

PFL230 LED

Pole mounted

we-ef



WE-EF LIGHTING (Thailand) Co., Ltd.

57 Moo 5, Kingkaew Rd., Bangplee, 10540 Samutprakarn - Phone: +66 2 738 96 20 - Fax: +66 2 738 96 29

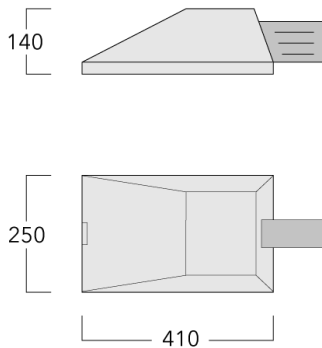
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Description

IP66. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens, hinged. Silicone CCG® Controlled Compression Gasket.

Integral EC electronic converter. DALI interface. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

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Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens, hinged
Colours	 RAL9004 Signal black  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.042 m ²

Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral electronic converter with DALI interface
Power factor	> 0.9

Additional information

Lifetime	Ta=25° L90B10 > 90000h
BUG Rating	Please see individual Spec Sheets for classification of Backlight, Uplight and Glare

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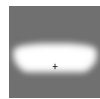
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Options

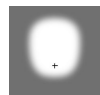
Light distribution



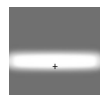
asymmetric, side throw [S65]



rectangular, side throw [R65]



asymmetric, forward throw [A60]



pedestrian/bicycle lane [P65]

Colour temperature



3000 K



4000 K



2700 K

Nominal Watt

14 W

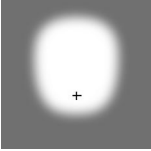

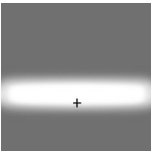
21 W

0 W

28 W

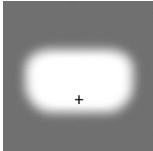
43 W

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A60] 	108-1624	LED-12/24W / 700 mA - 3000 K	2606.4	27 W	80	10.00
	108-1629	LED-12/24W / 700 mA - 4000 K	2786.2	27 W	80	10.00
	108-1727	LED-18/36W / 700 mA - 3000 K	3909.6	41 W	80	10.00
	108-1728	LED-18/36W / 700 mA - 4000 K	4179.3	41 W	80	10.00
	108-1777	LED-12/12W / 350 mA - 3000 K	1434.9	13.9 W	80	10.00
	108-1778	LED-12/12W / 350 mA - 4000 K	1573.7	13.9 W	80	10.00
	108-1785	LED-18/18W / 350 mA - 3000 K	2152.3	21 W	80	10.00
	108-1786	LED-18/18W / 350 mA - 4000 K	2360.6	21 W	80	10.00
	108-2496	LED-12/12W / 350 mA - 2700 K	1342.3	13.9 W	80	10.00
	108-2497	LED-12/24W / 700 mA - 2700 K	2426.7	27 W	80	10.00
	108-2498	LED-18/18W / 350 mA - 2700 K	2013.4	21 W	80	10.00
	108-2499	LED-18/36W / 700 mA - 2700 K	3640	41 W	80	10.00
asymmetric, side throw [S65] 	108-1627	LED-12/24W / 700 mA - 3000 K	2780.3	27 W	80	10.00
	108-1632	LED-12/24W / 700 mA - 4000 K	2972.1	27 W	80	10.00
	108-1723	LED-18/36W / 700 mA - 3000 K	4170.5	41 W	80	10.00
	108-1724	LED-18/36W / 700 mA - 4000 K	4458.1	41 W	80	10.00
	108-1773	LED-12/12W / 350 mA - 3000 K	1530.6	13.9 W	80	10.00
	108-1774	LED-12/12W / 350 mA - 4000 K	1678.7	13.9 W	80	10.00
	108-1781	LED-18/18W / 350 mA - 3000 K	2295.9	21 W	80	10.00
	108-1782	LED-18/18W / 350 mA - 4000 K	2518.1	21 W	80	10.00
	108-2488	LED-12/12W / 350 mA - 2700 K	1431.8	13.9 W	80	10.00
	108-2489	LED-12/24W / 700 mA - 2700 K	2588.6	27 W	80	10.00
	108-2490	LED-18/18W / 350 mA - 2700 K	2147.8	21 W	80	10.00
	108-2491	LED-18/36W / 700 mA - 2700 K	3882.9	41 W	80	10.00
pedestrian/bicycle lane [P65] 	108-1625	LED-12/24W / 700 mA - 3000 K	2634.7	27 W	80	10.00
	108-1630	LED-12/24W / 700 mA - 4000 K	2816.4	27 W	80	10.00
	108-1729	LED-18/36W / 700 mA - 3000 K	3952	41 W	80	10.00
	108-1730	LED-18/36W / 700 mA - 4000 K	4224.6	41 W	80	10.00
	108-1779	LED-12/12W / 350 mA - 3000 K	1450.4	13.9 W	80	10.00
	108-1780	LED-12/12W / 350 mA - 4000 K	1590.8	13.9 W	80	10.00
	108-1787	LED-18/18W / 350 mA - 3000 K	2175.6	21 W	80	10.00
	108-1788	LED-18/18W / 350 mA - 4000 K	2386.2	21 W	80	10.00
	108-2500	LED-12/12W / 350 mA - 2700 K	1356.8	13.9 W	80	10.00
	108-2501	LED-12/24W / 700 mA - 2700 K	2453	27 W	80	10.00
	108-2502	LED-18/18W / 350 mA - 2700 K	2035.3	21 W	80	10.00

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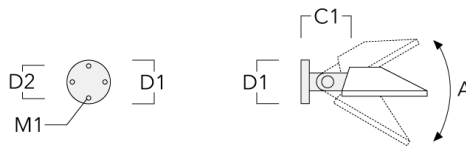
Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
rectangular, side throw [R65] 	108-2503	LED-18/36W / 700 mA - 2700 K	3679.5	41 W	80	10.00
	108-1622	LED-12/24W / 700 mA - 3000 K	2434.4	27 W	80	10.00
	108-1623	LED-12/24W / 700 mA - 4000 K	2602.3	27 W	80	10.00
	108-1725	LED-18/36W / 700 mA - 3000 K	3651.7	41 W	80	10.00
	108-1726	LED-18/36W / 700 mA - 4000 K	3903.5	41 W	80	10.00
	108-1775	LED-12/12W / 350 mA - 3000 K	1340.2	13.9 W	80	10.00
	108-1776	LED-12/12W / 350 mA - 4000 K	1469.9	13.9 W	80	10.00
	108-1783	LED-18/18W / 350 mA - 3000 K	2010.3	21 W	80	10.00
	108-1784	LED-18/18W / 350 mA - 4000 K	2204.8	21 W	80	10.00
	108-2492	LED-12/12W / 350 mA - 2700 K	1253.7	13.9 W	80	10.00
	108-2493	LED-12/24W / 700 mA - 2700 K	2266.5	27 W	80	10.00
	108-2494	LED-18/18W / 350 mA - 2700 K	1880.6	21 W	80	10.00
	108-2495	LED-18/36W / 700 mA - 2700 K	3399.8	41 W	80	10.00

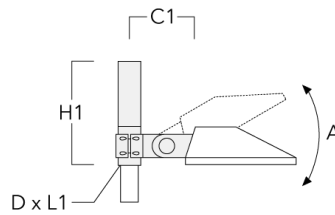
Mounting Accessories

Wall and pole brackets KI

Description	Part ID	A	C1	D1	D2	D × L1	H1	M1	Weight (kg)	Alpha	C	D	H
Wall bracket KI0-230	108-0430	±30°	210	180	148			6.5	3.00	± 3°	210	180	180



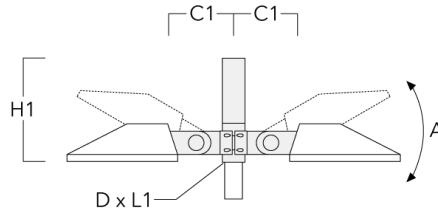
Pole bracket KI1-230, single	108-0431	±30°	210			76 x 80	475		4.30	± 3°	210		475
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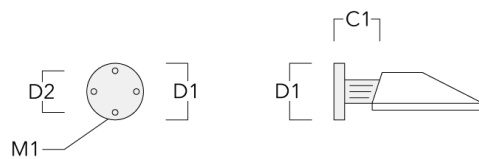
Pole mounted

Description	Part ID	A	C1	D1	D2	D × L1	H1	M1	Weight (kg)	Alpha	C	D	H
Pole bracket KI2-230, double	108-0432	±30°	210			76 x 80	475		6	± 3°	210		475



Wall and pole brackets KP

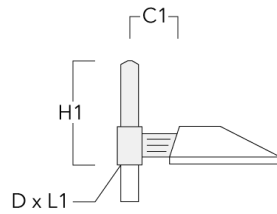
Description	Part ID	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	D	H
Wall bracket KP0-230	108-0433	195	180	140			12	1.50	175	180	180



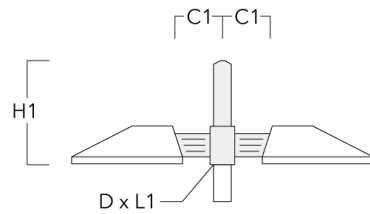
PFL230 LED

Pole mounted

Description	Part ID	C1	D1	D2	D x L1	H1	M1	Weight (kg)	C	D	H
Pole bracket KP1-230, single	108-0434	210			76 x 80	525		3.60	175		525

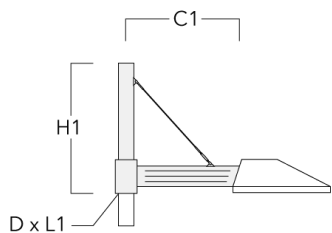


Pole bracket KP2-230, double	108-0435	210			76 x 80	525		4.30	175		525
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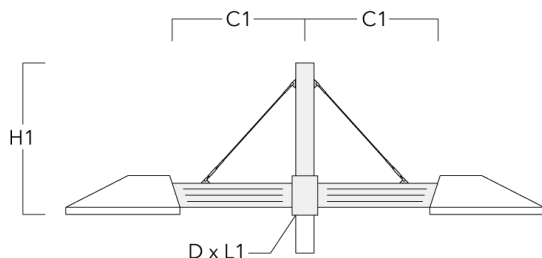


Pole brackets KP_L

Description	Part ID	C1	D x L1	H1	Weight (kg)	C	H
Pole bracket KP1-L-230, single	108-0713	450	76 x 130	525	6.30	175	525

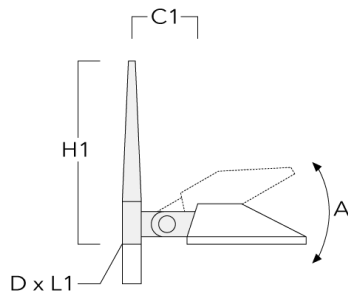


Pole bracket KP2-L-230, double	108-0714	450	76 x 130	525	9.50	175	525
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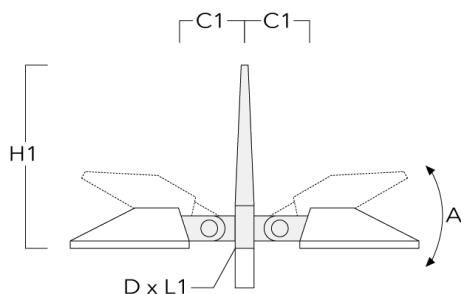


Pole brackets KY

Description	Part ID	A	C1	D × L1	H1	Weight (kg)	Alpha	C	H
KY1-230 Pole bracket, single	108-0496	±30°	210	76 x 80	730	8.20	± 3°	210	525

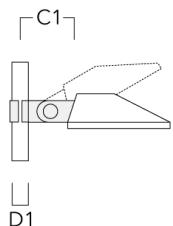


KY2-230 Pole bracket, double	108-0497	±30°	210	76 x 80	730	9.40	± 3°	210	525
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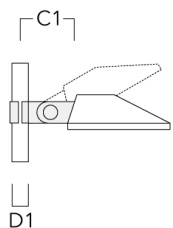


Pole clamp SI

Description	Part ID	C1	D1	Weight (kg)	C
Pole clamp SI1-230, single (Ø 76-89)	108-0478	210	76-89	2.90	210



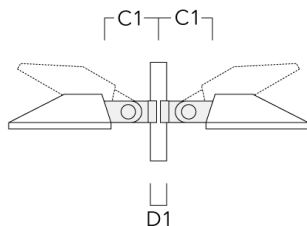
Pole clamp SI1-230, single (Ø 102-114)	108-0479	210	102-114	3.10	210
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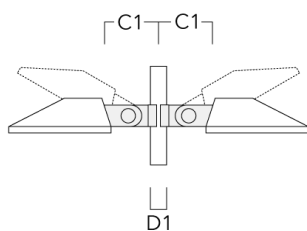
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Pole mounted

Description	Part ID	C1	D1	Weight (kg)	C
Pole clamp SI2-230, double (Ø 76-89)	108-0480	210	76-89	4.50	210



Pole clamp SI2-230, double (Ø 102-114)	108-0481	210	102-114	4.70	210
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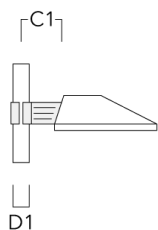


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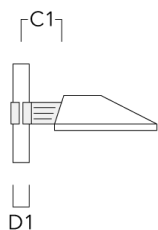
Pole mounted

Pole clamp SK

Description	Part ID	C1	D1	Weight (kg)	C
Pole clamp SK1-230, single (Ø 76-89)	108-0474	175	76-89	2.10	175



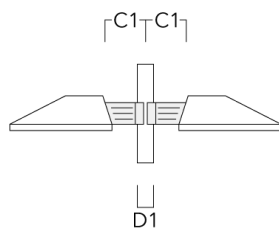
Pole clamp SK1-230, single (Ø 102-114)	108-0475	175	102-114	2.40	175
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PFL230 LED

Pole mounted

Description	Part ID	C1	D1	Weight (kg)	C
Pole clamp SK2-230, double (Ø 76-89)	108-0476	175	76-89	2.90	175



Pole clamp SK2-230, double (Ø 102-114)	108-0477	175	102-114	3.20	175
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