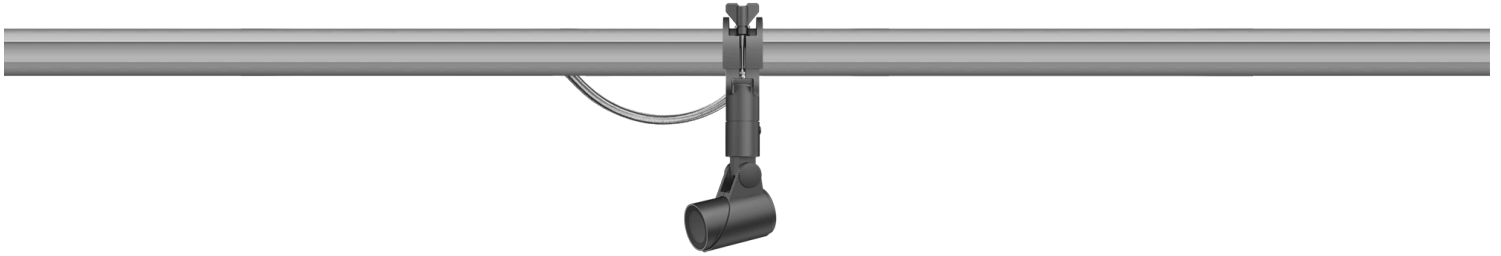


## FLC301 RAIL66

**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. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control.

4W / 120V mains voltage version, ON-OFF Class I.

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

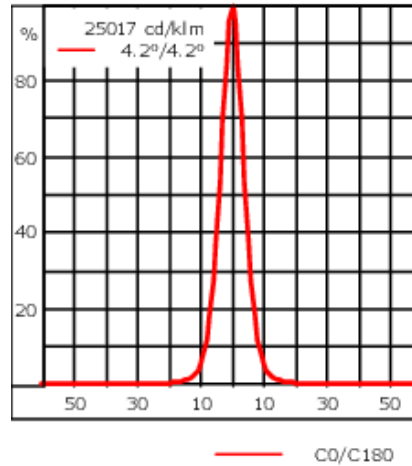
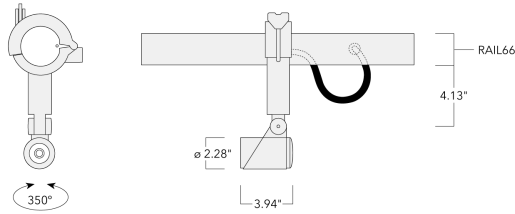
Weight	1.20 lb
Light distribution	symmetric, very narrow beam, 'sharp cut-off' [VNS]
Light source	LED-1/4W / 350 mA - 2700 K
CRI	80
Power supply	electronic gear
LEDs	1
Rated input power	5 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	455
Total Lumen	455
Tj	85
<b>Delivered lumens (lm)</b>	
LED Lumen	382.2
Total Lumen	382.2
Ta	25

**WE-EF LIGHTING USA, LLC**

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Subject to technical changes and errors. - Generated on 01/11/2026



**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	0.107 ft <sup>2</sup>

**Electrical description**

Driver / Ballast	Integral EC electronic converter
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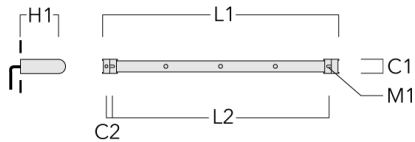
**Additional information**

Lifetime	Ta=25°/40° L90B10 > 90000h
Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.

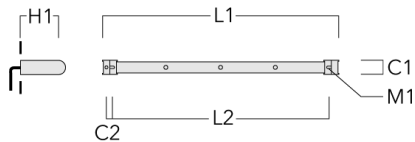
**Mounting Accessories**

**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

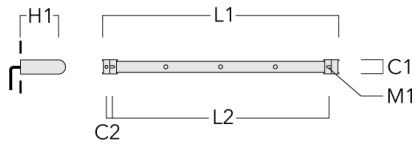


3 Mains outlets (L=45.28)	310-9202	3.00	1.20	7.90	0.5	13.00	45.28	41.14
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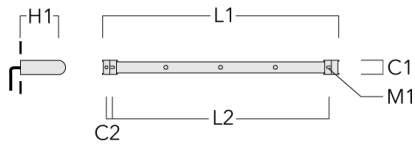


**FLC301 RAIL66**

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

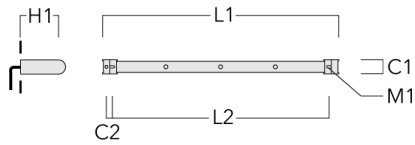


4 Mains outlets (L=64.69)	310-9212	3.00	1.18	7.90	5	13.00 lbs	64.69	60.83
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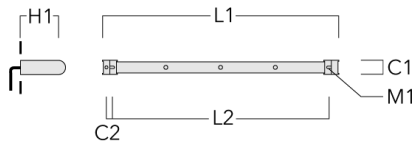


**FLC301 RAIL66**

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



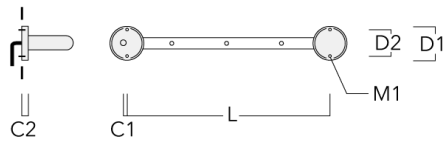
6 Mains outlets (L=84.65)	310-9222	3.00	1.18	7.90	0.5	18.76	84.65	80.51
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**FLC301 RAIL66**

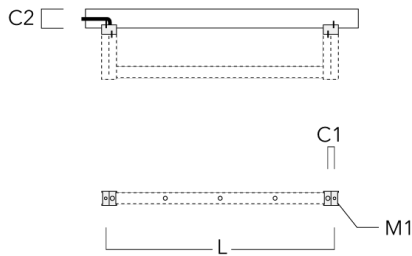
**Flat Surface Fitters**

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**

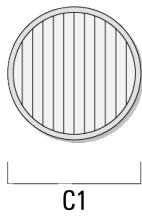
Description	Part ID	C1	C2	L	M1	Weight (lb)
Column Fitters (pair)	310-9294	1.20	4.00	43.9	.5	2.00



## Optical Accessories

### Linear spread lens

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



**FLC301 RAIL66**

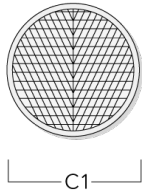
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**Wallwash lens**

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

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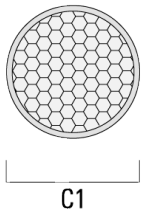
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**Honeycomb louvre**

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Description	Part ID	C1
Honeycomb louvre IW	145-7231	42.5

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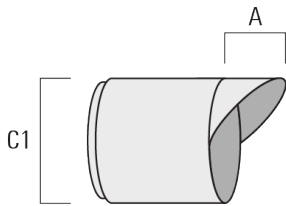


**Glare shield**

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

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**Snoot**

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

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