





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. 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. 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 [A61] [P66] with Backlight Shield on request.

WE-EF LIGHTING USA, LLC

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Subject to technical changes and errors. - Generated on 02/28/2026

Specifications

Material description

Colors

RAL9004

Signal black

RAL9007

Grey aluminium

RAL9016

Traffic white

RAL8019

Grey brown

Ingress protection IP66

Impact resistance IK08

Electrical description

Power supply 24V DC (0 HZ) battery voltage

Energy efficiency C-D (Light source)

Additional information

Length x Width
(inches) 23.70 x 9.80

Lifetime Ta=25°/40° L90B10 > 90000h

Options

Light distribution	Color temperature	Nominal Watt
 [S70] Type II Short	 2700K	24 W 36 W
 [R60] Type IV Short	A	
 [A60] Type IV Very Short	 PCA	
 [P65] Type II Medium	 3000K	
	24W3K	

Configurations

Light distribution	Part ID	Light source	Delivered lumens	Rated input power	CRI
 [A60] Type IV Very Short	102-0832	LED-24/24W/2700K	3136.5 lm	24 W	80
	102-0992	LED-24/24W/3000K	3352.9 lm	24 W	80
	102-0836	LED-24/24W/A	865.3 lm	24 W	
	102-0840	LED-24/24W/PCA	2379.4 lm	24 W	60
	102-0844	LED-24/36W/2700K	4120.3 lm	36 W	80
	102-0996	LED-24/36W/3000K	4429.4 lm	36 W	80
	102-0848	LED-24/36W/A	1133.1 lm	36 W	
	102-0852	LED-24/36W/PCA	3296.3 lm	36 W	60
 [P65] Type II Medium	102-0993	LED-2/24W/24W3K	3114.9 lm	24 W	80
	102-0833	LED-24/24W/2700K	3059.5 lm	24 W	80
	102-0837	LED-24/24W/A	844 lm	24 W	
	102-0841	LED-24/24W/PCA	2321 lm	24 W	60
	102-0997	LED-24/36W/3000K	4320.6 lm	36 W	80
	102-0849	LED-24/36W/A	1105.3 lm	36 W	
	102-0853	LED-24/36W/PCA	3215.3 lm	36 W	60
	102-0831	LED-24/24W/2700K	3005.7 lm	24 W	80
 [R60] Type IV Short	102-0991	LED-24/24W/3000K	3213 lm	24 W	80
	102-0835	LED-24/24W/A	829.2 lm	24 W	
	102-0839	LED-24/24W/PCA	2280.2 lm	24 W	60
	102-0843	LED-24/36W/2700K	4375.7 lm	36 W	80
	102-0995	LED-24/36W/3000K	4703.9 lm	36 W	80
	102-0847	LED-24/36W/A	1203.3 lm	36 W	
	102-0851	LED-24/36W/PCA	3500.6 lm	36 W	60
	102-0830	LED-24/24W/2700K	3229.6 lm	24 W	80
 [S70] Type II Short	102-0990	LED-24/24W/3000K	3452.3 lm	24 W	80
	102-0834	LED-24/24W/A	890.9 lm	24 W	
	102-0838	LED-24/24W/PCA	2450 lm	24 W	60
	102-0842	LED-24/36W/2700K	4242.6 lm	36 W	80
	102-0994	LED-24/36W/3000K	4560.8 lm	36 W	80
	102-0846	LED-24/36W/A	1166.7 lm	36 W	
	102-0850	LED-24/36W/PCA	3394.1 lm	36 W	60