Description

R2S. 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. Integral LED driver, PMW interface (DALI, analogue dimming interface on request). The luminaire only has one input for the 24V DC supply voltage. Controls or sensors are not included and must be ordered separately depending on the solar system selected. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board (Zhaga Book 15 compliant). The luminaire is factory-sealed and does not need to be opened during installation. 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.

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

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

Weight	7.00 kg
Light distribution	rectangular, side throw [R60]
Light source	LED-24/36W / 500 mA - 3000 K
CRI	80
Power supply	EC
LEDs	24
Rated input power	39 W
Nominal Lumen (lm)	
LED Lumen	215
Total Lumen	5160
Tj	85
Rated lumens (lm)	
LED Lumen	196
Total Lumen	4703.9
Ta	25

Subject to technical changes and errors. - Generated on 04/02/2026

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*** IMPORTANT: Solar Panel not included (Third party supply) ***

——	C0/C180	—— C90/C270
		C30/C210
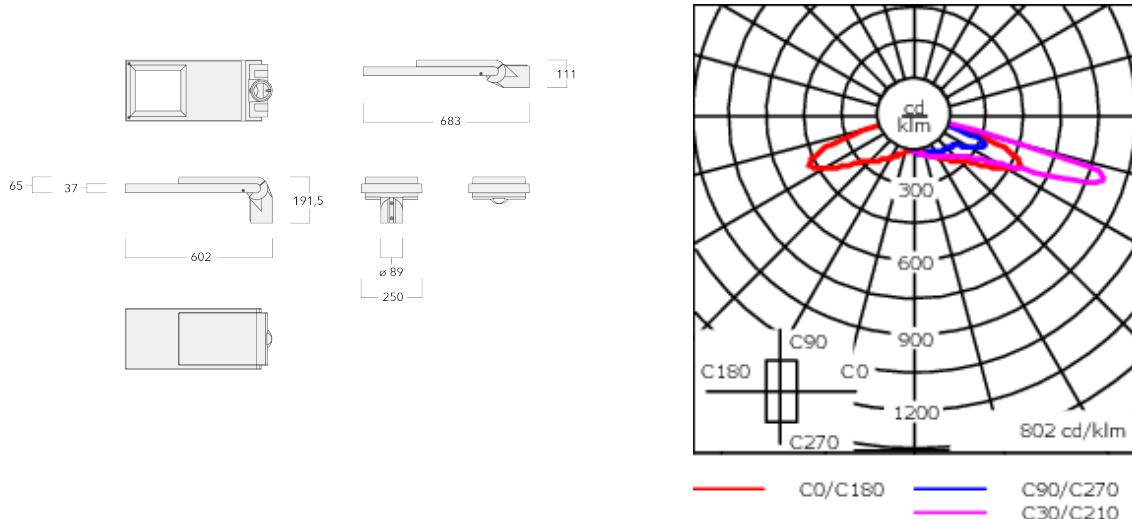
Specifications
Material description

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
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.146 m²

Electrical description

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Power supply	24V DC (0 HZ) battery voltage
Driver / Ballast	PWM. DALI and analogue dimming on request
Surge protection	75-100V automatic recovery

Additional information

Lifetime	Ta=25° L90B10 > 90000h
Energy efficiency class	C-D (Light source)

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Mounting Accessories

Bird deterrent

Description	Part ID
Bird deterrent BD	430-0015
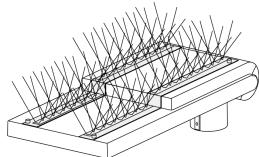
Adaptor

Description	Part ID
Adaptor AFL100	102-0392
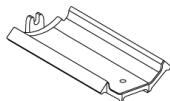
Optical Accessories

Backlight shield

Description	Part ID	Additional information
LS180	430-0029	Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [S61] [S65] [S66] [S70] [S71] [R60] [R61] [P66] [Q66] [A61] lenses. Must be specified at time of ordering.