

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	Clear tempered 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 hardware
Ingress protection	IP55
Impact resistance	IK07
Corrosion resistance	5CE

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]
	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

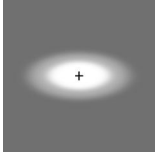
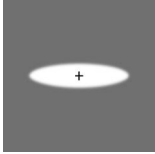

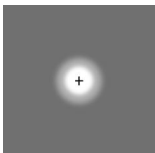
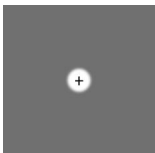
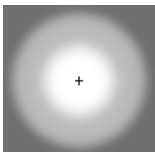
	3000 K
	4000 K
	2700 K

Nominal Watt

3 W

Floodlights

Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
linear spread, very narrow beam [VN] 	146-0515+146-0418	LED-12/24W / 700 mA - 3000 K	2744.2	27 W	80	9.90
	146-0516+146-0418	LED-12/24W / 700 mA - 4000 K	2933.4	27 W	80	9.90
	146-0974+146-0418	LED-12/24W / 700 mA - 2700 K	2554.9	27 W	80	9.90
linear spread, very narrow beam, 'sharp cut-off' 	146-0408+146-0418	LED-12/24W / 700 mA - 3000 K	2865.9	27 W	80	9.90
	146-0409+146-0418	LED-12/24W / 700 mA - 4000 K	3063.5	27 W	80	9.90
	146-0975+146-0418	LED-12/24W / 700 mA - 2700 K	2668.2	27 W	80	9.90
symmetric, medium beam [M] 	146-0405	LED-12/24W / 700 mA - 3000 K	2998.6	27 W	80	9.90
	146-0406	LED-12/24W / 700 mA - 4000 K	3205.4	27 W	80	9.90
	146-0973	LED-12/24W / 700 mA - 2700 K	2791.8	27 W	80	9.90
symmetric, very narrow beam [VN] 	146-0515	LED-12/24W / 700 mA - 3000 K	2883.7	27 W	80	9.90
	146-0516	LED-12/24W / 700 mA - 4000 K	3082.5	27 W	80	9.90
	146-0974	LED-12/24W / 700 mA - 2700 K	2684.8	27 W	80	9.90
symmetric, very narrow beam, 'sharp cut-off' [VNS] 	146-0408	LED-12/24W / 700 mA - 3000 K	3077.9	27 W	80	9.90
	146-0409	LED-12/24W / 700 mA - 4000 K	3290.2	27 W	80	9.90
	146-0975	LED-12/24W / 700 mA - 2700 K	2865.6	27 W	80	9.90
symmetric, wide beam [W] 	146-0512	LED-12/24W / 700 mA - 3000 K	2709.2	27 W	80	9.90
	146-0513	LED-12/24W / 700 mA - 4000 K	2896	27 W	80	9.90
	146-0972	LED-12/24W / 700 mA - 2700 K	2522.3	27 W	80	9.90
wallwash	146-0405+146-0645	LED-12/24W / 700 mA - 3000 K	2405.6	27 W	80	9.90
	146-0406+146-0645	LED-12/24W / 700 mA - 4000 K	2571.5	27 W	80	9.90
	146-0973+146-0645	LED-12/24W / 700 mA - 2700 K	2239.7	27 W	80	9.90


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

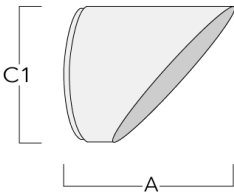
Floodlights

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

Optical Accessories

Glare shield

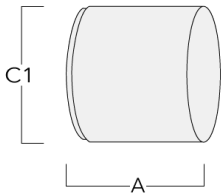
Description	Part ID	A	C1
Glare shield ES	146-0156	4.33	3.94



Floodlights

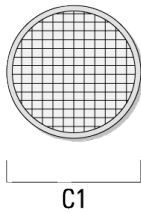
Snoot

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



Softening Lens

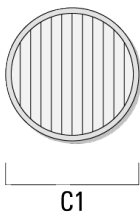
Description	Part ID	C1
IO-360	146-0623	4.33"



Floodlights

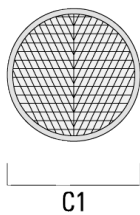
Linear spread lens

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

