

146-0498

FLC131 LED POST

**we-ef**



**Description**

IP66. Class I. IK07. Marine-grade, die-cast aluminum alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. CAD-optimized optics for superior illumination and glare control. Integral driver in thermally separated compartment. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming comes standard with luminaire. Luminaire is factory-sealed and does not need to be opened during installation.

Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately.

Example: XXX-XXXX-9004 (Black).  
+ XXX-XXXX (Accessory 1)

|                    |                                  |
|--------------------|----------------------------------|
| Weight             | 5.50 lb                          |
| Light distribution | symmetric, very narrow beam [VN] |
| Light source       | LED-12/24W / 700 mA - 4000 K     |
| CRI                | 80                               |
| Power supply       | electronic gear                  |
| LEDs               | 12                               |
| Rated input power  | 27 W                             |

**Nominal Lumen (lm)**

|             |      |
|-------------|------|
| LED Lumen   | 310  |
| Total Lumen | 3720 |
| Tj          | 85   |

**Rated lumens (lm)**

|             |        |
|-------------|--------|
| LED Lumen   | 256.9  |
| Total Lumen | 3082.5 |
| Ta          | 25     |

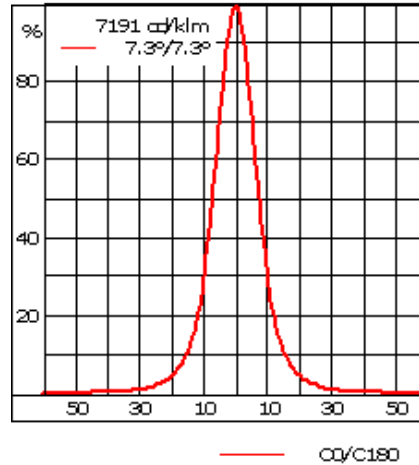
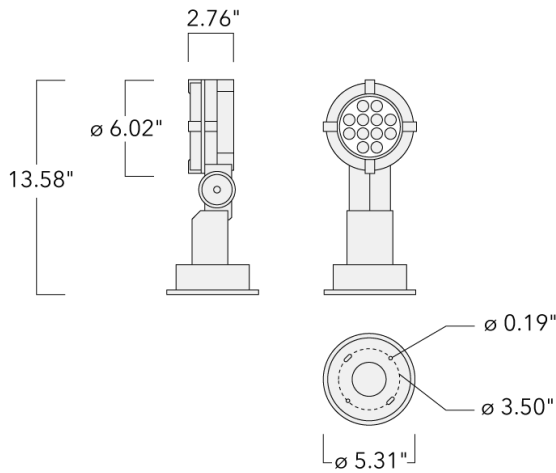
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**Specifications**

**Material description**

|                      |   |
|----------------------|---|
| Body                 | Marine-grade, die-cast aluminium alloy  |
| Lens                 | Safety glass lens   |
| Colors               | <div style="display: flex; flex-direction: column; gap: 5px;"> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: black; margin-right: 5px;"></span> RAL9004 Black</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: grey; margin-right: 5px;"></span> RAL9007 Grey Metallic</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: white; margin-right: 5px;"></span> RAL9016 White</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: darkgrey; margin-right: 5px;"></span> RAL8019 Dark Bronze</div> </div> |
| Gasket               | Silicone rubber gasket  |
| Fasteners            | PCS polymer coated stainless steel  |
| Ingress protection   | IP66  |
| Impact resistance    | IK07  |
| Corrosion resistance | 5CE   |
| Windage              | 0.041 m <sup>2</sup>  |

**Electrical description**

|                  |   |
|------------------|---|
| Power supply     | Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order. |
| Driver / Ballast | Integral EC electronic converter in thermally-separated compartment.                    |

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**Additional information**

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Lifetime Ta=25°/40° L90B10 > 90000h

Listings ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations.

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## Optical Accessories

### Glare shield

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| Description     | Part ID  | A    | C1   |
|-----------------|----------|------|------|
| Glare shield ES | 146-0156 | 4.33 | 3.94 |

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**Snoot**

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| Description | Part ID  | A    | C1   |
|-------------|----------|------|------|
| Snoot ET    | 146-0397 | 3.76 | 4.96 |

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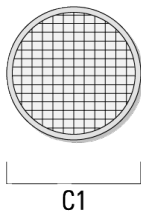
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**Softening Lens**

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| Description | Part ID  | C1    |
|-------------|----------|-------|
| IO-360      | 146-0623 | 4.33" |

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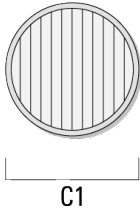
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**Linear spread lens**

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| Description       | Part ID  | C1   |
|-------------------|----------|------|
| IO-180-FLC131-LED | 146-0418 | 4.30 |

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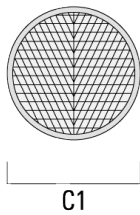
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**Wallwash lens**

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| Description         | Part ID  | C1   |
|---------------------|----------|------|
| IO-20-WW-FLC131-LED | 146-0645 | 4.33 |

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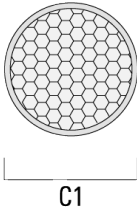
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**Honeycomb louvre**

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| Description   | Part ID  | C1   |
|---------------|----------|------|
| IW-FLC131-LED | 146-0625 | 4.33 |

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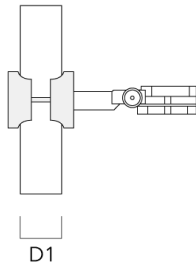
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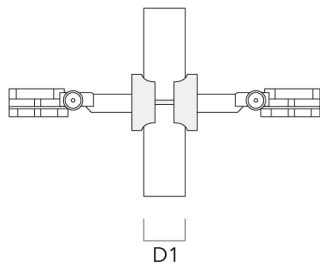
## Mounting Accessories

### Pipe clamp SP

| Description                             | Part ID  | D1    | M1 | Weight (lb) | D     |
|---|----------|-------|----|-------------|-------|
| SP1-2/M8 Pipe clamp, single (Ø 3"-3.5") | 146-0246 | 3-3.5 |    | 1.20        | 76-89 |



|  |          |             |     |          |       |
|--|----------|-------------|-----|----------|-------|
| SP2-2/M8 Pipe clamp, double (Ø 1.5"-2.36") | 146-0247 | 1.50"-2.36" | .35 | 2.20 lbs | 38-66 |
|--|----------|-------------|-----|----------|-------|



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| Description                             | Part ID  | D1        | M1 | Weight (lb) | D     |
|---|----------|-----------|----|-------------|-------|
| SP2-2/M8 Pipe clamp, double (Ø 3"-3.5") | 146-0248 | 3.0"-3.5" |    | 2.65 lbs    | 76-89 |

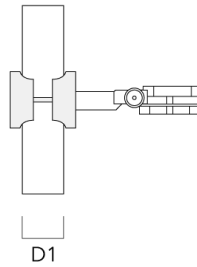
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|  |          |       |   |       |
|--|----------|-------|---|-------|
| SP1-2/M8 Pipe clamp, single (Ø 1.5"-2.36") | 146-0245 | 38-60 | 1 | 38-66 |
|--|----------|-------|---|-------|

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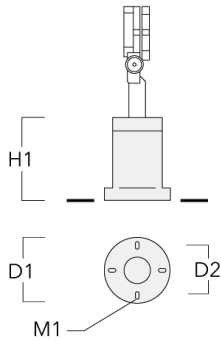
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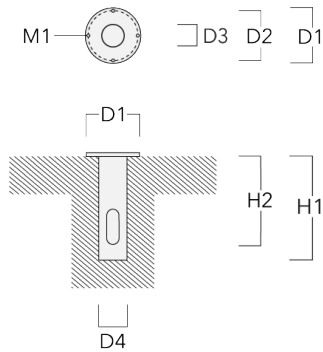
**Short post EM**

| Description | Part ID  | D1  | D2   | H1   | M1   | Weight (lb) |
|-------------|----------|-----|------|------|------|-------------|
| EM1-2/M8    | 146-0253 | 6.3 | 5.12 | 7.87 | 0.35 | 3.00        |



**Planted root**

| Description       | Part ID  | D1   | D2   | D3   | D4   | H1    | H2    | M1  | Weight (lb) |
|-------------------|----------|------|------|------|------|-------|-------|-----|-------------|
| Planted root ESV4 | 300-0461 | 5.71 | 5.12 | 4.01 | 4.25 | 15.75 | 13.78 | .31 | 15.50       |



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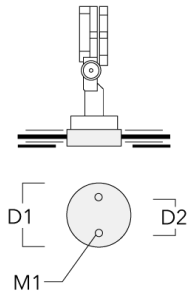
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**Junction box JB1**

| Description      | Part ID  | D1   | D2   | M1   | Weight (lb) |
|------------------|----------|------|------|------|-------------|
| JB1 Junction box | 310-9000 | 5.31 | 2.64 | 0.35 | 3.53        |



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