Pole-Mounted Luminaires

PFL230 LED

IP66, Class I. Class II on request. IK08. Marine-grade die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens, hinged. PMMA OLC® optics for superior illumination and glare control.

Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

Version with emergency lighting on request.

Brackets to be ordered separately.

12 – 36 W	1254 – 5033 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

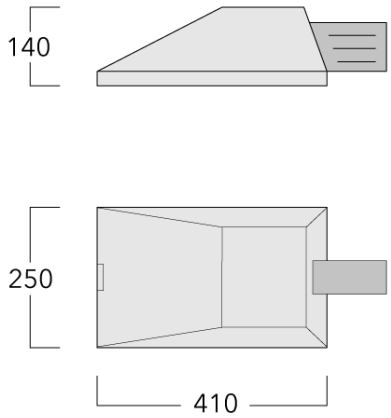
3000K

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; RAL9016 Traffic white; RAL7016 Anthracite grey; RAL9007 Grey aluminium
Finish	Powdercoat finish in RAL7016, RAL9004, RAL9006, RAL9007 and RAL9016
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 EC electronic converter. DALI
Surge protection	6/6 kV (optional SP10)
Energy efficiency	C-D (Light source)

Additional information

Lifetime	Ta=25° 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
	108-2496-70	LED-12/12W/2700K	1434.9 lm	13.9 W	70
	108-1777	LED-12/12W/3000K	1434.9 lm	13.9 W	80
	108-1777-70	LED-12/12W/3000K	1666.3 lm	13.9 W	70
	108-1778	LED-12/12W/4000K	1573.7 lm	13.9 W	80
	108-1778-70	LED-12/12W/4000K	1758.9 lm	13.9 W	70
	108-2497	LED-12/24W/2700K	2426.7 lm	27 W	80
	108-2497-70	LED-12/24W/2700K	2606.4 lm	27 W	70
	108-1624	LED-12/24W/3000K	2606.4 lm	27 W	80
	108-1624-70	LED-12/24W/3000K	2965.9 lm	27 W	70
	108-1629	LED-12/24W/4000K	2786.2 lm	27 W	80
	108-1629-70	LED-12/24W/4000K	3145.7 lm	27 W	70
	108-2498	LED-18/18W/2700K	2013.4 lm	21 W	80
	108-2498-70	LED-18/18W/2700K	2152.3 lm	21 W	70
	108-1785	LED-18/18W/3000K	2152.3 lm	21 W	80
	108-1785-70	LED-18/18W/3000K	2499.4 lm	21 W	70
	108-1786	LED-18/18W/4000K	2360.6 lm	21 W	80
	108-1786-70	LED-18/18W/4000K	2638.3 lm	21 W	70
	108-2499	LED-18/36W/2700K	3640 lm	41 W	80
	108-2499-70	LED-18/36W/2700K	3909.6 lm	41 W	70
	108-1727	LED-18/36W/3000K	3909.6 lm	41 W	80
	108-1727-70	LED-18/36W/3000K	4448.9 lm	41 W	70
	108-1728	LED-18/36W/4000K	4179.3 lm	41 W	80
	108-1728-70	LED-18/36W/4000K	4718.5 lm	41 W	70
[P65] pedestrian/bicycle lane	108-2500	LED-12/12W/2700K	1356.8 lm	13.9 W	80
	108-2500-70	LED-12/12W/2700K	1450.4 lm	13.9 W	70
	108-1779	LED-12/12W/3000K	1450.4 lm	13.9 W	80
	108-1779-70	LED-12/12W/3000K	1684.4 lm	13.9 W	70
	108-1780	LED-12/12W/4000K	1590.8 lm	13.9 W	80
	108-1780-70	LED-12/12W/4000K	1777.9 lm	13.9 W	70
	108-2501	LED-12/24W/2700K	2453 lm	27 W	80
	108-2501-70	LED-12/24W/2700K	2634.7 lm	27 W	70
	108-1625	LED-12/24W/3000K	2634.7 lm	27 W	80
	108-1625-70	LED-12/24W/3000K	2998.1 lm	27 W	70
	108-1630	LED-12/24W/4000K	2816.4 lm	27 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	108-1630-70	LED-12/24W/4000K	3179.8 lm	27 W	70
	108-2502	LED-18/18W/2700K	2035.3 lm	21 W	80
	108-2502-70	LED-18/18W/2700K	2175.6 lm	21 W	70
	108-1787	LED-18/18W/3000K	2175.6 lm	21 W	80
	108-1787-70	LED-18/18W/3000K	2526.5 lm	21 W	70
	108-1788	LED-18/18W/4000K	2386.2 lm	21 W	80
	108-1788-70	LED-18/18W/4000K	2666.9 lm	21 W	70
	108-2503	LED-18/36W/2700K	3679.5 lm	41 W	80
	108-2503-70	LED-18/36W/2700K	3952 lm	41 W	70
	108-1729	LED-18/36W/3000K	3952 lm	41 W	80
	108-1729-70	LED-18/36W/3000K	4497.2 lm	41 W	70
	108-1730	LED-18/36W/4000K	4224.6 lm	41 W	80
	108-1730-70	LED-18/36W/4000K	4769.7 lm	41 W	70
[R65] rectangular, side throw	108-2492	LED-12/12W/2700K	1253.7 lm	13.9 W	80
	108-2492-70	LED-12/12W/2700K	1340.2 lm	13.9 W	70
	108-1775	LED-12/12W/3000K	1340.2 lm	13.9 W	80
	108-1775-70	LED-12/12W/3000K	1556.4 lm	13.9 W	70
	108-1776	LED-12/12W/4000K	1469.9 lm	13.9 W	80
	108-1776-70	LED-12/12W/4000K	1642.8 lm	13.9 W	70
	108-2493	LED-12/24W/2700K	2266.5 lm	27 W	80
	108-2493-70	LED-12/24W/2700K	2434.4 lm	27 W	70
	108-1622	LED-12/24W/3000K	2434.4 lm	27 W	80
	108-1622-70	LED-12/24W/3000K	2770.2 lm	27 W	70
	108-1623	LED-12/24W/4000K	2602.3 lm	27 W	80
	108-1623-70	LED-12/24W/4000K	2938.1 lm	27 W	70
	108-2494	LED-18/18W/2700K	1880.6 lm	21 W	80
	108-2494-70	LED-18/18W/2700K	2010.3 lm	21 W	70
	108-1783	LED-18/18W/3000K	2010.3 lm	21 W	80
	108-1783-70	LED-18/18W/3000K	2334.5 lm	21 W	70
	108-1784	LED-18/18W/4000K	2204.8 lm	21 W	80
	108-1784-70	LED-18/18W/4000K	2464.2 lm	21 W	70
	108-2495	LED-18/36W/2700K	3399.8 lm	41 W	80
	108-2495-70	LED-18/36W/2700K	3651.7 lm	41 W	70
	108-1725	LED-18/36W/3000K	3651.7 lm	41 W	80
	108-1725-70	LED-18/36W/3000K	4155.3 lm	41 W	70
	108-1726	LED-18/36W/4000K	3903.5 lm	41 W	80
	108-1726-70	LED-18/36W/4000K	4407.2 lm	41 W	70

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
[S65] asymmetric, side throw	108-2488	LED-12/12W/2700K	1431.8 lm	13.9 W	80
	108-2488-70	LED-12/12W/2700K	1530.6 lm	13.9 W	70
	108-1773	LED-12/12W/3000K	1530.6 lm	13.9 W	80
	108-1773-70	LED-12/12W/3000K	1777.5 lm	13.9 W	70
	108-1774	LED-12/12W/4000K	1678.7 lm	13.9 W	80
	108-1774-70	LED-12/12W/4000K	1876.2 lm	13.9 W	70
	108-2489	LED-12/24W/2700K	2588.6 lm	27 W	80
	108-2489-70	LED-12/24W/2700K	2780.3 lm	27 W	70
	108-1627	LED-12/24W/3000K	2780.3 lm	27 W	80
	108-1627-70	LED-12/24W/3000K	3163.8 lm	27 W	70
	108-1632	LED-12/24W/4000K	2972.1 lm	27 W	80
	108-1632-70	LED-12/24W/4000K	3355.6 lm	27 W	70
	108-2490	LED-18/18W/2700K	2147.8 lm	21 W	80
	108-2490-70	LED-18/18W/2700K	2295.9 lm	21 W	70
	108-1781	LED-18/18W/3000K	2295.9 lm	21 W	80
	108-1781-70	LED-18/18W/3000K	2666.2 lm	21 W	70
	108-1782	LED-18/18W/4000K	2518.1 lm	21 W	80
	108-1782-70	LED-18/18W/4000K	2814.3 lm	21 W	70
	108-2491	LED-18/36W/2700K	3882.9 lm	41 W	80
	108-2491-70	LED-18/36W/2700K	4170.5 lm	41 W	70
	108-1723	LED-18/36W/3000K	4170.5 lm	41 W	80
	108-1723-70	LED-18/36W/3000K	4745.7 lm	41 W	70
	108-1724	LED-18/36W/4000K	4458.1 lm	41 W	80
	108-1724-70	LED-18/36W/4000K	5033.3 lm	41 W	70

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A Fagerhult Group Company

Fagerhult Lighting Ltd
33-34 Dolben Street, SE1 0UQ London, United Kingdom
https://we-ef.com/uk

Subject to technical changes and errors.