

145-9858

FLD121 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.

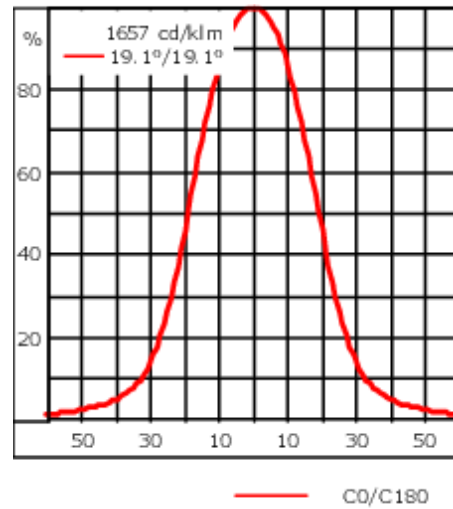
Weight	2.20 kg
Light distribution	symmetric, medium beam [M]
Light source	LED-6/18W / 1050 mA - 3000 K
CRI	80
Power supply	EC
LEDs	6
Rated input power	21 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	430
Total Lumen	2580
Tj	85
<b>Rated lumens (lm)</b>	
LED Lumen	361.2
Total Lumen	2167.2
Ta	25

**WE-EF LIGHTING (Thailand) Co., Ltd.**

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<https://we-ef.com/asia>

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



## 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

### Electrical description

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

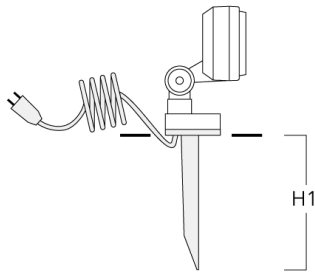
### Additional information

Lifetime	T <sub>a</sub> =25° L90B10 > 90000h
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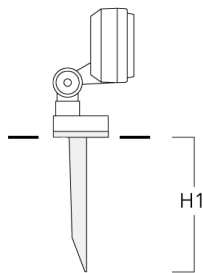
**Mounting Accessories**

**Ground spike**

Description	Part ID	H1	Weight (kg)
Ground spike EF1 (including cable and plug)	145-9196	270	1.00



Ground spike EF1 (without cable and plug)	145-9198	270	0.40
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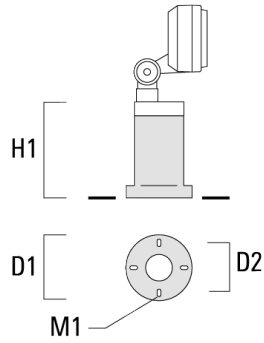
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**Short post**

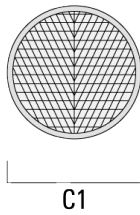
Description	Part ID	D1	D2	H1	M1	Weight (kg)
Short post EM1-2/M5	145-9200	160	130	200	9	1.10



### Optical Accessories

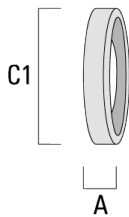
#### Wallwash lens

Description	Part ID	C1
Wallwash lens IO-20	145-9479	97



#### Optical Adaptor

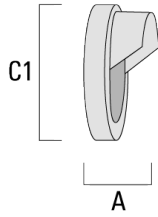
Description	Part ID	A	C1
External optical adaptor EA	145-9530	57	109



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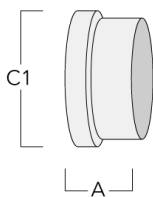
**Glare shield**

Description	Part ID	A	C1
Glare shield ES	145-9531	57	109



**Snoot**

Description	Part ID	A	C1
Snoot ET	145-9532	57	109



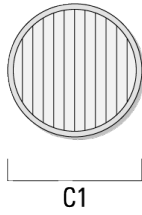
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**Linear spread lens**

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Description	Part ID	C1
Linear spread lens EO-180	145-9533	101

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**Flood lens**

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Description	Part ID	C1
Flood lens EO-360	145-9534	101

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