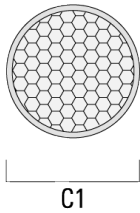
---

**Honeycomb louvre**

---

Description	Part ID	C1
Honeycomb louvre IW	145-7231	42.5

---



---

**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

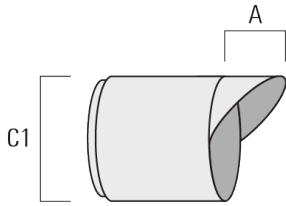
**FLC301 Space frame**

**Glare shield**

---

Description	Part ID	A	C1
Glare shield ES	145-7232	20.5	58

---



---

**Snoot**

---

Description	Part ID	A	C1
Snoot ET	145-7233	22.5	58

---

