

145-0284

FLC121 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.

Knuckle permits 350° horizontal and 90° vertical aiming of optics.

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

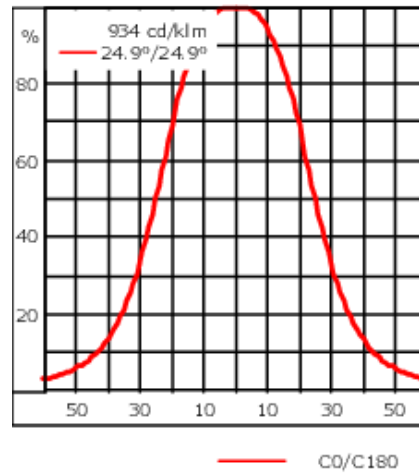
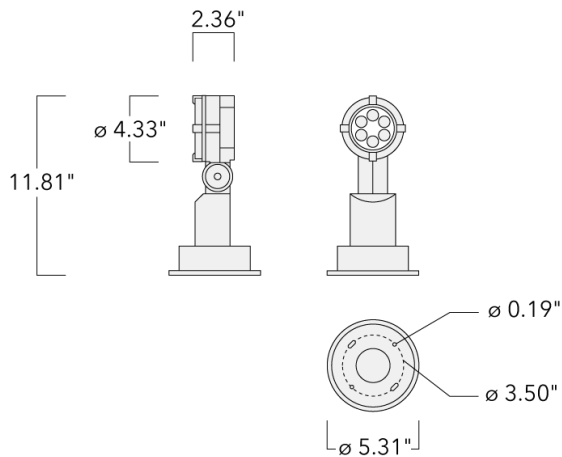
Example: XXX-XXXX-9004 (Black)  
+ XXX-XXXX (Accessory 1)

|                           |                             |
|---------------------------|-----------------------------|
| Weight                    | 3.75 lb                     |
| Light distribution        | symmetric, wide beam [W]    |
| Light source              | LED-6/12W / 700 mA - 2700 K |
| CRI                       | 80                          |
| Power supply              | electronic gear             |
| LEDs                      | 6                           |
| Rated input power         | 14.5 W                      |
| <b>Nominal Lumen (lm)</b> |                             |
| LED Lumen                 | 270                         |
| Total Lumen               | 1620                        |
| Tj                        | 85                          |
| <b>Rated lumens (lm)</b>  |                             |
| LED Lumen                 | 209                         |
| Total Lumen               | 1254.2                      |
| 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; align-items: center;"> <div style="width: 20px; height: 10px; background-color: black; margin-right: 5px;"></div> <span>RAL9004 Black</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 10px; background-color: grey; margin-right: 5px;"></div> <span>RAL9007 Grey Metallic</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 10px; background-color: white; margin-right: 5px;"></div> <span>RAL9016 White</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 10px; background-color: darkgrey; margin-right: 5px;"></div> <span>RAL8019 Dark Bronze</span> </div> |
| Gasket               | Silicone rubber gasket   |
| Fasteners            | PCS polymer coated stainless steel   |
| Ingress protection   | IP66   |
| Impact resistance    | IK07   |
| Corrosion resistance | 5CE  |
| Windage              | 0.025 m <sup>2</sup>   |

**Electrical description**

|                  |   |
|------------------|---|
| Power supply     | Integral [ECG] electronic 0-10 V dimmable driver in 120-277 universal voltage |
| Driver / Ballast | Integral EC electronic converter in thermally-separated compartment           |
| Surge protection | Integral 10kV Surge Protector   |

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**Additional information**

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|                             |  |
|-----------------------------|--|
| Lifetime                    | Ta=25°/40° L90B10 > 90000h                                 |
| Other Color<br>Temperatures | 2700K, 3500K, 5000K and True Amber available on request.   |
| Listings                    | ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations. |

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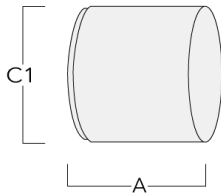
### Optical Accessories

#### Snoot

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| Description | Part ID  | A     | C1    |
|-------------|----------|-------|-------|
| Snoot ET    | 145-0030 | 2.36" | 4.72" |

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#### Linear spread lens

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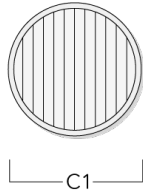
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**FLC121 LED POST**

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| Description       | Part ID  | C1    |
|-------------------|----------|-------|
| IO-180-FLC121-LED | 145-0050 | 3.19" |

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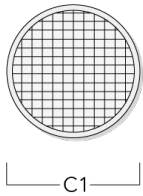
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**Softening Lens**

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| Description       | Part ID  | C1   |
|-------------------|----------|------|
| IO-360-FLC121-LED | 145-0142 | 3.20 |

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**Honeycomb louvre**

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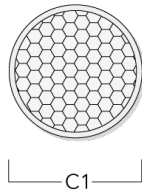
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| Description   | Part ID  | C1   |
|---------------|----------|------|
| IW-FLC121-LED | 145-0143 | 3.20 |

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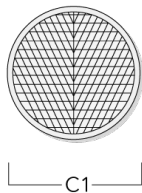
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**Wallwash lens**

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| Description         | Part ID  | C1    |
|---------------------|----------|-------|
| IO-20-WW-FLC121-LED | 145-0145 | 3.19" |

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**Glare shield**

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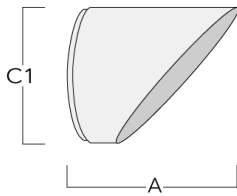
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| Description     | Part ID  | A    | C1   |
|-----------------|----------|------|------|
| Glare shield ES | 145-9192 | 4.02 | 4.69 |

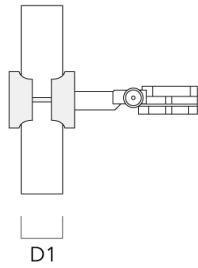
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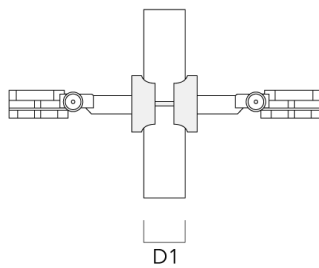
**Mounting Accessories**

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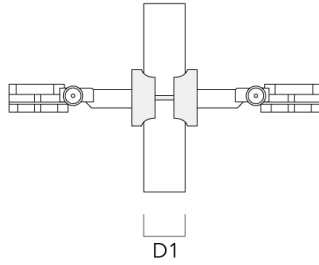
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| Description                             | Part ID  | D1        | M1 | Weight (lb) | D     |
|---|----------|-----------|----|-------------|-------|
| SP2-2/M8 Pipe clamp, double (Ø 3"-3.5") | 146-0248 | 3.0"-3.5" |    | 2.65 lbs    | 76-89 |

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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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**Short post EM**

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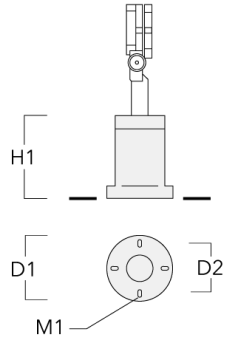
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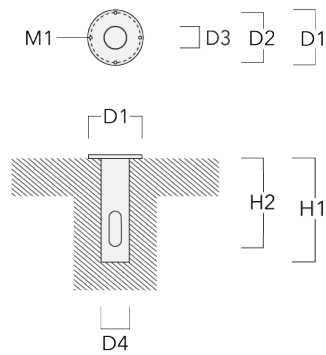
**FLC121 LED POST**

| 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       |



**Junction box JB1**

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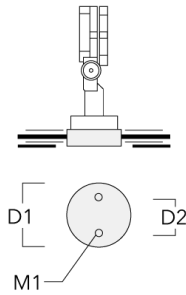
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| Description      | Part ID  | D1   | D2   | M1   | Weight (lb) |
|------------------|----------|------|------|------|-------------|
| JB1 Junction box | 310-9000 | 5.31 | 2.64 | 0.35 | 3.53        |

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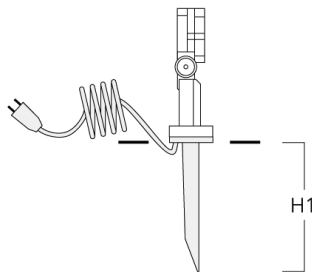
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**Ground spike EF**

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| Description                      | Part ID  | H1    | Weight (lb) |
|----------------------------------|----------|-------|-------------|
| Ground spike EF1-2/M5 for FLC121 | 145-9196 | 10.63 | 1           |

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