

**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.

Knuckle permits 350° horizontal and 90° vertical aiming of optics.

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)

**RAIL66**

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**Specifications****Material description**

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Body	Marine-grade die-cast aluminium alloy
Lens	Clear tempered glass lens
Colors	 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

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**Electrical description**

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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

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**Additional information**

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

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**Options**

**Light distribution**



symmetric, medium beam [M]



symmetric, very narrow beam, 'sharp cut-off' [VNS]



linear spread, very narrow beam, 'sharp cut-off'



symmetric, wide beam [W]



symmetric, very narrow beam [VN]



linear spread, very narrow beam [VN]



wallwash [A20]

**Color temperature**

**Nominal Watt**



3000 K



4000 K

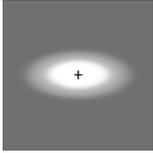
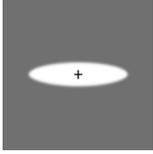
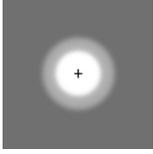
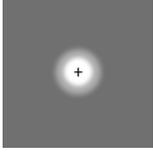
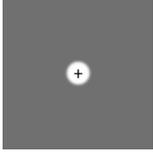
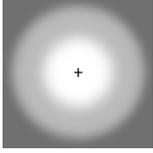


2700 K

16 W

**RAIL66**

**Configurations**

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
linear spread, very narrow beam [VN] 	145-0091+145-0050	LED-6/12W / 700 mA - 3000 K	1386.3	14.5 W	80	5.50
	145-0092+145-0050	LED-6/12W / 700 mA - 4000 K	1481.9	14.5 W	80	5.50
	145-0299+145-0050	LED-6/12W / 700 mA - 2700 K	1290.7	14.5 W	80	5.50
linear spread, very narrow beam, 'sharp cut-off' 	145-0046+145-0050	LED-6/12W / 700 mA - 3000 K	1526.2	14.5 W	80	5.50
	145-0047+145-0050	LED-6/12W / 700 mA - 4000 K	1631.5	14.5 W	80	5.50
	145-0300+146-0418	LED-6/12W / 700 mA - 2700 K	1421	14.5 W	80	5.50
symmetric, medium beam [M] 	145-0043	LED-6/12W / 700 mA - 3000 K	1511.8	14.5 W	80	5.50
	145-0044	LED-6/12W / 700 mA - 4000 K	1616.1	14.5 W	80	5.50
	145-0298	LED-6/12W / 700 mA - 2700 K	1407.5	14.5 W	80	5.50
symmetric, very narrow beam [VN] 	145-0091	LED-6/12W / 700 mA - 3000 K	1496.5	14.5 W	80	5.50
	145-0092	LED-6/12W / 700 mA - 4000 K	1599.7	14.5 W	80	5.50
	145-0299	LED-6/12W / 700 mA - 2700 K	1393.3	14.5 W	80	5.50
symmetric, very narrow beam, 'sharp cut-off' [VNS] 	145-0046	LED-6/12W / 700 mA - 3000 K	1610.7	14.5 W	80	5.50
	145-0047	LED-6/12W / 700 mA - 4000 K	1721.8	14.5 W	80	5.50
	145-0300	LED-6/12W / 700 mA - 2700 K	1499.6	14.5 W	80	5.50
symmetric, wide beam [W] 	145-0088	LED-6/12W / 700 mA - 3000 K	1347.1	14.5 W	80	5.50
	145-0089	LED-6/12W / 700 mA - 4000 K	1440	14.5 W	80	5.50
	145-0297	LED-6/12W / 700 mA - 2700 K	1254.2	14.5 W	80	5.50
wallwash [A20] 	145-0043+145-0145	LED-6/12W / 700 mA - 3000 K	1213	14.5 W	80	5.50
	145-0044+145-0145	LED-6/12W / 700 mA - 4000 K	1296.6	14.5 W	80	5.50
	145-0298+145-0145	LED-6/12W / 700 mA - 2700 K	1129.3	14.5 W	80	5.50

**WE-EF LIGHTING USA, LLC**

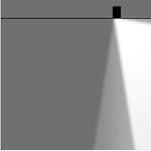
410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

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

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

**RAIL66**

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Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
						

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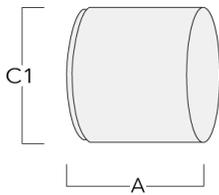
**Optical Accessories**

**Snoot**

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Description	Part ID	A	C1
Snoot ET	145-0030	2.36"	4.72"

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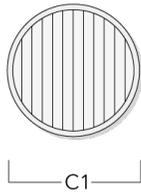
**RAIL66**

**Linear spread lens**

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Description	Part ID	C1
IO-180-FLC121-LED	145-0050	3.19"

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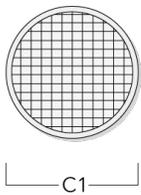
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**Softening Lens**

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Description	Part ID	C1
IO-360-FLC121-LED	145-0142	3.20

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**RAIL66**

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**Honeycomb louvre**

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Description	Part ID	C1
IW-FLC121-LED	145-0143	3.20

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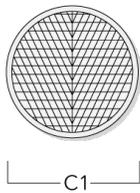
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**Wallwash lens**

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Description	Part ID	C1
IO-20-WW-FLC121-LED	145-0145	3.19"

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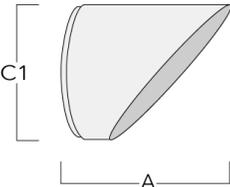
**RAIL66**

**Glare shield**

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Description	Part ID	A	C1
Glare shield ES	145-9192	4.02	4.69

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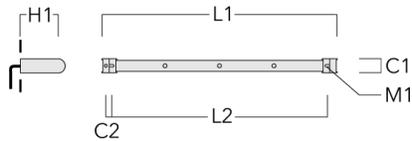


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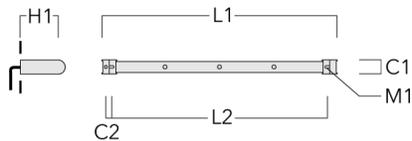
**Mounting Accessories**

**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

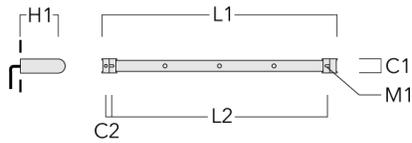


3 Mains outlets (L=45.28)	310-9202	3.00	1.20	7.90	0.5	13.00	45.28	41.14
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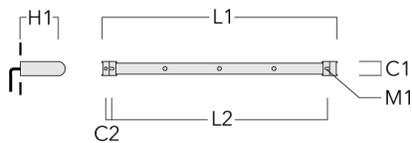


**RAIL66**

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

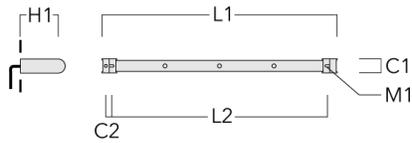


4 Mains outlets (L=64.69)	310-9212	3.00	1.18	7.90	5	13.00 lbs	64.69	60.83
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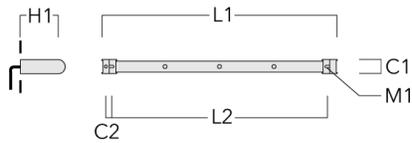


**RAIL66**

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



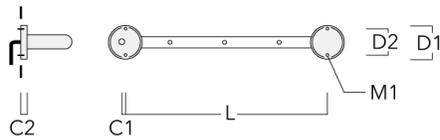
6 Mains outlets (L=84.65)	310-9222	3.00	1.18	7.90	0.5	18.76	84.65	80.51
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**RAIL66**

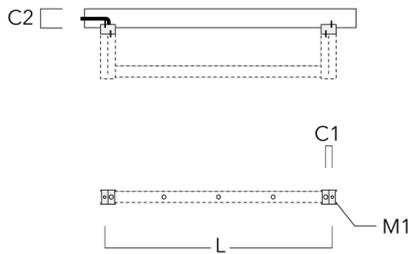
**Flat Surface Fitters**

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**

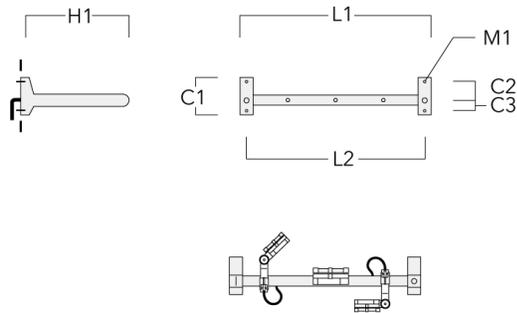
Description	Part ID	C1	C2	L	M1	Weight (lb)
Column Fitters (pair)	310-9294	1.20	4.00	43.9	.5	2.00



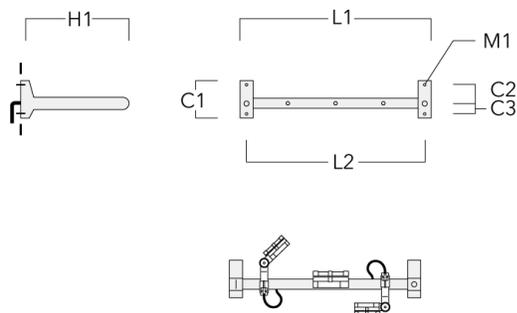
**RAIL66**

**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

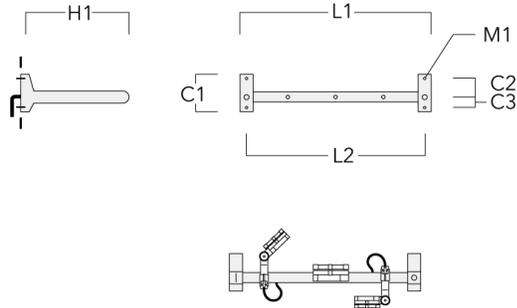


3 Mains outlets (L=45.28)	310-9232	8.66	4.72	2.36	23.62	0.51	26.46	45.28	42.13
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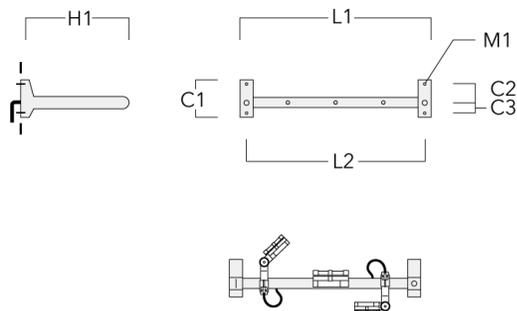


**RAIL66**

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

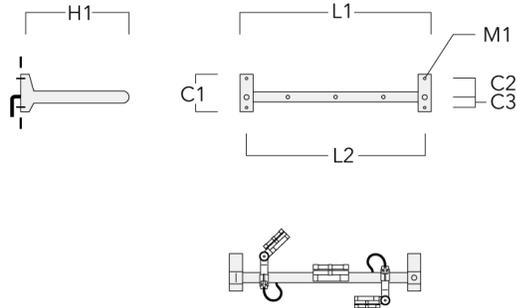


4 Mains outlets (L=64.69)	310-9242	8.66	4.72	2.36	23.62	0.51	29.32	64.96	61.81
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**RAIL66**

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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