

145-9553

FLD131 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.

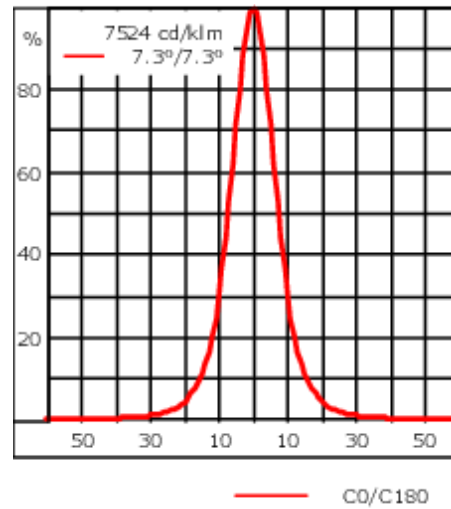
Weight	3.30 kg
Light distribution	symmetric, very narrow beam [EE]
Light source	LED-12/24W / 700 mA - 4000 K
CRI	80
Power supply	EC
LEDs	12
Rated input power	27 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	310
Total Lumen	3720
T <sub>j</sub>	85
<b>Rated lumens (lm)</b>	
LED Lumen	248.3
Total Lumen	2979.1
T <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: #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: #404040; 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	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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### Short post

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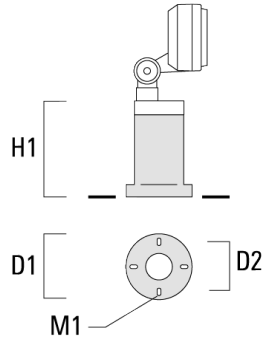
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Description	Part ID	D1	D2	H1	M1	Weight (kg)
Short post EM1-2/M5	145-9200	160	130	200	9	1.10

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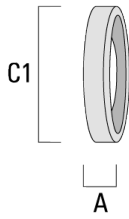
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## Optical Accessories

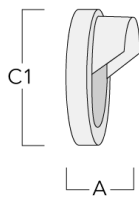
### Optical Adaptor

Description	Part ID	A	C1
External optical adaptor EA	145-9570	70	134



### Glare shield

Description	Part ID	A	C1
Glare shield ES	145-9571	70	134



### Snoot

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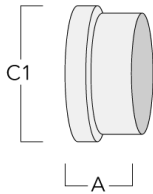
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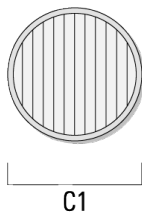
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Description	Part ID	A	C1
Snoot ET	145-9572	70	134



**Linear spread lens**

Description	Part ID	C1
Linear spread lens EO-180	145-9573	130



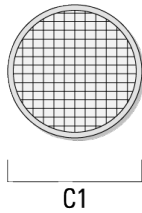
**Flood lens**

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Description	Part ID	C1
Flood lens EO-360	145-9574	130

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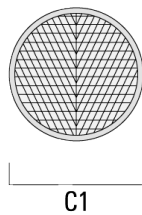
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**Wallwash lens**

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Description	Part ID	C1
Wallwash lens IO-20	145-9577	125

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