

146-0402+146-0418

FLC131 LED Surface mounted

**we-ef**



### Description

IP66, Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket.

Integral EC electronic converter in thermally-separated compartment. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Optional 2200 K version available. To be specified at time of ordering.

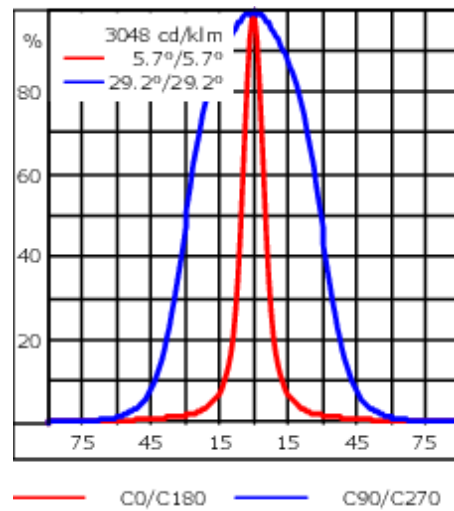
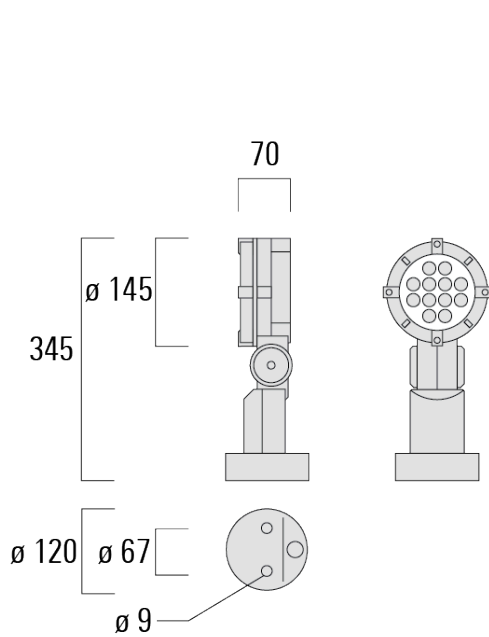
Weight	2.50 kg
Light distribution	linear spread, very narrow beam, sharp cut-off [EES]
Light source	LED-12/24W / 700 mA - 3000 K
CRI	80
Power supply	EC
LEDs	12
Rated input power	27 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	290
Total Lumen	3480
T <sub>j</sub>	85
<b>Rated lumens (lm)</b>	
LED Lumen	238.8
Total Lumen	2865.9
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	IK07
Corrosion resistance	5CE
Windage	0.041 m <sup>2</sup>

**Electrical description**

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter in thermally-separated compartment

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**Additional information**

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Lifetime	Ta=25° L90B10 > 90000h
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### Optical Accessories

#### Glare shield

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Description	Part ID	A	C1
Glare shield ES	146-0156	110	100

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#### Snoot

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Description	Part ID	A	C1
Snoot ET	146-0397	95,5	126

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**Flood lens**

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Description	Part ID	C1
Flood lens IO-360	146-0419	110

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**Linear louvre**

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Description	Part ID	C1
Linear louvre IL	146-9055	110

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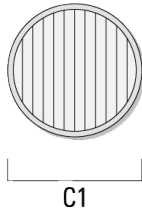
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**Linear spread lens**

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Description	Part ID	C1
Linear spread lens IO-180	146-0418	110

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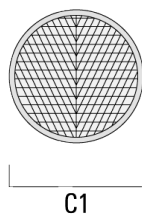
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**Wallwash lens**

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Description	Part ID	C1
Wallwash lens IO-20	146-0645	110

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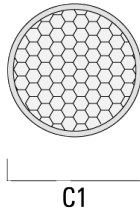
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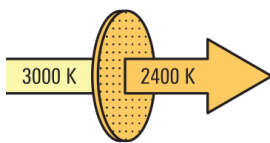
**Honeycomb louvre**

Description	Part ID	C1
Honeycomb louvre IW	146-0625	110



**Colour correction filter**

Description	Part ID
IF-3000K > 2400K	146-9054



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**Mounting Accessories**

**Pole clamp**

Description	Part ID	D1	Weight (kg)	D
Pole clamp SP1-2/M8, single (Ø 76-89)	146-0246	76-89	1.20	76-89



Pole clamp SP2-2/M8, double (Ø 38-60)	146-0247	38-60	1	38-66
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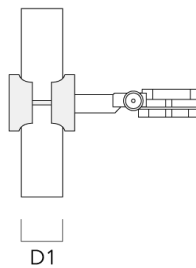


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Description	Part ID	D1	Weight (kg)	D
Pole clamp SP2-2/M8, double (Ø 76-89)	146-0248	76-89	1.20	76-89



Pole clamp SP1-2/M8, single (Ø 38-60)	146-0245	38-60	1	38-66
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**Short post**

Description	Part ID	D1	D2	H1	M1	Weight (kg)
Short post EM1-2/M8	146-0253	160	130	200	9	1.10



**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



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**Ground spike**

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Description	Part ID	H1	Weight (kg)
Ground spike EF1 (including cable and plug)	146-0251	270	0.40

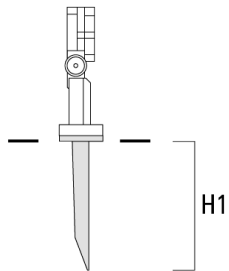
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Ground spike EF1 (without cable and plug)	146-0250	270	0.40
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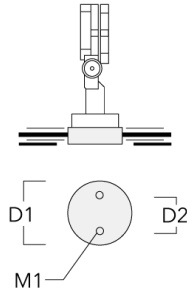
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**Junction box**

Description	Part ID	D1	D2	M1	Weight (kg)
Junction box JB1	310-9000	135	67	9	1.6



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