

### Description




IP66, Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection + primer including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

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.

2700 K option available on request. Optional 2200 K version available. To be specified at time of ordering.

**Specifications****Material description**

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Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	 RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware (unpainted)
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE+Primer

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**Electrical description**

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Power supply	230V / 50 Hz
Driver / Ballast	Integral EC electronic converter in thermally-separated compartment

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**Additional information**

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Lifetime	Ta=40° L90B10 > 90000h
Warranty	The product is supplied with 10-year warranty. Please refer to the LED Warranty Statement located on <a href="http://www.we-ef.com">www.we-ef.com</a> for further details.

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# FLD131 LED

## Projectors

**we-ef**

### Options

#### Light distribution



symmetric, medium beam [M]



symmetric, very narrow beam [EE]



symmetric, wide beam [B]



symmetric, very narrow beam, sharp cut-off [EES]



wallwash

#### Colour temperature



3000 K



4000 K

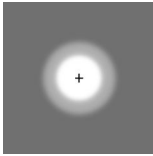

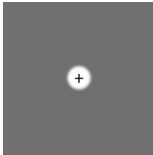
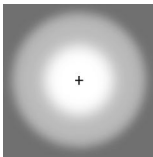



2700 K

#### Nominal Watt

3 W

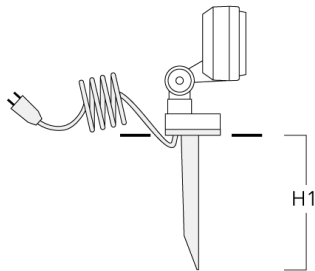
### Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
symmetric, medium beam [M] 	145-0317	LED-12/24W / 700 mA - 2700 K	2715.8	27 W	80	2.70
	145-9549	LED-12/24W / 700 mA - 3000 K	2908.1	27 W	80	2.70
	145-9552	LED-12/24W / 700 mA - 4000 K	3108.7	27 W	80	2.70
symmetric, very narrow beam [EE] 	145-0318	LED-12/24W / 700 mA - 2700 K	2570.2	27 W	80	2.70
	145-9550	LED-12/24W / 700 mA - 3000 K	2786.9	27 W	80	2.70
	145-9553	LED-12/24W / 700 mA - 4000 K	2979.1	27 W	80	2.70
symmetric, very narrow beam, sharp cut-off [EES] 	145-0319	LED-12/24W / 700 mA - 2700 K	2779.9	27 W	80	2.70
	145-9605	LED-12/24W / 700 mA - 3000 K	2985.8	27 W	80	2.70
	145-9607	LED-12/24W / 700 mA - 4000 K	3191.8	27 W	80	2.70
symmetric, wide beam [B] 	145-0316	LED-12/24W / 700 mA - 2700 K	2138.3	27 W	80	2.70
	145-9604	LED-12/24W / 700 mA - 3000 K	2296.7	27 W	80	2.70
	145-9606	LED-12/24W / 700 mA - 4000 K	2455	27 W	80	2.70
wallwash 	145-9549+145-9577	LED-12/24W / 700 mA - 3000 K	2284.9	27 W	80	3.30
	145-9552+145-9577	LED-12/24W / 700 mA - 4000 K	2442.4	27 W	80	3.30

**Mounting Accessories**

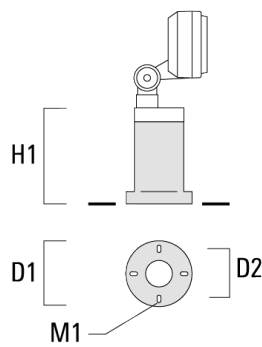
**Ground spike EF**

Description	Part ID	H1	Weight (kg)
Ground spike EF1-2/M5 for FLD100	145-9196	270	1.00



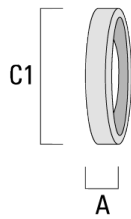
**Short post EM**

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

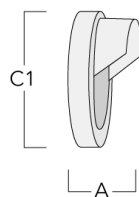


**Optical Accessories****Optical Adaptor**

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

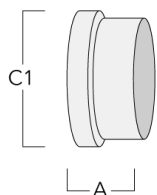
**Glare shield**

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



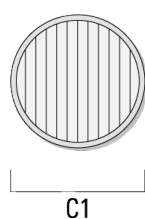
### Snoot

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



### Linear spread lens

Description	Part ID	C1
EO-180-FLD131-LED	145-9573	130

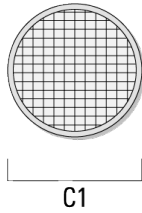


**Surface wash lens**

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Description	Part ID	C1
EO-360-FLD131-LED	145-9574	130

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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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