# 145-7195

## FLC301 Surface mounted

we-ef

**Description**
IP66. IK07. 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.

Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control.

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

4W / 120V mains voltage version, ON-OFF Class I. Non-dimming.
6W / 24V DC low voltage version available upon request, ON-OFF Class III. Non-dimming.

Dimmable version can only be done with a remote driver (120-277V)
347V remote driver on request.

| | |
|---|---|
| Weight | 0.80 lb |
| Light distribution | symmetric, medium beam [M] |
| Light source | LED-1/4W / 350 mA – 2700 K |
| CRI | 80 |
| Power supply | electronic gear |
| LEDs | 1 |
| Rated input power | 5 W |
| **Nominal Lumen (lm)** | |
| LED Lumen | 490 |
| Total Lumen | 490 |
| Tj | 85 |
| **Rated lumens (lm)** | |
| LED Lumen | 398.4 |
| Total Lumen | 398.4 |
| Ta | 25 |

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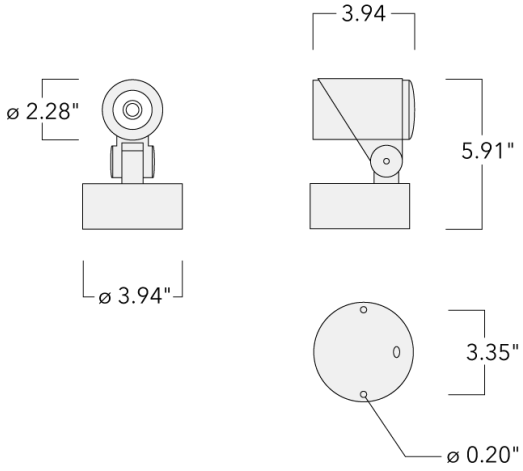
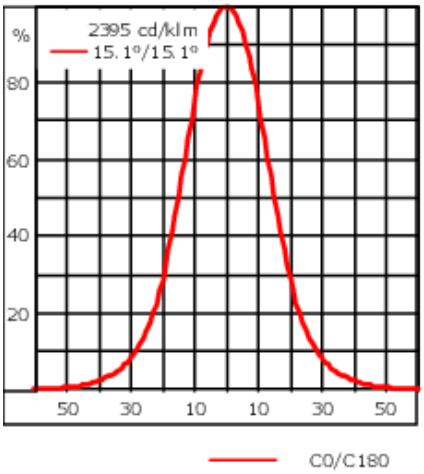



# Specifications

## Material description

| | |
|---|---|
| Body | Marine-grade, die-cast aluminium alloy |
| Lens | Safety glass lens |
| Colors | RAL9004 Black<br>RAL9007 Grey Metallic<br>RAL9016 White<br>RAL8019 Dark Bronze |
| Gasket | Silicone CCG® Controlled Compression Gasket |
| Fasteners | PCS hardware |
| Ingress protection | IP66 |
| Impact resistance | IK07 |
| Corrosion resistance | 5CE |
| Windage | 0.107 ft² |

## Electrical description

| | |
|---|---|
| Power supply | 120V AC/50-60 Hz (24V DC available upon request) |
| Driver / Ballast | Integral EC electronic converter (ON/OFF only) |
| Power factor | >0.9 |

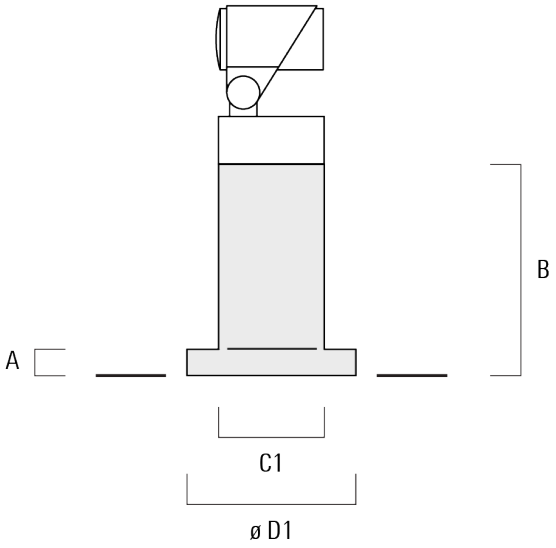
## Additional information

| | |
|---|---|
| Lifetime | Ta=25°/40° L90B10 > 90000h |
| Dimming | 0-10V Dimming with Remote Driver only |
| Listings | ETL, UL-1598, CSA-C22.2#250.0. Suitable for Wet Locations. |

# Mounting Accessories

## Short post EM

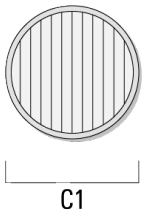
| Description | Part ID | A | B | C1 | D1 | Weight (lb) |
|---|---|---|---|---|---|---|
| Short post EM1 for FLC301 | 145-9200 | 26 | 200 | 100 | 160 | 1.10 |



# Optical Accessories

## Linear spread lens

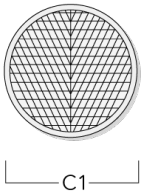
| Description | Part ID | C1 |
|---|---|---|
| Linear spread lens IO-180 | 145-7229 | 42.5 |




## Wallwash lens

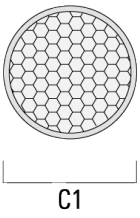
## FLC301 Surface mounted

| Description | Part ID | C1 |
|---|---|---|
| Wallwash lens IO-20 | 145-7230 | 42.5 |



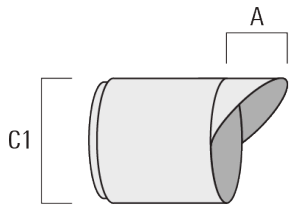

## Honeycomb louvre

| Description | Part ID | C1 |
|---|---|---|
| Honeycomb louvre IW | 145-7231 | 42.5 |



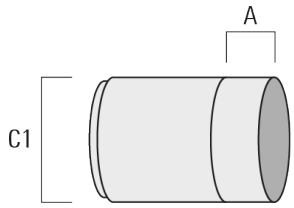

## Glare shield

| Description | Part ID | A | C1 |
|---|---|---|---|
| Glare shield ES | 145-7232 | 20.5 | 58 |




## Snoot

| Description | Part ID | A | C1 |
|---|---|---|---|
| Snoot ET | 145-7233 | 22.5 | 58 |



# Control

## DALI interface

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

## Electronic converter

| Description | Part ID |
|---|---|
| 24VDC low voltage version | 0025 |

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