

FLC301 Surface mounted



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, very narrow beam, 'sharp cut-off' [VNS] |
| Light source       | LED-1/4W / 350 mA - 4000 K                         |
| CRI                | 80   |
| Power supply       | electronic gear                                    |
| LEDs               | 1  |
| Rated input power  | 5 W  |

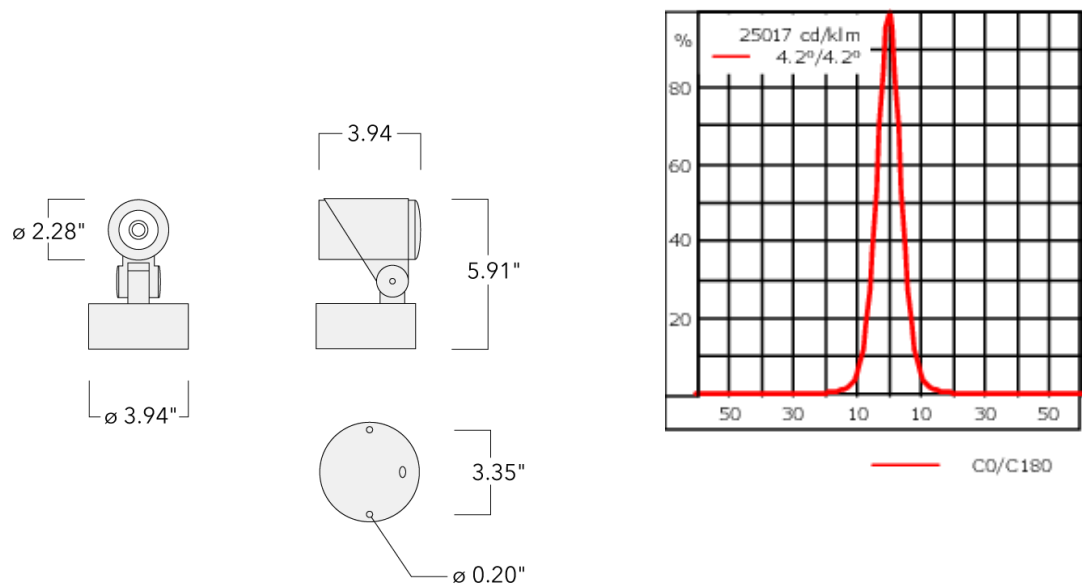
| Nominal Lumen (lm) |     |
|--------------------|-----|
| LED Lumen          | 490 |
| Total Lumen        | 490 |
| Tj                 | 85  |

| Delivered lumens (lm) |       |
|-----------------------|-------|
| LED Lumen             | 411.6 |
| Total Lumen           | 411.6 |
| Ta                    | 25    |

WE-EF LIGHTING USA, LLC

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030  
customersupport.usa@we-ef.com - <https://we-ef.com/us>  
Subject to technical changes and errors. - Generated on 09/08/2025

FLC301 Surface mounted



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    | 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   |

145-7203



FLC301 Surface mounted

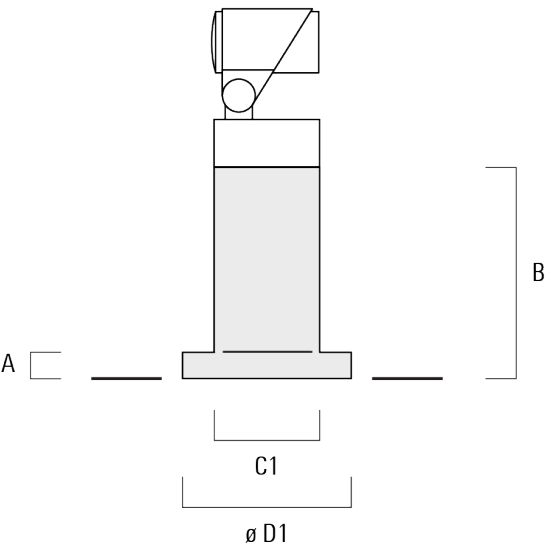
Additional information

|          |  |
|----------|--|
| 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

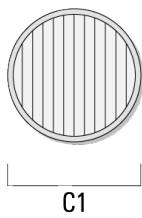
| Description               | Part ID  | A  | B   | C1  | D1  | Weight (lb) |
|---------------------------|----------|----|-----|-----|-----|-------------|
| Short post EM1 for FLC301 | 145-9200 | 26 | 200 | 100 | 160 | 1.10        |



Optical Accessories

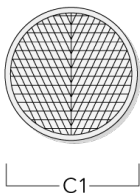
Linear spread lens

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



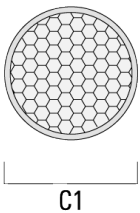
Wallwash lens

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



Honeycomb louvre

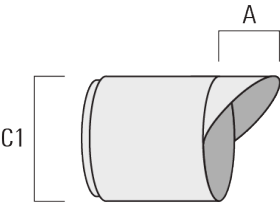
| Description         | Part ID  | C1   |
|---------------------|----------|------|
| Honeycomb louvre IW | 145-7231 | 42.5 |



FLC301 Surface mounted

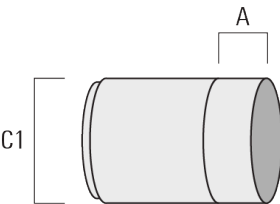
Glare shield

| 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 |



145-7203



FLC301 Surface mounted

Control

ON-OFF, 24VDC low voltage version

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