



### Description

IP66. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation. Knuckle permits 340° rotation, forward tilt 30° and backward tilt 90°.

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.

Optical accessories are factory-installed. To be specified at time of ordering.

|                    |                                      |
|--------------------|--------------------------------------|
| Weight             | 0.80 kg                              |
| Light distribution | linear spread, very narrow beam [EE] |
| Light source       | LED-1/4W / 350 mA - 2700 K           |
| CRI                | 80                                   |
| Power supply       | EC                                   |
| LEDs               | 1                                    |
| Rated input power  | 5 W                                  |

### Nominal Lumen (lm)

|                |     |
|----------------|-----|
| LED Lumen      | 490 |
| Total Lumen    | 490 |
| T <sub>j</sub> | 85  |

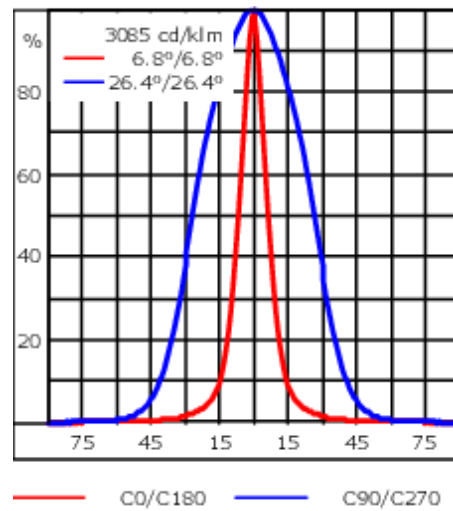
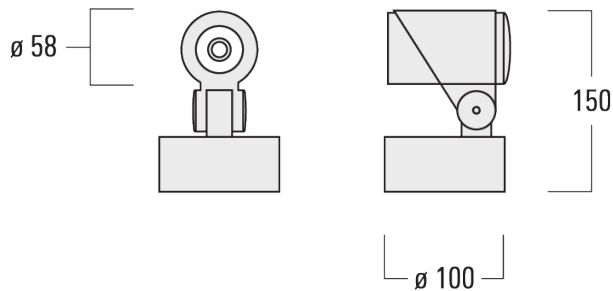
### Rated lumens (lm)

|                |       |
|----------------|-------|
| LED Lumen      | 384.6 |
| Total Lumen    | 384.7 |
| T <sub>a</sub> | 25    |

145-7198+145-7229

FLC301 Surface mounted

**we-ef**



## Specifications

### Material description

|                      |   |
|----------------------|---|
| Body                 | Marine-grade, die-cast aluminium alloy  |
| Lens                 | Safety glass lens   |
| Colours              | <ul style="list-style-type: none"><li>■ RAL9004 Signal black</li><li>■ RAL9006 White aluminium</li><li>■ RAL9007 Grey aluminium</li><li>■ RAL7016 Anthracite grey</li><li>■ RAL9016 Traffic white</li></ul> |
| Gasket               | Silicone CCG® Controlled Compression Gasket   |
| Fasteners            | PCS hardware  |
| Ingress protection   | IP66  |
| Impact resistance    | IK07  |
| Corrosion resistance | 5CE   |
| Windage              | 0.01 m <sup>2</sup>   |

### Electrical description

|                  |                                  |
|------------------|----------------------------------|
| Power supply     | 220-240V / 50-60 Hz              |
| Driver / Ballast | Integral EC electronic converter |
| Power factor     | >0.9                             |

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**145-7198+145-7229**

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**Additional information**

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Lifetime Ta=25° L90B10 > 90000h

Energy efficiency class D-E (Light source)

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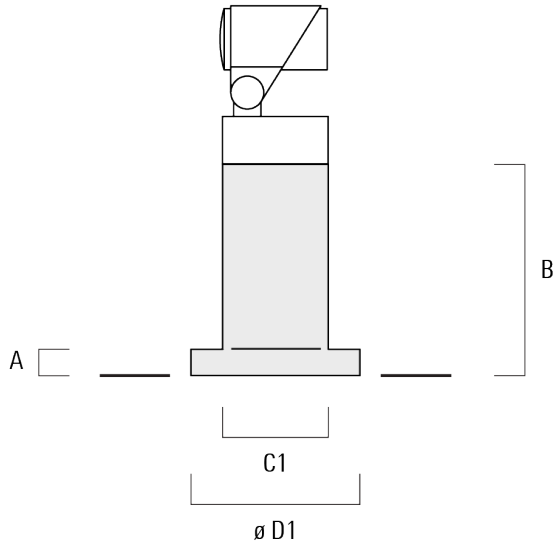
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**Mounting Accessories**

**Short post EM**

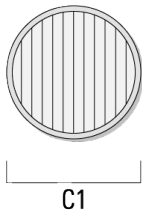
| Description               | Part ID  | A  | B   | C1  | D1  | Weight (kg) |
|---------------------------|----------|----|-----|-----|-----|-------------|
| Short post EM1 for FLC301 | 145-9200 | 26 | 200 | 100 | 160 | 1.10        |



### Optical Accessories

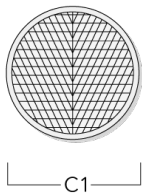
#### Linear spread lens

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



#### Wallwash lens

| Description         | Part ID  | C1   |
|---------------------|----------|------|
| IO-20-WW-FLC301-LED | 145-7230 | 42.5 |



#### Honeycomb louvre

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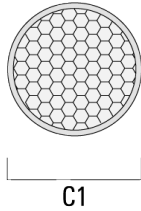
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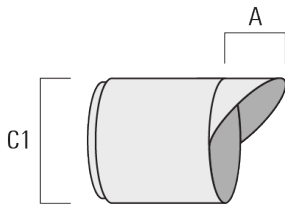
**FLC301 Surface mounted**

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



**Glare shield**

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



**Snoot**

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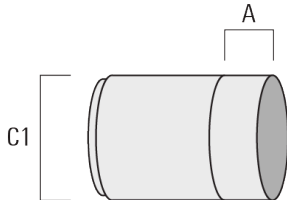
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**FLC301 Surface mounted**

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

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**FLC301 Surface mounted**

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