



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. Knuckle permits 350° rotation, forward tilt 38° and backward tilt 90°.

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

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

Weight	2.20 kg
Light distribution	symmetric, wide beam [B]
Light source	LED-3/6W / 180 mA - 4000 K
CRI	80
Power supply	EC
LEDs	3
Rated input power	7.5 W

Nominal Lumen (lm)

LED Lumen	280
Total Lumen	840
Tj	85

Rated lumens (lm)

LED Lumen	213.7
Total Lumen	641.2
Ta	25

FLC311 Surface mounted



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: #cccccc; margin-right: 5px;"></div> RAL9006 White aluminium </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: #e0e0e0; margin-right: 5px;"></div> RAL9016 Traffic white </div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.025 m ²

Electrical description

Driver / Ballast	Integral EC electronic converter
Power factor	>0.9

Additional information

Lifetime	Ta=25° L90B10 > 90000h
Energy efficiency class	D-E (Light source)

WE-EF LEUCHTEN GmbH

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145-7642

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Control

Eco Step Dim® Advanced

Description	Part ID
Eco Step Dim® Advanced LED	430-0002

0-10 V, 24VDC low voltage version

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

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Mounting Accessories

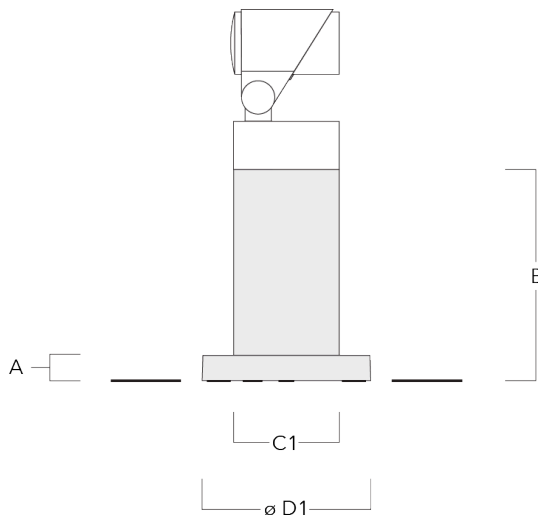
Planted root

Description	Part ID	D1	D2	D3	D4	H1	H2	M1	Weight (kg)
Planted root ESV4	300-0461	145	130	102	108	400	350	8	7.85



Short post EM

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



Pole clamp SP

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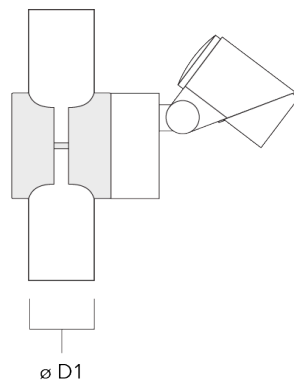
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Description	Part ID	D1	Weight (kg)
Pole clamp SP1-M5, single (Ø 38-60)	146-7201	38-60	1.20



Pole clamp SP1-M5, single (Ø 76-89)	146-7202	76-89	1.10
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Description	Part ID	D1	Weight (kg)
Pole clamp SP2-M5, single (Ø 38-60)	146-7203	38-60	1.30



Pole clamp SP2-M5, single (Ø 76-89)	146-7204	76-89	1.20
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