

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. 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.

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	Safety glass lens
Colors	<div> <div></div> <div>RAL9004 Black</div> </div> <div> <div></div> <div>RAL9007 Grey Metallic</div> </div> <div> <div></div> <div>RAL9016 White</div> </div> <div> <div></div> <div>RAL8019 Dark Bronze</div> </div>
Gasket	Silicone rubber gasket
Fasteners	PCS polymer coated stainless steel
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.057 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
Surge protection	Integral 10kV Surge Protector

Additional information




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

Options

Light distribution

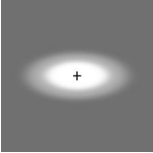
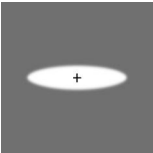


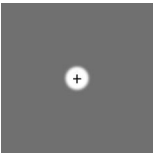
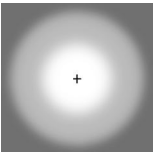
	symmetric, medium beam [M]
	symmetric, very narrow beam, 'sharp cut-off' [VNS]
	symmetric, wide beam [W]
	symmetric, very narrow beam [VN]
	linear spread, very narrow beam [VN]
	linear spread, very narrow beam, 'sharp cut-off'
	wallwash

Color temperature Nominal Watt

	3000 K	56 W
	4000K	
	2700 K	

Floodlights

Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
linear spread, very narrow beam [VN] 	146-0964+146-0439	LED-24/48W / 700 mA - 2700 K	5162.8	54 W	80	9.70
	146-7064+146-0439	LED-24/48W / 700 mA - 3000 K	5545.2	54 W	80	9.70
	146-7065+146-0439	LED-24/48W / 700 mA - 4000 K	5927.6	54 W	80	9.70
linear spread, very narrow beam, 'sharp cut-off' 	146-0872+146-0439	LED-24/48W / 700 mA - 2700 K	5683.9	54 W	80	9.70
	146-7052+146-0439	LED-24/48W / 700 mA - 3000 K	6104.9	54 W	80	9.70
	146-7053+146-0439	LED-24/48W / 700 mA - 4000 K	6526	54 W	80	9.70
symmetric, medium beam [M] 	146-0965	LED-24/48W / 700 mA - 2700 K	5630.1	54 W	80	9.70
	146-7050	LED-24/48W / 700 mA - 3000 K	6047.2	54 W	80	9.70
	146-7051	LED-24/48W / 700 mA - 4000 K	6464.2	54 W	80	9.70
symmetric, very narrow beam [VN] 	146-0964	LED-24/48W / 700 mA - 2700 K	5573.3	54 W	80	9.70
	146-7064	LED-24/48W / 700 mA - 3000 K	5986.1	54 W	80	9.70
	146-7065	LED-24/48W / 700 mA - 4000 K	6398.9	54 W	80	9.70
symmetric, very narrow beam, 'sharp cut-off' [VNS] 	146-0872	LED-24/48W / 700 mA - 2700 K	5998.4	54 W	80	9.70
	146-7052	LED-24/48W / 700 mA - 3000 K	6442.7	54 W	80	9.70
	146-7053	LED-24/48W / 700 mA - 4000 K	6887	54 W	80	9.70
symmetric, wide beam [W] 	146-0963	LED-24/48W / 700 mA - 2700 K	5016.9	54 W	80	9.70
	146-7062	LED-24/48W / 700 mA - 3000 K	5388.5	54 W	80	9.70
	146-7063	LED-24/48W / 700 mA - 4000 K	5760.1	54 W	80	9.70
wallwash	146-0965+146-0646	LED-24/48W / 700 mA - 2700 K	4517.3	54 W	80	9.70
	146-7050+146-0646	LED-24/48W / 700 mA - 3000 K	4851.9	54 W	80	9.70
	146-7051+146-0646	LED-24/48W / 700 mA - 4000 K	5186.6	54 W	80	9.70


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Subject to technical changes and errors. - Generated on 12/04/2025

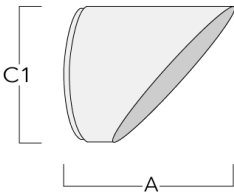
Floodlights

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

Optical Accessories

Glare shield

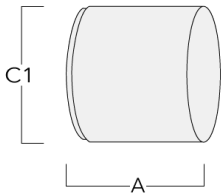
Description	Part ID	A	C1
Glare shield ES	146-0229	4.72	5.71



Floodlights

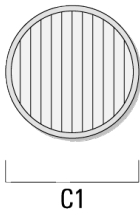
Snoot

Description	Part ID	A	C1
Snoot ET	146-0398	4.72	5.70



Linear spread lens

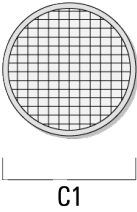
Description	Part ID	C1
IO-180-FLC141-LED	146-0439	5.70



Floodlights

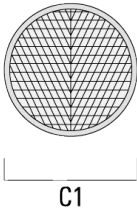
Softening Lens

Description	Part ID	C1
IO-360-FLC141-LED	146-0624	5.71



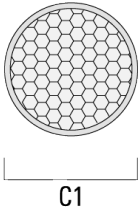
Wallwash lens

Description	Part ID	C1
IO-20-WW-FLC141-LED	146-0646	5.70



Honeycomb louvre

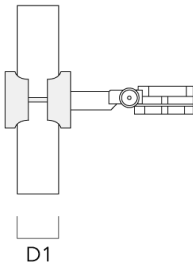
Description	Part ID	C1
IW-FLC141-LED	146-0626	5.70



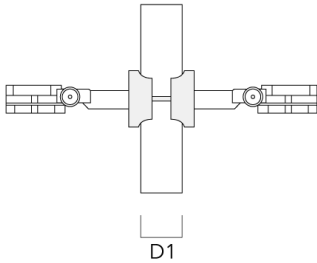
Mounting Accessories

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

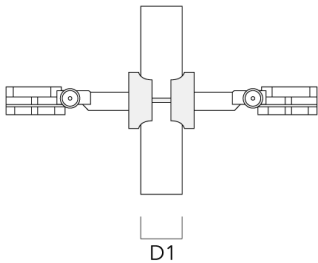


SP2-2/M8 Pipe clamp, double (Ø 1.5"-2.36")	146-0247	1.50"-2.36"	.35	2.20 lbs	38-66
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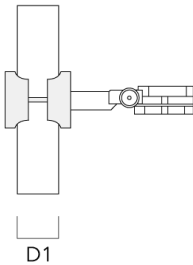


Floodlights

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

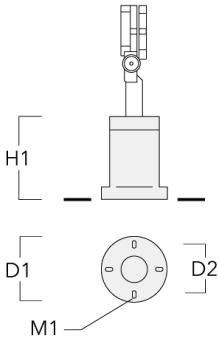


SP1-2/M8 Pipe clamp, single (Ø 1.5"-2.36")	146-0245	38-60	1	38-66
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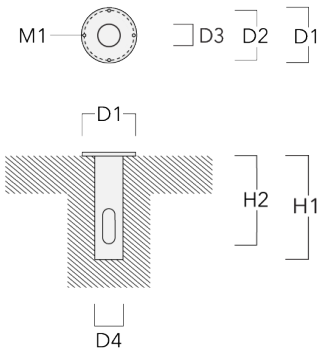
Short post EM

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

