

145-9981

FLC321 Surface mounted

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

24VDC low voltage versions, ON-OFF or 0-10 V Class III.

Remote 24VDC power supply to be ordered separately.

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

Weight	2.60 kg
Light distribution	symmetric, very narrow beam [EE]
Light source	LED-6/12W / 700 mA - 3000 K
CRI	80
Power supply	EC
LEDs	6
Rated input power	14.5 W

#### Nominal Lumen (lm)

LED Lumen	290
Total Lumen	1740
T <sub>j</sub>	85

#### Rated lumens (lm)

LED Lumen	219.2
Total Lumen	1315.4
T <sub>a</sub>	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: grey; 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: darkgrey; 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: lightgrey; 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	0.045 m <sup>2</sup>

## Electrical description

Driver / Ballast	Integral EC electronic converter (mains voltage). Integral LED 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**

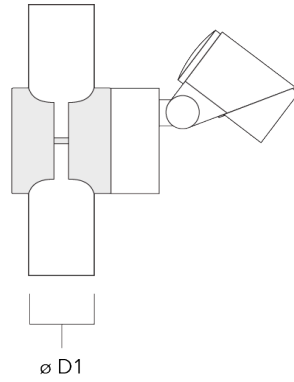
Description	Part ID	A	B	C1	D1	Weight (kg)
Short post EM1 for FLC311/321	146-7169	26	200	120	160	1.80



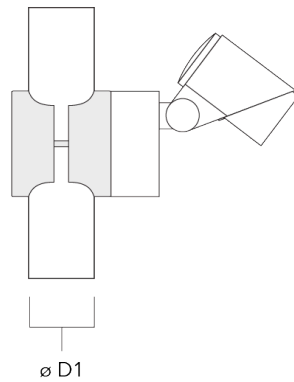
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**Pole clamp SP - Tiltable**

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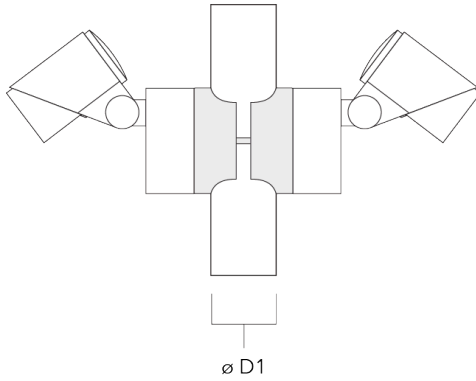
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Description	Part ID	D1	Weight (kg)
Pole clamp SP2-M5, single (Ø 38-60)	146-7203	38-60	1.30

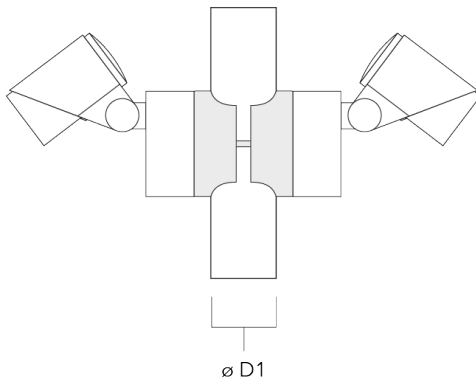
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Pole clamp SP2-M5, single (Ø 76-89)	146-7204	76-89	1.20
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## **Control**

### **1-10 V analogue dimming interface**

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

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

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

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## Optical Accessories

### Flood lens

Description	Part ID	C1
Flood lens IO-360	145-9992	87



### Linear spread lens

Description	Part ID	C1
Linear spread lens IO-180	145-9991	87



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**Wallwash lens**

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Description	Part ID	C1
Wallwash lens IO-20	145-9993	87

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**Honeycomb louvre**

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Description	Part ID	C1
Honeycomb louvre IW	145-9994	87

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**Glare shield**

Description	Part ID	A	C1
Glare shield ES	145-9995	55	114



**Snoot**

Description	Part ID	A	C1
Snoot ET	145-9996	56	114

