

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. One cable gland, second gland for through wiring on request. CAD-optimized optics for superior illumination and glare control. Integral driver, thermally separated. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming on request.

A maximum of one internal optical accessory.

Optional 2200K version available, except [VNS] version, to be specified at time of order.

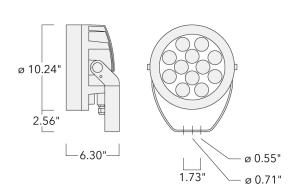
Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately.

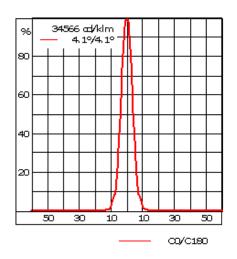
Example: XXX-XXXX-9004 (Black)

+ XXX-XXXX (Accessory 1)

Weight	16.76 lb
Light distribution	linear spread, very narrow beam [VN]
Light source	LED-12/24W / 700 mA - 2700 K
CRI	80
Power supply	electronic gear
LEDs	24
Rated input power	54 W
Nominal Lumen (lm)	
LED Lumen	270
Total Lumen	6480
Tj	85
Delivered lumens (lm)	
LED Lumen	207.2
Total Lumen	4971.9
Та	25







Specifications Material description

Body Marine-grade, die-cast aluminium alloy

Lens Safety glass lens

Colors RAL9004 Black

RAL9007 Grey Metallic

10 (E7007 Grey Wiete

RAL9016 White

RAL8019 Dark Bronze

Gasket Silicone CCG® Controlled Compression Gasket

Fasteners PCS Polymer Coated Stainless Steel Hardware

Ingress protection IP66
Impact resistance IK07

Corrosion resistance 5CE superior corrosion protection system

Windage 0.684



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

Power factor > 0.9

Surge protection Integral 10kV Surge Protector

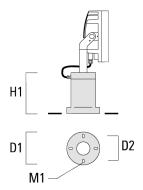
Additional information

Lifetime	Ta=25°/40° L90B10 > 90000h
Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations. Meets ANSI C136.31 - 3G Vibration
	Rating for Bridge and Overpass Applications.

Mounting Accessories

Short post EM

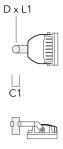
Description	Part ID	D1	D2	H1	M1	Weight (lb)
EM1-M16 AL - Single Cable Entry	270-9038	6.3	5.12	7.87"	0.35"	4.85 lbs



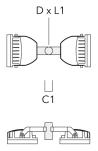


Floodlight mounting bracket TA

Description	Part ID	А	C1	D × L1	L	Weight (lb)	$D \times S$
TA1 Mounting bracket, single (Ø 4.25	147-0096		5.12	4.25 x 8	4.25	16.53	108 x 200
x 8)							

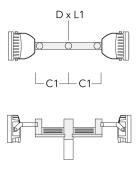


TA2 Mounting bracket, double (Ø	147-0097	5.12	4.25 x 8	4.25	16.53	108 x 200
4.25 x 8)						

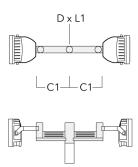




Description	Part ID	А	C1	D × L1	L	Weight (lb)	D × S
TA2-L Mounting bracket, double (Ø	147-0148	±90°	16.54	4.25 x 8	4.25	44.53	108 x 200
4.25 x 8)							

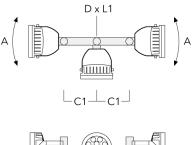


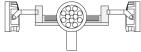
TA2-L Mounting bracket, double (Ø 3	147-0105	±90°	16.54	3 x 8	2.99	35.49	76 x 200
x 8)							



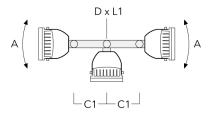


Description	Part ID	Α	C1	D × L1	L	Weight (lb)	D × S
TA3 Mounting bracket, triple (Ø 3.50	147-0025	±90°	25.59	3.50 x 8	3.5	39.46	89 x 200
x 8)							





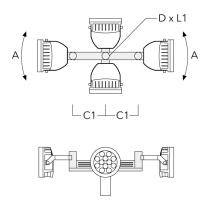
TA3 Mounting bracket, triple (Ø 4.25 147-0098 ±90° 25.59" 4.25 x 8 53.35 lbs 108 x 200 x 8)



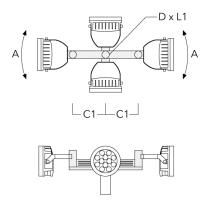




Description	Part ID	Α	C1	D × L1	L	Weight (lb)	D×S
TA4 Mounting bracket, quad (Ø 3.50	147-0099	±90°	25.59	3.50 x 8		45.86 lbs	89 x 200
x 8)							

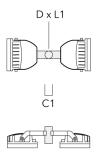


TA4 Mounting bracket, quad (Ø 4.25	147-0100	±90° 25.59	4.25 x 8	53.00	108 x 200
x 8)					

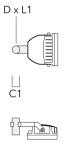




Description	Part ID	Α	C1	D × L1	L	Weight (lb)	$D \times S$
TA2 Mounting bracket, double (Ø 3 x	147-0024		5.12	3 x 8	2.99	4.2 lbs	76 x 200
8)							



TA1 Mounting bracket, single (Ø 3 x	147-0023	5.12	3 x 8	2.99 4.19	76 x 200
8)					

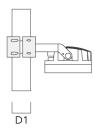




Pole clamp TS

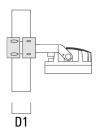
Description	Part ID	D1	Weight (lb)	D
TS1-2/M12 Pole clamp, single (Ø	147-0526	4.0-4.50	3.53	102-114
4.0"-4.5")				





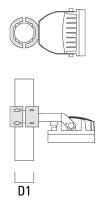
TS1-2/M12 Pole clamp, single (Ø	147-0544	114-133	3.75	114-133
4.5"-5.25")				



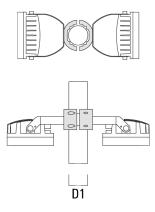




Description	Part ID	D1	Weight (lb)	D
TS1-2/M12 Pole clamp, single (Ø	147-0543	3.0-3.50	3.31	76-89
3"-3.5")				

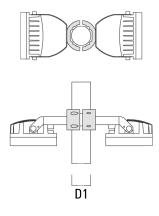


TS2-2/M12 Pole clamp, double (Ø	147-0545	3.0"-3.5"	3.09 lbs	76-89
3"-3.5")				



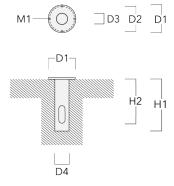


Description	Part ID	D1	Weight (lb)	D
TS2-2/M16 Pole clamp, double (Ø	147-0546	4.50-5.25	3.53	114-133
4.5"-5.25")				



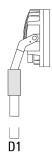
Planted root

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	15.54

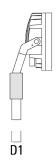


Pole top caps KF

Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-60/M16 Spigot Cap (Ø 2.36")	310-9120	2.36	2.36 x 4	4.4 lbs	60 x 100

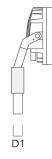


KF16-76/M16 Spigot Cap (Ø 3.0")	310-9121	3	3 x 4	1.10 lbs	76 x 100

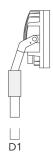




Description	Part ID	D1	D × L1	Weight (lb))
KF16-89/M16 Spigot Cap (Ø 3.5")	300-0734	3.50	3.5 x 3	1.10 lbs	9



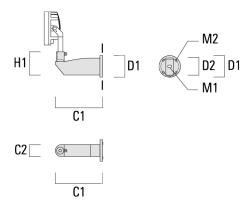
KF16-108/M16 Spigot Cap (Ø 4.25") 300-0735 4.25 4.25 x 3 4.4 lbs 108





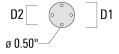
Wall Mount Bracket WMB

Description	Part ID	C1	C2	D1	D2	H1	M1	M2	Weight (lb)
WMB200 Wall mount bracket	147-6015	20.28	4.72	9.25	7.88	11.34	1.05	0.47	20.0 lbs



Surface Mount Canopy SMC

Description	Part ID	D1	D2	Weight (lb)
SMC-200	147-6915	10.83	9.25	15.4 lbs

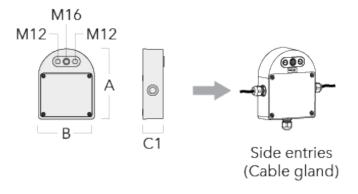


we-ef

FLC230 LED

Junction box

Description	Part ID	Additional information	Α	В	C1	Weight (lb)
Junction box JB20 - Cable side entries	310-9013	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with cable glands.	7.09	5.63	2.01	2.25

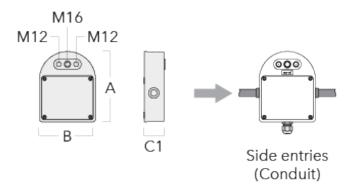


Junction box JB20 - Conduit side entries

310-9014

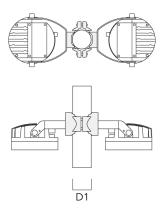
Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with conduits.

7.09 5.63 2.01 2.25

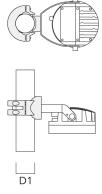


Pole clamp PC

Description	Part ID	D1	Weight (lb)
PC2 76-89/60 Pole clamp, double (Ø	139-2703	3.0-3.50	2.20
3"-3.5")			

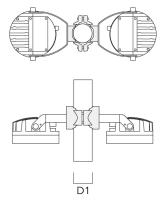


PC1 76-89/60 Pole clamp, single (Ø 139-2702 3.0-3.50 2.20 3"-3.5")

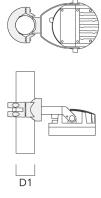




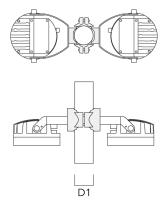
Description	Part ID	D1	Weight (lb)
PC2 102-114/60 Pole clamp, double	139-2707	4.0-4.50	2.65
(Ø 4"-4.5")			



PC1 102-114/60 Pole clamp, single 139-2706 4.0-4.50 2.65 (Ø 4"-4,5")



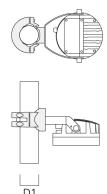
Description	Part ID	D1	Weight (lb)
PC2 114-133/60 Pole clamp, double	139-2709	4.5-5.25	3.10
(Ø 4.5"-5.25")			



PC1 114-133/60 Pole clamp, single (Ø 4.5"-5.25")

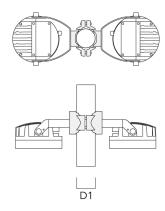
139-2708

4.5-5.25 3.10





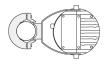
Description	Part ID	D1	Weight (lb)
PC2 82-109/60 Pole clamp, double	139-2705	3.20-4.30	2.40
(Ø 3.25"-4.25")			

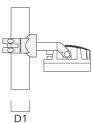


PC1 82-109/60 Pole camp, single (Ø 3.25"-4.3")

139-2704

3.20-4.30 2.40





Optical Accessories

Linear spread lens

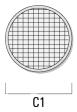
Description	Part ID	C1
IO-180-FLC230-LED	139-1849	7.83





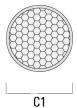
Softening Lens

Description	Part ID	C1
IO-360-FLC230-LED	139-1850	7.83



Honeycomb louvre

cription Part ID	C1
FLC230-LED 139-1851	7.83



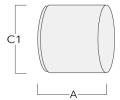


Glare shield

Description	Part ID	А	C1
ES-FLC230-LED	139-1852	6.26	10.47



Snoot





Wallwash lens

Description	Part ID	C1
IO-20-FLC230-LED	139-1848	7.83

