

## FLC301 Surface mounted



### Description

IP66. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection + primer 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.

Remote 24VDC power supply to be ordered separately.

Weight	0.80 kg
Light distribution	symmetric, very narrow beam [EE]
Light source	LED-1/4W / 350 mA - 3000 K
CRI	80
Power supply	EC
LEDs	1
Rated input power	5 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	490
Total Lumen	490
T <sub>j</sub>	85
<b>Rated lumens (lm)</b>	
LED Lumen	415.5
Total Lumen	415.5
T <sub>a</sub>	25

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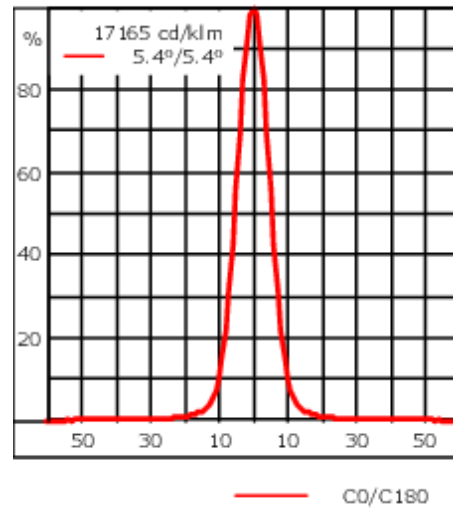
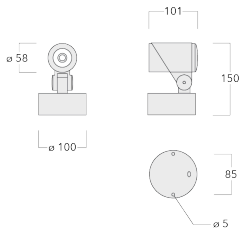
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145-7199+0025




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FLC301 Surface mounted



## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	 RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware (unpainted)
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE+Primer
Windage	0.01 m <sup>2</sup>

### Electrical description

Driver / Ballast	Integral EC electronic converter
Power factor	>0.9

### Additional information

Lifetime	Ta=40° L90B10 > 90000h
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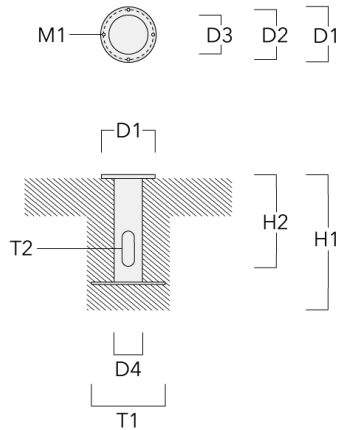
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**Mounting Accessories**

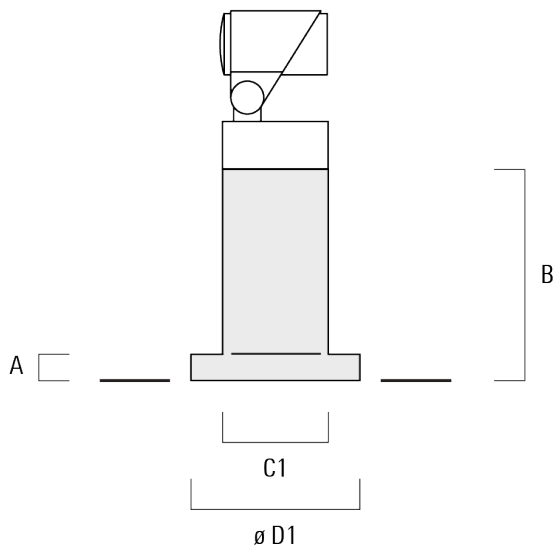
**Planted root**

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 EM**

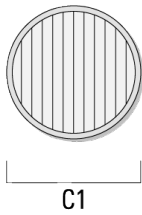
Description	Part ID	A	B	C1	D1	Weight (kg)
Short post EM1 for FLC301	145-9200	26	200	100	160	1.10



### Optical Accessories

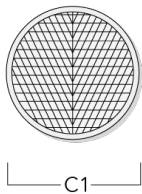
#### Linear spread lens

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

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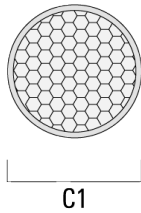
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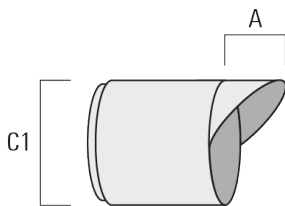
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Description	Part ID	C1
Honeycomb louvre IW	145-7231	42.5



**Glare shield**

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



**Snoot**

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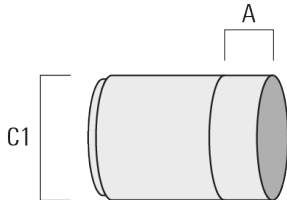
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Description	Part ID	A	C1
Snoot ET	145-7233	22.5	58

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**145-7199+0025**

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## **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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