

145-7944

FLC321 RAIL66

**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.

12W, 18W, 26W / 120-277V / 0-10V Dimming.

Including 1.3 ft of flexible cable enclosed in a stainless conduit, in-line connector and mounting clamp for installation to RAIL66 mounting system.

Optical accessories are factory-installed. To be specified at time of ordering.

Weight	7.0 lb
Light distribution	symmetric, very narrow beam, 'sharp cut-off' [VNS]
Light source	LED-6/12W / 700 mA - 3000 K
CRI	80
Power supply	electronic gear
LEDs	6
Rated input power	14.5 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	290
Total Lumen	1740
Tj	85
<b>Rated lumens (lm)</b>	
LED Lumen	225.5
Total Lumen	1353
Ta	25

**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

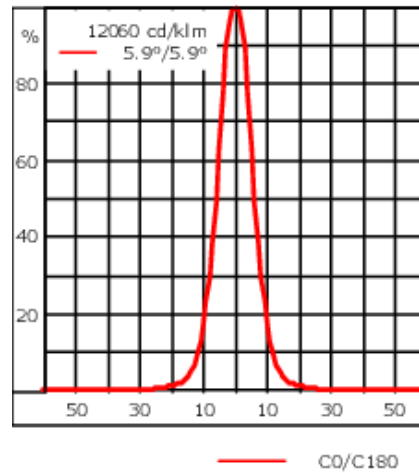
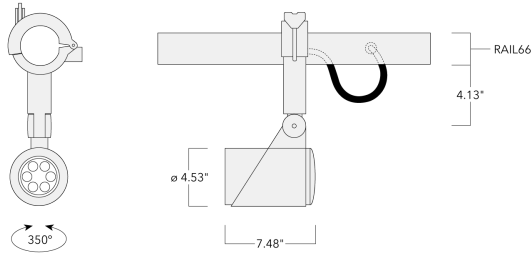
customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 10/23/2024

145-7944

FLC321 RAIL66

**we-ef**



## 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	IK08
Corrosion resistance	5CE
Windage	0.7 ft <sup>2</sup>

### Electrical description

Driver / Ballast	120-277V AC/50-60 Hz
------------------	----------------------

### 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

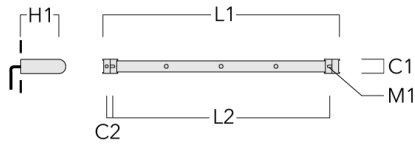
customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 10/23/2024

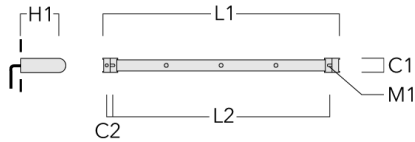
**Mounting Accessories**

**Universal**

Description	Part ID	C1	C2	H1	M1	Weight (lb)	L1	L2
2 Mains outlets (L=45.28)	310-9200	3.00	1.20	7.90	0.5	13.00	45.28	41.14

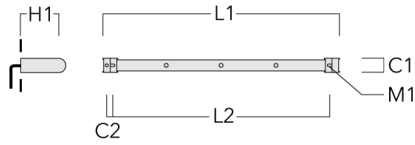


3 Mains outlets (L=45.28)	310-9202	3.00	1.20	7.90	0.5	13.00	45.28	41.14
---------------------------	----------	------	------	------	-----	-------	-------	-------

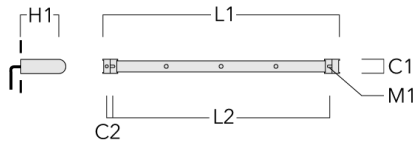


**FLC321 RAIL66**

Description	Part ID	C1	C2	H1	M1	Weight (lb)	L1	L2
3 Mains outlets (L=64.69)	310-9210	3.00	1.18	7.90	0.5	15.90	64.69	60.83



4 Mains outlets (L=64.69)	310-9212	3.00	1.18	7.90	5	13.00 lbs	64.69	60.83
---------------------------	----------	------	------	------	---	-----------	-------	-------



**WE-EF LIGHTING USA, LLC**

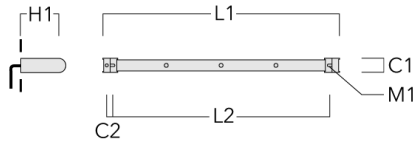
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

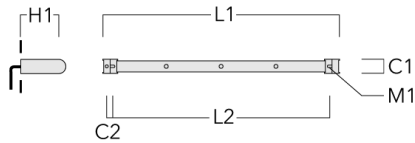
Subject to technical changes and errors. - Generated on 10/23/2024

**FLC321 RAIL66**

Description	Part ID	C1	C2	H1	M1	Weight (lb)	L1	L2
4 Mains outlets (L=84.65)	310-9220	3.00	1.18	7.90	0.5	18.76	84.65	80.51



6 Mains outlets (L=84.65)	310-9222	3.00	1.18	7.90	0.5	18.76	84.65	80.51
---------------------------	----------	------	------	------	-----	-------	-------	-------



**Flat Surface Fitters**

**WE-EF LIGHTING USA, LLC**

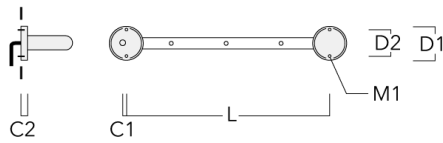
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 10/23/2024

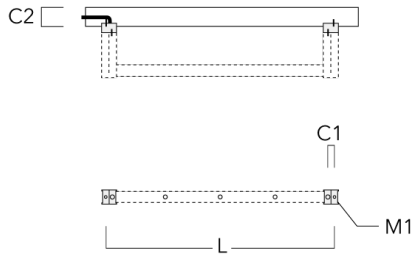
**FLC321 RAIL66**

Description	Part ID	C1	C2	D1	D2	L	M1	Weight (lb)
Surface fitters (pair)	310-9290	0.79	1.18	7.1	5.5	42.1	.35	3.70



**Column Fitters**

Description	Part ID	C1	C2	L	M1	Weight (lb)
Column Fitters (pair)	310-9294	1.20	4.00	43.9	.5	2.00



**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 10/23/2024

145-7944

FLC321 RAIL66

**we-ef**

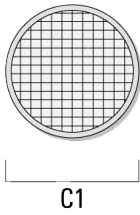
## Optical Accessories

### Softening Lens

---

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

---



---

### Linear spread lens

**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>

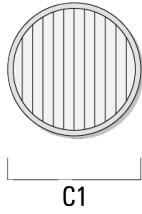
Subject to technical changes and errors. - Generated on 10/23/2024

**FLC321 RAIL66**

---

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

---



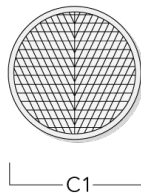
---

**Wallwash lens**

---

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

---



---

**Honeycomb louvre**

**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

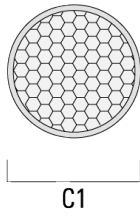
customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 10/23/2024



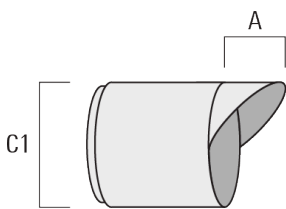
**FLC321 RAIL66**

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



**Snoot**

**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 10/23/2024

145-7944

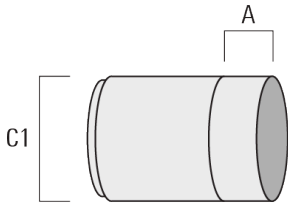
**we-ef**

FLC321 RAIL66

---

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 10/23/2024

**145-7944**

**FLC321 RAIL66**

**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086

Phone: +1 724 742 0030

[customersupport.usa@we-ef.com](mailto:customersupport.usa@we-ef.com)

<https://we-ef.com/us>

Subject to technical changes and errors.

Generated on 10/23/2024

**we-ef**

---

A Fagerhult Group Company