

### Description

IP66. IK08. Marine-grade, all aluminium construction. 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.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. Two cable entries.

Mains voltage versions, ON-OFF Class I. 1-10 V analogue dimming or DALI interface available on request; refer to accessory listings.

Knuckle permits 340° rotation, forward tilt 54° and backward tilt 90°.

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

### Specifications

#### Material description

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Body	Marine-grade, all aluminium construction
Lens	Safety glass lens
Colours	 RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.065 m <sup>2</sup>

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#### Electrical description

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Driver / Ballast	DALI
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#### Additional information

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Lifetime	Ta=25° L90B10 > 90000h
Energy efficiency class	D-E (Light source)

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### Options

#### Light distribution



symmetric, wide beam [B]



symmetric, medium beam [M]



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

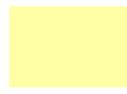
#### Colour temperature



2700 K



3000 K

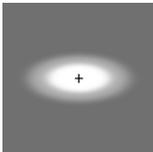
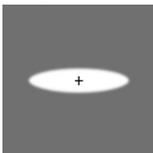
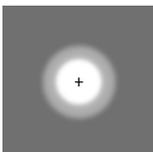
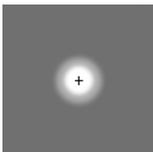


4000 K

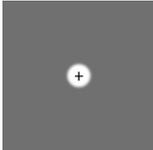
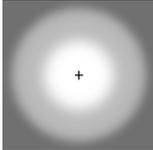
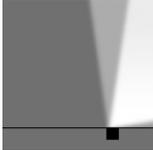
#### Nominal Watt

0 W

### Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, very narrow beam [EE] 	145-7690+145-7781	LED-3/6W / 180 mA - 2700 K	539.2	7.5 W	80	3.20
	145-7691+145-7781	LED-3/9W / 250 mA - 2700 K	756.9	11 W	80	3.20
	145-7692+145-7781	LED-3/12W / 350 mA - 2700 K	1016.1	13.9 W	80	3.20
	145-7693+145-7781	LED-3/6W / 180 mA - 3000 K	539.2	7.5 W	80	3.20
	145-7694+145-7781	LED-3/9W / 250 mA - 3000 K	756.9	11 W	80	3.20
	145-7695+145-7781	LED-3/12W / 350 mA - 3000 K	1016.1	13.9 W	80	3.20
	145-7696+145-7781	LED-3/6W / 180 mA - 4000 K	580.6	7.5 W	80	3.20
	145-7697+145-7781	LED-3/9W / 250 mA - 4000 K	808.7	11 W	80	3.20
	145-7698+145-7781	LED-3/12W / 350 mA - 4000 K	1099.1	13.9 W	80	3.20
linear spread, very narrow beam, sharp cut-off [EES] 	145-7699+145-7781	LED-3/6W / 180 mA - 2700 K	528.4	7.5 W	80	3.20
	145-7700+145-7781	LED-3/9W / 250 mA - 2700 K	748.5	11 W	80	3.20
	145-7701+145-7781	LED-3/12W / 350 mA - 2700 K	1001.7	13.9 W	80	3.20
	145-7702+145-7781	LED-3/6W / 180 mA - 3000 K	528.4	7.5 W	80	3.20
	145-7703+145-7781	LED-3/9W / 250 mA - 3000 K	748.5	11 W	80	3.20
	145-7704+145-7781	LED-3/12W / 350 mA - 3000 K	1001.7	13.9 W	80	3.20
	145-7705+145-7781	LED-3/6W / 180 mA - 4000 K	572.4	7.5 W	80	3.20
	145-7706+145-7781	LED-3/9W / 250 mA - 4000 K	803.6	11 W	80	3.20
	145-7707+145-7781	LED-3/12W / 350 mA - 4000 K	1078.8	13.9 W	80	3.20
symmetric, medium beam [M] 	145-7681	LED-3/6W / 180 mA - 2700 K	600.4	7.5 W	80	3.20
	145-7682	LED-3/9W / 250 mA - 2700 K	842.9	11 W	80	3.20
	145-7683	LED-3/12W / 350 mA - 2700 K	1131.6	13.9 W	80	3.20
	145-7684	LED-3/6W / 180 mA - 3000 K	600.4	7.5 W	80	3.20
	145-7685	LED-3/9W / 250 mA - 3000 K	842.9	11 W	80	3.20
	145-7686	LED-3/12W / 350 mA - 3000 K	1131.6	13.9 W	80	3.20
	145-7687	LED-3/6W / 180 mA - 4000 K	646.6	7.5 W	80	3.20
	145-7688	LED-3/9W / 250 mA - 4000 K	900.6	11 W	80	3.20
	145-7689	LED-3/12W / 350 mA - 4000 K	1224	13.9 W	80	3.20
symmetric, very narrow beam [EE] 	145-7690	LED-3/6W / 180 mA - 2700 K	605.2	7.5 W	80	3.20
	145-7691	LED-3/9W / 250 mA - 2700 K	849.6	11 W	80	3.20
	145-7692	LED-3/12W / 350 mA - 2700 K	1140.5	13.9 W	80	3.20
	145-7693	LED-3/6W / 180 mA - 3000 K	605.2	7.5 W	80	3.20
	145-7694	LED-3/9W / 250 mA - 3000 K	849.6	11 W	80	3.20
	145-7695	LED-3/12W / 350 mA - 3000 K	1140.5	13.9 W	80	3.20
	145-7696	LED-3/6W / 180 mA - 4000 K	651.7	7.5 W	80	3.20

## Projectors

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
symmetric, very narrow beam, sharp cut-off [EES] 	145-7697	LED-3/9W / 250 mA - 4000 K	907.8	11 W	80	3.20
	145-7698	LED-3/12W / 350 mA - 4000 K	1233.6	13.9 W	80	3.20
	145-7699	LED-3/6W / 180 mA - 2700 K	606.3	7.5 W	80	3.20
	145-7700	LED-3/9W / 250 mA - 2700 K	858.9	11 W	80	3.20
	145-7701	LED-3/12W / 350 mA - 2700 K	1149.4	13.9 W	80	3.20
	145-7702	LED-3/6W / 180 mA - 3000 K	606.3	7.5 W	80	3.20
	145-7703	LED-3/9W / 250 mA - 3000 K	858.9	11 W	80	3.20
	145-7704	LED-3/12W / 350 mA - 3000 K	1149.4	13.9 W	80	3.20
	145-7705	LED-3/6W / 180 mA - 4000 K	656.8	7.5 W	80	3.20
	145-7706	LED-3/9W / 250 mA - 4000 K	922	11 W	80	3.20
145-7707	LED-3/12W / 350 mA - 4000 K	1237.8	13.9 W	80	3.20	
symmetric, wide beam [B] 	145-7672	LED-3/6W / 180 mA - 2700 K	595.4	7.5 W	80	3.20
	145-7673	LED-3/9W / 250 mA - 2700 K	835.8	11 W	80	3.20
	145-7674	LED-3/12W / 350 mA - 2700 K	1122.1	13.9 W	80	3.20
	145-7675	LED-3/6W / 180 mA - 3000 K	595.4	7.5 W	80	3.20
	145-7676	LED-3/9W / 250 mA - 3000 K	835.8	11 W	80	3.20
	145-7677	LED-3/12W / 350 mA - 3000 K	1122.1	13.9 W	80	3.20
	145-7678	LED-3/6W / 180 mA - 4000 K	641.2	7.5 W	80	3.20
	145-7679	LED-3/9W / 250 mA - 4000 K	893.1	11 W	80	3.20
	145-7680	LED-3/12W / 350 mA - 4000 K	1213.7	13.9 W	80	3.20
	wallwash 	145-7681+145-7782	LED-3/6W / 180 mA - 2700 K	408.7	7.5 W	80
145-7682+145-7782		LED-3/9W / 250 mA - 2700 K	573.7	11 W	80	3.20
145-7683+145-7782		LED-3/12W / 350 mA - 2700 K	770.2	13.9 W	80	3.20
145-7684+145-7782		LED-3/6W / 180 mA - 3000 K	408.7	7.5 W	80	3.20
145-7685+145-7782		LED-3/9W / 250 mA - 3000 K	573.7	11 W	80	3.20
145-7686+145-7782		LED-3/12W / 350 mA - 3000 K	770.2	13.9 W	80	3.20
145-7687+145-7782		LED-3/6W / 180 mA - 4000 K	440.1	7.5 W	80	3.20
145-7688+145-7782		LED-3/9W / 250 mA - 4000 K	613	11 W	80	3.20
145-7689+145-7782		LED-3/12W / 350 mA - 4000 K	833.1	13.9 W	80	3.20

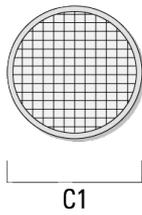
**Optical Accessories**

**Flood lens**

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Description	Part ID	C1
IO-360-FLC311 for [EE]	145-7786	59

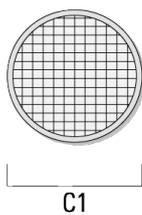
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IO-360-FLC311 for [EES]	145-7780	59
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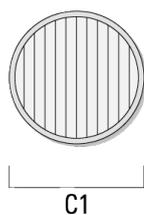
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## Projectors

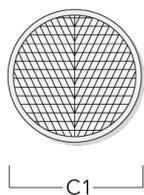
### Linear spread lens

Description	Part ID	C1
IO-180-FLC311	145-7781	59



### Wallwash lens

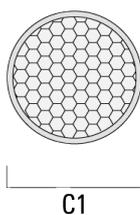
Description	Part ID	C1
IO-20-FLC311	145-7782	59



**Projectors**

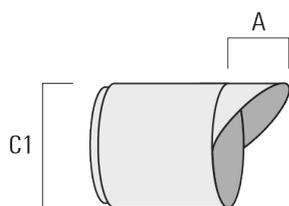
**Honeycomb louvre**

Description	Part ID	C1
IW-FLC311	145-7783	59



**Glare shield**

Description	Part ID	A	C1
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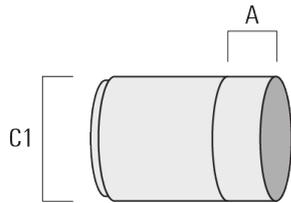


## Projectors

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### Snoot

Description	Part ID	A	C1
ET-FLC311	145-7785	34	85



### Control

#### 0-10 V, 24VDC low voltage version

Description	Part ID
24VDC low voltage version, 0-10 V	0033