

FLC321 Surface mounted



Description

IP66. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. One cable entry.

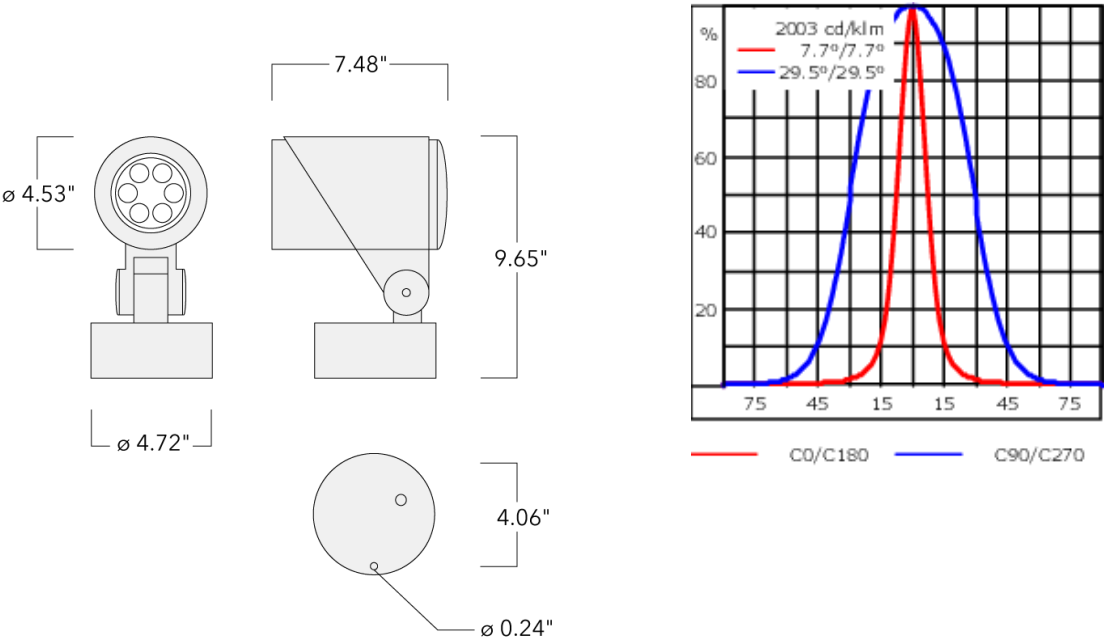
Optical accessories are factory-installed. To be specified at time of ordering.

12W, 18W, 26W / 120-277V / 0-10V Dimming.  
12W, 18W / 24V DC / 0-10V Dimming. (available upon request)

Contact the factory for 277V or 347V options.

|                       |                                      |
|-----------------------|--------------------------------------|
| Weight                | 5.70 lb                              |
| Light distribution    | linear spread, very narrow beam [VN] |
| 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                                 |
| Tj                    | 85                                   |
| Delivered lumens (lm) |                                      |
| LED Lumen             | 196.2                                |
| Total Lumen           | 1177.2                               |
| 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 CCG® Controlled Compression Gasket                                                                                                                       |
| Fasteners            | PCS hardware                                                                                                                                                      |
| Ingress protection   | IP66                                                                                                                                                              |
| Impact resistance    | IK08                                                                                                                                                              |
| Corrosion resistance | 5CE                                                                                                                                                               |
| Windage              | 0.484 ft²                                                                                                                                                         |

Electrical description

|                  |                                                     |
|------------------|-----------------------------------------------------|
| Power supply     | 120-277V AC/50-60 Hz (24VDC available upon request) |
| Driver / Ballast | 120-277V AC/50-60 Hz (24VDC available upon request) |
| Power factor     | >0.9                                                |

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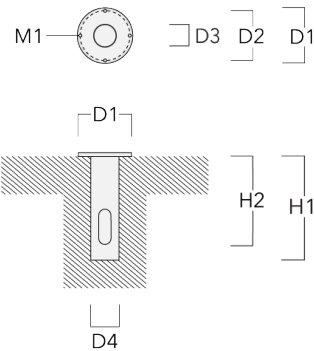
Additional information

|          |                                                            |
|----------|------------------------------------------------------------|
| Lifetime | Ta=25°/40° L90B10 > 90000h                                 |
| Listings | ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations. |

Mounting Accessories

Planted root

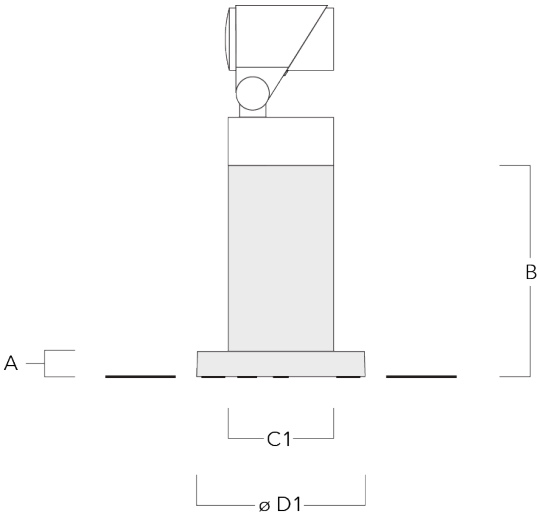
| Description       | Part ID  | D1   | D2   | D3   | D4   | H1    | H2    | M1  | Weight (lb) |
|-------------------|----------|------|------|------|------|-------|-------|-----|-------------|
| Planted root ESV4 | 300-0461 | 5.71 | 5.12 | 4.01 | 4.25 | 15.75 | 13.78 | .31 | 15.50       |



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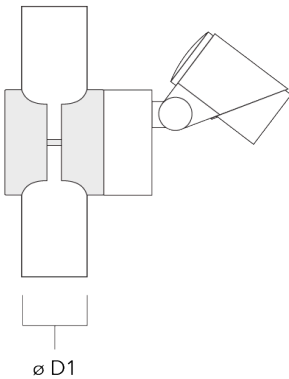
Short post EM

| Description                   | Part ID  | A    | B    | C1   | D1   | Weight (lb) |
|-------------------------------|----------|------|------|------|------|-------------|
| Short post EM1 for FLC311/321 | 146-7169 | 1.02 | 7.87 | 4.72 | 6.30 | 3.97        |



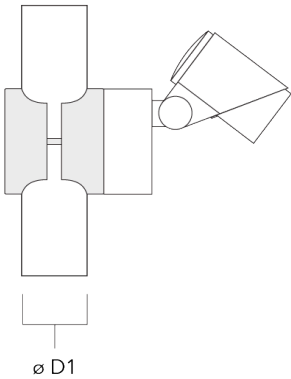
Pole clamp SP

| Description                         | Part ID  | D1    | Weight (lb) |
|-------------------------------------|----------|-------|-------------|
| Pole clamp SP1-M5, single (Ø 38-60) | 146-7201 | 38-60 | 1.20        |

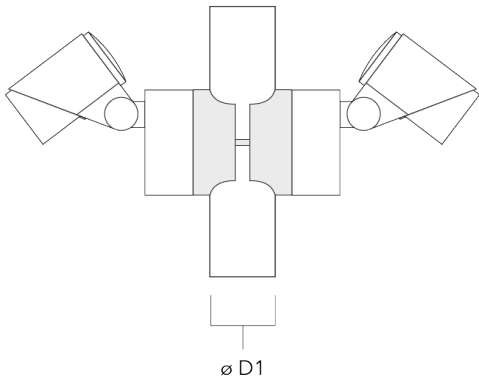


FLC321 Surface mounted

| Description                         | Part ID  | D1    | Weight (lb) |
|-------------------------------------|----------|-------|-------------|
| Pole clamp SP1-M5, single (Ø 76-89) | 146-7202 | 76-89 | 1.10        |

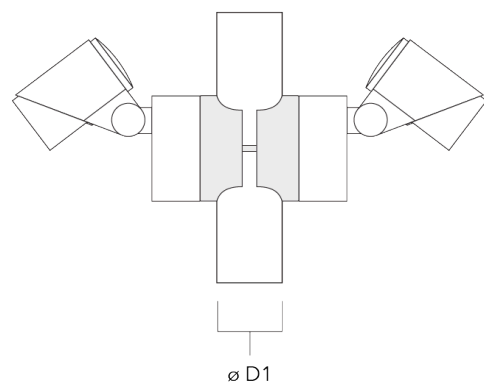


|                                     |          |       |      |
|-------------------------------------|----------|-------|------|
| Pole clamp SP2-M5, double (Ø 38-60) | 146-7203 | 38-60 | 1.30 |
|-------------------------------------|----------|-------|------|



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| Description                         | Part ID  | D1    | Weight (lb) |
|-------------------------------------|----------|-------|-------------|
| Pole clamp SP2-M5, double (Ø 76-89) | 146-7204 | 76-89 | 1.20        |



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Control

DALI interface

| Description                | Part ID |
|----------------------------|---------|
| Low voltage DALI interface | 0026    |

0-10 V, 24VDC low voltage version

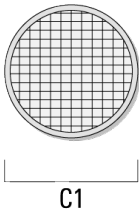
| Description                       | Part ID |
|-----------------------------------|---------|
| 24VDC low voltage version, 0-10 V | 0033    |



Optical Accessories

Softening Lens

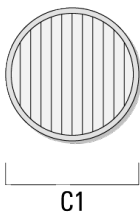
| Description       | Part ID  | C1   |
|-------------------|----------|------|
| Flood lens IO-360 | 145-9992 | 3.43 |



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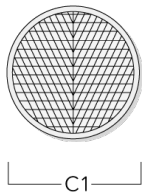
Linear spread lens

| Description               | Part ID  | C1   |
|---------------------------|----------|------|
| Linear spread lens IO-180 | 145-9991 | 3.43 |



Wallwash lens

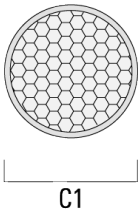
| Description         | Part ID  | C1   |
|---------------------|----------|------|
| Wallwash lens IO-20 | 145-9993 | 3.43 |



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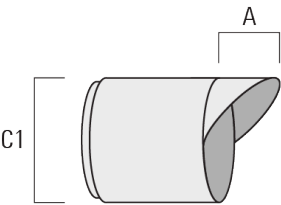
Honeycomb louvre

| Description         | Part ID  | C1   |
|---------------------|----------|------|
| Honeycomb louvre IW | 145-9994 | 3.43 |



Glare shield

| Description     | Part ID  | A    | C1   |
|-----------------|----------|------|------|
| Glare shield ES | 145-9995 | 2.17 | 4.49 |



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Snoot

| Description | Part ID  | A    | C1   |
|-------------|----------|------|------|
| Snoot ET    | 145-9996 | 2.20 | 4.49 |

