

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. Remote driver & cable (to length) ordered separately. CAD-optimized optics for superior illumination and glare control. OLC® One LED Concept. Factory-installed LED circuit board. Luminaire is factory-sealed and does not need to be opened during installation.

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)

Floodlights

Specifications
Material description

Body	Marine-grade die-cast aluminium alloy
Lens	Clear tempered 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 hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE

Electrical description







Power supply	120V-277V. 0-10V dimmable, to be specified with order. Ordered Separately
Driver / Ballast	Remote EC electronic converter (sold seperatly)

Additional information


Ambient Temperature	Ta less than 25 deg C
Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.

Options

Light distribution

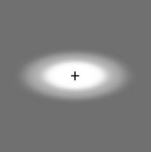
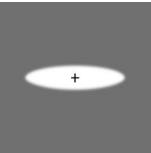


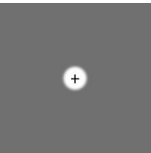
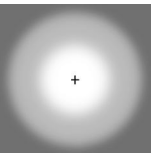
	symmetric, wide beam [W]
	symmetric, medium beam [M]
	symmetric, very narrow beam [VN]
	symmetric, very narrow beam, 'sharp cut-off' [VNS]
	linear spread, very narrow beam [VN]
	linear spread, very narrow beam, 'sharp cut-off'

Color temperature Nominal Watt

	3000 K	3 W
	4000 K	

Floodlights

Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
linear spread, very narrow beam [VN] 	146-0603+146-0418	LED-12/24W / 700 mA - 3000 K	2744.2	27 W	80	5.51
	146-0604+146-0418	LED-12/24W / 700 mA - 4000 K	2933.4	27 W	80	5.51
linear spread, very narrow beam, 'sharp cut-off' 	146-0606+146-0418	LED-12/24W / 700 mA - 3000 K	2865.9	27 W	80	5.51
	146-0607+146-0418	LED-12/24W / 700 mA - 4000 K	3063.5	27 W	80	5.51
symmetric, medium beam [M] 	146-0600	LED-12/24W / 700 mA - 3000 K	2998.6	27 W	80	5.51
	146-0601	LED-12/24W / 700 mA - 4000 K	3205.4	27 W	80	5.51
symmetric, very narrow beam [VN] 	146-0603	LED-12/24W / 700 mA - 3000 K	2883.7	27 W	80	5.51
	146-0604	LED-12/24W / 700 mA - 4000 K	3082.5	27 W	80	5.51
symmetric, very narrow beam, 'sharp cut-off' [VNS] 	146-0606	LED-12/24W / 700 mA - 3000 K	3077.9	27 W	80	5.51
	146-0607	LED-12/24W / 700 mA - 4000 K	3290.2	27 W	80	5.51
symmetric, wide beam [W] 	146-0597	LED-12/24W / 700 mA - 3000 K	2709.2	27 W	80	5.51
	146-0598	LED-12/24W / 700 mA - 4000 K	2896	27 W	80	5.51

WE-EF LIGHTING USA, LLC

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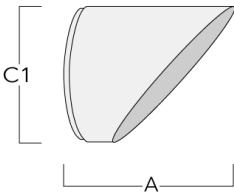
customersupport.usa@we-ef.com - <https://we-ef.com/us>

Subject to technical changes and errors. - Generated on 12/06/2025

Optical Accessories

Glare shield

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



Floodlights

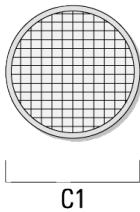
Snoot

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



Softening Lens

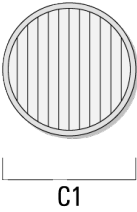
Description	Part ID	C1
IO-360	146-0623	4.33"



Floodlights

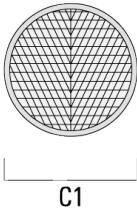
Linear spread lens

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



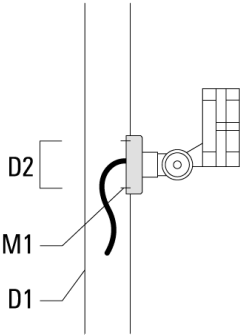
Mounting Accessories

Threaded Nipple

Description	Part ID	Weight (lb)
3/4 inch Threaded Nipple	145-6903	0.24
1/2 inch Threaded Nipple	145-6902	0.2

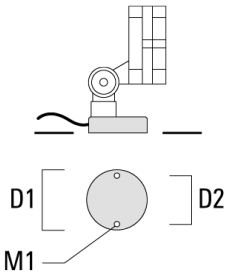
Flat surface and Column fitter

Description	Part ID	D1	D2	M1	Weight (lb)
Column fitter FLC100	145-9536	≥ 3.0	2.75	0.23	0.44 lbs



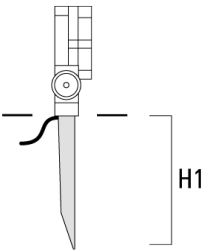
Floodlights

Description	Part ID	D1	D2	M1	Weight (lb)
Flat surface fitter FLC100	145-9535	3.93	3.34	0.25	0.44



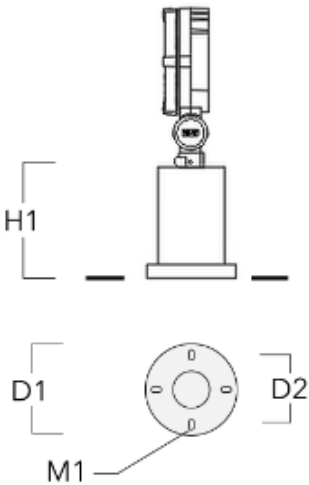
Ground spike EF

Description	Part ID	A	H1	Weight (lb)
Ground spike EF1	310-9102	10.63	10.62	2.64



Short post EM

Description	Part ID	D1	D2	H1	M1	Weight (lb)
EM1-2/M16	146-6950	6.3	5.12	7.87	0.35	3



Electrical Accessories

REMOTE Driver

Description	Part ID	Additional information
FLC131 REMOTE Driver (1-2 Luminaires)	146-6902	FLC131 IP67-Rated Driver (for 1-2 Luminaires)
FLC131 REMOTE Driver (For 3-4 Luminaires)	146-6903	FLC131 IP67-Rated Driver