

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.

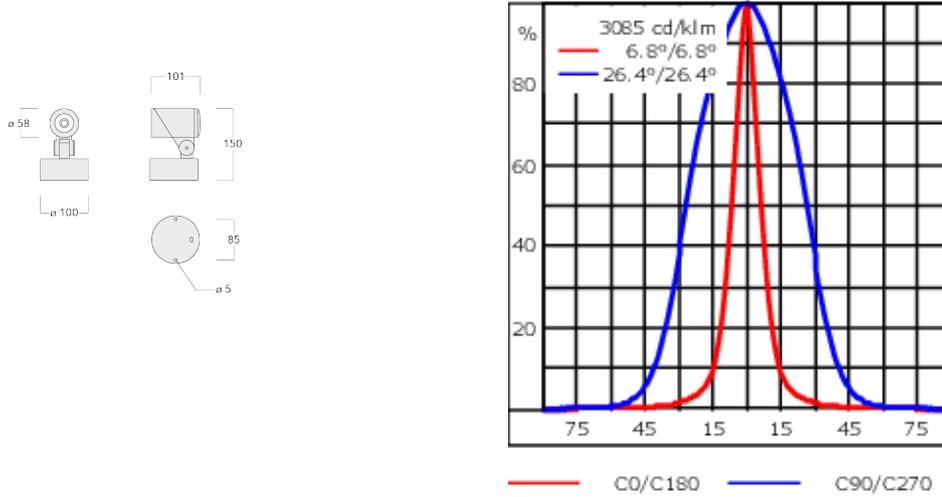
24VDC low voltage versions, ON-OFF Class III.

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	linear spread, very narrow beam [EE]
Light source	LED-1/4W / 350 mA - 4000 K
CRI	80
Power supply	EC
LEDs	1
Rated input power	5 W
Rated lumens (lm)	
LED Lumen	416
Total Lumen	416.1
Ta	25
Nominal Lumen (lm)	
LED Lumen	530
Total Lumen	530
Tc	25

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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> RAL9004 Signal black </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #808080; margin-right: 5px;"></div> RAL9007 Grey aluminium </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #333333; margin-right: 5px;"></div> RAL7016 Anthracite grey </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #cccccc; margin-right: 5px;"></div> RAL9016 Traffic white </div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.01 m ²

Electrical description

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

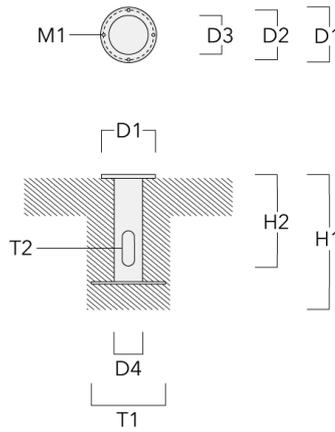
Additional information

Lifetime	Ta=25° L90B10 > 90000h
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Mounting Accessories

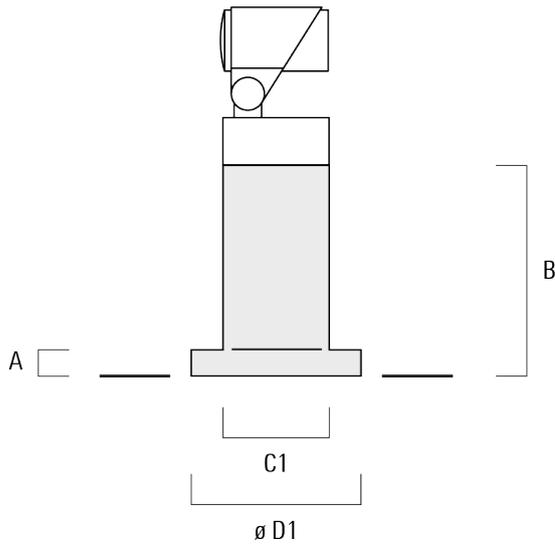
Planted root

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

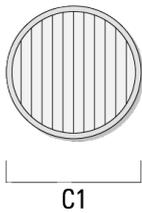
Description	Part ID	A	B	C1	D1	Weight (kg)
Short post EM1 for FLC301	145-9200	26	200	100	160	1.10



Optical Accessories

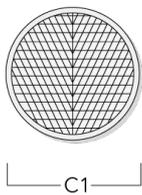
Linear spread lens

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



Wallwash lens

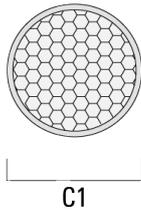
Description	Part ID	C1
Wallwash lens IO-20	145-7230	42.5



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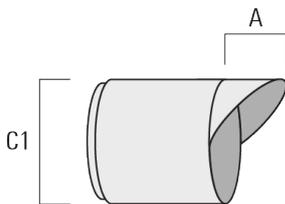
Honeycomb louvre

Description	Part ID	C1
Honeycomb louvre IW	145-7231	42.5



Glare shield

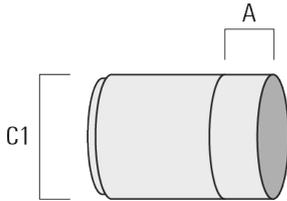
Description	Part ID	A	C1
Glare shield ES	145-7232	20.5	58



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Snoot

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



Control

ON-OFF, 24VDC low voltage version

Description	Part ID
24VDC low voltage version	0025
