

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 | linear spread, very narrow beam, 'sharp cut-off' |
| Light source | LED-6/12W / 700 mA - 3000 K |
| CRI | 80 |
| Power supply | electronic gear |
| LEDs | 6 |
| Rated input power | 14.5 W |

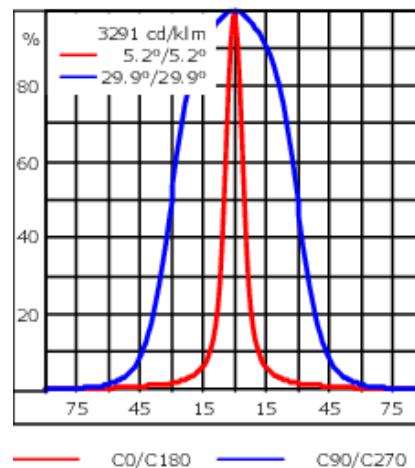
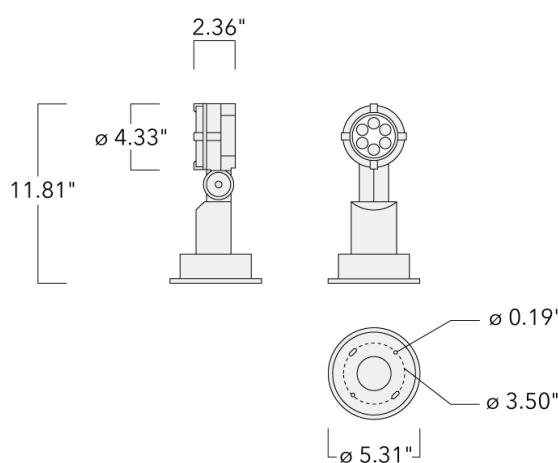
Nominal Lumen (lm)

| | |
|----------------|------|
| LED Lumen | 290 |
| Total Lumen | 1740 |
| T _j | 85 |

Delivered lumens (lm)

| | |
|----------------|--------|
| LED Lumen | 254.4 |
| Total Lumen | 1526.2 |
| T _a | 25 |

FLC121 LED POST

**Specifications****Material description**

| | |
|----------------------|--|
| Body | Marine-grade, die-cast aluminium alloy |
| Lens | Safety glass lens |
| Colors | <div style="display: inline-block; width: 15px; height: 15px; background-color: black; margin-right: 5px;"></div> RAL9004 Black <div style="display: inline-block; width: 15px; height: 15px; background-color: #808080; margin-right: 5px;"></div> RAL9007 Grey Metallic <div style="display: inline-block; width: 15px; height: 15px; background-color: #F0F0F0; margin-right: 5px;"></div> RAL9016 White <div style="display: inline-block; width: 15px; height: 15px; background-color: black; margin-right: 5px;"></div> RAL8019 Dark Bronze |
| Gasket | Silicone rubber gasket |
| Fasteners | PCS polymer coated stainless steel |
| Ingress protection | IP66 |
| Impact resistance | IK07 |
| Corrosion resistance | 5CE |
| Windage | 0.025 m ² |

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 |

FLC121 LED POST**Additional information**

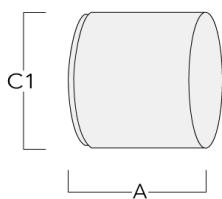
| | |
|--------------------------|--|
| Lifetime | Ta=25°/40° L90B10 > 90000h |
| Other Color Temperatures | 2700K, 3500K, 5000K and True Amber available on request. |
| Listings | ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations. |

FLC121 LED POST

Optical Accessories

Snoot

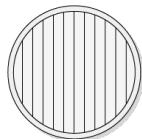
| Description | Part ID | A | C1 |
|-------------|----------|-------|-------|
| Snoot ET | 145-0030 | 2.36" | 4.72" |



FLC121 LED POST

Linear spread lens

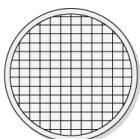
| Description | Part ID | C1 |
|-------------------|----------|-------|
| IO-180-FLC121-LED | 145-0050 | 3.19" |



C1

Softening Lens

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

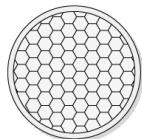


C1

FLC121 LED POST

Honeycomb louvre

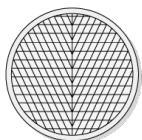
| Description | Part ID | C1 |
|---------------|----------|------|
| IW-FLC121-LED | 145-0143 | 3.20 |



C1

Wallwash lens

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

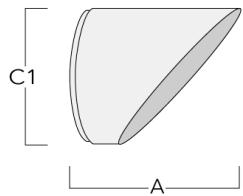


C1

FLC121 LED POST

Glare shield

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

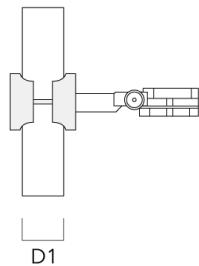


FLC121 LED POST

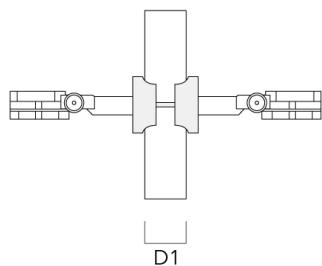
Mounting Accessories

Pipe clamp SP

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

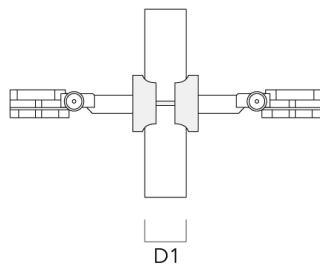


| | | | | | |
|---|----------|-------------|-----|----------|-------|
| SP2-2/M8 Pipe clamp, double (\emptyset 1.5"-2.36") | 146-0247 | 1.50"-2.36" | .35 | 2.20 lbs | 38-66 |
|---|----------|-------------|-----|----------|-------|

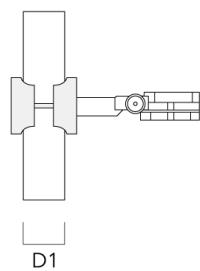


FLC121 LED POST

| 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 |



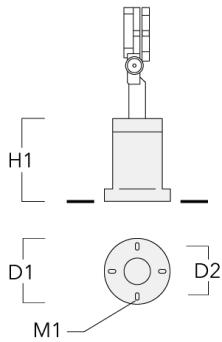
| | | | | |
|--|----------|-------|---|-------|
| SP1-2/M8 Pipe clamp, single (Ø 1.5"-2.36") | 146-0245 | 38-60 | 1 | 38-66 |
|--|----------|-------|---|-------|



FLC121 LED POST

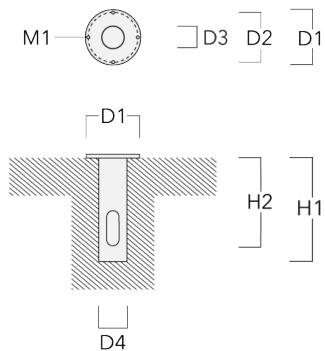
Short post EM

| 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 |



FLC121 LED POST

Junction box JB1

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

