

139-1823

FLC240 LED

**we-ef**



### 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	27.80 lb
Light distribution	symmetric, very narrow beam [VN]
Light source	LED-24/72W / 1050 mA - 4000 K
CRI	80
Power supply	electronic gear
LEDs	24
Rated input power	81 W

### Nominal Lumen (lm)

LED Lumen	450
Total Lumen	10800
Tj	85

### Rated lumens (lm)

LED Lumen	403.5
Total Lumen	9684.4
Ta	25

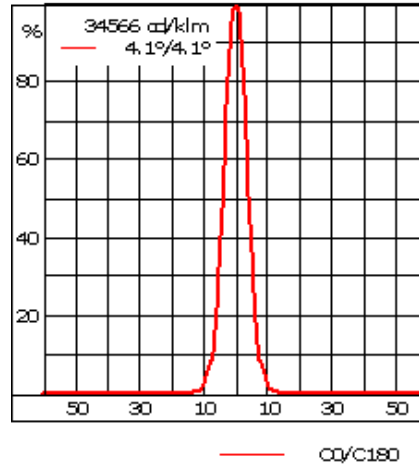
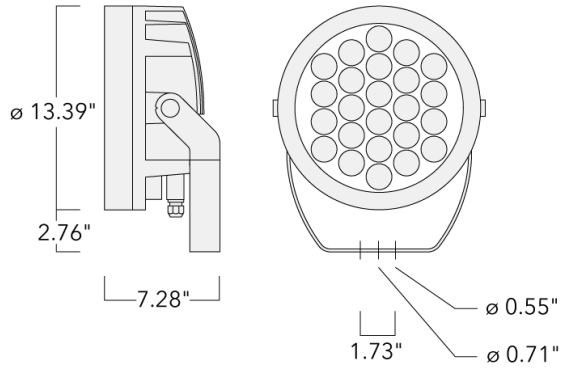
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## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colors	<div style="display: flex; flex-direction: column; gap: 5px;"> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: black; margin-right: 5px;"></span> RAL9004 Black</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: grey; margin-right: 5px;"></span> RAL9007 Grey Metallic</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: white; margin-right: 5px;"></span> RAL9016 White</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: darkgrey; margin-right: 5px;"></span> RAL8019 Dark Bronze</div> </div>
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

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**Electrical description**

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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

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**Additional information**

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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.

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## 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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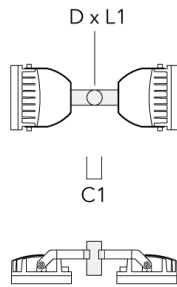
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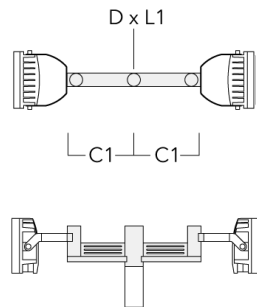
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**Floodlight mounting bracket TA**

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

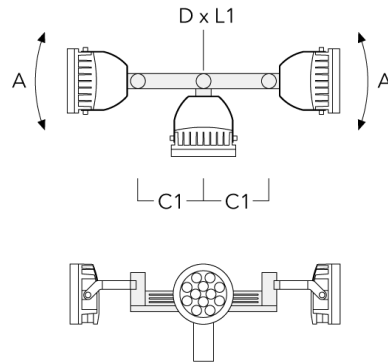


TA2-L Mounting bracket, double (Ø 3 x 8)	147-0105	±90°	16.54	3 x 8	2.99	35.49	76 x 200
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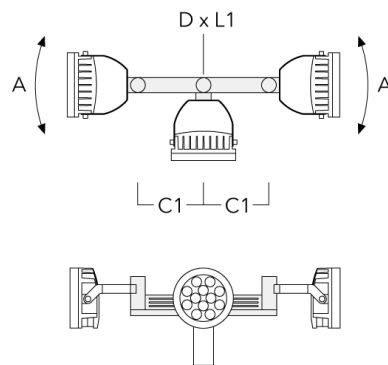


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Description	Part ID	A	C1	D x L1	L	Weight (lb)	D x S
TA3 Mounting bracket, triple (Ø 3.50 x 8)	147-0025	±90°	25.59	3.50 x 8	3.5	39.46	89 x 200



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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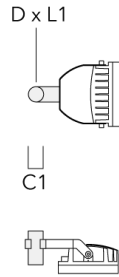


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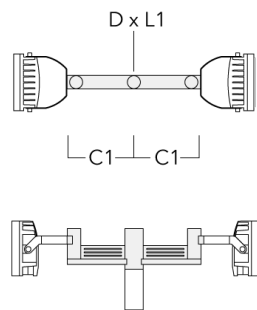
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Description	Part ID	A	C1	D × L1	L	Weight (lb)	D × S
TA1 Mounting bracket, single (Ø 4.25 x 8)	147-0096		5.12	4.25 x 8	4.25	16.53	108 x 200



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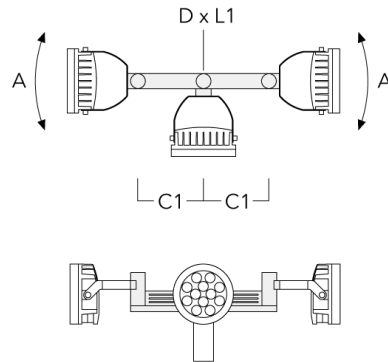
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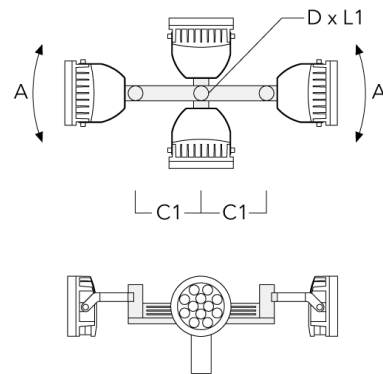
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Description	Part ID	A	C1	D x L1	L	Weight (lb)	D x S
TA3 Mounting bracket, triple (Ø 4.25 x 8)	147-0098	±90°	25.59"	4.25 x 8		53.35 lbs	108 x 200



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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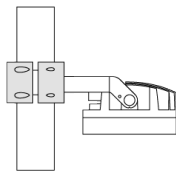
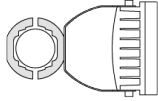
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**Pole clamp TS**

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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

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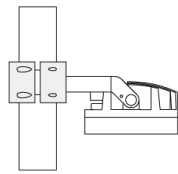
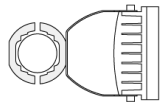


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TS1-2/M12 Pole clamp, single (Ø 4.0"-4.5")	147-0526	4.0-4.5	3.53	102-114
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D1

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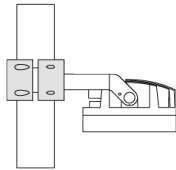
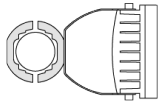
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**FLC240 LED**

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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

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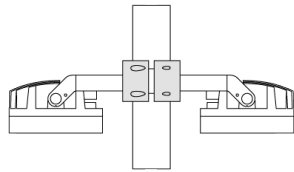
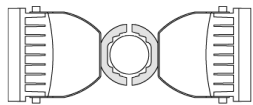


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TS2-2/M12 Pole clamp, double (Ø 3"-3.5")	147-0545	3.0"-3.5"	3.09 lbs	76-89
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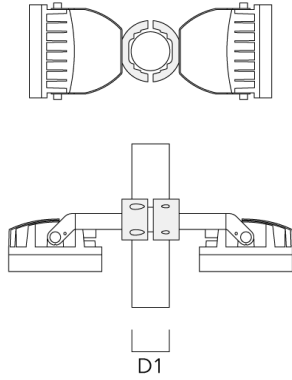
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Description	Part ID	D1	Weight (lb)	D
TS2-2/M16 Pole clamp, double (Ø 4.0"-4.5")	147-0527	4.0-4.50	3.31	102-114

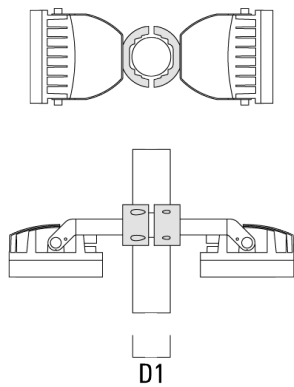
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TS2-2/M16 Pole clamp, double (Ø 4.5"-5.25")	147-0546	4.50-5.25	3.53	114-133
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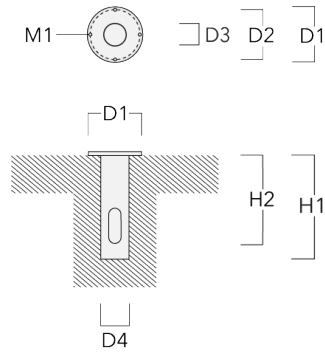
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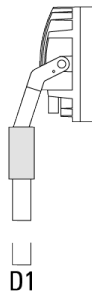
**Planted root**

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



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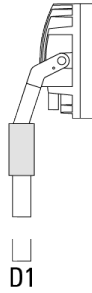
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Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-76/M16 Spigot Cap (Ø 3.0")	310-9121	3	3 x 4	1.10 lbs	76 x 100

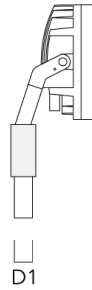
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KF16-89/M16 Spigot Cap (Ø 3.5")	300-0734	3.50	3.5 x 3	1.10 lbs	89
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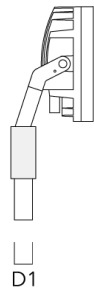
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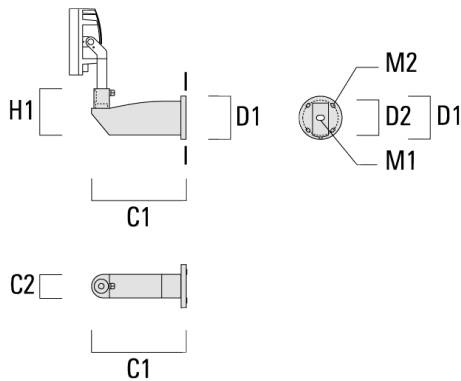
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Description	Part ID	D1	D × L1	Weight (lb)	D
KF16-108/M16 Spigot Cap (Ø 4.25")	300-0735	4.25	4.25 x 3	4.4 lbs	108



**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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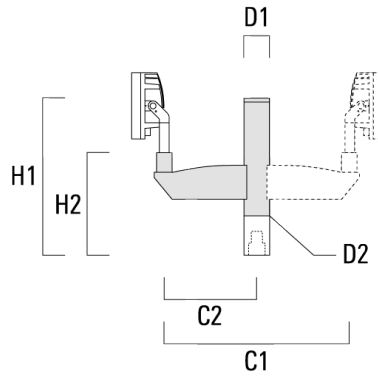
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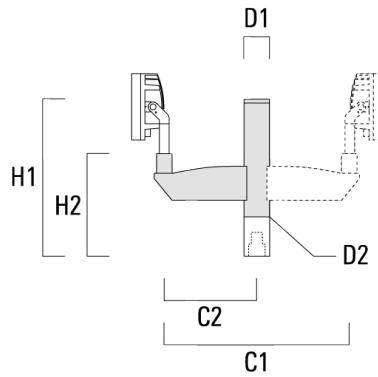
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**Pole Mount Brackets PMB**

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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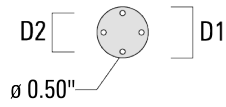
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**Surface Mount Canopy SMC**

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

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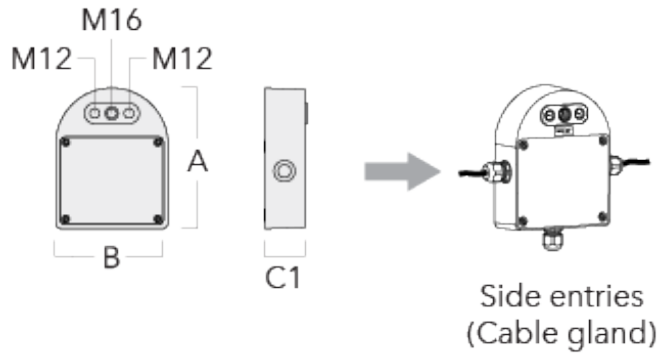
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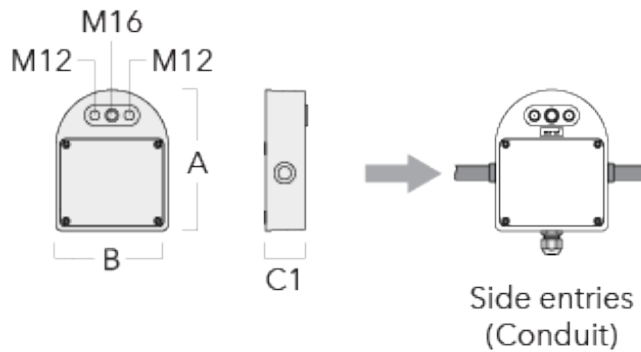


**Junction box**

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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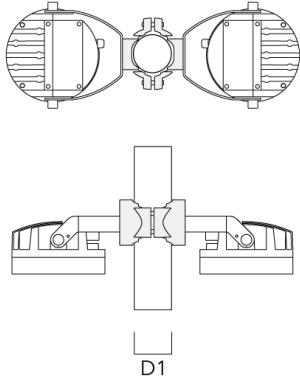
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**Pole clamp PC**

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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

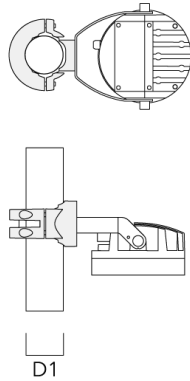
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PC1 76-89/60 Pole clamp, single (Ø 3"-3.5")	139-2702	3.0-3.50	2.20
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Description	Part ID	D1	Weight (lb)
PC2 102-114/60 Pole clamp, double (Ø 4"-4.5")	139-2707	4.0-4.50	2.65

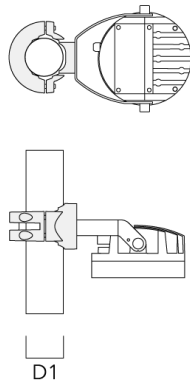
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PC1 102-114/60 Pole clamp, single (Ø 4"-4,5")	139-2706	4.0-4.50	2.65
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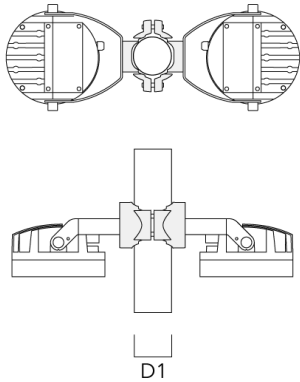
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Description	Part ID	D1	Weight (lb)
PC2 114-133/60 Pole clamp, double (Ø 4.5"-5.25")	139-2709	4.5-5.25	3.10

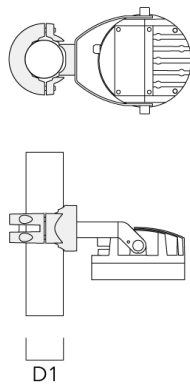
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PC1 114-133/60 Pole clamp, single (Ø 4.5"-5.25")	139-2708	4.5-5.25	3.10
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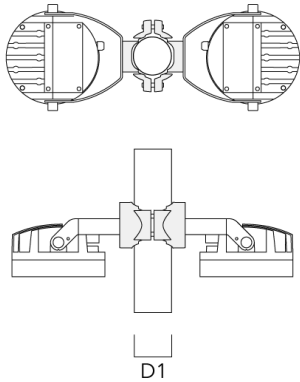
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Description	Part ID	D1	Weight (lb)
PC2 82-109/60 Pole clamp, double (Ø 3.25"-4.25")	139-2705	3.20-4.30	2.40

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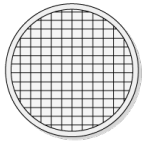
**Optical Accessories**

**Softening Lens**

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

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139-1823

FLC240 LED

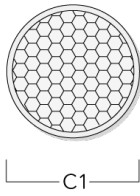
**we-ef**

**Honeycomb louvre**

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Description	Part ID	C1
Honeycomb Louvre IW	139-1857	11.00

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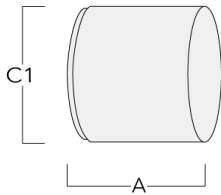
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**Snoot**

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

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139-1823

FLC240 LED

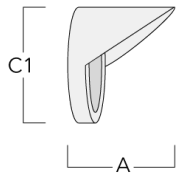
**we-ef**

**Glare shield**

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

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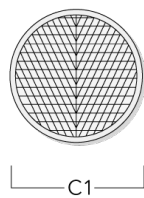
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**Wallwash lens**

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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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**139-1823**

**FLC240 LED**

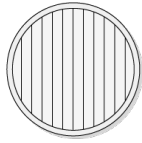
**we-ef**

**Linear spread lens**

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

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C1

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