

### **Description**

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

Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control.

Mains voltage versions, ON-OFF Class I. Integral EC electronic converter.

24VDC low voltage versions, ON-OFF Class III.

Remote 24VDC power supply to be ordered separately.

Optical accessories are factory-installed. To be specified at time of ordering.

**Projectors**

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**Specifications****Material description**

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Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	 RAL9004 Signal black  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.01 m <sup>2</sup>

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**Electrical description**

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Driver / Ballast	Integral EC electronic converter (mains voltage). Integral ED electronic driver (24VDC low voltage).
Power factor	>0.9

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**Additional information**

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Lifetime	Ta=25° L90B10 > 90000h
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**Options**

**Light distribution**



symmetric, wide beam [B]



symmetric, medium beam [M]



symmetric, narrow beam [E]



symmetric, very narrow beam [EE]



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



linear spread, very narrow beam [EE]



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



wallwash

**Colour temperature**

**Nominal Watt**



2700 K



3000 K

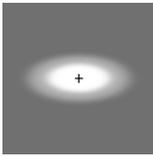
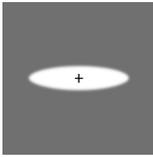
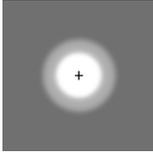
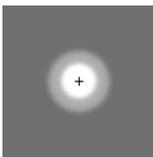
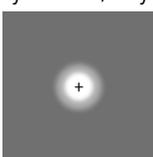


4000 K

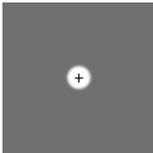
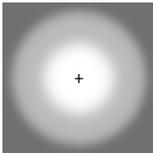
0 W

Projectors

**Configurations**

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, very narrow beam [EE] 	145-7198+145-7229	LED-1/4W / 350 mA - 2700 K	384.7	5 W	80	0.80
	145-7199+145-7229	LED-1/4W / 350 mA - 3000 K	384.7	5 W	80	0.80
	145-7200+145-7229	LED-1/4W / 350 mA - 4000 K	416.1	5 W	80	0.80
linear spread, very narrow beam, sharp cut-off [EES] 	145-7201+145-7229	LED-1/4W / 350 mA - 2700 K	343.5	5 W	80	0.80
	145-7202+145-7229	LED-1/4W / 350 mA - 3000 K	343.5	5 W	80	0.80
	145-7203+145-7229	LED-1/4W / 350 mA - 4000 K	369.9	5 W	80	0.80
symmetric, medium beam [M] 	145-7195	LED-1/4W / 350 mA - 2700 K	398.4	5 W	80	0.80
	145-7195+0025	LED-1/4W / 350 mA - 2700 K	398.4	5 W	80	0.80
	145-7196	LED-1/4W / 350 mA - 3000 K	398.4	5 W	80	0.80
	145-7196+0025	LED-1/4W / 350 mA - 3000 K	398.4	5 W	80	0.80
	145-7197	LED-1/4W / 350 mA - 4000 K	431	5 W	80	0.80
	145-7197+0025	LED-1/4W / 350 mA - 4000 K	431	5 W	80	0.80
	145-7518+0025	LED-1/6W / 500 mA - 2700 K	544.7	6 W	80	0.80
	145-7519+0025	LED-1/6W / 500 mA - 3000 K	544.7	6 W	80	0.80
symmetric, narrow beam [E] 	145-7243	LED-1/4W / 350 mA - 2700 K	415.2	5 W	80	0.80
	145-7243+0025	LED-1/4W / 350 mA - 2700 K	415.2	5 W	80	0.80
	145-7244	LED-1/4W / 350 mA - 3000 K	415.2	5 W	80	0.80
	145-7244+0025	LED-1/4W / 350 mA - 3000 K	415.2	5 W	80	0.80
	145-7245	LED-1/4W / 350 mA - 4000 K	449.1	5 W	80	0.80
	145-7245+0025	LED-1/4W / 350 mA - 4000 K	449.1	5 W	80	0.80
	145-7521+0025	LED-1/6W / 500 mA - 2700 K	567.5	6 W	80	0.80
	145-7522+0025	LED-1/6W / 500 mA - 3000 K	567.5	6 W	80	0.80
symmetric, very narrow beam [EE] 	145-7198	LED-1/4W / 350 mA - 2700 K	415.5	5 W	80	0.80
	145-7198+0025	LED-1/4W / 350 mA - 2700 K	415.5	5 W	80	0.80
	145-7199	LED-1/4W / 350 mA - 3000 K	415.5	5 W	80	0.80
	145-7199+0025	LED-1/4W / 350 mA - 3000 K	415.5	5 W	80	0.80
	145-7200	LED-1/4W / 350 mA - 4000 K	449.5	5 W	80	0.80
	145-7200+0025	LED-1/4W / 350 mA - 4000 K	449.5	5 W	80	0.80

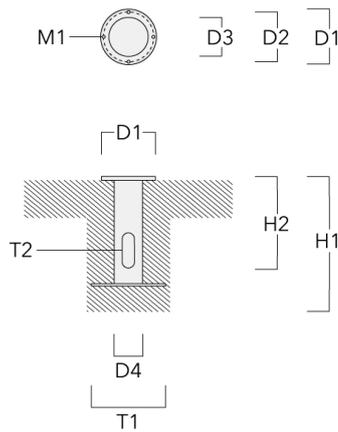
## Projectors

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
symmetric, very narrow beam, sharp cut-off [EES] 	145-7524+0025	LED-1/6W / 500 mA - 2700 K	568.2	6 W	80	0.80
	145-7525+0025	LED-1/6W / 500 mA - 3000 K	568.2	6 W	80	0.80
	145-7526+0025	LED-1/6W / 500 mA - 4000 K	610.6	6 W	80	0.80
	145-7201	LED-1/4W / 350 mA - 2700 K	382.2	5 W	80	0.80
	145-7201+0025	LED-1/4W / 350 mA - 2700 K	382.2	5 W	80	0.80
	145-7202	LED-1/4W / 350 mA - 3000 K	382.2	5 W	80	0.80
	145-7202+0025	LED-1/4W / 350 mA - 3000 K	382.2	5 W	80	0.80
	145-7203	LED-1/4W / 350 mA - 4000 K	411.6	5 W	80	0.80
	145-7203+0025	LED-1/4W / 350 mA - 4000 K	411.6	5 W	80	0.80
	145-7527+0025	LED-1/6W / 500 mA - 2700 K	516.6	6 W	80	0.80
145-7528+0025	LED-1/6W / 500 mA - 3000 K	516.6	6 W	80	0.80	
145-7529+0025	LED-1/6W / 500 mA - 4000 K	558.6	6 W	80	0.80	
symmetric, wide beam [B] 	145-7192	LED-1/4W / 350 mA - 2700 K	379.1	5 W	80	0.80
	145-7192+0025	LED-1/4W / 350 mA - 2700 K	379.1	5 W	80	0.80
	145-7193	LED-1/4W / 350 mA - 3000 K	379.1	5 W	80	0.80
	145-7193+0025	LED-1/4W / 350 mA - 3000 K	379.1	5 W	80	0.80
	145-7194	LED-1/4W / 350 mA - 4000 K	410.1	5 W	80	0.80
	145-7194+0025	LED-1/4W / 350 mA - 4000 K	410.1	5 W	80	0.80
	145-7515+0025	LED-1/6W / 500 mA - 2700 K	517.9	6 W	80	0.80
	145-7516+0025	LED-1/6W / 500 mA - 3000 K	517.9	6 W	80	0.80
145-7517+0025	LED-1/6W / 500 mA - 4000 K	556.6	6 W	80	0.80	
wallwash 	145-7195+145-7230	LED-1/4W / 350 mA - 2700 K	331.7	5 W	80	0.80
	145-7196+145-7230	LED-1/4W / 350 mA - 3000 K	331.7	5 W	80	0.80
	145-7197+145-7230	LED-1/4W / 350 mA - 4000 K	358.8	5 W	80	0.80

**Mounting Accessories**

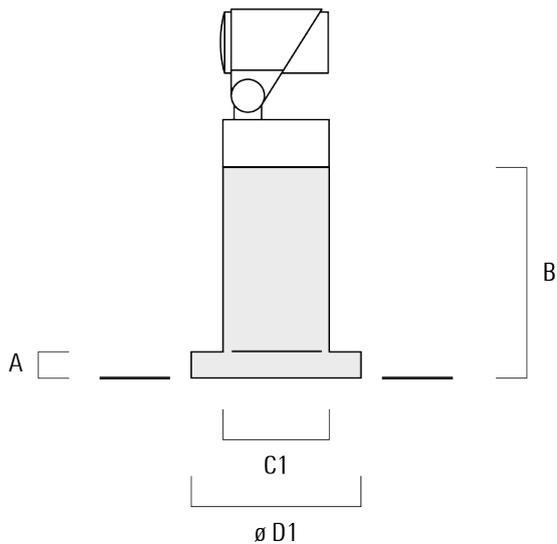
**Planted root**

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



**Short post**

Description	Part ID	A	B	C1	D1	Weight (kg)
Short post EM1 for FLC301	145-9200	26	200	100	160	1.10

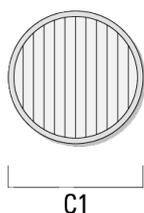


**Projectors**

**Optical Accessories**

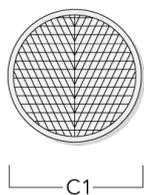
**Linear spread lens**

Description	Part ID	C1
Linear spread lens IO-180	145-7229	42.5



**Wallwash lens**

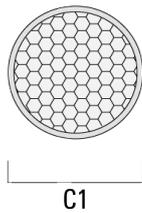
Description	Part ID	C1
Wallwash lens IO-20	145-7230	42.5



**Projectors**

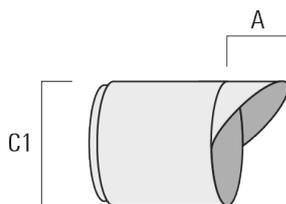
**Honeycomb louvre**

Description	Part ID	C1
Honeycomb louvre IW	145-7231	42.5



**Glare shield**

Description	Part ID	A	C1
Glare shield ES	145-7232	20.5	58

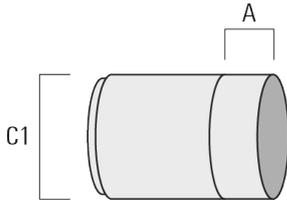


**Projectors**

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**Snoot**

Description	Part ID	A	C1
Snoot ET	145-7233	22.5	58



## Projectors

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### Control

#### ON-OFF, 24VDC low voltage version

Description	Part ID
24VDC low voltage version	0025