

## FLC311 Surface mounted

**Description**

IP66. IK08. 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.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. One cable entry.

Mains voltage versions, DALI interface Class I. 1-10 V analogue dimming available on request; refer to accessory listings.

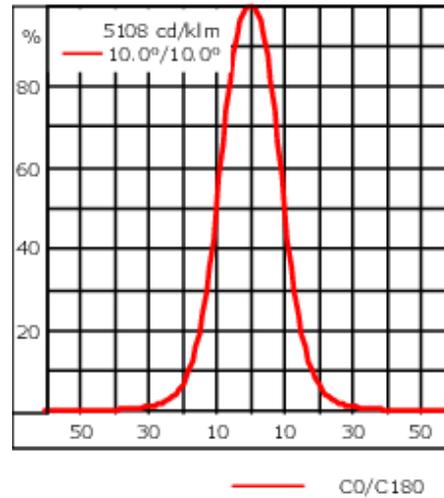
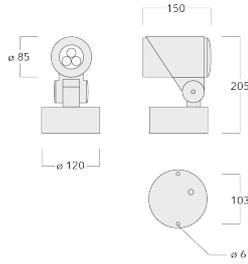
Mains voltage versions, DALI interface Class I. 1-10 V analogue dimming available on request; refer to accessory listings.

24VDC low voltage versions, 0-10 V analogue dimming (only 6-9W available) or DALI interface Class III available on request.

Remote 24VDC power supply to be ordered separately.

Weight	2.20 kg
Light distribution	symmetric, very narrow beam [EE]
Light source	LED-3/9W / 250 mA - 3000 K
CRI	80
Power supply	EC
LEDs	3
Rated input power	11 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	365
Total Lumen	1095
T <sub>j</sub>	85
<b>Rated lumens (lm)</b>	
LED Lumen	283.2
Total Lumen	849.6
T <sub>a</sub>	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> <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: #333333; 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	IK08
Corrosion resistance	5CE
Windage	0.025 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	Ta=25° L90B10 > 90000h
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**Control****1-10 V analogue dimming interface**

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Description	Part ID	C
1-10 V analogue dimming interface	430-0011	90

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**DALI interface**

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Description	Part ID
Low voltage DALI interface	0026

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**0-10 V, 24VDC low voltage version**

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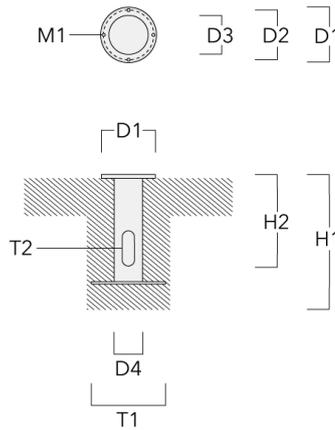
Description	Part ID
24VDC low voltage version, 0-10 V	0033

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**Mounting Accessories**

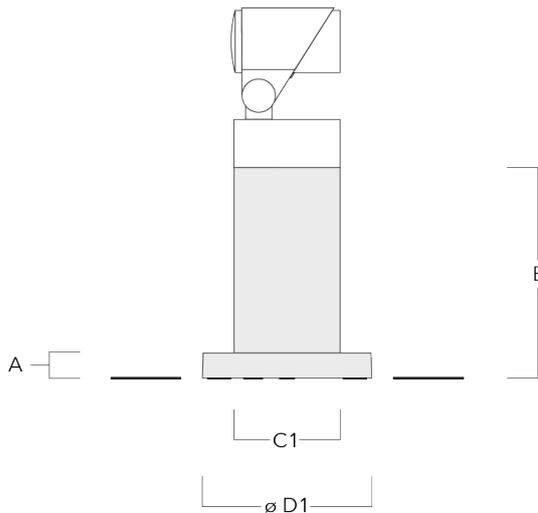
**Planted root**

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**

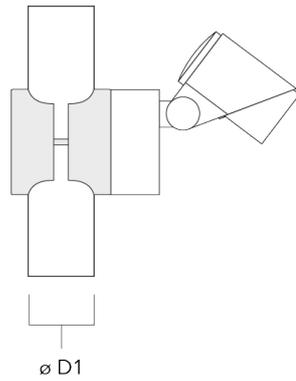
Description	Part ID	A	B	C1	D1	Weight (kg)
Short post EM1 for FLC311/321	146-7169	26	200	120	160	1.80



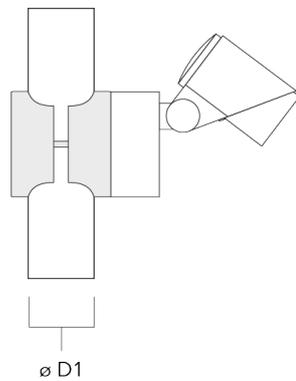
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**Pole clamp SP - Tiltable**

Description	Part ID	D1	Weight (kg)
Pole clamp SP1-M5, single (Ø 38-60)	146-7201	38-60	1.20

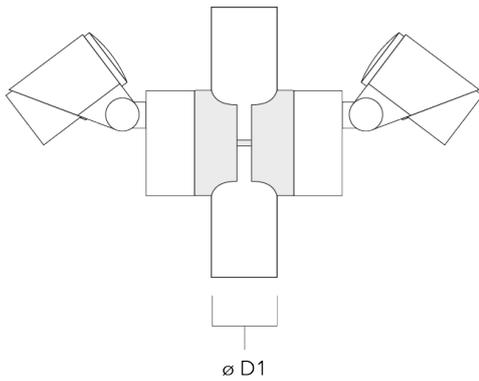


Pole clamp SP1-M5, single (Ø 76-89)	146-7202	76-89	1.10
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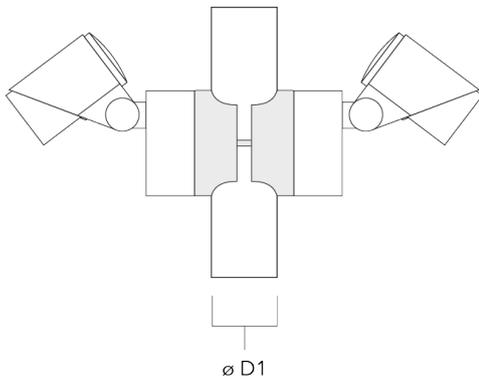


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Description	Part ID	D1	Weight (kg)
Pole clamp SP2-M5, double (Ø 38-60)	146-7203	38-60	1.30



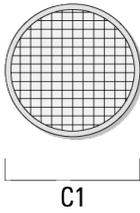
Pole clamp SP2-M5, double (Ø 76-89)	146-7204	76-89	1.20
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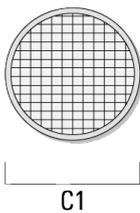
**Optical Accessories**

**Flood lens**

Description	Part ID	C1
Flood lens IO-360 for [EE]	145-7786	59



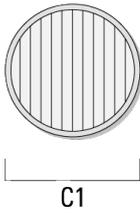
Flood lens IO-360 for [EES]	145-7780	59
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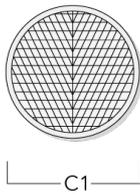
**Linear spread lens**

Description	Part ID	C1
Linear spread lens IO-180	145-7781	59



**Wallwash lens**

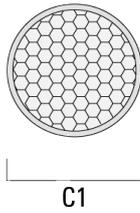
Description	Part ID	C1
Wallwash lens IO-20	145-7782	59



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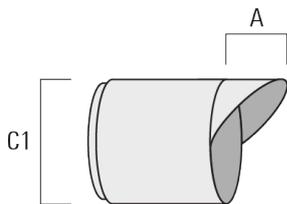
**Honeycomb louvre**

Description	Part ID	C1
Honeycomb louvre IW	145-7783	59



**Glare shield**

Description	Part ID	A	C1
Glare shield ES	145-7784	34	85



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**Snoot**

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Description	Part ID	A	C1
Snoot ET	145-7785	34	85

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