

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)

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Specifications**Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	 RAL9004 Black  RAL9007 Grey Metallic  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
Windage	1.176

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.

FLC240 LED

Floodlights

Options

Light distribution



symmetric, medium beam [M]



symmetric, narrow beam [N]



symmetric, very narrow beam [VN]



symmetric, wide beam [W]



linear spread, very narrow beam [VN]



wallwash



symmetric, very narrow beam, 'sharp cut-off' [VNS]

Color temperature



3000 K



4000 K



2700 K

Nominal Watt

0 W

72 W

96 W

127 W

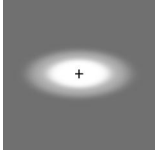
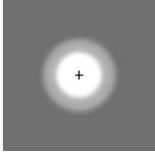
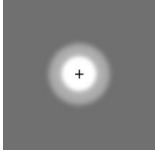

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Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)	
linear spread, very narrow beam [VN] 	139-1816+139-1855	LED-24/48W / 700 mA - 3000 K	5947.8	54 W	80	27.80	
	139-1817+139-1855	LED-24/48W / 700 mA - 4000 K	6358	54 W	80	27.80	
	139-1822+139-1855	LED-24/72W / 1050 mA - 3000 K	8819.2	81 W	80	27.80	
	139-1823+139-1855	LED-24/72W / 1050 mA - 4000 K	9229.4	81 W	80	27.80	
	139-1828+139-1855	LED-24/104W / 1400 mA - 3000 K	10850.7	112 W	80	27.80	
	139-1829+139-1855	LED-24/104W / 1400 mA - 4000 K	11343.9	112 W	80	27.80	
	139-2265+139-1855	LED-24/48W / 700 mA - 2700 K	5537.7	54 W	80	27.80	
	139-2272+139-1855	LED-24/72W / 1050 mA - 2700 K	8409	81 W	80	27.80	
	139-2278+139-1855	LED-24/104W / 1400 mA - 2700 K	10258.8	112 W	80	27.80	
symmetric, medium beam [M] 	139-1812	LED-24/48W / 700 mA - 3000 K	6304.7	54 W	80	27.80	
	139-1813	LED-24/48W / 700 mA - 4000 K	6739.5	54 W	80	27.80	
	139-1818	LED-24/72W / 1050 mA - 3000 K	9348.3	81 W	80	27.80	
	139-1819	LED-24/72W / 1050 mA - 4000 K	9783.1	81 W	80	27.80	
	139-1824	LED-24/104W / 1400 mA - 3000 K	11497.6	112 W	80	27.80	
	139-1825	LED-24/104W / 1400 mA - 4000 K	12020.2	112 W	80	27.80	
	139-2152	LED-24/72W / 1050 mA - 2700 K	8913.5	81 W	80	27.80	
	139-2228	LED-24/104W / 1400 mA - 2700 K	10870.4	112 W	80	27.80	
	139-2252	LED-24/48W / 700 mA - 2700 K	5869.9	54 W	80	27.80	
	symmetric, narrow beam [N] 	139-1814	LED-24/48W / 700 mA - 3000 K	5931	54 W	80	27.80
		139-1815	LED-24/48W / 700 mA - 4000 K	6340.1	54 W	80	27.80
139-1820		LED-24/72W / 1050 mA - 3000 K	8794.3	81 W	80	27.80	
139-1821		LED-24/72W / 1050 mA - 4000 K	9203.3	81 W	80	27.80	
139-1826		LED-24/104W / 1400 mA - 3000 K	10824.4	112 W	80	27.80	
139-1827		LED-24/104W / 1400 mA - 4000 K	11316.5	112 W	80	27.80	
139-2229		LED-24/104W / 1400 mA - 2700 K	10234	112 W	80	27.80	
139-2250		LED-24/72W / 1050 mA - 2700 K	8385.2	81 W	80	27.80	
139-2253		LED-24/48W / 700 mA - 2700 K	5522	54 W	80	27.80	
symmetric, very narrow beam [VN] 		139-1816	LED-24/48W / 700 mA - 3000 K	6241	54 W	80	27.80
	139-1817	LED-24/48W / 700 mA - 4000 K	6671.5	54 W	80	27.80	
	139-1822	LED-24/72W / 1050 mA - 3000 K	9254	81 W	80	27.80	
	139-1823	LED-24/72W / 1050 mA - 4000 K	9684.4	81 W	80	27.80	
	139-1828	LED-24/104W / 1400 mA - 3000 K	11600.1	112 W	80	27.80	

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Floodlights

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (lb)
	139-1829	LED-24/104W / 1400 mA - 4000 K	12127.4	112 W	80	27.80
	139-2265	LED-24/48W / 700 mA - 2700 K	5810.6	54 W	80	27.80
	139-2272	LED-24/72W / 1050 mA - 2700 K	8823.6	81 W	80	27.80
	139-2278	LED-24/104W / 1400 mA - 2700 K	10967.4	112 W	80	27.80
symmetric, very narrow beam, 'sharp cut-off' [VNS]	139-3137	LED-48/72W / 500 mA - 2700 K	6498.9	77 W	80	12.60
	139-3138	LED-48/72W / 500 mA - 3000 K	6947.1	77 W	80	12.60
	139-3139	LED-48/72W / 500 mA - 4000 K	6947.1	77 W	80	12.60
	139-3141	LED-48/96W / 700 mA - 2700 K	8515.8	105.5 W	80	12.60
	139-3142	LED-48/96W / 700 mA - 3000 K	9188.2	105.5 W	80	12.60
	139-3143	LED-48/96W / 700 mA - 4000 K	9188.2	105.5 W	80	12.60
	139-3145	LED-48/127W / 900 mA - 2700 K	10308.7	139 W	80	12.60
	139-3146	LED-48/127W / 900 mA - 3000 K	10981	139 W	80	12.60
	139-3147	LED-48/127W / 900 mA - 4000 K	10981	139 W	80	12.60
	symmetric, wide beam [W]	139-1921	LED-24/48W / 700 mA - 3000 K	5981.4	54 W	80
139-1922		LED-24/48W / 700 mA - 4000 K	6393.9	54 W	80	27.80
139-1923		LED-24/72W / 1050 mA - 3000 K	8869	81 W	80	27.80
139-1924		LED-24/72W / 1050 mA - 4000 K	9281.5	81 W	80	27.80
139-1925		LED-24/104W / 1400 mA - 3000 K	10960.8	112 W	80	27.80
139-1926		LED-24/104W / 1400 mA - 4000 K	11459	112 W	80	27.80
139-2227		LED-24/104W / 1400 mA - 2700 K	10362.9	112 W	80	27.80
139-2249		LED-24/72W / 1050 mA - 2700 K	8456.5	81 W	80	27.80
139-2251		LED-24/48W / 700 mA - 2700 K	5568.9	54 W	80	27.80
wallwash		139-1812+139-1854	LED-24/48W / 700 mA - 3000 K	5235.8	54 W	80
	139-1813+139-1854	LED-24/48W / 700 mA - 4000 K	5596.9	54 W	80	27.80
	139-1818+139-1854	LED-24/72W / 1050 mA - 3000 K	7763.5	81 W	80	27.80
	139-1819+139-1854	LED-24/72W / 1050 mA - 4000 K	8124.5	81 W	80	27.80
	139-1824+139-1854	LED-24/104W / 1400 mA - 3000 K	9548.2	112 W	80	27.80
	139-1825+139-1854	LED-24/104W / 1400 mA - 4000 K	9982.2	112 W	80	27.80
	139-2152+139-1854	LED-24/72W / 1050 mA - 2700 K	7402.4	81 W	80	27.80
	139-2228+139-1854	LED-24/104W / 1400 mA - 2700 K	9027.4	112 W	80	27.80
	139-2252+139-1854	LED-24/48W / 700 mA - 2700 K	4874.7	54 W	80	27.80

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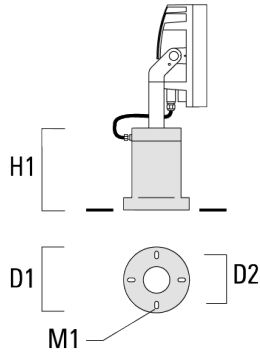
FLC240 LED

Floodlights

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



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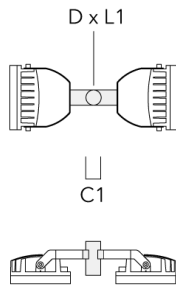
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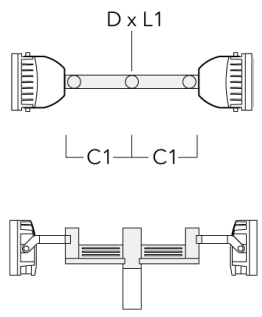
Floodlights

Floodlight mounting bracket TA

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



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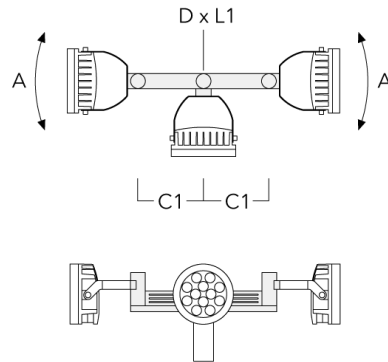


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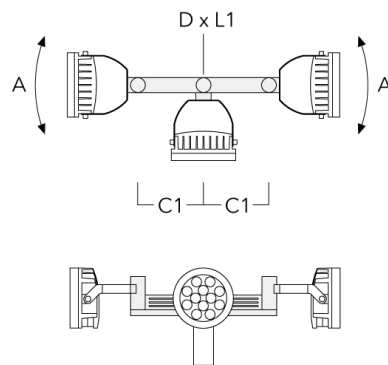
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Floodlights

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



TA4 Mounting bracket, quad (Ø 3.50 x 8)	147-0099	±90°	25.59	3.50 x 8		45.86 lbs	89 x 200
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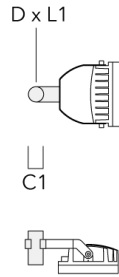
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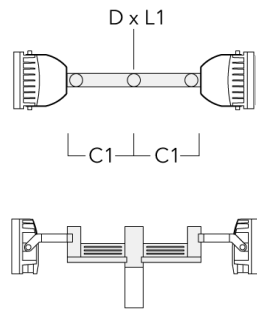
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Floodlights

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



TA2-L Mounting bracket, double (Ø 4.25 x 8)	147-0148	±90°	16.54	4.25 x 8	4.25	44.53	108 x 200
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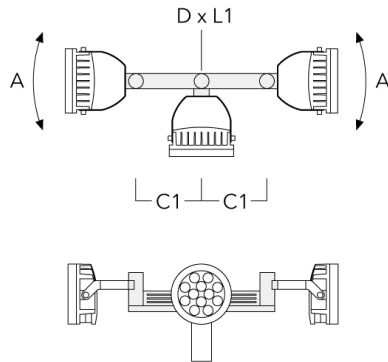
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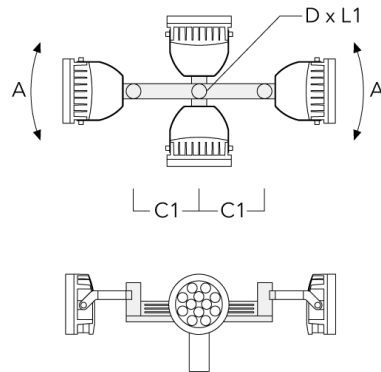
FLC240 LED

Floodlights

Description	Part ID	A	C1	D x L1	L	Weight (lb)	D x S
TA3 Mounting bracket, triple (Ø 4.25 x 8)	147-0098	±90°	25.59"	4.25 x 8		53.35 lbs	108 x 200



TA4 Mounting bracket, quad (Ø 4.25 x 8)	147-0100	±90°	650	4.25 x 8		53.00	108 x 200
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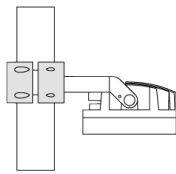
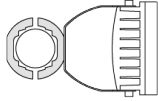
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Floodlights

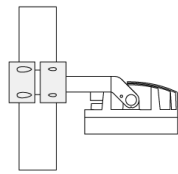
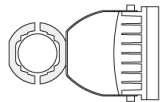
Pole clamp TS

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



D1

TS1-2/M12 Pole clamp, single (Ø 4.0"-4.5")	147-0526	4.0-4.5	3.53	102-114
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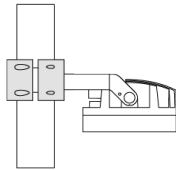
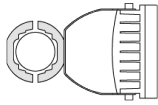
D1

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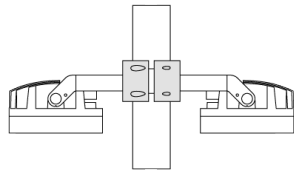
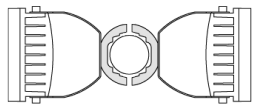
Floodlights

Description	Part ID	D1	Weight (lb)	D
TS1-2/M12 Pole clamp, single (Ø 4.5"-5.25")	147-0544	4.5"-5.25"	3.75	114-133



D1

TS2-2/M12 Pole clamp, double (Ø 3"-3.5")	147-0545	3.0"-3.5"	3.09 lbs	76-89
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D1

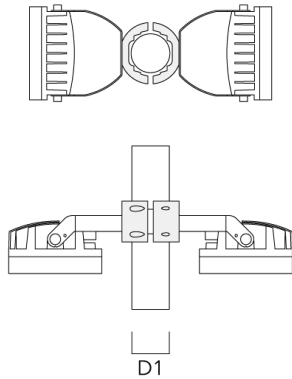
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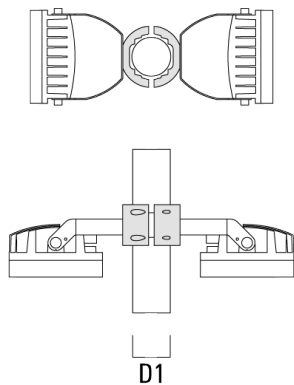
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Floodlights

Description	Part ID	D1	Weight (lb)	D
TS2-2/M16 Pole clamp, double (Ø 4.0"-4.5")	147-0527	4.0-4.50	3.31	102-114



TS2-2/M16 Pole clamp, double (Ø 4.5"-5.25")	147-0546	4.50-5.25	3.53	114-133
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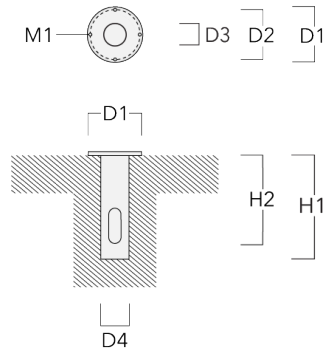
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FLC240 LED

Floodlights

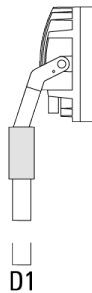
Planted root

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 x 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



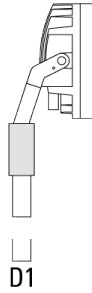
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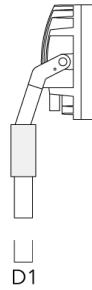
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Floodlights

Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-76/M16 Spigot Cap (Ø 3.0")	310-9121	3	3 x 4	1.10 lbs	76 x 100



KF16-89/M16 Spigot Cap (Ø 3.5")	300-0734	3.50	3.5 x 3	1.10 lbs	89
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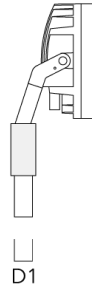


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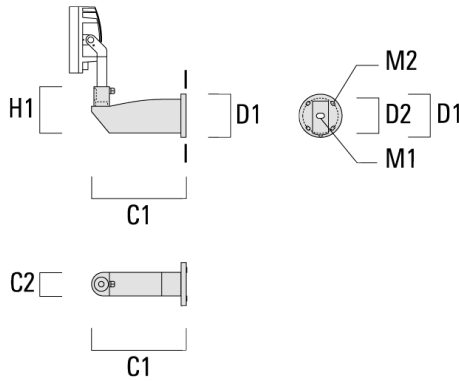
Floodlights

Description	Part ID	D1	D × L1	Weight (lb)	D
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



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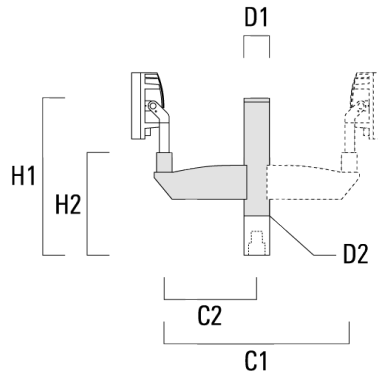
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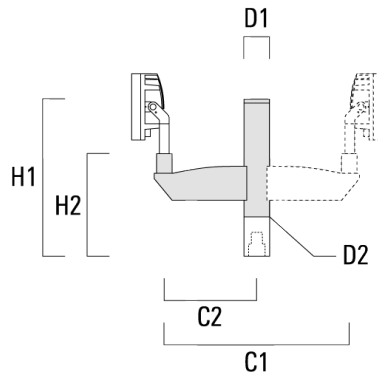
Floodlights

Pole Mount Brackets PMB

Description	Part ID	C1	C2	D1	D2	H1	H2	Weight (lb)
PMB200-1 Pole mount bracket	147-6017	39.67	20.09	6.0	3 x 3 + 4 x 3	28.94	15.89	37.8 lbs



PMB200-2 Pole mount bracket	147-6018	39.67	20.09	6.0	3 x 3 + 4 x 3	28.94	15.89	57.0 lbs
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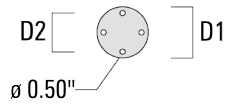
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Surface Mount Canopy SMC

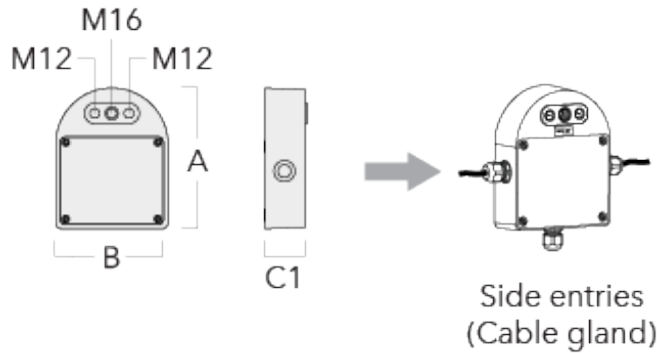
Description	Part ID	D1	D2	Weight (lb)
SMC-200	147-6915	10.83	9.25	15.4 lbs



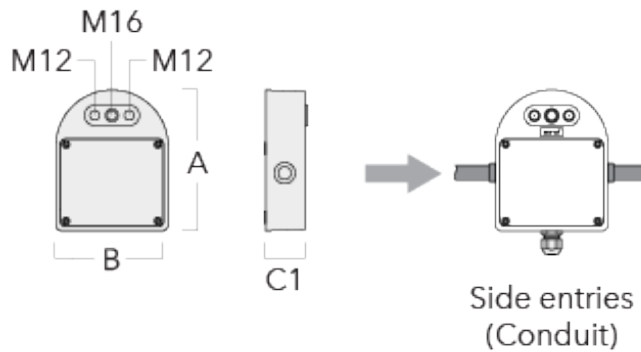
Floodlights

Junction box

Description	Part ID	Additional information	A	B	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
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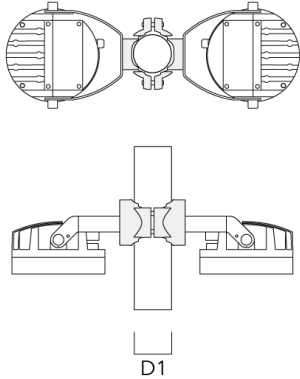
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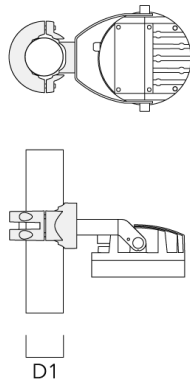
Floodlights

Pole clamp PC

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



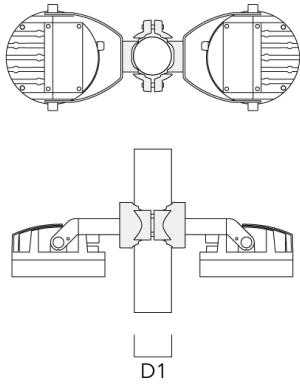
PC1 76-89/60 Pole clamp, single (Ø 3"-3.5")	139-2702	3.0-3.50	2.20
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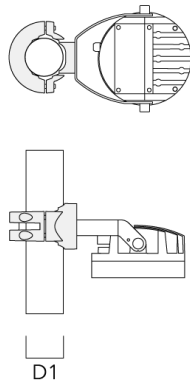
FLC240 LED

Floodlights

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



PC1 102-114/60 Pole clamp, single (Ø 4"-4,5")	139-2706	4.0-4.50	2.65
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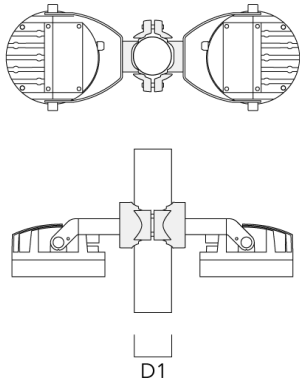
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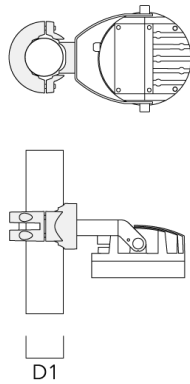
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Description	Part ID	D1	Weight (lb)
PC2 114-133/60 Pole clamp, double (Ø 4.5"-5.25")	139-2709	4.5-5.25	3.10



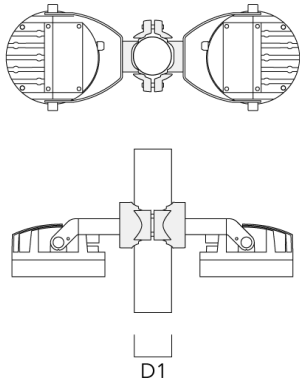
PC1 114-133/60 Pole clamp, single (Ø 4.5"-5.25")	139-2708	4.5-5.25	3.10
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FLC240 LED

Floodlights

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



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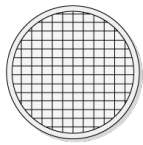
FLC240 LED

Floodlights

Optical Accessories

Softening Lens

Description	Part ID	C1
IO-360-FLC240-LED	139-1856	11.40



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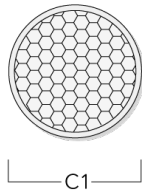
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FLC240 LED

Floodlights

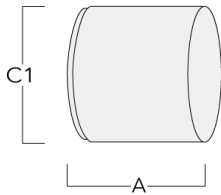
Honeycomb louvre

Description	Part ID	C1
Honeycomb Louvre IW	139-1857	11.00



Snoot

Description	Part ID	A	C1
ET-FLC240-LED	139-1859	7.87	11.50



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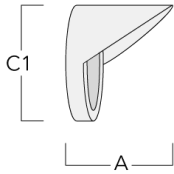
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FLC240 LED

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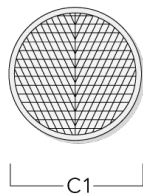
Glare shield

Description	Part ID	A	C1
ES-FLC240-LED	139-1858	7.87	13.62



Wallwash lens

Description	Part ID	Additional information	C1
IO-20-FLC240-LED	139-1854	for symmetric [M] medium beam luminaire only	11.40



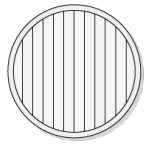
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Linear spread lens

Description	Part ID	C1
Linear spread lens IO-180	139-1855	11.40



C1