

FLC131 LED RAIL66

**Description**

IP66. Class I. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. Includes 1 ft of flexible cable enclosed in a stainless conduit, in-line connector and mounting clamp for installation to RAIL66 mounting system. CAD-optimized optics for superior illumination and glare control. Integral driver in thermally separated compartment. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming comes standard with luminaire.

Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately.

Example: XXX-XXXX-9004 (Black)
+ XXX-XXXX (Accessory 1)

Weight	6.80 lb
Light distribution	wallwash [A20]
Light source	LED-12/24W / 700 mA - 2700 K
CRI	80
Power supply	electronic gear
LEDs	12
Rated input power	27 W

Nominal Lumen (lm)

LED Lumen	270
Total Lumen	3240
Tj	85

Delivered lumens (lm)

LED Lumen	186.6
Total Lumen	2239.7
Ta	25

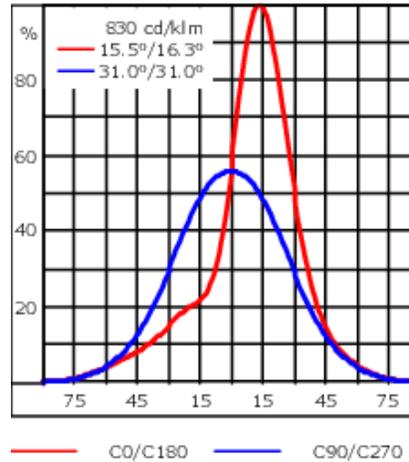
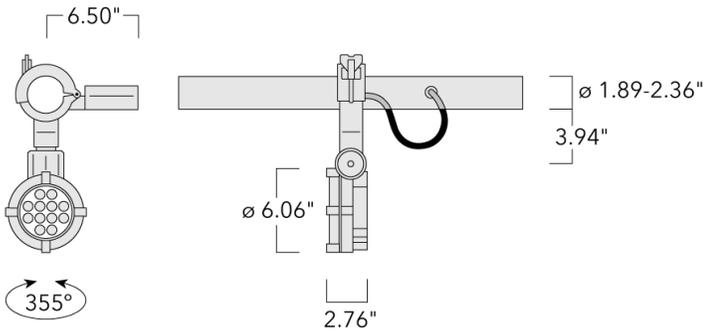
WE-EF LIGHTING USA, LLC

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

Subject to technical changes and errors. - Generated on 03/07/2026

FLC131 LED RAIL66



Specifications

Material description

Body	Marine-grade die-cast aluminum alloy
Lens	Clear tempered glass lens
Colors	<ul style="list-style-type: none"> RAL9004 Black RAL9007 Grey Metallic RAL9016 White RAL8019 Dark Bronze
Gasket	Silicone rubber gasket
Fasteners	PCS Polymer Coated Stainless Steel hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE

Electrical description

Power supply	Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order.
Driver / Ballast	Integral EC electronic converter in thermally-separated compartment

FLC131 LED RAIL66

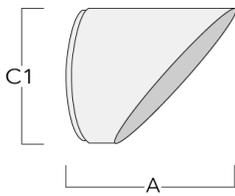
Additional information

Lifetime	Ta=25°/40° L90B10 > 90000h
Listings	ETL listed. Suitable for wet locations.

Optical Accessories

Glare shield

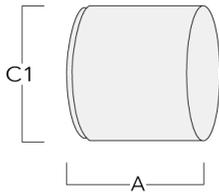
Description	Part ID	A	C1
Glare shield ES	146-0156	4.33	3.94



FLC131 LED RAIL66

Snoot

Description	Part ID	A	C1
Snoot ET	146-0397	3.76	4.96



Softening Lens

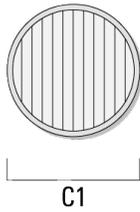
Description	Part ID	C1
I0-360	146-0623	4.33"



FLC131 LED RAIL66

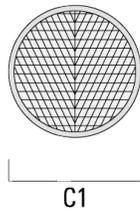
Linear spread lens

Description	Part ID	C1
IO-180-FLC131-LED	146-0418	4.30



Wallwash lens

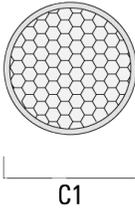
Description	Part ID	C1
IO-20-WW-FLC131-LED	146-0645	4.33



FLC131 LED RAIL66

Honeycomb louvre

Description	Part ID	C1
IW-FLC131-LED	146-0625	4.33

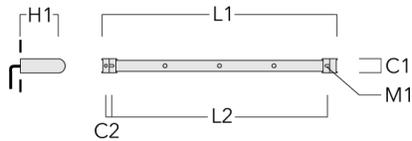


FLC131 LED RAIL66

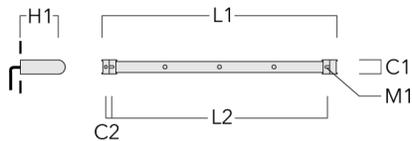
Mounting Accessories

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

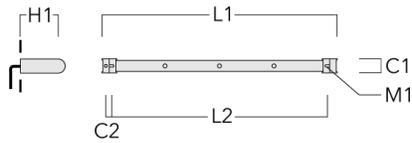


3 Mains outlets (L=45.28)	310-9202	3.00	1.20	7.90	0.5	13.00	45.28	41.14
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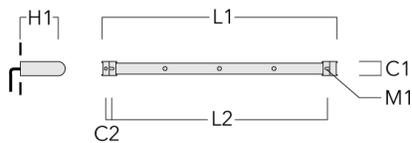


FLC131 LED RAIL66

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

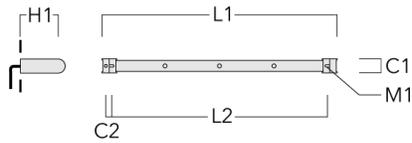


4 Mains outlets (L=64.69)	310-9212	3.00	1.18	7.90	5	13.00 lbs	64.69	60.83
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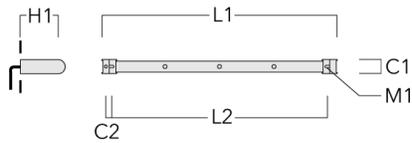


FLC131 LED RAIL66

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



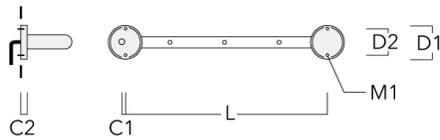
6 Mains outlets (L=84.65)	310-9222	3.00	1.18	7.90	0.5	18.76	84.65	80.51
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FLC131 LED RAIL66

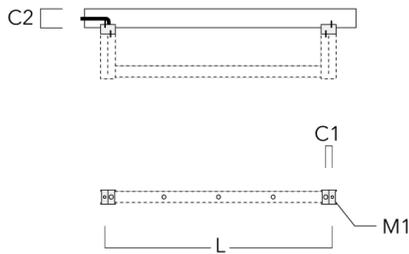
Flat Surface Fitters

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

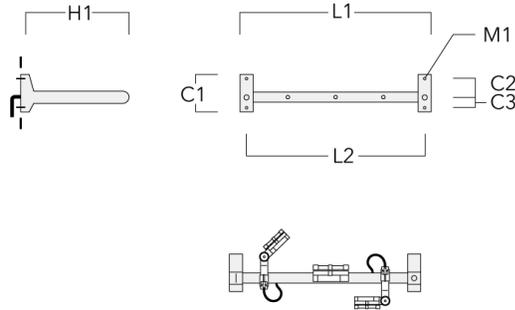
Description	Part ID	C1	C2	L	M1	Weight (lb)
Column Fitters (pair)	310-9294	1.20	4.00	43.9	.5	2.00



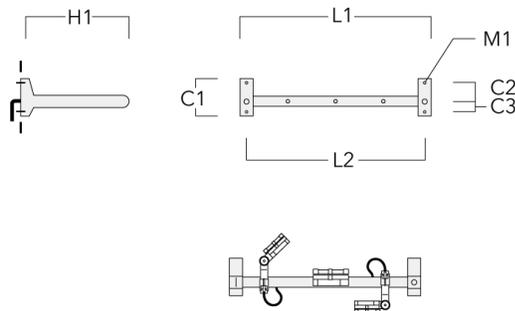
FLC131 LED RAIL66

Cantilever

Description	Part ID	C1	C2	C3	H1	M1	Weight(lb)	L1	L2
2 Mains outlets (L=45.28)	310-9230	8.66	4.72	2.36	23.62	0.51	26.46	45.28	42.13

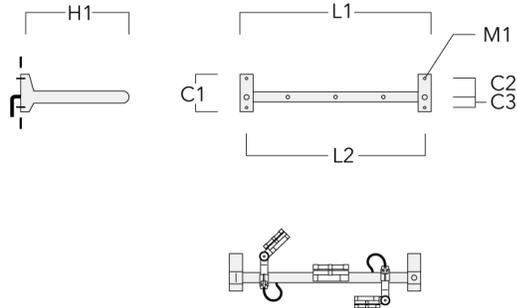


3 Mains outlets (L=45.28)	310-9232	8.66	4.72	2.36	23.62	0.51	26.46	45.28	42.13
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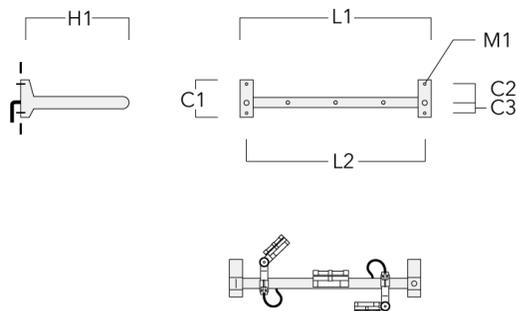


FLC131 LED RAIL66

Description	Part ID	C1	C2	C3	H1	M1	Weight (lb)	L1	L2
3 Mains outlets (L=64.69)	310-9240	8.66	4.72	2.36	23.62	0.51	29.32	64.96	61.81

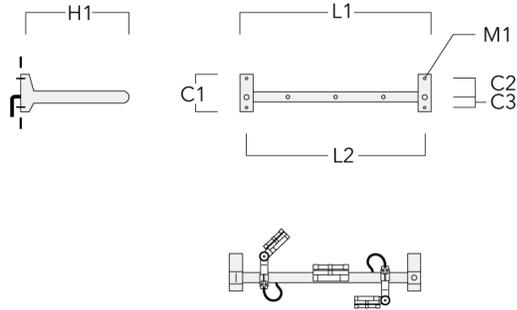


4 Mains outlets (L=64.69)	310-9242	8.66	4.72	2.36	23.62	0.51	29.32	64.96	61.81
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FLC131 LED RAIL66

Description	Part ID	C1	C2	C3	H1	M1	Weight (lb)	L1	L2
4 Mains outlets (L=84.65)	310-9250	8.66	4.72	2.36	23.62	0.51	32.19	84.65	81.49



6 Mains outlets (L=84.65)	310-9252	8.66	4.72	2.36	23.62	0.51	32.19	84.65	81.5
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