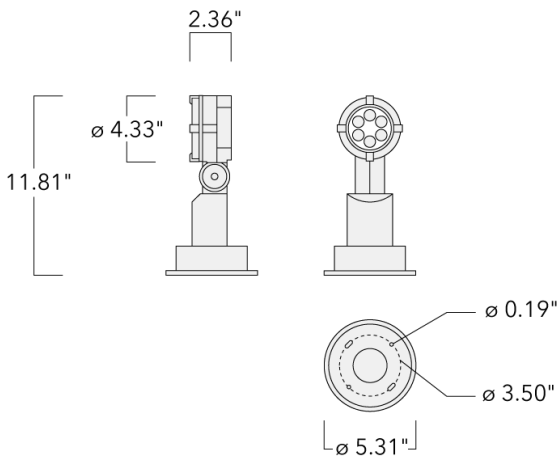


FLC121 LED POST



Floodlights



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)





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## Floodlights

### Specifications

#### Material description

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

#### Additional information

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

Options

Light distribution



symmetric, medium beam [M]



symmetric, very narrow beam, 'sharp cut-off' [VNS]



linear spread, very narrow beam, 'sharp cut-off'



symmetric, wide beam [W]



symmetric, very narrow beam [VN]



linear spread, very narrow beam [VN]



wallwash

Color temperature

Nominal Watt



3000 K



4000 K


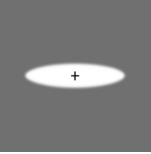


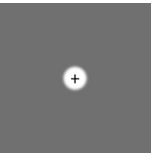
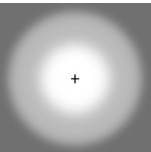


2700 K

16 W

## Floodlights

### Configurations

| Light distribution   | Part ID           | Light source                | Delivered lumens | Rated input power | CRI | Weight (lb) |
|--|-------------------|-----------------------------|------------------|-------------------|-----|-------------|
| linear spread, very narrow beam [VN]<br>                 | 145-0055+145-0050 | LED-6/12W / 700 mA - 3000 K | 1386.3           | 14.5 W            | 80  | 3.70        |
|  | 145-0056+145-0050 | LED-6/12W / 700 mA - 4000 K | 1481.9           | 14.5 W            | 80  | 3.70        |
|  | 145-0278+145-0050 | LED-6/12W / 700 mA - 2700 K | 1393.3           | 14.5 W            | 80  | 3.75        |
| linear spread, very narrow beam, 'sharp cut-off'<br>     | 145-0034+145-0050 | LED-6/12W / 700 mA - 3000 K | 1526.2           | 14.5 W            | 80  | 3.70        |
|  | 145-0035+145-0050 | LED-6/12W / 700 mA - 4000 K | 1631.5           | 14.5 W            | 80  | 3.70        |
|  | 145-0292+145-0050 | LED-6/12W / 700 mA - 2700 K | 1499.6           | 14.5 W            | 80  | 3.75        |
| symmetric, medium beam [M]<br>                          | 145-0031          | LED-6/12W / 700 mA - 3000 K | 1511.8           | 14.5 W            | 80  | 3.70        |
|  | 145-0032          | LED-6/12W / 700 mA - 4000 K | 1616.1           | 14.5 W            | 80  | 3.70        |
|  | 145-0283          | LED-6/12W / 700 mA - 2700 K | 1407.5           | 14.5 W            | 80  | 3.75        |
| symmetric, very narrow beam [VN]<br>                   | 145-0055          | LED-6/12W / 700 mA - 3000 K | 1496.5           | 14.5 W            | 80  | 3.70        |
|  | 145-0056          | LED-6/12W / 700 mA - 4000 K | 1599.7           | 14.5 W            | 80  | 3.70        |
|  | 145-0278          | LED-6/12W / 700 mA - 2700 K | 1393.3           | 14.5 W            | 80  | 3.75        |
| symmetric, very narrow beam, 'sharp cut-off' [VNS]<br> | 145-0034          | LED-6/12W / 700 mA - 3000 K | 1610.7           | 14.5 W            | 80  | 3.70        |
|  | 145-0035          | LED-6/12W / 700 mA - 4000 K | 1721.8           | 14.5 W            | 80  | 3.70        |
|  | 145-0292          | LED-6/12W / 700 mA - 2700 K | 1499.6           | 14.5 W            | 80  | 3.75        |
| symmetric, wide beam [W]<br>                           | 145-0052          | LED-6/12W / 700 mA - 3000 K | 1347.1           | 14.5 W            | 80  | 3.70        |
|  | 145-0053          | LED-6/12W / 700 mA - 4000 K | 1440             | 14.5 W            | 80  | 3.70        |
|  | 145-0284          | LED-6/12W / 700 mA - 2700 K | 1254.2           | 14.5 W            | 80  | 3.75        |
| wallwash   | 145-0031+145-0145 | LED-6/12W / 700 mA - 3000 K | 1213             | 14.5 W            | 80  | 3.70        |
|  | 145-0032+145-0145 | LED-6/12W / 700 mA - 4000 K | 1296.6           | 14.5 W            | 80  | 3.70        |
|  | 145-0283+145-0145 | LED-6/12W / 700 mA - 2700 K | 1407.5           | 14.5 W            | 80  | 3.75        |


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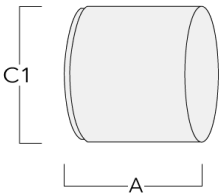
Floodlights

| Light distribution   | Part ID | Light source | Delivered lumens | Rated input power | CRI | Weight (lb) |
|--|---------|--------------|------------------|-------------------|-----|-------------|
|  |         |              |                  |                   |     |             |

Optical Accessories

Snoot

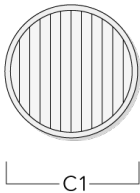
| Description | Part ID  | A     | C1    |
|-------------|----------|-------|-------|
| Snoot ET    | 145-0030 | 2.36" | 4.72" |



Floodlights

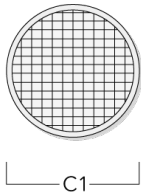
Linear spread lens

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



Softening Lens

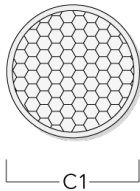
| Description       | Part ID  | C1   |
|-------------------|----------|------|
| IO-360-FLC121-LED | 145-0142 | 3.20 |



Floodlights

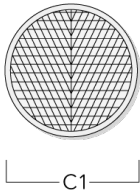
Honeycomb louvre

| 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" |

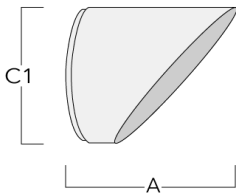




Floodlights

Glare shield

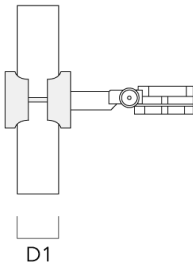
| Description     | Part ID  | A    | C1   |
|-----------------|----------|------|------|
| Glare shield ES | 145-9192 | 4.02 | 4.69 |



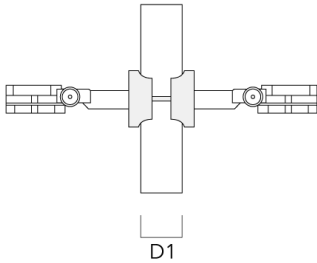
Mounting Accessories

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 |

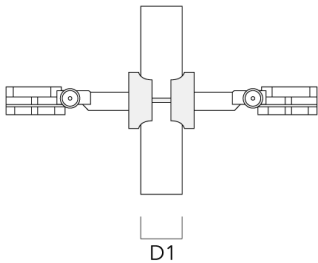


|  |          |             |     |          |       |
|--|----------|-------------|-----|----------|-------|
| SP2-2/M8 Pipe clamp, double (Ø 1.5"-2.36") | 146-0247 | 1.50"-2.36" | .35 | 2.20 lbs | 38-66 |
|--|----------|-------------|-----|----------|-------|

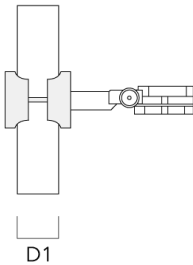


Floodlights

| 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 |

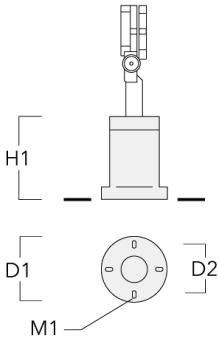


|  |          |       |   |       |
|--|----------|-------|---|-------|
| SP1-2/M8 Pipe clamp, single (Ø 1.5"-2.36") | 146-0245 | 38-60 | 1 | 38-66 |
|--|----------|-------|---|-------|



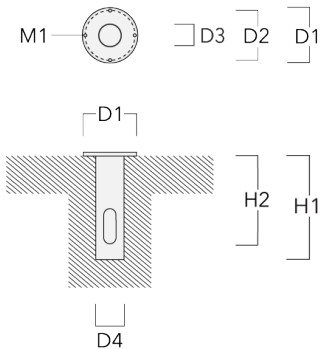
Short post EM

| 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       |



Junction box JB1

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

