

FLC121 LED POST



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.

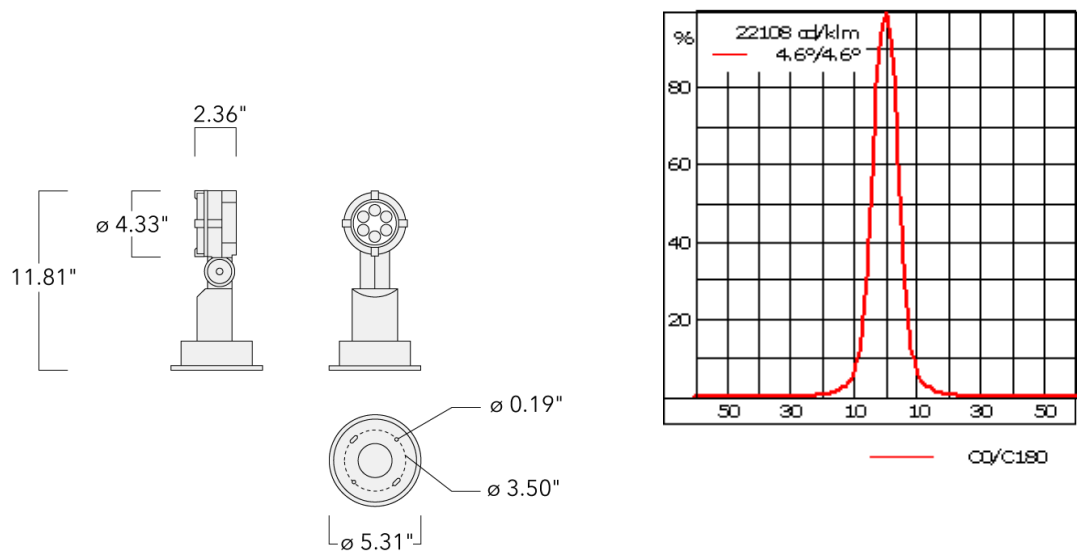
Example: XXX-XXXX-9004 (Black)  
+ XXX-XXXX (Accessory 1)

|                    |  |
|--------------------|--|
| Weight             | 3.70 lb  |
| Light distribution | symmetric, very narrow beam, 'sharp cut-off' [VNS] |
| Light source       | LED-6/12W / 700 mA - 4000 K                        |
| CRI                | 80   |
| Power supply       | electronic gear                                    |
| LEDs               | 6  |
| Rated input power  | 14.5 W   |

| Nominal Lumen (lm) |      |
|--------------------|------|
| LED Lumen          | 310  |
| Total Lumen        | 1860 |
| Tj                 | 85   |

| Delivered lumens (lm) |        |
|-----------------------|--------|
| LED Lumen             | 287    |
| Total Lumen           | 1721.8 |
| Ta                    | 25     |

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Specifications  
Material description

|                      |   |
|----------------------|---|
| Body                 | Marine-grade, die-cast aluminium alloy  |
| Lens                 | Safety glass lens   |
| Colors               | <div><div></div> RAL9004 Black</div> <div><div></div> RAL9007 Grey Metallic</div> <div><div></div> RAL9016 White</div> <div><div></div> RAL8019 Dark Bronze</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

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



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Linear spread lens

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



Softening Lens

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



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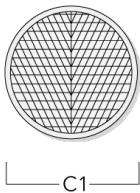
Honeycomb louvre

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



Wallwash lens

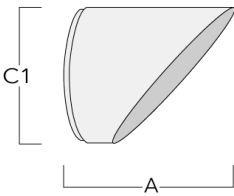
| Description         | Part ID  | C1    |
|---------------------|----------|-------|
| IO-20-WW-FLC121-LED | 145-0145 | 3.19" |



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Glare shield

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



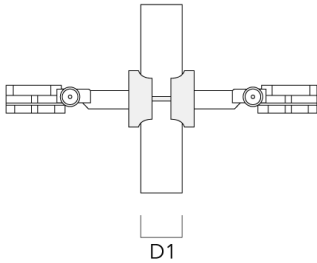
Mounting Accessories

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 |



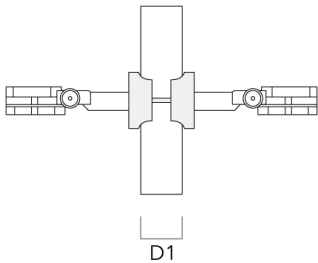
|  |          |             |     |          |       |
|--|----------|-------------|-----|----------|-------|
| SP2-2/M8 Pipe clamp, double (Ø 1.5"-2.36") | 146-0247 | 1.50"-2.36" | .35 | 2.20 lbs | 38-66 |
|--|----------|-------------|-----|----------|-------|



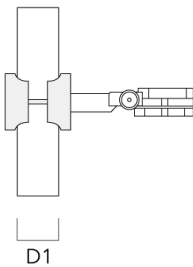


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| Description                             | Part ID  | D1        | M1 | Weight (lb) | D     |
|---|----------|-----------|----|-------------|-------|
| SP2-2/M8 Pipe clamp, double (Ø 3"-3.5") | 146-0248 | 3.0"-3.5" |    | 2.65 lbs    | 76-89 |



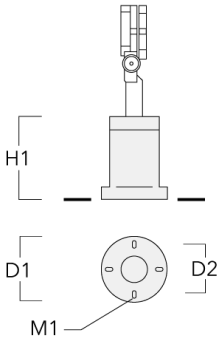
|  |          |       |   |       |
|--|----------|-------|---|-------|
| SP1-2/M8 Pipe clamp, single (Ø 1.5"-2.36") | 146-0245 | 38-60 | 1 | 38-66 |
|--|----------|-------|---|-------|



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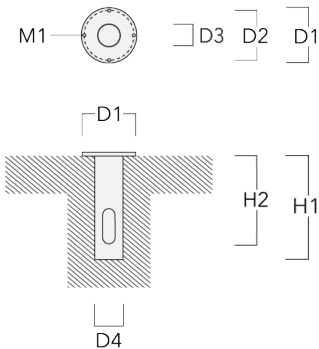
Short post EM

| 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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Junction box JB1

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

