

108-1778

PFL230 LED

**we-ef**



**Description**

IP66 in both an upward or downward orientation. Class I. IK08. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens, hinged frame. Luminaire is factory-wired and supplied with 30' of black, three conductor, flexible SEOW cord for power connection at pole-base hand hole. PMMA optics for superior illumination and glare control. OLC® One LED Concept. 0-10V Dimming comes standard with luminaire.

Recommended mounting height 10-20 ft, depending on wattage selected; mounting bracket required.

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	22.00 lb
Light distribution	[A60] Type IV Very Short
Light source	LED-12/12W / 350 mA - 4000 K
CRI	80
Power supply	electronic gear
BUG	B0 U0 G0
LEDs	12
Rated input power	13.9 W

**Nominal Lumen (lm)**

LED Lumen	170
Total Lumen	2040
Tj	85

**Rated lumens (lm)**

LED Lumen	131.1
Total Lumen	1573.7
Ta	25

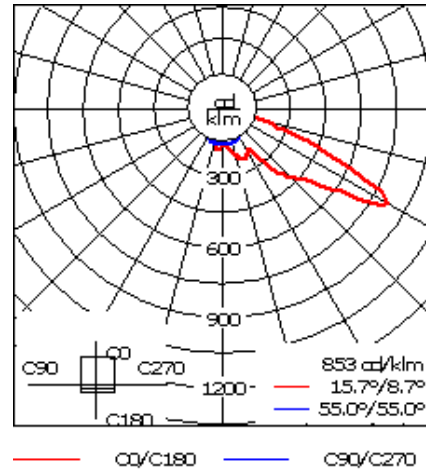
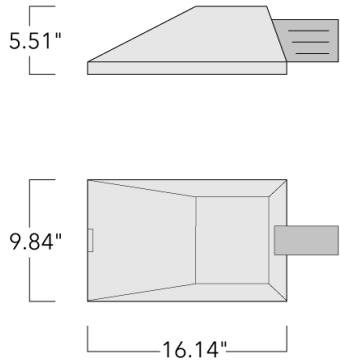
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## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens, hinged
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	IK08
Corrosion resistance	5CE superior corrosion protection system
Windage	0.45 ft <sup>2</sup>

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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
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
BUG Rating	Please see individual Spec Sheets for classification of Backlight, Uplight and Glare.
Listings	ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.

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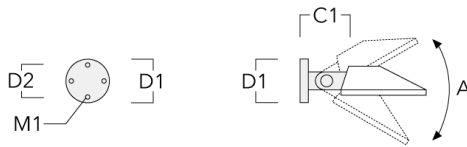
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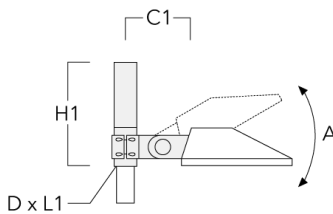
### Mounting Accessories

#### Wall and pole brackets KI

Description	Part ID	A	C1	D1	D2	D × L1	H1	L	M1	Weight (lb)	Alpha	C	D	H
K10-230 Wall bracket	108-0430	±30°	8.27	7.09	5.83				0.26	6.61	± 3°	210	180	180



K11-230 Pole bracket, single	108-0431	±30°	8.27			3 x 3	18.70	2.99		9.48	± 3°	210		475
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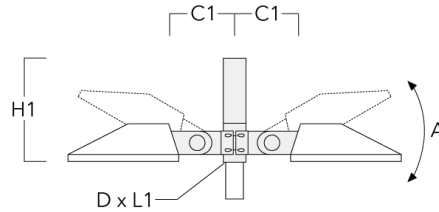
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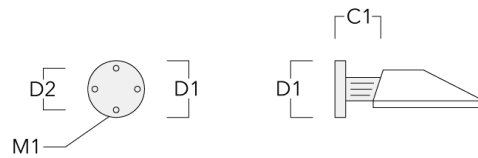
**PFL230 LED**

Description	Part ID	A	C1	D1	D2	D × L1	H1	L	M1	Weight (lb)	Alpha	C	D	H
K12-230 Pole bracket, double	108-0432	±30°	8.27			3 x 3	18.70	2.99		9.48	± 3°	210		475



**Wall and pole brackets KP**

Description	Part ID	C1	D1	D2	D × L1	H1	L	M1	Weight (lb)	C	D	H
KP0-230 Wall bracket	108-0433	7.68	7.09	5.51				0.47	3.31	175	180	180



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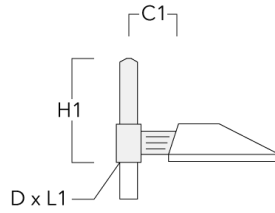
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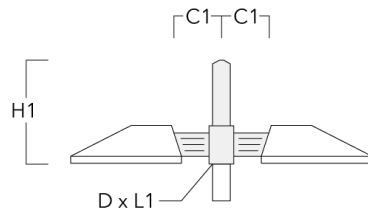
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Description	Part ID	C1	D1	D2	D x L1	H1	L	M1	Weight (lb)	C	D	H
KP1-230 Pole bracket, single	108-0434	8.27			3 x 3	20.67	2.99		7.94	175		525



KP2-230 Pole bracket, double	108-0435	8.27			3 x 3	20.67	2.99		9.48	175		525
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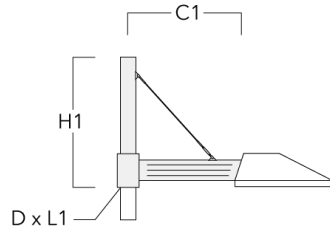
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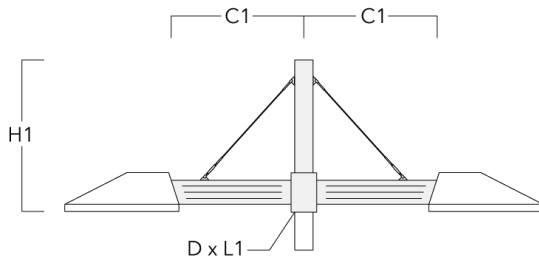
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**Pole brackets KP\_L**

Description	Part ID	C1	D x L1	H1	L	Weight (lb)	C	H
KP1-L-230 Pole bracket, single	108-0713	17.72	3 x 5	20.67	2.99	13.89	175	525



KP2-L-230 Pole bracket, double	108-0714	17.72	3 x 5	20.67	2.99	20.94	175	525
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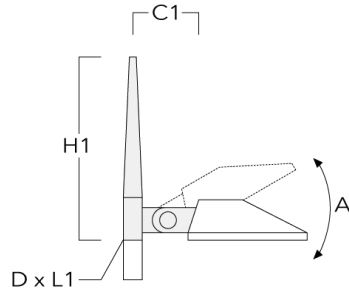
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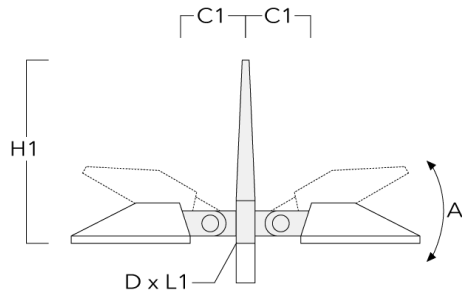
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**Pole brackets KY**

Description	Part ID	A	C1	D x L1	H1	L	Weight(lb)	Alpha	C	H
KY1-230 Pole bracket, single	108-0496	±30°	8.27	3 x 3	28.74	2.99	18.08	± 3°	210	525



KY2-230 Pole bracket, double	108-0497	±30°	8.27	3 x 3	36.61	2.99	20.72	± 3°	210	525
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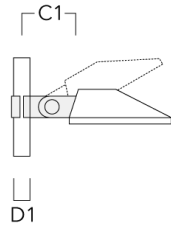
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**Pole clamp SI**

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Description	Part ID	C1	D1	Weight (lb)	C
S11-230 Pole clamp, single (Ø 3"-3.5")	108-0478	8.27	3.0-3.50	6.39	210

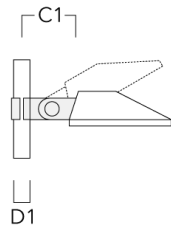
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S11-230 Pole clamp, single (Ø 4"-4.5")	108-0479	8.27	4.0-4.50	6.83	210
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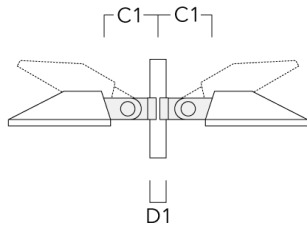
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Description	Part ID	C1	D1	Weight (lb)	C
SI2-230 Pole clamp, double (Ø 3"-3.5")	108-0480	8.27	3.0-3.50	9.92	210

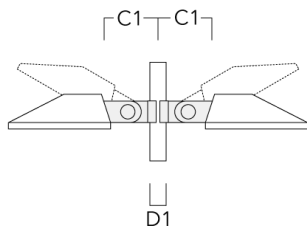
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SI2-230 Pole clamp, double (Ø 4"-4.5")	108-0481	8.27	4.0-4.50	10.36	210
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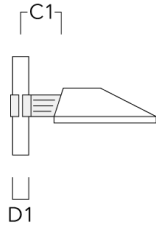
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**Pole clamp SK**

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Description	Part ID	C1	D1	Weight (lb)	C
SK1-230 Pole clamp, single (Ø 3"-3.5")	108-0474	6.89	3.0-3.50	4.63	175

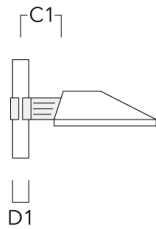
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SK1-230 Pole clamp, single (Ø 4"-4.5")	108-0475	6.89	4.0-4.50	5.29	175
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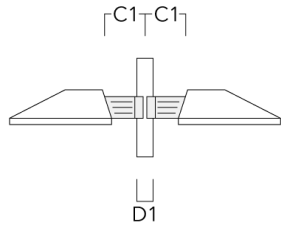
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Description	Part ID	C1	D1	Weight (lb)	C
SK2-230 Pole clamp, double (Ø 3"-3.5")	108-0476	6.89	3.0-3.50	6.39	175

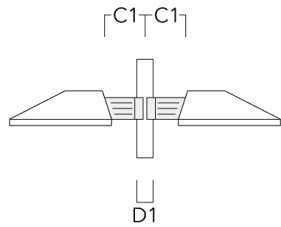
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SK2-230 Pole clamp, double (Ø 4"-4.5")	108-0477	6.89	4.0-4.50	7.05	175
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## **Optical Accessories**

### **Light shield**

Description	Part ID	Additional information
LS180-[A60]	430-0038	Light shield LS180 to greatly reduce or eliminate light pollution. PA injection moulded component, black matt. Suitable for asymmetric light distribution [A60].
LS180	430-0029	Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [S60], [S65], [S70], [R65], [P65] lenses. Must be specified at time of ordering.

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