Pole-Mounted Luminaires

PFL230 LED

IP66, Class I. IK08. Marine-grade die-cast aluminium alloy. 5CE superior corrosion protection + primer including PCS hardware. Silicone rubber gaskets. Safety glass lens, hinged. PMMA OLC® optics for superior illumination and glare control. DALI.

Please note that the luminaire requires a mounting bracket for installation. This bracket needs to be ordered separately. Please choose from one of our various options listed under Mounting Accessories

12 – 36 W	1254 – 4458 lm	IP66 / IK08
Wattage	Rated lumens	IP / IK

Lighting

Light distribution

[S65] asymmetric, side throw

[R65] rectangular, side throw

[A60] asymmetric, forward throw

[P65] pedestrian/bicycle lane

Colour temperature

2700K

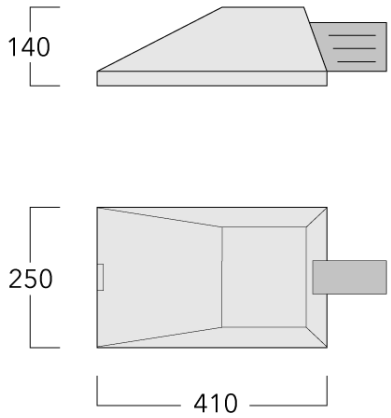
3000K

4000K

Wattage

12 W
18 W
24 W
36 W

Physical description



Length	410 mm
Width	250 mm
Weight	10 kg
Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens, hinged
Colours	RAL9004 Signal black; RAL9006 White aluminium; RAL9007 Grey aluminium
Finish	Powdercoat finish in black RAL9004, grey aluminium RAL9007, white aluminium RAL9006 or white RAL9016
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware (unpainted)
Mounting	Please note that the luminaire requires a mounting bracket for installation. This bracket needs to be ordered separately. Please choose from one of our various options listed under Mounting Accessories
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE+Primer
Windage	0.042 m^2

Electrical description

Power supply	230V / 50 Hz
Driver / Ballast	Integral EC electronic converter. DALI
Cable	Pre-wired with 6 m cable in standard
Surge protection	In-pole surge protection SP10 device supplied. Please refer to WE-EF installation instructions for details. Use suffix +A for Integral surge protection.
Energy efficiency	The product is supplied with 10-year warranty. Please refer to the LED Warranty Statement located on www.we-ef.com for further details.

Additional information

Lifetime	Ta=40° L90B10 > 90000h

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
[A60] asymmetric, forward throw	108-2496	LED-12/12W/2700K	1342.3 lm	13.9 W	80
	108-1777	LED-12/12W/3000K	1434.9 lm	13.9 W	80
	108-1778	LED-12/12W/4000K	1573.7 lm	13.9 W	80
	108-2497	LED-12/24W/2700K	2426.7 lm	27 W	80
	108-1624	LED-12/24W/3000K	2606.4 lm	27 W	80
	108-1629	LED-12/24W/4000K	2786.2 lm	27 W	80
	108-2498	LED-18/18W/2700K	2013.4 lm	21 W	80
	108-1785	LED-18/18W/3000K	2152.3 lm	21 W	80
	108-1786	LED-18/18W/4000K	2360.6 lm	21 W	80
	108-2499	LED-18/36W/2700K	3640 lm	41 W	80
	108-1727	LED-18/36W/3000K	3909.6 lm	41 W	80
	108-1728	LED-18/36W/4000K	4179.3 lm	41 W	80
[P65] pedestrian/bicycle lane	108-2500	LED-12/12W/2700K	1356.8 lm	13.9 W	80
	108-1779	LED-12/12W/3000K	1450.4 lm	13.9 W	80
	108-1780	LED-12/12W/4000K	1590.8 lm	13.9 W	80
	108-2501	LED-12/24W/2700K	2453 lm	27 W	80
	108-1625	LED-12/24W/3000K	2634.7 lm	27 W	80
	108-1630	LED-12/24W/4000K	2816.4 lm	27 W	80
	108-2502	LED-18/18W/2700K	2035.3 lm	21 W	80
	108-1787	LED-18/18W/3000K	2175.6 lm	21 W	80
	108-1788	LED-18/18W/4000K	2386.2 lm	21 W	80
	108-2503	LED-18/36W/2700K	3679.5 lm	41 W	80
	108-1729	LED-18/36W/3000K	3952 lm	41 W	80
	108-1730	LED-18/36W/4000K	4224.6 lm	41 W	80
[R65] rectangular, side throw	108-2492	LED-12/12W/2700K	1253.7 lm	13.9 W	80
	108-1775	LED-12/12W/3000K	1340.2 lm	13.9 W	80
	108-1776	LED-12/12W/4000K	1469.9 lm	13.9 W	80
	108-2493	LED-12/24W/2700K	2266.5 lm	27 W	80
	108-1622	LED-12/24W/3000K	2434.4 lm	27 W	80
	108-1623	LED-12/24W/4000K	2602.3 lm	27 W	80
	108-2494	LED-18/18W/2700K	1880.6 lm	21 W	80
	108-1783	LED-18/18W/3000K	2010.3 lm	21 W	80
	108-1784	LED-18/18W/4000K	2204.8 lm	21 W	80
	108-2495	LED-18/36W/2700K	3399.8 lm	41 W	80
	108-1725	LED-18/36W/3000K	3651.7 lm	41 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	108-1726	LED-18/36W/4000K	3903.5 lm	41 W	80
[S65] asymmetric, side throw	108-2488	LED-12/12W/2700K	1431.8 lm	13.9 W	80
	108-1773	LED-12/12W/3000K	1530.6 lm	13.9 W	80
	108-1774	LED-12/12W/4000K	1678.7 lm	13.9 W	80
	108-2489	LED-12/24W/2700K	2588.6 lm	27 W	80
	108-1627	LED-12/24W/3000K	2780.3 lm	27 W	80
	108-1632	LED-12/24W/4000K	2972.1 lm	27 W	80
	108-2490	LED-18/18W/2700K	2147.8 lm	21 W	80
	108-1781	LED-18/18W/3000K	2295.9 lm	21 W	80
	108-1782	LED-18/18W/4000K	2518.1 lm	21 W	80
	108-2491	LED-18/36W/2700K	3882.9 lm	41 W	80
	108-1723	LED-18/36W/3000K	4170.5 lm	41 W	80
	108-1724	LED-18/36W/4000K	4458.1 lm	41 W	80

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Information and specifications subject to change without notice.