

**PFL230 LED**

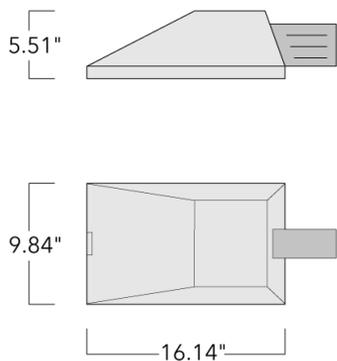


**Street and Area Lighting**



**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030  
customersupport.usa@we-ef.com - <https://we-ef.com/us>  
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**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)

**Street and Area Lighting**

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**Specifications****Material description**

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Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens, hinged
Colors	 RAL9004 Black  RAL9007 Grey Metallic  RAL9016 White  RAL8019 Dark Bronze
Gasket	Silicone CCG <sup>®</sup> 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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**Options**

**Light distribution**



[S65] Type III Medium



[R65] Type IV Medium



[A60] Type IV Very Short



[P65] Type II Medium

**Color temperature**



3000 K



4000 K



2700 K

**Nominal Watt**

14 W

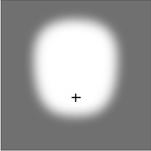
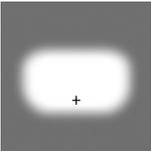
21 W

30 W

38 W

43 W

**Configurations**

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
[A60] Type IV Very Short 	108-1624	LED-12/24W / 700 mA - 3000 K	2606.4	27 W	80	22.00
	108-1629	LED-12/24W / 700 mA - 4000 K	2786.2	27 W	80	22.00
	108-1727	LED-18/36W / 700 mA - 3000 K	3909.6	41 W	80	22.00
	108-1728	LED-18/36W / 700 mA - 4000 K	4179.3	41 W	80	22.00
	108-1777	LED-12/12W / 350 mA - 3000 K	1434.9	13.9 W	80	22.00
	108-1778	LED-12/12W / 350 mA - 4000 K	1573.7	13.9 W	80	22.00
	108-1785	LED-18/18W / 350 mA - 3000 K	2152.3	21 W	80	22.00
	108-1786	LED-18/18W / 350 mA - 4000 K	2360.6	21 W	80	22.00
	108-2496	LED-12/12W / 350 mA - 2700 K	1342.3	13.9 W	80	22.00
	108-2497	LED-12/24W / 700 mA - 2700 K	2426.7	27 W	80	22.00
	108-2498	LED-18/18W / 350 mA - 2700 K	2013.4	21 W	80	22.00
108-2499	LED-18/36W / 700 mA - 2700 K	3640	41 W	80	22.00	
[P65] Type II Medium 	108-1625	LED-12/24W / 700 mA - 3000 K	2634.7	27 W	80	22.00
	108-1630	LED-12/24W / 700 mA - 4000 K	2816.4	27 W	80	22.00
	108-1729	LED-18/36W / 700 mA - 3000 K	3952	41 W	80	22.00
	108-1730	LED-18/36W / 700 mA - 4000 K	4224.6	41 W	80	22.00
	108-1779	LED-12/12W / 350 mA - 3000 K	1450.4	13.9 W	80	22.00
	108-1780	LED-12/12W / 350 mA - 4000 K	1590.8	13.9 W	80	22.00
	108-1787	LED-18/18W / 350 mA - 3000 K	2175.6	21 W	80	22.00
	108-1788	LED-18/18W / 350 mA - 4000 K	2386.2	21 W	80	22.00
	108-2500	LED-12/12W / 350 mA - 2700 K	1356.8	13.9 W	80	22.00
	108-2502	LED-18/18W / 350 mA - 2700 K	2035.3	21 W	80	22.00
	108-2503	LED-18/36W / 700 mA - 2700 K	3679.5	41 W	80	22.00
[R65] Type IV Medium 	108-1622	LED-12/24W / 700 mA - 3000 K	2434.4	27 W	80	22.00
	108-1623	LED-12/24W / 700 mA - 4000 K	2602.3	27 W	80	22.00
	108-1725	LED-18/36W / 700 mA - 3000 K	3651.7	41 W	80	22.00
	108-1726	LED-18/36W / 700 mA - 4000 K	3903.5	41 W	80	22.00
	108-1775	LED-12/12W / 350 mA - 3000 K	1340.2	13.9 W	80	22.00
	108-1776	LED-12/12W / 350 mA - 4000 K	1469.9	13.9 W	80	22.00
	108-1783	LED-18/18W / 350 mA - 3000 K	2010.3	21 W	80	22.00
	108-1784	LED-18/18W / 350 mA - 4000 K	2204.8	21 W	80	22.00
108-2492	LED-12/12W / 350 mA - 2700 K	1253.7	13.9 W	80	22.00	

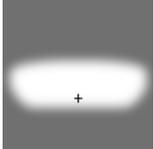
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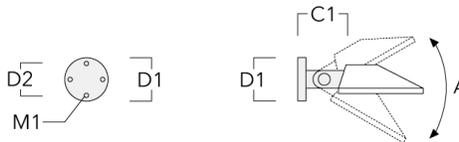
**Street and Area Lighting**

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI	Weight (lb)
	108-2493	LED-12/24W / 700 mA - 2700 K	2266.5	27 W	80	22.00
	108-2494	LED-18/18W / 350 mA - 2700 K	1880.6	21 W	80	22.00
	108-2495	LED-18/36W / 700 mA - 2700 K	3399.8	41 W	80	22.00
[S65] Type III Medium	108-1627	LED-12/24W / 700 mA - 3000 K	2780.3	27 W	80	22.00
	108-1632	LED-12/24W / 700 mA - 4000 K	2972.1	27 W	80	22.00
	108-1723	LED-18/36W / 700 mA - 3000 K	4170.5	41 W	80	22.00
	108-1724	LED-18/36W / 700 mA - 4000 K	4458.1	41 W	80	22.00
	108-1773	LED-12/12W / 350 mA - 3000 K	1530.6	13.9 W	80	22.00
	108-1774	LED-12/12W / 350 mA - 4000 K	1678.7	13.9 W	80	22.00
	108-1781	LED-18/18W / 350 mA - 3000 K	2295.9	21 W	80	22.00
	108-1782	LED-18/18W / 350 mA - 4000 K	2518.1	21 W	80	22.00
	108-2488	LED-12/12W / 350 mA - 2700 K	1431.8	13.9 W	80	22.00
	108-2489	LED-12/24W / 700 mA - 2700 K	2588.6	27 W	80	22.00
	108-2490	LED-18/18W / 350 mA - 2700 K	2147.8	21 W	80	22.00
	108-2491	LED-18/36W / 700 mA - 2700 K	3882.9	41 W	80	22.00

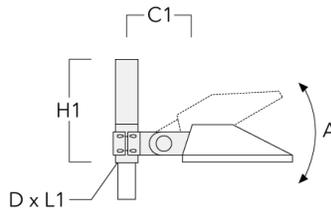
**Mounting Accessories**

**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

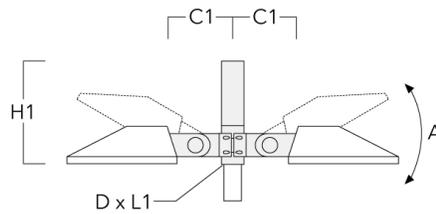


K11-230 Pole bracket, single	108-0431	±30°	8.27			3 x 3	18.70	2.99		9.48	±3°	210		475
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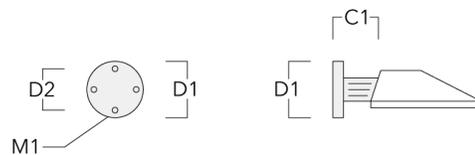
**Street and Area Lighting**

Description	Part ID	A	C1	D1	D2	D × L1	H1	L	M1	Weight (lb)	Alpha	C	D	H
KI2-230 Pole bracket, double	108-0432	±30°	8.27			3 x 3	18.70	2.99		9.48	± 3°	210		475



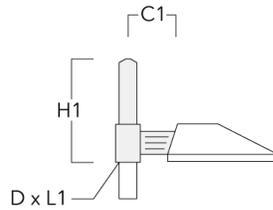
**Wall and pole brackets KP**

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

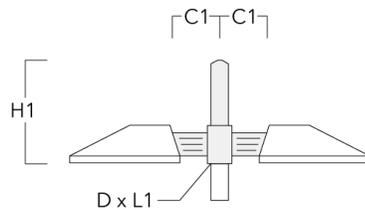


**Street and Area Lighting**

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



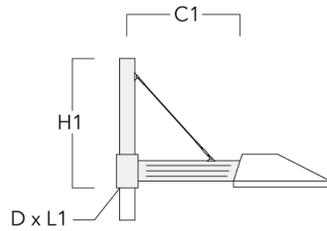
KP2-230 Pole bracket, double	108-0435	8.27			3 x 3	20.67	2.99		9.48	175		525
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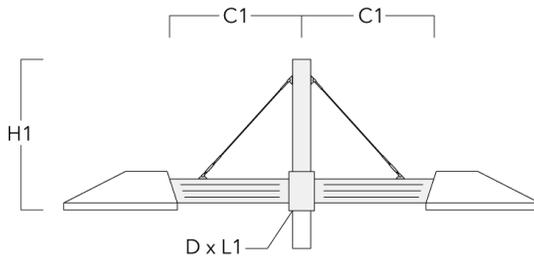
**Street and Area Lighting**

**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

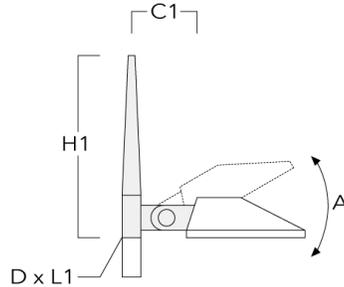


KP2-L-230 Pole bracket, double	108-0714	17.72	3 x 5	20.67	2.99	20.94	175	525
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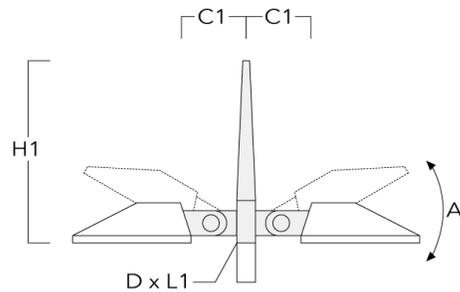


**Pole brackets KY**

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



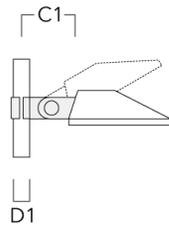
KY2-230 Pole bracket, double	108-0497	±30°	8.27	3 x 3	36.61	2.99	20.72	± 3°	210	525
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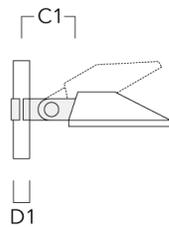
**Street and Area Lighting**

**Pole clamp SI**

Description	Part ID	C1	D1	Weight (lb)	C
SI1-230 Pole clamp, single (Ø 3"-3.5")	108-0478	8.27	3.0-3.50	6.39	210

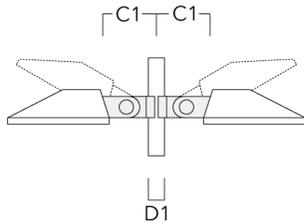


SI1-230 Pole clamp, single (Ø 4"-4.5")	108-0479	8.27	4.0-4.50	6.83	210
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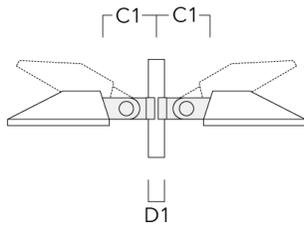


**Street and Area Lighting**

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



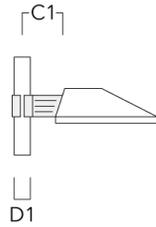
SI2-230 Pole clamp, double (Ø 4"-4.5")	108-0481	8.27	4.0-4.50	10.36	210
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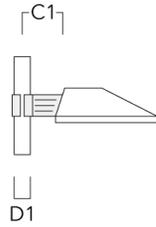
**Street and Area Lighting**

**Pole clamp SK**

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

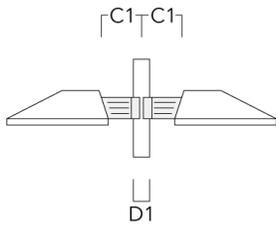


SK1-230 Pole clamp, single (Ø 4"-4.5")	108-0475	6.89	4.0-4.50	5.29	175
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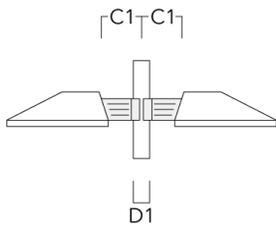


**Street and Area Lighting**

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



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.