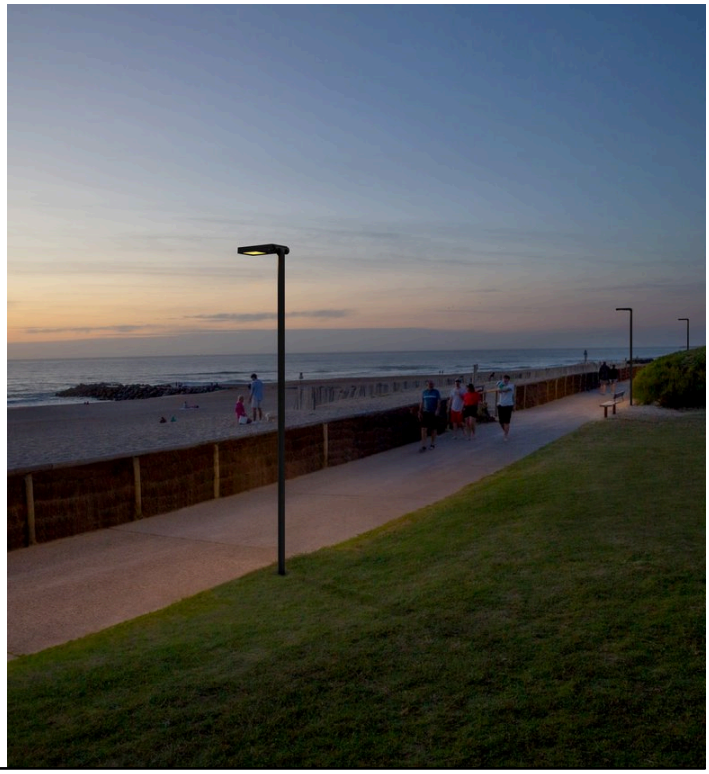


Pole-Mounted Luminaires

AFL130-ISP

Solar (ISP - integrated solar panel fully independent). IP66, Class III. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. CCG® Controlled Compression Gasket. Non-reflective flat safety glass cover, hinged. Combined LED driver, battery charger and light control unit. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. Flush installation of the solar module with the housing for a clean finish. Alignment of the solar panel only in combination with the luminaire. Can be used as post top or side entry version. Specification at time of order is recommended.

Spigot Ø 76 x 100 mm. Spigot Ø 60 x 100 mm or 42 x 100 mm option available. Must be indicated during order placement.

Optically, The [S60] light distribution has been optimised for Aus and NZ market specifically to AS/NZS1158 road and pathway lighting applications, combining high optical efficiency with excellent uniformity and glare control.

Contact WE-EF direct or your local WE-EF sales representative for an individual solution designed to precisely meet your needs.

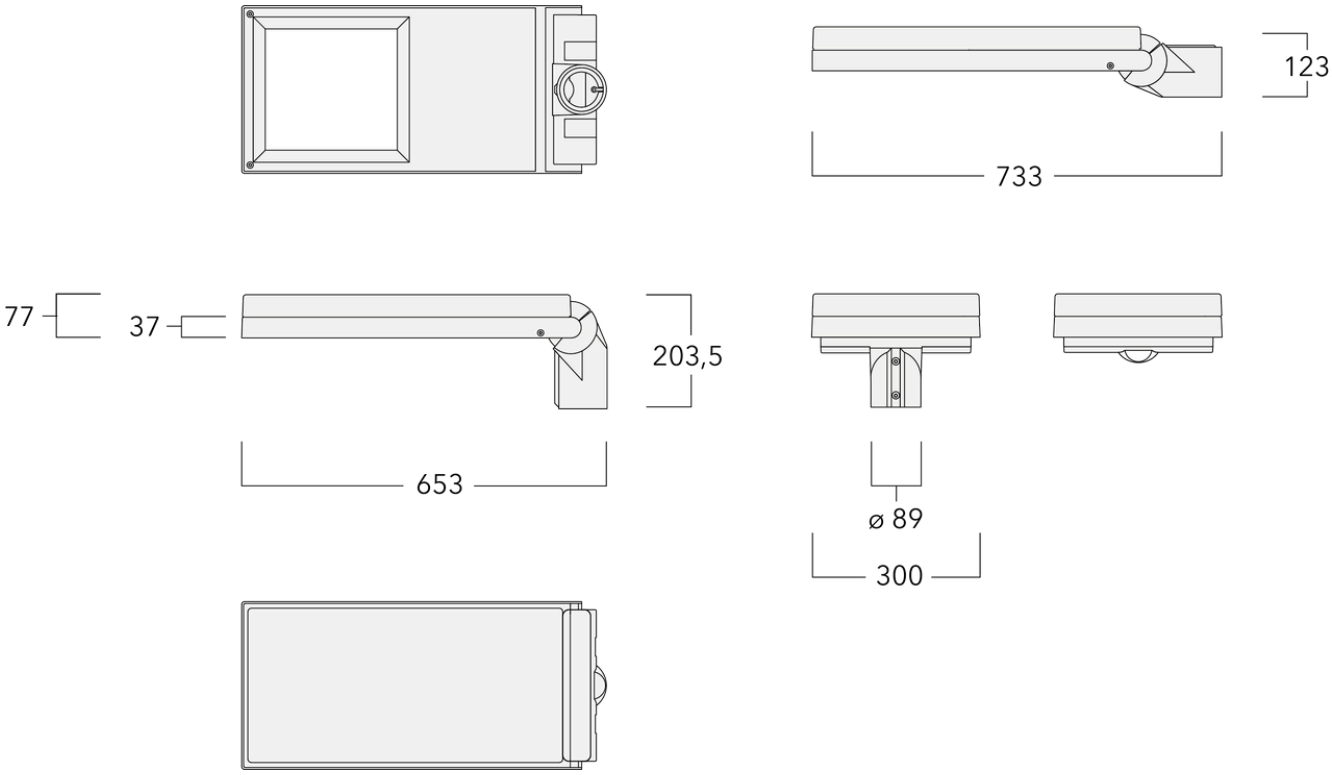
Integrated Solar Panel (ISP)	7.5 – 11 W	385 – 1774 lm	IP66 / IK08
Variant	Wattage	Rated lumens	IP / IK

Photometric files (IES, LDT) for light distributions [S70] [R60] [A61] [P66] with Backlight Shield on request.

Lighting

Light distribution	Colour temperature	Wattage
[S70] asymmetric, side throw	TA	7.5 W 11 W
[R60] rectangular, side throw	PCA	
[A60] asymmetric, forward throw	2700K	
[P65] pedestrian/bicycle lane	3000K	

Physical description



Length	653 mm
Width	300 mm
Weight	13.1 kg
Body	Marine-grade, die-cast aluminium alloy
Lens	Non-reflective safety glass lens
Colours	**RAL9004** Signal black; **RAL9006** White aluminium; **RAL9007** Grey aluminium; **RAL7016** Anthracite grey; **RAL9016** Traffic white
Gasket	CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Mounting	Spigot rotatable for either post top or side entry version. Must be indicated during order placement alongside spigot size.
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.191 m^2

Electrical description

Power supply	12 V DC
Driver / Ballast	Integral EC electronic converter
Cable	One cable entry M20, including 0,5m cable
Energy efficiency	D-E (Light source)

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
[A60] asymmetric, forward throw	102-0812	LED-24/7W/TA	398.6 lm	8 W	Amber
	102-0808	LED-24/11W/2700K	1585.3 lm	12 W	80
	102-1000	LED-24/11W/3000K	1694 lm	12 W	80
	102-0816	LED-24/11W/PCA	1173.1 lm	12 W	60
[P65] pedestrian/bicycle lane	102-0813	LED-24/7W/TA	387.6 lm	8 W	Amber
	102-0809	LED-24/11W/2700K	1541.7 lm	12 W	80
	102-1001	LED-24/11W/3000K	1647.5 lm	12 W	80
	102-0817	LED-24/11W/PCA	1140.9 lm	12 W	60
[R60] rectangular, side throw	102-0811	LED-24/7W/TA	384.5 lm	8 W	Amber
	102-0807	LED-24/11W/2700K	1529.2 lm	12 W	80
	102-0999	LED-24/11W/3000K	1634.1 lm	12 W	80
	102-0815	LED-24/11W/PCA	1131.6 lm	12 W	60
[S70] asymmetric, side throw	102-0810	LED-24/7W/TA	417.3 lm	8 W	Amber
	102-0806	LED-24/11W/2700K	1659.7 lm	12 W	80
	102-0998	LED-24/11W/3000K	1773.5 lm	12 W	80
	102-0814	LED-24/11W/PCA	1228.2 lm	12 W	60

Pole-Mounted Luminaires

AFL130-ISP

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Subject to technical changes and errors.