

## FLC301 Surface mounted



### Description

IP66. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection + primer including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control.

Mains voltage versions, ON-OFF Class I. Integral EC electronic converter.

24VDC low voltage versions, ON-OFF Class III.

Remote 24VDC power supply to be ordered separately.

|                           |                            |
|---------------------------|----------------------------|
| Weight                    | 0.80 kg                    |
| Light distribution        | symmetric, wide beam [B]   |
| Light source              | LED-1/4W / 350 mA - 4000 K |
| CRI                       | 80                         |
| Power supply              | EC                         |
| LEDs                      | 1                          |
| Rated input power         | 5 W                        |
| <b>Rated lumens (lm)</b>  |                            |
| LED Lumen                 | 410.1                      |
| Total Lumen               | 410.1                      |
| Ta                        | 25                         |
| <b>Nominal Lumen (lm)</b> |                            |
| LED Lumen                 | 530                        |
| Total Lumen               | 530                        |
| Tc                        | 25                         |

### WE-EF LIGHTING Pty Ltd

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## Specifications

### Material description

|                      |  |
|----------------------|--|
| Body                 | Marine-grade, die-cast aluminium alloy   |
| Lens                 | Safety glass lens  |
| Colours              | <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> <span>RAL9004 Signal black</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #cccccc; margin-right: 5px;"></div> <span>RAL9006 White aluminium</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #808080; margin-right: 5px;"></div> <span>RAL9007 Grey aluminium</span> </div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket  |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware (unpainted)  |
| Ingress protection   | IP66   |
| Impact resistance    | IK07   |
| Corrosion resistance | 5CE+Primer   |
| Windage              | 0.01 m <sup>2</sup>  |

### Electrical description

|                  |                                  |
|------------------|----------------------------------|
| Driver / Ballast | Integral EC electronic converter |
| Power factor     | >0.9                             |

### Additional information

|          |                                     |
|----------|-------------------------------------|
| Lifetime | T <sub>a</sub> =40° L90B10 > 90000h |
|----------|-------------------------------------|

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**Mounting Accessories**

**Planted root**

| Description       | Part ID     | D1  | D2  | D3 | D4 | H1  | H2  | M1 | T1  | T2       | Weight (kg) |
|-------------------|-------------|-----|-----|----|----|-----|-----|----|-----|----------|-------------|
| Planted root ESV4 | 300-0461-AP | 150 | 130 | 60 | 89 | 400 | 350 | 8  | 200 | 50 x 100 | 3.85        |



**Short post EM**

| Description               | Part ID  | A  | B   | C1  | D1  | Weight (kg) |
|---------------------------|----------|----|-----|-----|-----|-------------|
| Short post EM1 for FLC301 | 145-9200 | 26 | 200 | 100 | 160 | 1.10        |



### Optical Accessories

#### Linear spread lens

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| Description               | Part ID  | C1   |
|---------------------------|----------|------|
| Linear spread lens IO-180 | 145-7229 | 42.5 |

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#### Wallwash lens

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| Description         | Part ID  | C1   |
|---------------------|----------|------|
| Wallwash lens IO-20 | 145-7230 | 42.5 |

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**Honeycomb louvre**

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| Description         | Part ID  | C1   |
|---------------------|----------|------|
| Honeycomb louvre IW | 145-7231 | 42.5 |

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**Glare shield**

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| Description     | Part ID  | A    | C1 |
|-----------------|----------|------|----|
| Glare shield ES | 145-7232 | 20.5 | 58 |

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**Snoot**

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| Description | Part ID  | A    | C1 |
|-------------|----------|------|----|
| Snoot ET    | 145-7233 | 22.5 | 58 |

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**145-7194+0025**

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## **Control**

### **ON-OFF, 24VDC low voltage version**

| Description               | Part ID |
|---------------------------|---------|
| 24VDC low voltage version | 0025    |

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