

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.

RAIL66

Specifications**Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	 RAL9004 Black  RAL9007 Grey Metallic  RAL9016 White
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.107 ft ²

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.

Options

Light distribution



symmetric, wide beam [W]



symmetric, medium beam [M]



symmetric, narrow beam [N]



symmetric, very narrow beam [VN]



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



linear spread, very narrow beam [VN]



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



wallwash

Color temperature

Nominal Watt



2700 K



3000 K

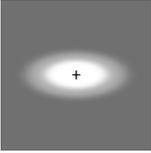
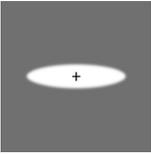
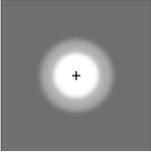
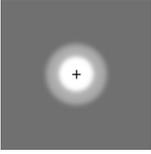
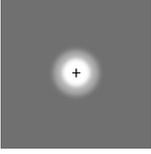
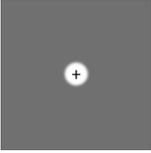


4000 K

0 W

RAIL66

Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
linear spread, very narrow beam [VN] 	145-7222+145-7229	LED-1/4W / 350 mA - 2700 K	384.7	5 W	80	1.20
	145-7223+145-7229	LED-1/4W / 350 mA - 3000 K	406.1	5 W	80	1.20
	145-7224+145-7229	LED-1/4W / 350 mA - 4000 K	439.2	5 W	80	1.20
linear spread, very narrow beam, 'sharp cut-off' 	145-7225+145-7229	LED-1/4W / 350 mA - 2700 K	343.5	5 W	80	1.20
	145-7226+145-7229	LED-1/4W / 350 mA - 3000 K	343.5	5 W	80	1.20
	145-7227+145-7229	LED-1/4W / 350 mA - 4000 K	369.9	5 W	80	1.20
symmetric, medium beam [M] 	145-7219	LED-1/4W / 350 mA - 2700 K	398.4	5 W	80	1.20
	145-7220	LED-1/4W / 350 mA - 3000 K	398.4	5 W	80	1.20
	145-7221	LED-1/4W / 350 mA - 4000 K	431	5 W	80	1.20
symmetric, narrow beam [N] 	145-7249	LED-1/4W / 350 mA - 2700 K	415.2	5 W	80	1.20
	145-7250	LED-1/4W / 350 mA - 3000 K	415.2	5 W	80	1.20
	145-7251	LED-1/4W / 350 mA - 4000 K	449.1	5 W	80	1.20
symmetric, very narrow beam [VN] 	145-7222	LED-1/4W / 350 mA - 2700 K	415.5	5 W	80	1.20
	145-7223	LED-1/4W / 350 mA - 3000 K	415.5	5 W	80	1.20
	145-7224	LED-1/4W / 350 mA - 4000 K	449.5	5 W	80	1.20
symmetric, very narrow beam, 'sharp cut-off' [VNS] 	145-7225	LED-1/4W / 350 mA - 2700 K	382.2	5 W	80	1.20
	145-7226	LED-1/4W / 350 mA - 3000 K	382.2	5 W	80	1.20
	145-7227	LED-1/4W / 350 mA - 4000 K	411.6	5 W	80	1.20
symmetric, wide beam [W] 	145-7216	LED-1/4W / 350 mA - 2700 K	379.1	5 W	80	1.20
	145-7217	LED-1/4W / 350 mA - 3000 K	379.1	5 W	80	1.20
	145-7218	LED-1/4W / 350 mA - 4000 K	410.1	5 W	80	1.20

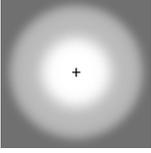
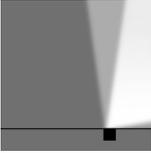
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Subject to technical changes and errors. - Generated on 02/27/2026

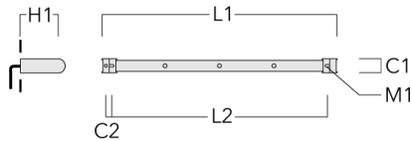
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Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
						
wallwash	145-7219+145-7230	LED-1/4W / 350 mA - 2700 K	331.7	5 W	80	1.20
	145-7220+145-7230	LED-1/4W / 350 mA - 3000 K	331.7	5 W	80	1.20
	145-7221+145-7230	LED-1/4W / 350 mA - 4000 K	358.8	5 W	80	1.20

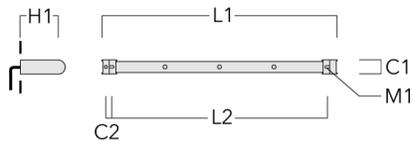
Mounting Accessories

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

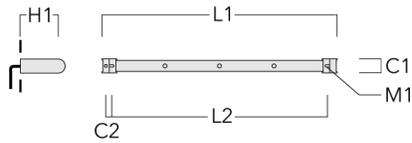


3 Mains outlets (L=45.28)	310-9202	3.00	1.20	7.90	0.5	13.00	45.28	41.14
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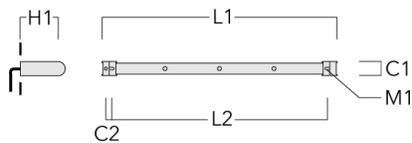


RAIL66

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

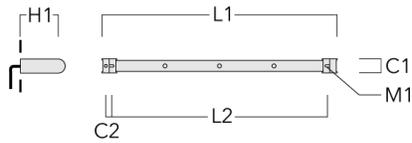


4 Mains outlets (L=64.69)	310-9212	3.00	1.18	7.90	5	13.00 lbs	64.69	60.83
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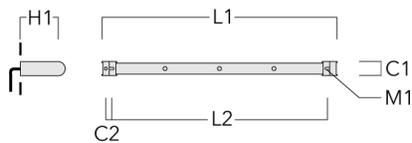


RAIL66

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



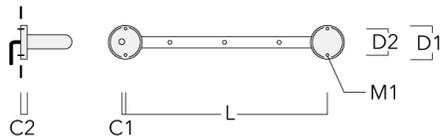
6 Mains outlets (L=84.65)	310-9222	3.00	1.18	7.90	0.5	18.76	84.65	80.51
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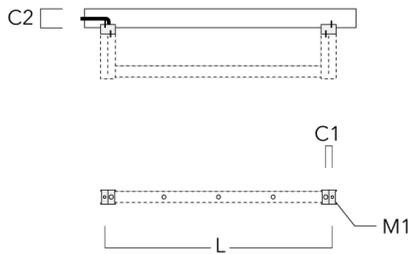
Flat Surface Fitters

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

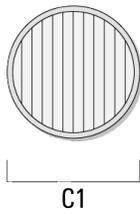
Description	Part ID	C1	C2	L	M1	Weight (lb)
Column Fitters (pair)	310-9294	1.20	4.00	43.9	.5	2.00



Optical Accessories

Linear spread lens

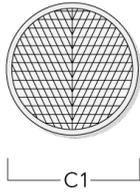
Description	Part ID	C1
Linear spread lens IO-180	145-7229	42.5



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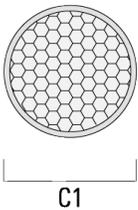
Wallwash lens

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



Honeycomb louvre

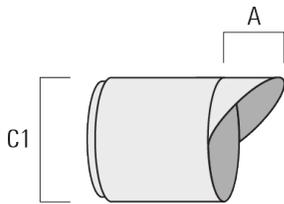
Description	Part ID	C1
Honeycomb louvre IW	145-7231	42.5



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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

