

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

6-12W / 120-277V / 0-10V Dimming.

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

Including terminal box, for mounting on \varnothing 1.89-2.36 in pipes or space frames.

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	IK08
Corrosion resistance	5CE
Windage	0.484 ft ²

Electrical description

Driver / Ballast	Integral [ECG] electronic driver 120V-277V.
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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, 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

0 W

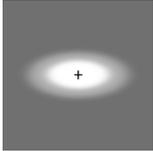
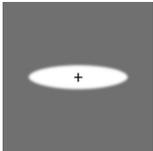
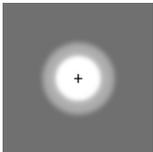
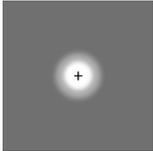


3000 K



4000 K

Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)	
linear spread, very narrow beam [VN] 	145-7762+145-7781	LED-3/6W / 180 mA - 2700 K	539.2	7.5 W	80	2.50	
	145-7763+145-7781	LED-3/9W / 250 mA - 2700 K	756.9	11 W	80	2.50	
	145-7764+145-7781	LED-3/12W / 350 mA - 2700 K	1016.1	13.9 W	80	2.50	
	145-7765+145-7781	LED-3/6W / 180 mA - 3000 K	539.2	7.5 W	80	2.50	
	145-7766+145-7781	LED-3/9W / 250 mA - 3000 K	756.9	11 W	80	2.50	
	145-7767+145-7781	LED-3/12W / 350 mA - 3000 K	1016.1	13.9 W	80	2.50	
	145-7768+145-7781	LED-3/6W / 180 mA - 4000 K	580.6	7.5 W	80	2.50	
	145-7769+145-7781	LED-3/9W / 250 mA - 4000 K	808.7	11 W	80	2.50	
	145-7770+145-7781	LED-3/12W / 350 mA - 4000 K	1099.1	13.9 W	80	2.50	
linear spread, very narrow beam, 'sharp cut-off' 	145-7771+145-7781	LED-3/6W / 180 mA - 2700 K	528.4	7.5 W	80	2.50	
	145-7772+145-7781	LED-3/9W / 250 mA - 2700 K	748.5	11 W	80	2.50	
	145-7773+145-7781	LED-3/12W / 350 mA - 2700 K	1001.7	13.9 W	80	2.50	
	145-7774+145-7781	LED-3/6W / 180 mA - 3000 K	528.4	7.5 W	80	2.50	
	145-7775+145-7781	LED-3/9W / 250 mA - 3000 K	748.5	11 W	80	2.50	
	145-7776+145-7781	LED-3/12W / 350 mA - 3000 K	1001.7	13.9 W	80	2.50	
	145-7777+145-7781	LED-3/6W / 180 mA - 4000 K	572.4	7.5 W	80	2.50	
	145-7778+145-7781	LED-3/9W / 250 mA - 4000 K	803.6	11 W	80	2.50	
	145-7779+145-7781	LED-3/12W / 350 mA - 4000 K	1078.8	13.9 W	80	2.50	
symmetric, medium beam [M] 	145-7753	LED-3/6W / 180 mA - 2700 K	600.4	7.5 W	80	2.50	
	145-7754	LED-3/9W / 250 mA - 2700 K	842.9	11 W	80	2.50	
	145-7755	LED-3/12W / 350 mA - 2700 K	1131.6	13.9 W	80	2.50	
	145-7756	LED-3/6W / 180 mA - 3000 K	600.4	7.5 W	80	2.50	
	145-7757	LED-3/9W / 250 mA - 3000 K	842.9	11 W	80	2.50	
	145-7758	LED-3/12W / 350 mA - 3000 K	1131.6	13.9 W	80	2.50	
	145-7759	LED-3/6W / 180 mA - 4000 K	646.6	7.5 W	80	2.50	
	145-7760	LED-3/9W / 250 mA - 4000 K	900.6	11 W	80	2.50	
	145-7761	LED-3/12W / 350 mA - 4000 K	1224	13.9 W	80	2.50	
	symmetric, very narrow beam [VN] 	145-7762	LED-3/6W / 180 mA - 2700 K	605.2	7.5 W	80	2.50
		145-7763	LED-3/9W / 250 mA - 2700 K	849.6	11 W	80	2.50
145-7764		LED-3/12W / 350 mA - 2700 K	1140.5	13.9 W	80	2.50	
145-7765		LED-3/6W / 180 mA - 3000 K	605.2	7.5 W	80	2.50	
145-7766		LED-3/9W / 250 mA - 3000 K	849.6	11 W	80	2.50	

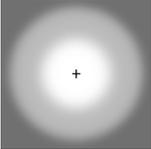
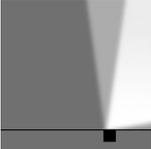
WE-EF LIGHTING USA, LLC

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Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)	
symmetric, very narrow beam, 'sharp cut-off' [VNS] 	145-7767	LED-3/12W / 350 mA - 3000 K	1140.5	13.9 W	80	2.50	
	145-7768	LED-3/6W / 180 mA - 4000 K	651.7	7.5 W	80	2.50	
	145-7769	LED-3/9W / 250 mA - 4000 K	907.8	11 W	80	2.50	
	145-7770	LED-3/12W / 350 mA - 4000 K	1233.6	13.9 W	80	2.50	
	145-7771	LED-3/6W / 180 mA - 2700 K	606.3	7.5 W	80	2.50	
	145-7772	LED-3/9W / 250 mA - 2700 K	858.9	11 W	80	2.50	
	145-7773	LED-3/12W / 350 mA - 2700 K	1149.4	13.9 W	80	2.50	
	145-7774	LED-3/6W / 180 mA - 3000 K	606.3	7.5 W	80	2.50	
	145-7775	LED-3/9W / 250 mA - 3000 K	858.9	11 W	80	2.50	
	145-7776	LED-3/12W / 350 mA - 3000 K	1149.4	13.9 W	80	2.50	
	145-7777	LED-3/6W / 180 mA - 4000 K	656.8	7.5 W	80	2.50	
	145-7778	LED-3/9W / 250 mA - 4000 K	922	11 W	80	2.50	
	145-7779	LED-3/12W / 350 mA - 4000 K	1237.8	13.9 W	80	2.50	
	symmetric, wide beam [W] 	145-7744	LED-3/6W / 180 mA - 2700 K	595.4	7.5 W	80	2.50
		145-7745	LED-3/9W / 250 mA - 2700 K	835.8	11 W	80	2.50
145-7746		LED-3/12W / 350 mA - 2700 K	1122.1	13.9 W	80	2.50	
145-7747		LED-3/6W / 180 mA - 3000 K	595.4	7.5 W	80	2.50	
145-7748		LED-3/9W / 250 mA - 3000 K	835.8	11 W	80	2.50	
145-7749		LED-3/12W / 350 mA - 3000 K	1122.1	13.9 W	80	2.50	
145-7750		LED-3/6W / 180 mA - 4000 K	641.2	7.5 W	80	2.50	
145-7751		LED-3/9W / 250 mA - 4000 K	893.1	11 W	80	2.50	
145-7752		LED-3/12W / 350 mA - 4000 K	1213.7	13.9 W	80	2.50	
wallwash 		145-7753+145-7782	LED-3/6W / 180 mA - 2700 K	408.7	7.5 W	80	2.50
	145-7754+145-7782	LED-3/9W / 250 mA - 2700 K	573.7	11 W	80	2.50	
	145-7755+145-7782	LED-3/12W / 350 mA - 2700 K	770.2	13.9 W	80	2.50	
	145-7756+145-7782	LED-3/6W / 180 mA - 3000 K	408.7	7.5 W	80	2.50	
	145-7757+145-7782	LED-3/9W / 250 mA - 3000 K	573.7	11 W	80	2.50	
	145-7758+145-7782	LED-3/12W / 350 mA - 3000 K	770.2	13.9 W	80	2.50	
	145-7759+145-7782	LED-3/6W / 180 mA - 4000 K	440.1	7.5 W	80	2.50	
	145-7760+145-7782	LED-3/9W / 250 mA - 4000 K	613	11 W	80	2.50	
	145-7761+145-7782	LED-3/12W / 350 mA - 4000 K	833.1	13.9 W	80	2.50	

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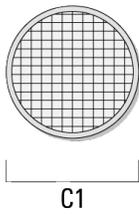
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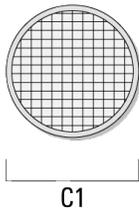
Optical Accessories

Softening Lens

Description	Part ID	C1
Flood lens IO-360 for [EE]	145-7786	59



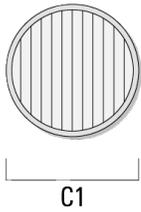
Flood lens IO-360 for [EES]	145-7780	59
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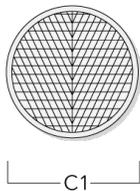
Linear spread lens

Description	Part ID	C1
Linear spread lens IO-180	145-7781	59



Wallwash lens

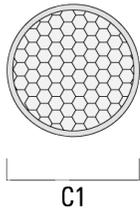
Description	Part ID	C1
Wallwash lens IO-20	145-7782	59



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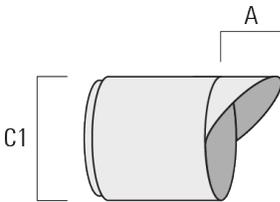
Honeycomb louvre

Description	Part ID	C1
Honeycomb louvre IW	145-7783	59



Glare shield

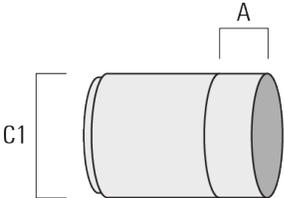
Description	Part ID	A	C1
Glare shield ES	145-7784	34	85



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Snoot

Description	Part ID	A	C1
Snoot ET	145-7785	34	85



Control

0-10 V, 24VDC low voltage version

Description	Part ID
24VDC low voltage version, 0-10 V	0033
