



### Description

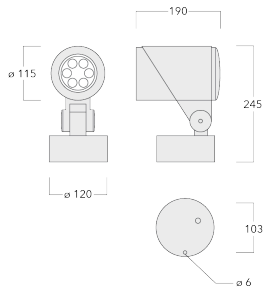
IP66. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation. Knuckle permits 350° rotation, forward tilt 38° and backward tilt 90°.

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.

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

Weight	2.60 kg
Light distribution	symmetric, very narrow beam, sharp cut-off [EES]
Light source	LED-6/12W / 700 mA - 4000 K
CRI	80
Power supply	EC
LEDs	6
Rated input power	14.5 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	310
Total Lumen	1860
Tj	85
<b>Rated lumens (lm)</b>	
LED Lumen	241.1
Total Lumen	1446.3
Ta	25

## FLC321 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> <span>RAL9004 Signal black</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #cccccc; margin-right: 5px;"></div> <span>RAL9006 White aluminium</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	0.045 m <sup>2</sup>

## Electrical description

Driver / Ballast	Integral EC electronic converter
Power factor	>0.9

## Additional information

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

## WE-EF LEUCHTEN GmbH

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**145-9989**

**we-ef**

**FLC321 Surface mounted**

## **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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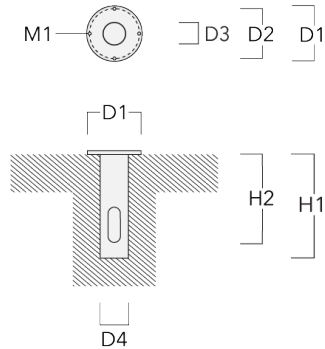
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**Mounting Accessories**

**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



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FLC321 Surface mounted

## Optical Accessories

### Flood lens

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Description	Part ID	C1
IO-360-FLC321	145-9992	87

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### Linear spread lens

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Description	Part ID	C1
IO-180-FLC321	145-9991	87

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### Wallwash lens

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Description	Part ID	C1
IO-20-FLC321	145-9993	87

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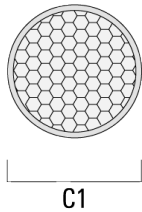
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**Honeycomb louvre**

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Description	Part ID	C1
Honeycomb louvre IW	145-9994	87

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**Glare shield**

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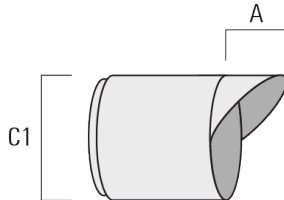
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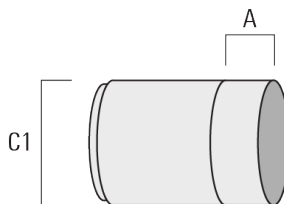
**FLC321 Surface mounted**

Description	Part ID	A	C1
ES-FLC321	145-9995	55	114



**Snoot**

Description	Part ID	A	C1
ET-FLC321	145-9996	56	114



**145-9989**

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