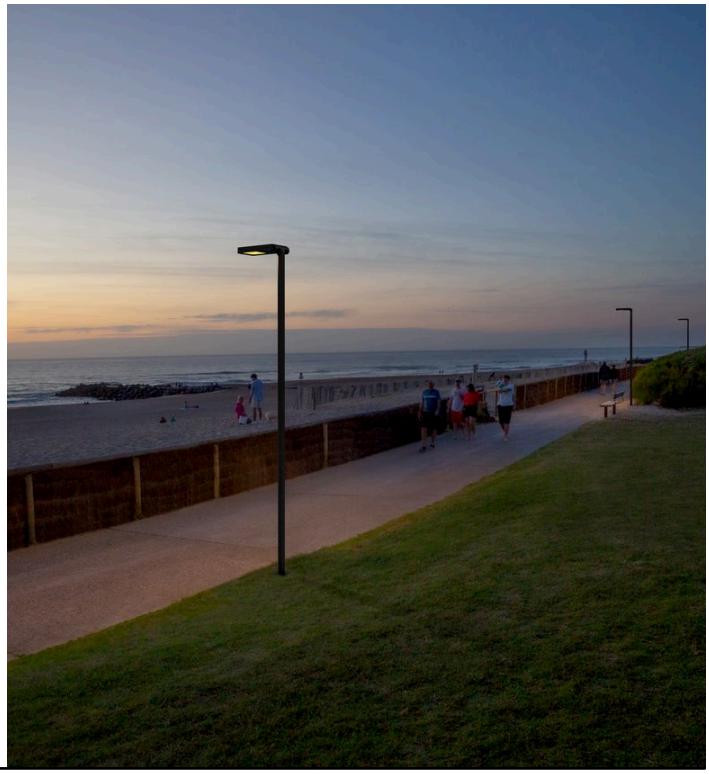


Pole-Mounted Luminaires

AFL130-ISP

Solar (ISP – integrated solar panel with hybrid power capability included as standard). When battery voltage is low, an integrated relay automatically switches the luminaire to an external 12 V DC supply. External power drives the luminaire directly, avoiding unnecessary battery charge and discharge cycles.

Ready-to-Connect R2C Bottom. IP66, Class III, IK08. Marine-grade, die-cast aluminium alloy. 5CE + Primer superior corrosion protection including PCS hardware. CCG® Controlled Compression Gasket. Non-reflective flat safety glass cover, hinged. Integral D4i-certified electronic LED driver. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory-installed WE-EF LED circuit board (Zhaga Book 15 compliant).

Flush installation of the solar module with the housing for a clean finish. Solar panel alignment is fixed relative to the luminaire. Suitable for post top or side entry installation. Specification at time of order is recommended. Spigot Ø 76 × 100 mm. Spigot Ø 60 × 100 mm or Ø 42 × 100 mm options available. Must be indicated during order placement.

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

Integrated Solar Panel (ISP)	4 – 8 W	525 – 1329 lm	IP66 / IK08
Variant	Wattage	Rated lumens	IP / IK

Photometric files (IES, LDT) available for light distributions [S60], [S70], [A60], [R60] and [P65].

Backlight Shield available on request. 2.5 W at idle, with 4 W, 6 W or 8 W output when motion is detected.

Lighting

Light distribution

- [S70] asymmetric, side throw
- [A60] asymmetric, forward throw
- [S60] asymmetric, side throw
- [P65] pedestrian/bicycle lane
- [R60] rectangular, side throw

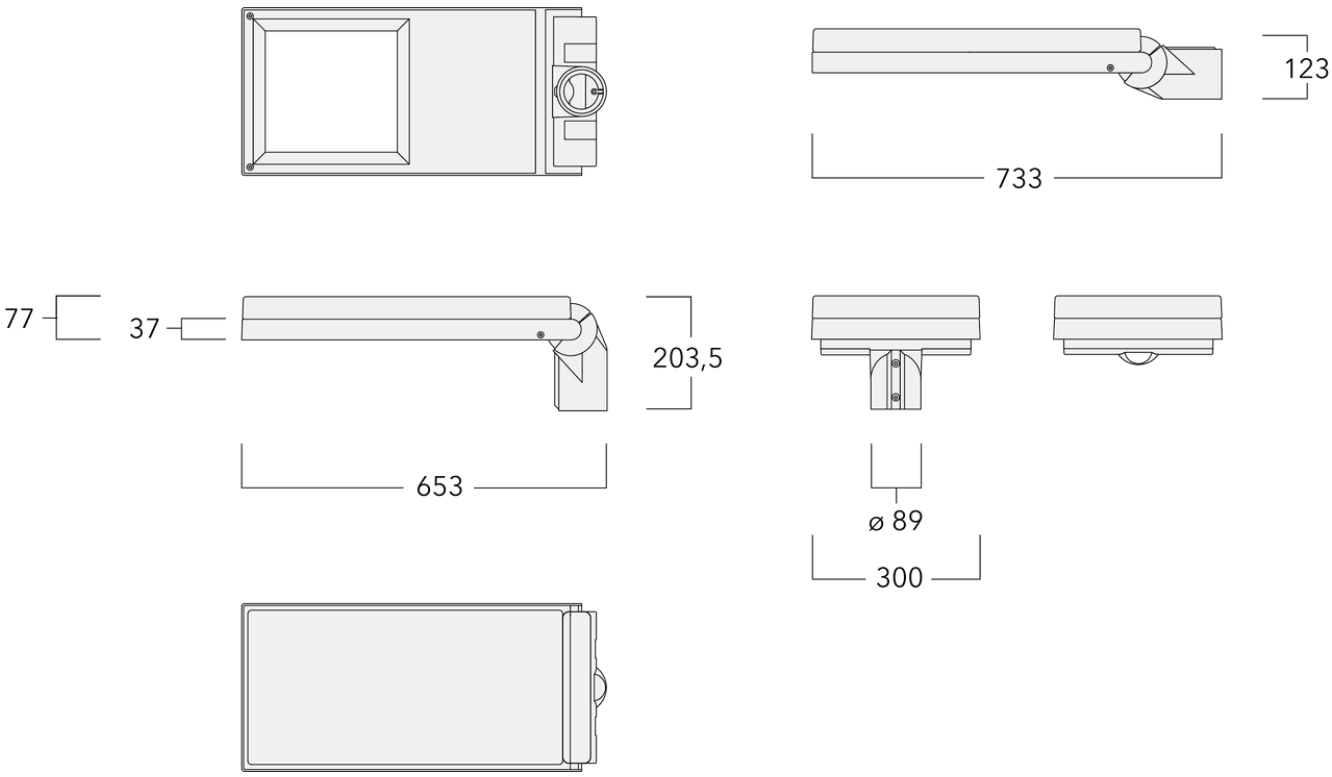
Colour temperature

- 2700K
- 3000K

Wattage

- 4 W
- 6 W
- 8 W

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
Gasket	Silicone 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+Primer
Windage	0.191 m^2

Electrical description

Power supply	12 V DC
Driver / Ballast	DALI D4i driver
Cable	700 mm hybrid pigtail with four-pin waterproof connector
Energy efficiency	

Additional information

ECO STEP DIM MOTION - Stand alone	004-8515 - ZHAGA18 PIR/LIGHT SENSOR BOTTOM MOUNTED
ECO STEP DIM MOTION - Mesh	004-8521 - ZHAGA18 PIR/LIGHT SENSOR CONTROLLER BOTTOM MOUNTED
ECO STEP DIM MOTION - Connected	004-8522 - ZHAGA18 PIR/LIGHT SENSOR CONTROLLER AND GATEWAY BOTTOM MOUNTED
Hybrid connection cable	004-8035 – 6 M matching connection cable, ordered separately
Hybrid power supply	400-8039 – 12 V DC power supply, ordered separately
Lifetime	Ta=40° L90B10 > 100000h

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
[A60] asymmetric, forward throw	102-8310	LED-24/4W/2700K	540 lm	5 W	70
	102-8311	LED-24/4W/3000K	614.8 lm	5 W	70
	102-8313	LED-24/6W/2700K	792.8 lm	7 W	70
	102-8314	LED-24/6W/3000K	902 lm	7 W	70
	102-8316	LED-24/8W/2700K	1039.5 lm	9 W	70
	102-8317	LED-24/8W/3000K	1181.1 lm	9 W	70
[P65] pedestrian/bicycle lane	102-8328	LED-24/4W/2700K	525.2 lm	5 W	70
	102-8329	LED-24/4W/3000K	597.9 lm	5 W	70
	102-8331	LED-24/6W/2700K	771 lm	7 W	70
	102-8332	LED-24/6W/3000K	877.2 lm	7 W	70
	102-8334	LED-24/8W/2700K	1011 lm	9 W	70
	102-8335	LED-24/8W/3000K	1148.7 lm	9 W	70
[R60] rectangular, side throw	102-8319	LED-24/4W/2700K	560 lm	5 W	70
	102-8320	LED-24/4W/3000K	637.6 lm	5 W	70
	102-8322	LED-24/6W/2700K	822.1 lm	7 W	70
	102-8323	LED-24/6W/3000K	935.4 lm	7 W	70
	102-8325	LED-24/8W/2700K	1078 lm	9 W	70
	102-8326	LED-24/8W/3000K	1224.8 lm	9 W	70
[S60] asymmetric, side throw	102-8337	LED-24/4W/2700K	596.4 lm	5 W	70
	102-8338	LED-24/4W/2700K	679.1 lm	5 W	70
	102-8340	LED-24/6W/2700K	875.6 lm	7 W	70
	102-8341	LED-24/6W/3000K	996.3 lm	7 W	70
	102-8343	LED-24/8W/2700K	1148.2 lm	9 W	70
	102-8344	LED-24/8W/3000K	1304.5 lm	9 W	70
[S70] asymmetric, side throw	102-8301	LED-24/4W/2700K	607.7 lm	5 W	70
	102-8302	LED-24/4W/3000K	692 lm	5 W	70
	102-8304	LED-24/6W/2700K	892.3 lm	7 W	70
	102-8305	LED-24/6W/3000K	1015.2 lm	7 W	70
	102-8307	LED-24/8W/2700K	1169.9 lm	9 W	70
	102-8308	LED-24/8W/3000K	1329.3 lm	9 W	70

Pole-Mounted Luminaires

AFL130-ISP

we-ef

A Fagerhult Group Company

WE-EF LIGHTING Pty Ltd
47 Tarnard Drive, 3195 Braeside, Victoria
Phone: +61 3 8587 0444
Fax: +61 3 8587 0499
info.australia@we-ef.com
https://we-ef.com/aus

Information and specifications subject to change without notice.