

### 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.

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.

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.

**Projectors****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
Windage	0.057 m <sup>2</sup>

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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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### Options

#### Light distribution



symmetric, medium beam [M]



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



symmetric, wide beam [B]



symmetric, very narrow beam [EE]



linear spread, very narrow beam [EE]



linear spread, very narrow beam, sharp cut-off [EES]



wallwash

#### Colour temperature



3000 K



4000 K

RGBW



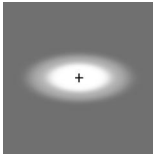
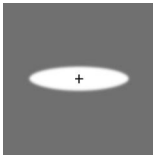
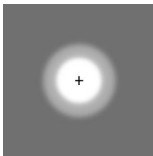

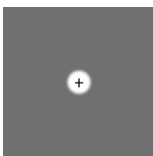
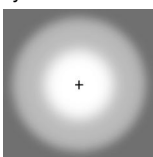

2700 K

#### Nominal Watt

56 W

0 W

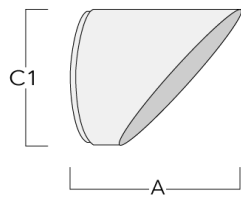
### Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, very narrow beam [EE] 	146-0964+146-0439	LED-24/48W / 700 mA - 2700 K	5162.8	54 W	80	4.40
	146-7064+146-0439	LED-24/48W / 700 mA - 3000 K	5545.2	54 W	80	4.40
	146-7065+146-0439	LED-24/48W / 700 mA - 4000 K	5927.6	54 W	80	4.40
linear spread, very narrow beam, sharp cut-off [EES] 	146-0872+146-0439	LED-24/48W / 700 mA - 2700 K	5683.9	54 W	80	4.70
	146-7052+146-0439	LED-24/48W / 700 mA - 3000 K	6104.9	54 W	80	4.40
	146-7053+146-0439	LED-24/48W / 700 mA - 4000 K	6526	54 W	80	4.40
symmetric, medium beam [M] 	146-0965	LED-24/48W / 700 mA - 2700 K	5630.1	54 W	80	4.40
	146-7050	LED-24/48W / 700 mA - 3000 K	6047.2	54 W	80	4.40
	146-7051	LED-24/48W / 700 mA - 4000 K	6464.2	54 W	80	4.40
	146-8098	LED-24/48W - RGBW	2963.9	54 W	20/80	4.40
symmetric, very narrow beam [EE] 	146-0964	LED-24/48W / 700 mA - 2700 K	5573.3	54 W	80	4.40
	146-7064	LED-24/48W / 700 mA - 3000 K	5986.1	54 W	80	4.40
	146-7065	LED-24/48W / 700 mA - 4000 K	6398.9	54 W	80	4.40
	146-8097	LED-24/48W - RGBW	2921.6	54 W	20/80	4.40
symmetric, very narrow beam, sharp cut-off [EES] 	146-0872	LED-24/48W / 700 mA - 2700 K	5998.4	54 W	80	4.40
	146-7052	LED-24/48W / 700 mA - 3000 K	6442.7	54 W	80	4.40
	146-7053	LED-24/48W / 700 mA - 4000 K	6887	54 W	80	4.40
symmetric, wide beam [B] 	146-0963	LED-24/48W / 700 mA - 2700 K	5016.9	54 W	80	4.40
	146-7062	LED-24/48W / 700 mA - 3000 K	5388.5	54 W	80	4.40
	146-7063	LED-24/48W / 700 mA - 4000 K	5760.1	54 W	80	4.40
	146-8099	LED-24/48W - RGBW	2666.8	54 W	20/80	4.40
wallwash 	146-0965+146-0646	LED-24/48W / 700 mA - 2700 K	4517.3	54 W	80	4.40
	146-7050+146-0646	LED-24/48W / 700 mA - 3000 K	4851.9	54 W	80	4.40
	146-7051+146-0646	LED-24/48W / 700 mA - 4000 K	5186.6	54 W	80	4.40

**Optical Accessories**

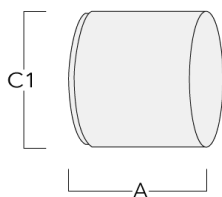
**Glare shield**

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



**Snoot**

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



## Projectors

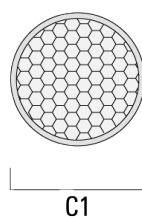
### Linear louvre

Description	Part ID	C1
Linear louvre IL for FLC141 LED	146-9056	145



### Honeycomb louvre

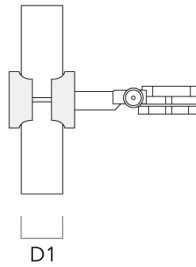
Description	Part ID	C1
IW-FLC141-LED	146-0626	145



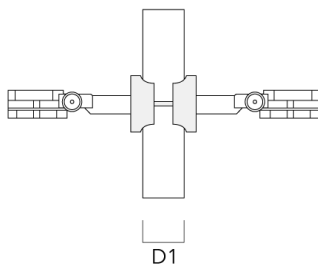
**Mounting Accessories**

**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

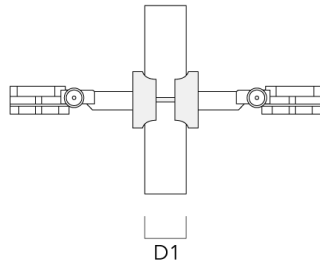


SP2-2/M8 Pole clamp, double (Ø 38-60)	146-0247	38-60	1	38-66
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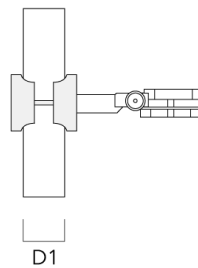


## Projectors

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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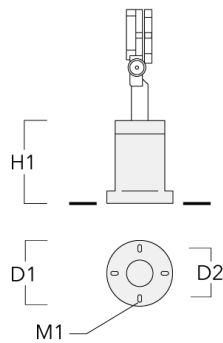




## Projectors

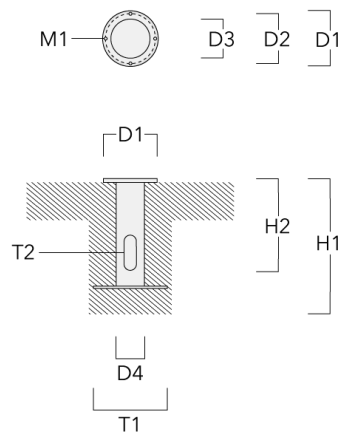
### Short post EM

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



### Planted root

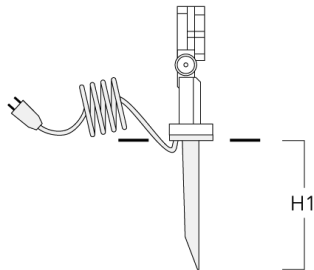
Description	Part ID	D1	D2	D3	D4	H1	H2	M1	T1	T2	Weight (kg)
Planted root ESV4	300-0461-AP	150	130	60	89	400	350	8	200	50 x 100	3.85



**Projectors**

**Ground spike EF**

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



**Junction box JB1**

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

