

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, PWM 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 \varnothing 76 x 100 mm. Spigot \varnothing 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] [A60] [P65] with Backlight Shield on request.

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

Specifications

Material description




| | | | | |
|-------------------|--------------------|-----------------|----------------|-----------------|
| Colours | RAL9004 | RAL9006 | RAL9007 | RAL7016 |
| | Signal black | White aluminium | Grey aluminium | Anthracite grey |
| | RAL9016 | | | |
| | Traffic white | | | |
| | Ingress protection | IP66 | | |
| Impact resistance | IK08 | | | |

Electrical description

| | |
|-------------------|-------------------------------|
| Power supply | 24V DC (0 HZ) battery voltage |
| Energy efficiency | C-D (Light source) |

Additional information

| | |
|----------|------------------------|
| Lifetime | Ta=25° L90B10 > 90000h |
|----------|------------------------|

Options**Light distribution** [S70] asymmetric, side throw [R60] rectangular, side throw [A60] asymmetric, forward throw [P65] pedestrian/bicycle lane**Colour temperature** 2700K

A

 PCA 3000K





24W3K

Nominal Watt

24 W

36 W

Configurations

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI |
|---|------------------|------------------|--------------|-------------------|-----|
|  <p>[A60] asymmetric, forward throw</p> | 102-0832 | LED-24/24W/2700K | 3189.7 lm | 24 W | 80 |
| | 102-0992 | LED-24/24W/3000K | 3409.7 lm | 24 W | 80 |
| | 102-0836 | LED-24/24W/A | 1429.9 lm | 24 W | 70 |
| | 102-0840 | LED-24/24W/PCA | 2859.7 lm | 24 W | 60 |
| | 102-0844 | LED-24/36W/2700K | 4092.6 lm | 36 W | 80 |
| | 102-0996 | LED-24/36W/3000K | 4399.5 lm | 36 W | 80 |
| | 102-0848 | LED-24/36W/A | 1841.7 lm | 36 W | 70 |
|  <p>[P65] pedestrian/bicycle lane</p> | 102-0852 | LED-24/36W/PCA | 3683.3 lm | 36 W | 60 |
| | 102-0993 | LED-2/24W/24W3K | 3177.4 lm | 24 W | 80 |
| | 102-0833 | LED-24/24W/2700K | 3195.4 lm | 24 W | 80 |
| | 102-0837 | LED-24/24W/A | 1432.4 lm | 24 W | 70 |
| | 102-0841 | LED-24/24W/PCA | 2864.8 lm | 24 W | 60 |
| | 102-0997 | LED-24/36W/3000K | 4407.4 lm | 36 W | 80 |
| | 102-0849 | LED-24/36W/A | 1845 lm | 36 W | 70 |
|  <p>[R60] rectangular, side throw</p> | 102-0853 | LED-24/36W/PCA | 3689.9 lm | 36 W | 60 |
| | 102-0831 | LED-24/24W/2700K | 3005.7 lm | 24 W | 80 |
| | 102-0991 | LED-24/24W/3000K | 3213 lm | 24 W | 80 |
| | 102-0835 | LED-24/24W/A | 1347.4 lm | 24 W | 70 |
| | 102-0839 | LED-24/24W/PCA | 2694.8 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 |
|  <p>[S70] asymmetric, side throw</p> | 102-0847 | LED-24/36W/A | 1969.1 lm | 36 W | 70 |
| | 102-0851 | LED-24/36W/PCA | 3938.1 lm | 36 W | 60 |
| | 102-0830 | LED-24/24W/2700K | 3229.6 lm | 24 W | 80 |
| | 102-0990 | LED-24/24W/3000K | 3452.3 lm | 24 W | 80 |
| | 102-0834 | LED-24/24W/A | 1447.8 lm | 24 W | 70 |
| | 102-0838 | LED-24/24W/PCA | 2895.5 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 | 1909.2 lm | 36 W | 70 | |
| 102-0850 | LED-24/36W/PCA | 3818.4 lm | 36 W | 60 | |