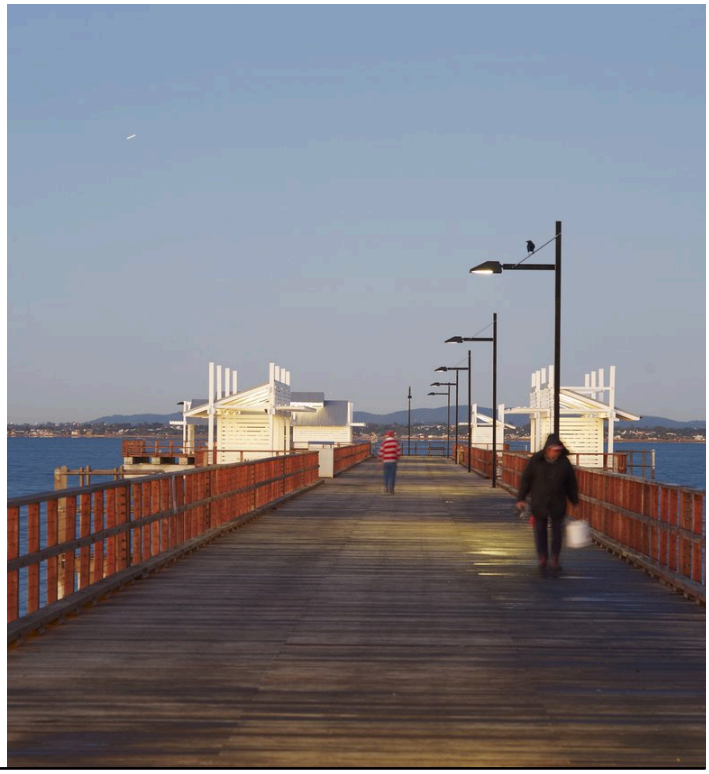


Pole-Mounted Luminaires

PFL240 LED

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

Including 0.5 m cable with a cable connector.

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

36 – 72 W	3548 – 8718 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

[P45L] pedestrian crossing, left-hand traffic

[P45R] pedestrian crossing, right-hand traffic

Colour temperature

2700K

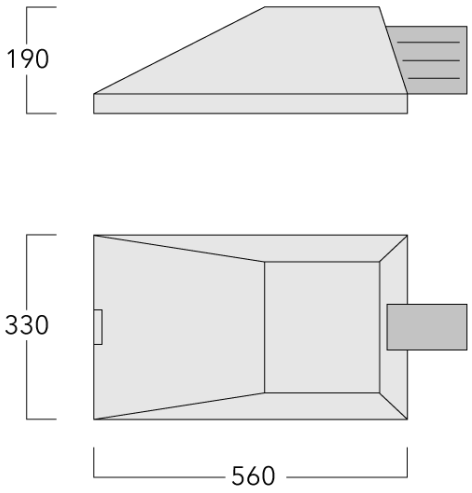
3000K

4000K

Wattage

36 W
48 W
54 W
72 W

Physical description



Length	560 mm
Width	330 mm
Weight	13.5 kg
Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens, hinged
Colours	RAL9004 Signal black; RAL9016 Traffic white; RAL7016 Anthracite grey; 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
Mounting	Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.075 m^2

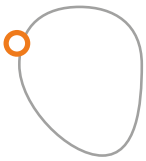
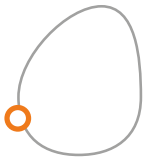
Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral electronic converter with DALI interface
Cable	Including 0.5 m cable with a cable connector
Surge protection	6/6 kV (optional SP10)
Energy efficiency	C-D (Light source)

Additional information

Listings	Listed on the AEMO load table at 28.6 W (12 LED version), at 55.5 W (24 LED version), at 81.2 W (36 LED version), at 108.8 W (48 LED version) and at 172.2 W (48 LED version)
Lifetime	Ta=25° L90B10 > 90000h

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
[A60] asymmetric, forward throw	108-2512	LED-18/36W/2700K	3630.5 lm	41 W	80
	108-1703	LED-18/36W/3000K	3899.5 lm	41 W	80
	108-1704	LED-18/36W/4000K	4168.4 lm	41 W	80
	108-2513	LED-18/54W/2700K	5513 lm	59 W	80
	108-1691	LED-18/54W/3000K	5782 lm	59 W	80
	108-1692	LED-18/54W/4000K	6050.9 lm	59 W	80
	108-2514	LED-24/48W/2700K	4840.7 lm	54 W	80
	108-1681	LED-24/48W/3000K	5199.3 lm	54 W	80
	108-1682	LED-24/48W/4000K	5557.9 lm	54 W	80
	108-2515	LED-24/72W/2700K	7350.7 lm	79 W	80
	108-1638	LED-24/72W/3000K	7709.3 lm	79 W	80
	108-1643	LED-24/72W/4000K	8067.9 lm	79 W	80
 [P45L] pedestrian crossing, left-hand traffic	108-1979	LED-24/72W/3000K	8330.8 lm	79 W	80
	108-1980	LED-24/72W/4000K	8718.3 lm	79 W	80
 [P45R] pedestrian crossing, right-hand traffic	108-2516	LED-24/72W/2700K	7943.3 lm	79 W	80
	108-1981	LED-24/72W/3000K	8330.8 lm	79 W	80
	108-1982	LED-24/72W/4000K	8718.3 lm	79 W	80
[P65] pedestrian/bicycle lane	108-1709	LED-18/36W/3000K	4251.5 lm	41 W	80
	108-1710	LED-18/36W/4000K	4544.7 lm	41 W	80
	108-1697	LED-18/54W/3000K	6304 lm	59 W	80
	108-1698	LED-18/54W/4000K	6597.2 lm	59 W	80
[R65] rectangular, side throw	108-2508	LED-18/36W/2700K	3547.9 lm	41 W	80
	108-1701	LED-18/36W/3000K	3810.7 lm	41 W	80
	108-1702	LED-18/36W/4000K	4073.5 lm	41 W	80
	108-2509	LED-18/54W/2700K	5387.5 lm	59 W	80
	108-1689	LED-18/54W/3000K	5650.3 lm	59 W	80
	108-1690	LED-18/54W/4000K	5913.1 lm	59 W	80
	108-2510	LED-24/48W/2700K	4730.5 lm	54 W	80
	108-1679	LED-24/48W/3000K	5080.9 lm	54 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	108-1680	LED-24/48W/4000K	5431.3 lm	54 W	80
	108-2511	LED-24/72W/2700K	7183.4 lm	79 W	80
	108-1634	LED-24/72W/3000K	7533.8 lm	79 W	80
	108-1639	LED-24/72W/4000K	7884.2 lm	79 W	80
[S65] asymmetric, side throw	108-2504	LED-18/36W/2700K	3894.3 lm	41 W	80
	108-1699	LED-18/36W/3000K	4182.7 lm	41 W	80
	108-1700	LED-18/36W/4000K	4471.2 lm	41 W	80
	108-2505	LED-18/54W/2700K	5913.5 lm	59 W	80
	108-1687	LED-18/54W/3000K	6202 lm	59 W	80
	108-1688	LED-18/54W/4000K	6490.5 lm	59 W	80
	108-2506	LED-24/48W/2700K	5192.4 lm	54 W	80
	108-1677	LED-24/48W/3000K	5577 lm	54 W	80
	108-1678	LED-24/48W/4000K	5961.6 lm	54 W	80
	108-2507	LED-24/72W/2700K	7884.7 lm	79 W	80
	108-1635	LED-24/72W/3000K	8269.3 lm	79 W	80
	108-1641	LED-24/72W/4000K	8654 lm	79 W	80

Pole-Mounted Luminaires

PFL240 LED

we-ef

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Subject to technical changes and errors.