



### Description

IP66, Class I. Class II on request. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. Integral EC electronic converter in thermally separated compartment. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during the installation.

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 - 2700 K
CRI	80
Power supply	EC
LEDs	12
Rated input power	27 W

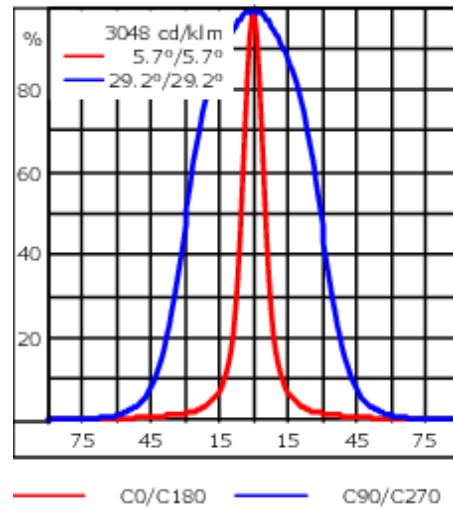
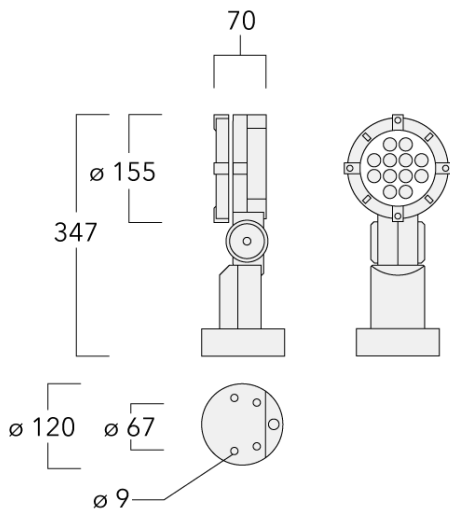
### Nominal Lumen (lm)

LED Lumen	270
Total Lumen	3240
T <sub>j</sub>	85

### Rated lumens (lm)

LED Lumen	222.4
Total Lumen	2668.2
T <sub>a</sub>	25

**FLC131 LED**



**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: #444444; 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 rubber gaskets
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.041 m <sup>2</sup>

**146-0971+146-0418**

**we-ef**

**FLC131 LED**

### **Electrical description**

---

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
Surge protection	1/2 kV

---

### **Additional information**

---

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

---

**WE-EF LEUCHTEN GmbH**

Töpinger Straße 16, 29646 Bispingen, Germany - Phone: +49 5194 909-0  
info@we-ef.com - <https://we-ef.com>

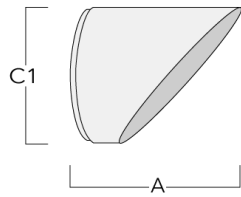
Subject to technical changes and errors. - Generated on 23/10/2024

## FLC131 LED

## Optical Accessories

## Glare shield

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



## Snoot

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



## Flood lens

## WE-EF LEUCHTEN GmbH

Töpinger Straße 16, 29646 Bispingen, Germany - Phone: +49 5194 909-0

info@we-ef.com - <https://we-ef.com>

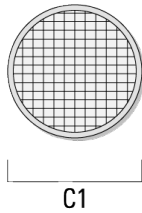
Subject to technical changes and errors. - Generated on 23/10/2024

**FLC131 LED**

---

Description	Part ID	C1
IO-360	146-0623	110

---



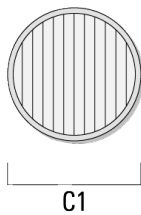
---

**Linear spread lens**

---

Description	Part ID	C1
IO-180-FLC131-LED	146-0418	110.00

---



---

**Wallwash lens**

**WE-EF LEUCHTEN GmbH**

Töpinger Straße 16, 29646 Bispingen, Germany - Phone: +49 5194 909-0

info@we-ef.com - <https://we-ef.com>

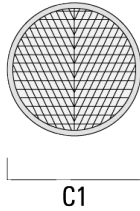
Subject to technical changes and errors. - Generated on 23/10/2024

**FLC131 LED**

---

Description	Part ID	C1
IO-20-WW-FLC131-LED	146-0645	110

---



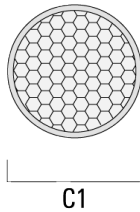
---

**Honeycomb louvre**

---

Description	Part ID	C1
IW-FLC131-LED - [EE][EES]	146-0625	110

---



**Mounting Accessories**

**Pipe clamp SP**

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

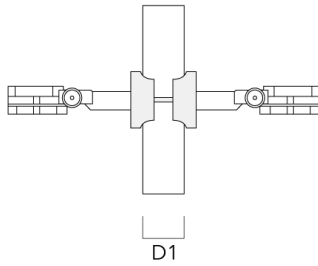


SP2-2/M8 Pole clamp, double (Ø 38-60)	146-0247	38-60	1	38-66
---------------------------------------	----------	-------	---	-------



**FLC131 LED**

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



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



**Short post EM**

**WE-EF LEUCHTEN GmbH**

Töpinger Straße 16, 29646 Bispingen, Germany - Phone: +49 5194 909-0

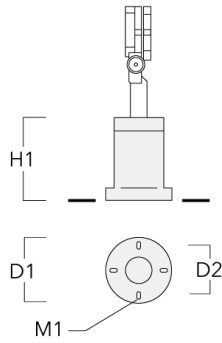
info@we-ef.com - <https://we-ef.com>

Subject to technical changes and errors. - Generated on 23/10/2024



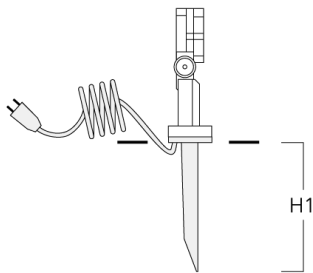
**FLC131 LED**

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



**Ground spike EF**

Description	Part ID	H1	Weight (kg)
Ground spike EF1-2/M8	146-0251	270	0.40



**Planted root**

**WE-EF LEUCHTEN GmbH**

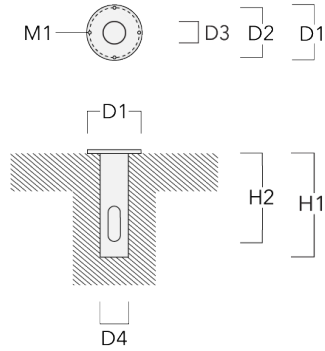
Töpinger Straße 16, 29646 Bispingen, Germany - Phone: +49 5194 909-0

info@we-ef.com - <https://we-ef.com>

Subject to technical changes and errors. - Generated on 23/10/2024

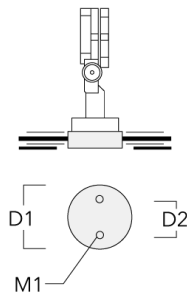
**FLC131 LED**

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



**Junction box JB1**

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



**146-0971+146-0418**

**FLC131 LED**

**WE-EF LEUCHTEN GmbH**

Töpinger Straße 16, 29646 Bispingen, Germany

Phone: +49 5194 909-0

[info@we-ef.com](mailto:info@we-ef.com)

<https://we-ef.com>

Subject to technical changes and errors.

Generated on 23/10/2024