

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. 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. Luminaire is factory-sealed and does not need to be opened during installation.

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)

Floodlights

Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	<div> <div></div> RAL9004 Black </div> <div> <div></div> RAL9007 Grey Metallic </div> <div> <div></div> RAL9016 White </div> <div> <div></div> RAL8019 Dark Bronze </div>
Gasket	Silicone rubber gasket
Fasteners	PCS polymer coated stainless steel
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.041 m ²

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.

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, 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

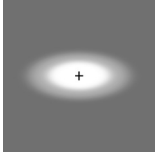
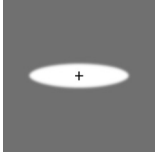


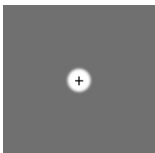
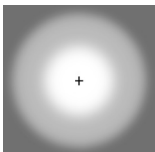
Color temperature

	3000 K
	4000 K
	2700 K

Nominal Watt

3 W

Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
linear spread, very narrow beam [VN] 	146-0497+146-0418	LED-12/24W / 700 mA - 3000 K	2744.2	27 W	80	5.50
	146-0498+146-0418	LED-12/24W / 700 mA - 4000 K	2933.4	27 W	80	5.50
	146-0951+146-0418	LED-12/24W / 700 mA - 2700 K	2554.9	27 W	80	5.51
linear spread, very narrow beam, 'sharp cut-off' 	146-0402+146-0418	LED-12/24W / 700 mA - 3000 K	2865.9	27 W	80	5.50
	146-0403+146-0418	LED-12/24W / 700 mA - 4000 K	3063.5	27 W	80	5.50
	146-0971+146-0418	LED-12/24W / 700 mA - 2700 K	2668.2	27 W	80	5.51
symmetric, medium beam [M] 	146-0399	LED-12/24W / 700 mA - 3000 K	2998.6	27 W	80	5.50
	146-0400	LED-12/24W / 700 mA - 4000 K	3205.4	27 W	80	5.50
	146-0922	LED-12/24W / 700 mA - 2700 K	2791.8	27 W	80	5.51
symmetric, very narrow beam [VN] 	146-0497	LED-12/24W / 700 mA - 3000 K	2883.7	27 W	80	5.50
	146-0498	LED-12/24W / 700 mA - 4000 K	3082.5	27 W	80	5.50
	146-0951	LED-12/24W / 700 mA - 2700 K	2684.8	27 W	80	5.51
symmetric, very narrow beam, 'sharp cut-off' [VNS] 	146-0402	LED-12/24W / 700 mA - 3000 K	3077.9	27 W	80	5.50
	146-0403	LED-12/24W / 700 mA - 4000 K	3290.2	27 W	80	5.50
	146-0971	LED-12/24W / 700 mA - 2700 K	2865.6	27 W	80	5.51
symmetric, wide beam [W] 	146-0494	LED-12/24W / 700 mA - 3000 K	2709.2	27 W	80	5.50
	146-0495	LED-12/24W / 700 mA - 4000 K	2896	27 W	80	5.50
	146-0796	LED-12/24W / 700 mA - 2700 K	2522.3	27 W	80	5.51
wallwash	146-0399+146-0645	LED-12/24W / 700 mA - 3000 K	2405.6	27 W	80	5.50
	146-0400+146-0645	LED-12/24W / 700 mA - 4000 K	2571.5	27 W	80	5.50
	146-0922+146-0645	LED-12/24W / 700 mA - 2700 K	2239.7	27 W	80	5.51


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 02/06/2026

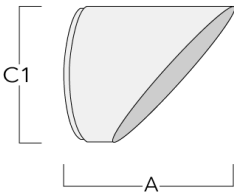
Floodlights

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

Optical Accessories

Glare shield

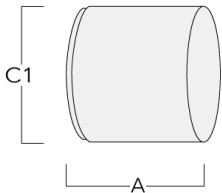
Description	Part ID	A	C1
Glare shield ES	146-0156	4.33	3.94



Floodlights

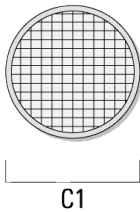
Snoot

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



Softening Lens

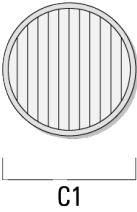
Description	Part ID	C1
IO-360	146-0623	4.33"



Floodlights

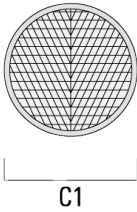
Linear spread lens

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



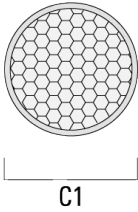
Wallwash lens

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



Honeycomb louvre

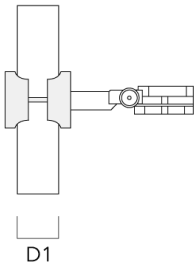
Description	Part ID	C1
IW-FLC131-LED	146-0625	4.33



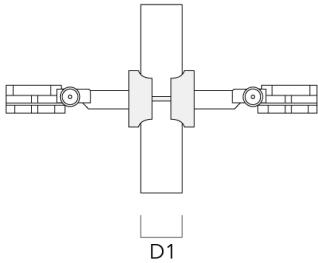
Mounting Accessories

Pipe clamp SP

Description	Part ID	D1	M1	Weight (lb)	D
SP1-2/M8 Pipe clamp, single (Ø 3"-3.5")	146-0246	3-3.5		1.20	76-89

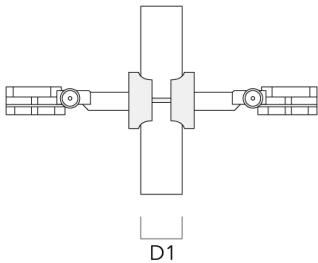


SP2-2/M8 Pipe clamp, double (Ø 1.5"-2.36")	146-0247	1.50"-2.36"	.35	2.20 lbs	38-66
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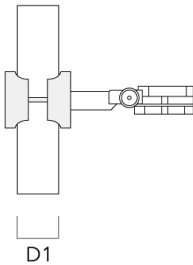


Floodlights

Description	Part ID	D1	M1	Weight (lb)	D
SP2-2/M8 Pipe clamp, double (Ø 3"-3.5")	146-0248	3.0"-3.5"		2.65 lbs	76-89

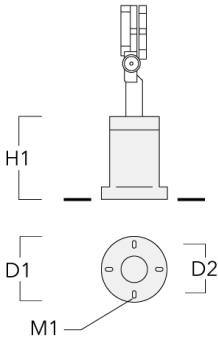


SP1-2/M8 Pipe clamp, single (Ø 1.5"-2.36")	146-0245	38-60	1	38-66	
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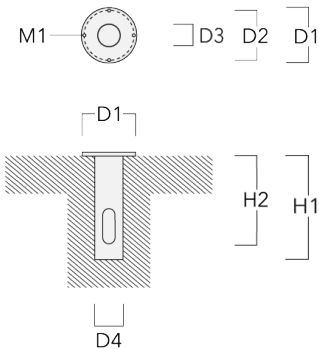
Short post EM

Description	Part ID	D1	D2	H1	M1	Weight (lb)
EM1-2/M8	146-0253	6.3	5.12	7.87	0.35	3.00



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



Junction box JB1

Description	Part ID	D1	D2	M1	Weight (lb)
JB1 Junction box	310-9000	5.31	2.64	0.35	3.53

