

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

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

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

6W / 24V DC / 0-10V Dimming. (available upon request)

Contact the factory for 277V or 347V options.

Floodlights

Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	 RAL9004 Black  RAL9007 Grey Metallic  RAL9016 White  RAL8019 Dark Bronze
Gasket	Silicone CCG [®] Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.269 ft ²

Electrical description

Power supply	120-277VAC/50-60 Hz (24V DC available upon request)
Driver / Ballast	Integral [ECG] electronic driver 120V-277V. (24VDC low voltage, available upon request)
Power factor	>0.9

Additional information

Lifetime	Ta=25°/40° L90B10 > 90000h
Dimming	0-10V Dimming as standard
Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.

Floodlights

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



2700 K



3000 K



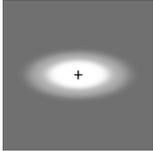
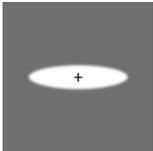
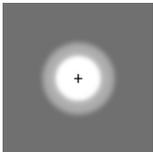
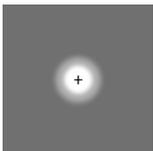
4000 K

Nominal Watt

0 W

Floodlights

Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
linear spread, very narrow beam [VN] 	145-7654+145-7781	LED-3/6W / 180 mA - 2700 K	539.2	7.5 W	80	2.20
	145-7655+145-7781	LED-3/9W / 250 mA - 2700 K	756.9	11 W	80	2.20
	145-7656+145-7781	LED-3/12W / 350 mA - 2700 K	1016.1	13.9 W	80	2.20
	145-7657+145-7781	LED-3/6W / 180 mA - 3000 K	539.2	7.5 W	80	2.20
	145-7658+145-7781	LED-3/9W / 250 mA - 3000 K	756.9	11 W	80	2.20
	145-7659+145-7781	LED-3/12W / 350 mA - 3000 K	1016.1	13.9 W	80	2.20
	145-7660+145-7781	LED-3/6W / 180 mA - 4000 K	580.6	7.5 W	80	2.20
	145-7661+145-7781	LED-3/9W / 250 mA - 4000 K	808.7	11 W	80	2.20
	145-7662+145-7781	LED-3/12W / 350 mA - 4000 K	1099.1	13.9 W	80	2.20
linear spread, very narrow beam, 'sharp cut-off' 	145-7663+145-7781	LED-3/6W / 180 mA - 2700 K	528.4	7.5 W	80	2.20
	145-7664+145-7781	LED-3/9W / 250 mA - 2700 K	748.5	11 W	80	2.20
	145-7665+145-7781	LED-3/12W / 350 mA - 2700 K	1001.7	13.9 W	80	2.20
	145-7666+145-7781	LED-3/6W / 180 mA - 3000 K	528.4	7.5 W	80	2.20
	145-7667+145-7781	LED-3/9W / 250 mA - 3000 K	748.5	11 W	80	2.20
	145-7668+145-7781	LED-3/12W / 350 mA - 3000 K	1001.7	13.9 W	80	2.20
	145-7669+145-7781	LED-3/6W / 180 mA - 4000 K	572.4	7.5 W	80	2.20
	145-7670+145-7781	LED-3/9W / 250 mA - 4000 K	803.6	11 W	80	2.20
	145-7671+145-7781	LED-3/12W / 350 mA - 4000 K	1078.8	13.9 W	80	2.20
symmetric, medium beam [M] 	145-7645	LED-3/6W / 180 mA - 2700 K	600.4	7.5 W	80	2.20
	145-7646	LED-3/9W / 250 mA - 2700 K	842.9	11 W	80	2.20
	145-7647	LED-3/12W / 350 mA - 2700 K	1131.6	13.9 W	80	2.20
	145-7648	LED-3/6W / 180 mA - 3000 K	600.4	7.5 W	80	2.20
	145-7649	LED-3/9W / 250 mA - 3000 K	842.9	11 W	80	2.20
	145-7650	LED-3/12W / 350 mA - 3000 K	1131.6	13.9 W	80	2.20
	145-7651	LED-3/6W / 180 mA - 4000 K	646.6	7.5 W	80	2.20
	145-7652	LED-3/9W / 250 mA - 4000 K	900.6	11 W	80	2.20
	145-7653	LED-3/12W / 350 mA - 4000 K	1224	13.9 W	80	2.20
	symmetric, very narrow beam [VN] 	145-7654	LED-3/6W / 180 mA - 2700 K	605.2	7.5 W	80
145-7655		LED-3/9W / 250 mA - 2700 K	849.6	11 W	80	2.20
145-7656		LED-3/12W / 350 mA - 2700 K	1140.5	13.9 W	80	2.20
145-7657		LED-3/6W / 180 mA - 3000 K	605.2	7.5 W	80	2.20
145-7658		LED-3/9W / 250 mA - 3000 K	849.6	11 W	80	2.20

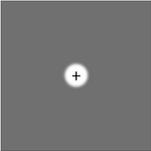
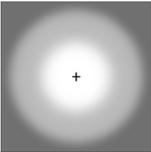
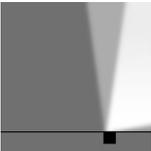
WE-EF LIGHTING USA, LLC

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

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Subject to technical changes and errors. - Generated on 03/24/2026

Floodlights

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
symmetric, very narrow beam, 'sharp cut-off' [VNS] 	145-7659	LED-3/12W / 350 mA - 3000 K	1140.5	13.9 W	80	2.20
	145-7660	LED-3/6W / 180 mA - 4000 K	651.7	7.5 W	80	2.20
	145-7661	LED-3/9W / 250 mA - 4000 K	907.8	11 W	80	2.20
	145-7662	LED-3/12W / 350 mA - 4000 K	1233.6	13.9 W	80	2.20
	145-7663	LED-3/6W / 180 mA - 2700 K	606.3	7.5 W	80	2.20
	145-7664	LED-3/9W / 250 mA - 2700 K	858.9	11 W	80	2.20
	145-7665	LED-3/12W / 350 mA - 2700 K	1149.4	13.9 W	80	2.20
	145-7666	LED-3/6W / 180 mA - 3000 K	606.3	7.5 W	80	2.20
	145-7667	LED-3/9W / 250 mA - 3000 K	858.9	11 W	80	2.20
	145-7668	LED-3/12W / 350 mA - 3000 K	1149.4	13.9 W	80	2.20
	145-7669	LED-3/6W / 180 mA - 4000 K	656.8	7.5 W	80	2.20
	145-7670	LED-3/9W / 250 mA - 4000 K	922	11 W	80	2.20
	145-7671	LED-3/12W / 350 mA - 4000 K	1237.8	13.9 W	80	2.20
	symmetric, wide beam [W] 	145-7636	LED-3/6W / 180 mA - 2700 K	595.4	7.5 W	80
145-7637		LED-3/9W / 250 mA - 2700 K	835.8	11 W	80	2.20
145-7638		LED-3/12W / 350 mA - 2700 K	1122.1	13.9 W	80	2.20
145-7639		LED-3/6W / 180 mA - 3000 K	595.4	7.5 W	80	2.20
145-7640		LED-3/9W / 250 mA - 3000 K	835.8	11 W	80	2.20
145-7641		LED-3/12W / 350 mA - 3000 K	1122.1	13.9 W	80	2.20
145-7642		LED-3/6W / 180 mA - 4000 K	641.2	7.5 W	80	2.20
145-7643		LED-3/9W / 250 mA - 4000 K	893.1	11 W	80	2.20
145-7644		LED-3/12W / 350 mA - 4000 K	1213.7	13.9 W	80	2.20
wallwash 		145-7645+145-7782	LED-3/6W / 180 mA - 2700 K	408.7	7.5 W	80
	145-7646+145-7782	LED-3/9W / 250 mA - 2700 K	573.7	11 W	80	2.20
	145-7647+145-7782	LED-3/12W / 350 mA - 2700 K	770.2	13.9 W	80	2.20
	145-7648+145-7782	LED-3/6W / 180 mA - 3000 K	408.7	7.5 W	80	2.20
	145-7649+145-7782	LED-3/9W / 250 mA - 3000 K	573.7	11 W	80	2.20
	145-7650+145-7782	LED-3/12W / 350 mA - 3000 K	770.2	13.9 W	80	2.20
	145-7651+145-7782	LED-3/6W / 180 mA - 4000 K	440.1	7.5 W	80	2.20
	145-7652+145-7782	LED-3/9W / 250 mA - 4000 K	613	11 W	80	2.20
	145-7653+145-7782	LED-3/12W / 350 mA - 4000 K	833.1	13.9 W	80	2.20

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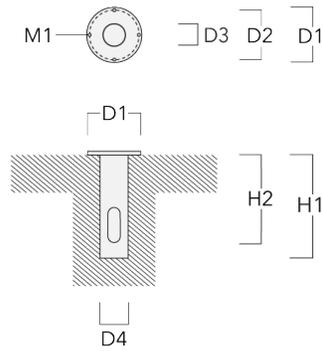
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Mounting Accessories

Planted root

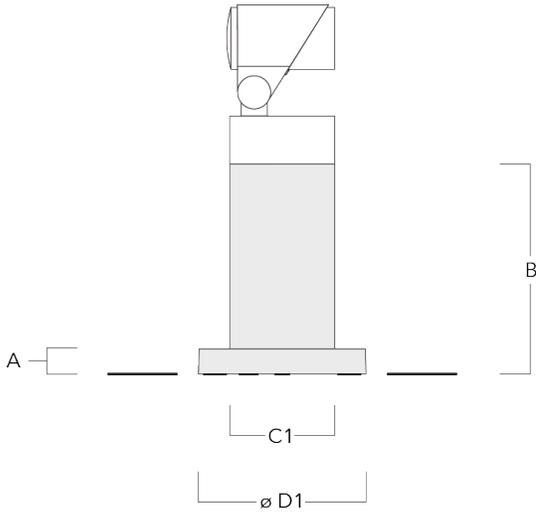
Description	Part ID	D1	D2	D3	D4	H1	H2	M1	Weight (lb)
Planted root ESV4	300-0461	5.71	5.12	4.01	4.25	15.75	13.78	.31	15.50



Floodlights

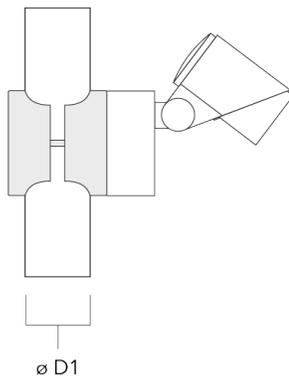
Short post EM

Description	Part ID	A	B	C1	D1	Weight (lb)
Short post EM1 for FLC311/321	146-7169	1.02	7.87	4.72	6.30	3.97



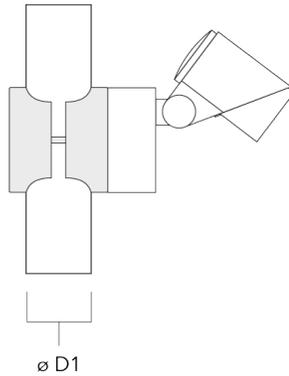
Pole clamp SP

Description	Part ID	D1	Weight (lb)
Pole clamp SP1-M5, single (Ø 38-60)	146-7201	38-60	1.20

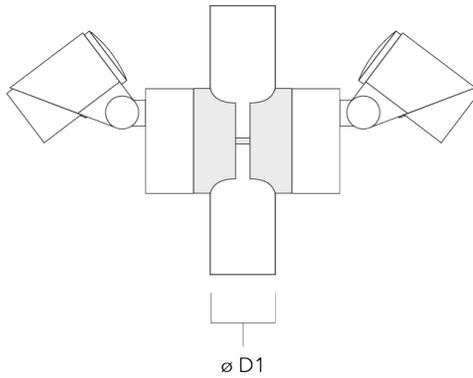


Floodlights

Description	Part ID	D1	Weight (lb)
Pole clamp SP1-M5, single (Ø 76-89)	146-7202	76-89	1.10

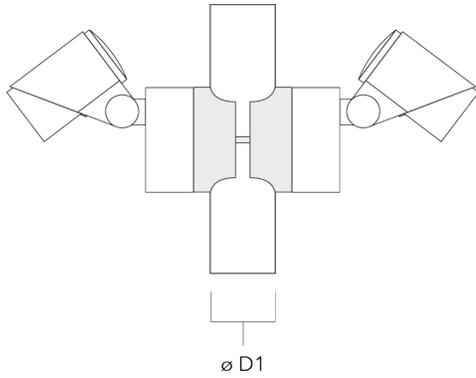


Pole clamp SP2-M5, double (Ø 38-60)	146-7203	38-60	1.30
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Floodlights

Description	Part ID	D1	Weight (lb)
Pole clamp SP2-M5, double (Ø 76-89)	146-7204	76-89	1.20



Floodlights

Control

DALI interface

Description	Part ID
Low voltage DALI interface	0026

0-10 V, 24VDC low voltage version

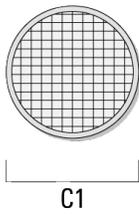
Description	Part ID
24VDC low voltage version, 0-10 V	0033

Floodlights

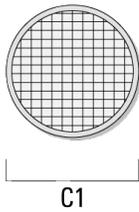
Optical Accessories

Softening Lens

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



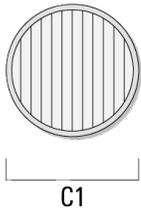
Flood lens IO-360 for [EES]	145-7780	59
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Floodlights

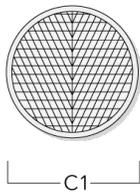
Linear spread lens

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



Wallwash lens

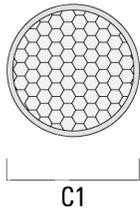
Description	Part ID	C1
Wallwash lens IO-20	145-7782	59



Floodlights

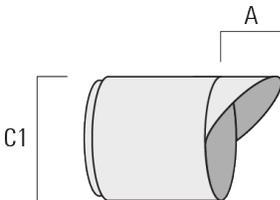
Honeycomb louvre

Description	Part ID	C1
Honeycomb louvre IW	145-7783	59



Glare shield

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



Floodlights

Snoot

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

