

## 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, medium beam [M]
Light source	LED-1/4W / 350 mA - 3000 K
CRI	80
Power supply	electronic gear
LEDs	1
Rated input power	5 W

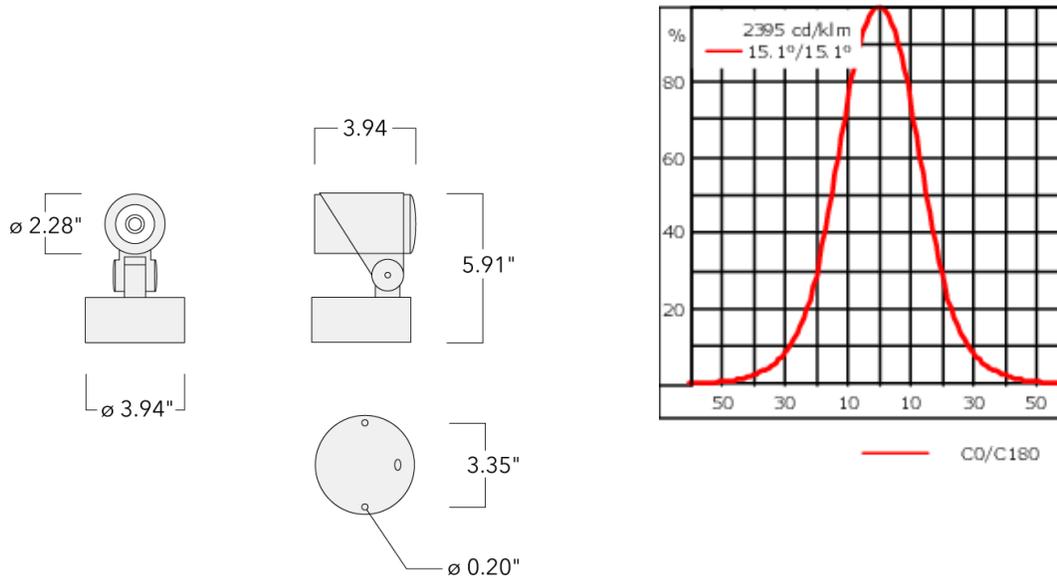
**Nominal Lumen (lm)**

LED Lumen	490
Total Lumen	490
Tj	85

**Delivered lumens (lm)**

LED Lumen	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	<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> <span>RAL9004 Black</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: grey; margin-right: 5px;"></div> <span>RAL9007 Grey Metallic</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: white; border: 1px solid black; margin-right: 5px;"></div> <span>RAL9016 White</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: darkgrey; margin-right: 5px;"></div> <span>RAL8019 Dark Bronze</span> </div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.107 ft <sup>2</sup>

**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

**WE-EF LIGHTING USA, LLC**

410-D Keystone Drive, 15086 Warrendale, PA 15086 - Phone: +1 724 742 0030

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**Additional information**

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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.

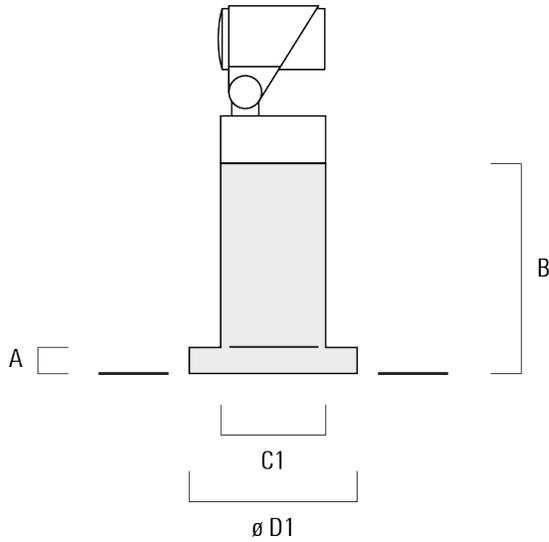
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**Mounting Accessories**

**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



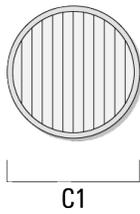
**Optical Accessories**

**Linear spread lens**

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

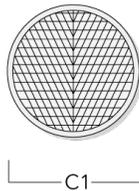
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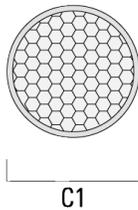
**Wallwash lens**

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



**Honeycomb louvre**

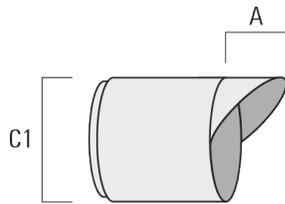
Description	Part ID	C1
Honeycomb louvre IW	145-7231	42.5



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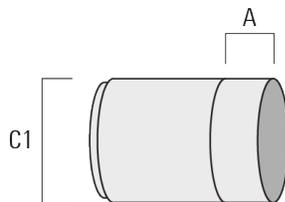
**Glare shield**

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



**145-7196**

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**Control**

**ON-OFF, 24VDC low voltage version**

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Description	Part ID
24VDC low voltage version	0025

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