

146-0498

FLC131 LED

**we-ef**



### Description

IP66, Class I. Class II on request. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. Integral EC electronic converter in thermally separated compartment. 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 the installation.

Optional 2200 K version available. To be specified at time of ordering.

|                    |                                  |
|--------------------|----------------------------------|
| Weight             | 2.50 kg                          |
| Light distribution | symmetric, very narrow beam [EE] |
| Light source       | LED-12/24W / 700 mA - 4000 K     |
| CRI                | 80                               |
| Power supply       | EC                               |
| LEDs               | 12                               |
| Rated input power  | 27 W                             |

### Nominal Lumen (lm)

|                |      |
|----------------|------|
| LED Lumen      | 310  |
| Total Lumen    | 3720 |
| T <sub>j</sub> | 85   |

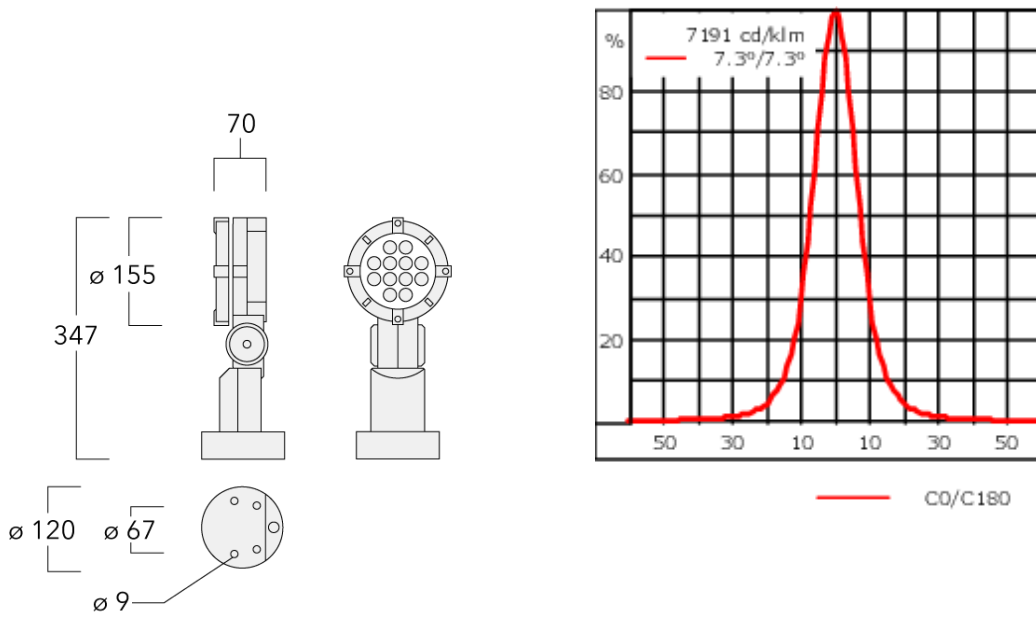
### Rated lumens (lm)

|                |        |
|----------------|--------|
| LED Lumen      | 256.9  |
| Total Lumen    | 3082.5 |
| T <sub>a</sub> | 25     |

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## Specifications

### Material description

|                      |  |
|----------------------|--|
| Body                 | Marine-grade, die-cast aluminium alloy   |
| Lens                 | Safety glass lens  |
| Colours              | <div style="display: flex; flex-direction: column; gap: 5px;"> <div><span style="display: inline-block; width: 20px; height: 10px; background-color: black; margin-right: 5px;"></span> RAL9004 Signal black</div> <div><span style="display: inline-block; width: 20px; height: 10px; background-color: #cccccc; margin-right: 5px;"></span> RAL9006 White aluminium</div> <div><span style="display: inline-block; width: 20px; height: 10px; background-color: #808080; margin-right: 5px;"></span> RAL9007 Grey aluminium</div> <div><span style="display: inline-block; width: 20px; height: 10px; background-color: #333333; margin-right: 5px;"></span> RAL7016 Anthracite grey</div> <div><span style="display: inline-block; width: 20px; height: 10px; background-color: #e0e0e0; margin-right: 5px;"></span> RAL9016 Traffic white</div> </div> |
| Gasket               | Silicone rubber gaskets  |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware  |
| Ingress protection   | IP66   |
| Impact resistance    | IK07   |
| Corrosion resistance | 5CE  |
| Windage              | 0.041 m <sup>2</sup>   |

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### **Electrical description**

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|                  |   |
|------------------|---|
| Power supply     | 220-240V / 50-60 Hz   |
| Driver / Ballast | Integral EC electronic converter in thermally-separated compartment |
| Surge protection | 1/2 kV  |

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### **Additional information**

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

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## Optical Accessories

### Glare shield

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| Description     | Part ID  | A   | C1  |
|-----------------|----------|-----|-----|
| Glare shield ES | 146-0156 | 110 | 100 |

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### Snoot

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| Description | Part ID  | A    | C1  |
|-------------|----------|------|-----|
| Snoot ET    | 146-0397 | 95,5 | 126 |

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**Flood lens**

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| Description | Part ID  | C1  |
|-------------|----------|-----|
| IO-360      | 146-0623 | 110 |

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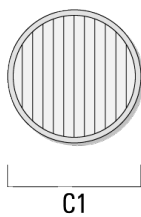
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**Linear spread lens**

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| Description       | Part ID  | C1     |
|-------------------|----------|--------|
| IO-180-FLC131-LED | 146-0418 | 110.00 |

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**FLC131 LED**

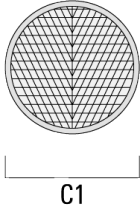
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**Wallwash lens**

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| Description         | Part ID  | C1  |
|---------------------|----------|-----|
| IO-20-WW-FLC131-LED | 146-0645 | 110 |

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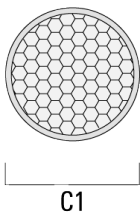
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**Honeycomb louvre**

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| Description               | Part ID  | C1  |
|---------------------------|----------|-----|
| IW-FLC131-LED - [EE][EES] | 146-0625 | 110 |

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## Mounting Accessories

### Pipe clamp SP

| Description                           | Part ID  | D1    | Weight (kg) | D     |
|---------------------------------------|----------|-------|-------------|-------|
| SP1-2/M8 Pole clamp, single (Ø 76-89) | 146-0246 | 76-89 | 1.20        | 76-89 |



|                                       |          |       |   |       |
|---------------------------------------|----------|-------|---|-------|
| SP2-2/M8 Pole clamp, double (Ø 38-60) | 146-0247 | 38-60 | 1 | 38-66 |
|---------------------------------------|----------|-------|---|-------|



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| Description                           | Part ID  | D1    | Weight (kg) | D     |
|---------------------------------------|----------|-------|-------------|-------|
| SP2-2/M8 Pole clamp, double (Ø 76-89) | 146-0248 | 76-89 | 1.20        | 76-89 |

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|                                       |          |       |   |       |
|---------------------------------------|----------|-------|---|-------|
| SP1-2/M8 Pole clamp, single (Ø 38-60) | 146-0245 | 38-60 | 1 | 38-66 |
|---------------------------------------|----------|-------|---|-------|

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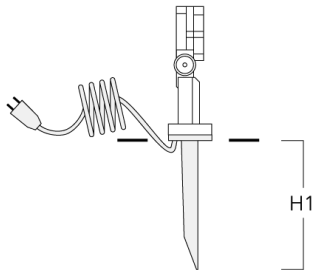
**Short post EM**

| Description | Part ID  | D1  | D2  | H1  | M1 | Weight (kg) |
|-------------|----------|-----|-----|-----|----|-------------|
| EM1-2/M8    | 146-0253 | 160 | 130 | 200 | 9  | 1.10        |



**Ground spike EF**

| Description           | Part ID  | H1  | Weight (kg) |
|-----------------------|----------|-----|-------------|
| Ground spike EF1-2/M8 | 146-0251 | 270 | 0.40        |



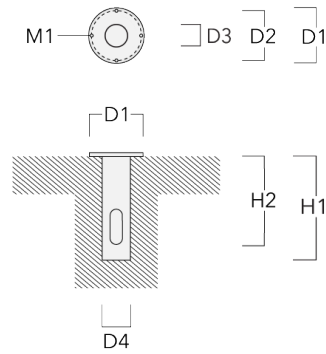
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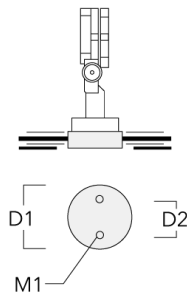
**Planted root**

| Description       | Part ID  | D1  | D2  | D3  | D4  | H1  | H2  | M1 | Weight(kg) |
|-------------------|----------|-----|-----|-----|-----|-----|-----|----|------------|
| Planted root ESV4 | 300-0461 | 145 | 130 | 102 | 108 | 400 | 350 | 8  | 7.85       |



**Junction box JB1**

| Description      | Part ID  | D1  | D2 | M1 | Weight(kg) |
|------------------|----------|-----|----|----|------------|
| JB1 Junction box | 310-9000 | 135 | 67 | 9  | 1.6        |



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