

## 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.

Mains voltage versions, ON-OFF Class I. Integral EC electronic converter.

24VDC low voltage versions, ON-OFF Class III. DALI (only 4W available) Class I.

Remote 24VDC power supply to be ordered separately.

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

Weight	0.80 kg
Light distribution	symmetric, medium beam [M]
Light source	LED-1/4W / 350 mA - 3000 K
CRI	80
Power supply	EC
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

### WE-EF LIGHTING (Thailand) Co., Ltd.

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## Specifications

## Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> <span>RAL9004 Signal black</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #808080; margin-right: 5px;"></div> <span>RAL9007 Grey aluminium</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #404040; margin-right: 5px;"></div> <span>RAL7016 Anthracite grey</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #e0e0e0; margin-right: 5px;"></div> <span>RAL9016 Traffic white</span> </div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.01 m <sup>2</sup>

## Electrical description

Driver / Ballast	Integral EC electronic converter (mains voltage). Integral ED electronic driver (24VDC low voltage).
Power factor	>0.9

## Additional information

Lifetime	T <sub>a</sub> =25° L90B10 > 90000h
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**Mounting Accessories**

**Planted root**

Description	Part ID	D1	D2	D3	D4	H1	H2	M1	T1	T2	Weight (kg)
Planted root ESV4	300-0461-AP	150	130	60	89	400	350	8	200	50 x 100	3.85



**Short post**

Description	Part ID	A	B	C1	D1	Weight (kg)
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

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

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**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



145-7196+0025

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**Snoot**

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

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**145-7196+0025**

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## **Control**

### **DALI interface**

Description	Part ID
Low voltage DALI interface	0026

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