

## FLC141 LED

**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	4.40 kg
Light distribution	linear spread, very narrow beam, sharp cut-off [EES]
Light source	LED-24/48W / 700 mA - 4000 K
CRI	80
Power supply	EC
LEDs	24
Rated input power	54 W

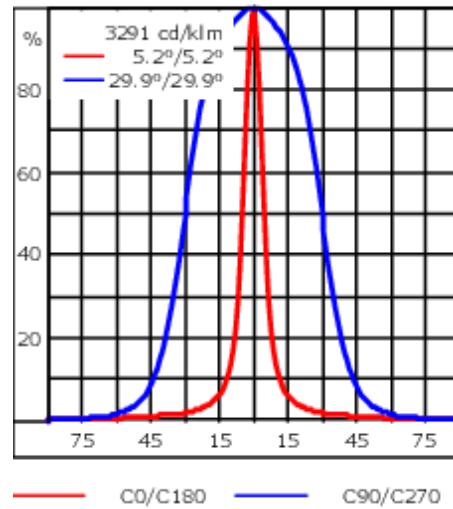
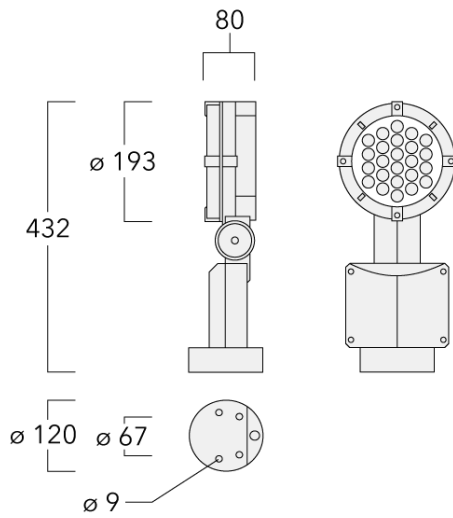
**Nominal Lumen (lm)**

LED Lumen	310
Total Lumen	7440
T <sub>j</sub>	85

**Rated lumens (lm)**

LED Lumen	271.9
Total Lumen	6526
T <sub>a</sub>	25

**FLC141 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: #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 Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.057 m <sup>2</sup>

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**Electrical description**

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

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**Additional information**

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

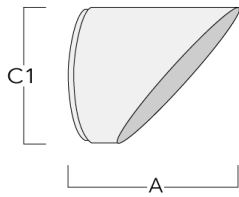
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## FLC141 LED

## Optical Accessories

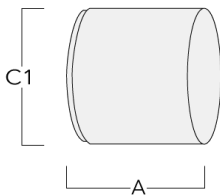
## Glare shield

Description	Part ID	A	C1
Glare shield ES	146-0229	120	145



## Snoot

Description	Part ID	A	C1
Snoot ET	146-0398	120	145



146-7053+146-0439

**we-ef**

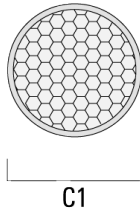
**FLC141 LED**

**Honeycomb louvre**

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Description	Part ID	C1
IW-FLC141-LED - [EE][EES]	146-0626	145

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**WE-EF LEUCHTEN GmbH**

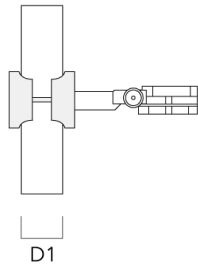
Töpinger Straße 16, 29646 Bispingen, Germany - Phone: +49 5194 909-0  
info@we-ef.com - <https://we-ef.com>

Subject to technical changes and errors. - Generated on 23/11/2024

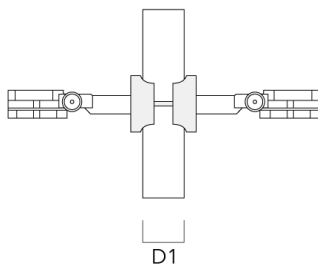
**Mounting Accessories**

**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

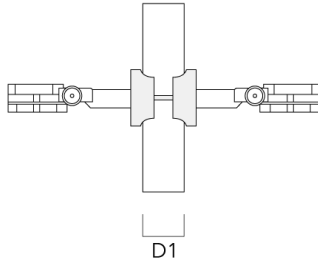


SP2-2/M8 Pole clamp, double (Ø 38-60)	146-0247	38-60	1	38-66
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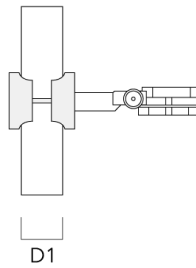


**FLC141 LED**

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



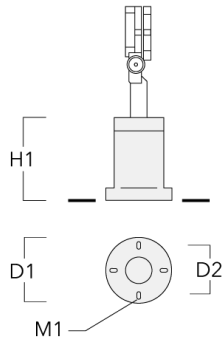
SP1-2/M8 Pole clamp, single (Ø 38-60)	146-0245	38-60	1	38-66
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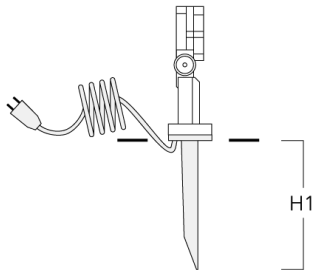
## Short post EM

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

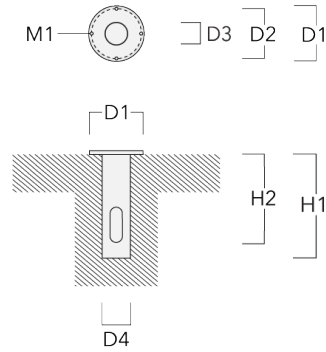




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**Planted root**

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



**Junction box JB1**

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

