

### **Description**

IP66. IK08. 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. Knuckle permits 350° rotation, forward tilt 38° and backward tilt 90°.






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

Optical accessories are factory-installed. 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  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	0.045 m <sup>2</sup>

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#### Electrical description

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Driver / Ballast	Integral EC electronic converter
Power factor	>0.9

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#### Additional information

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

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# FLC321 Surface mounted

## Projectors

**we-ef**

### 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



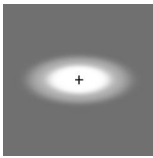
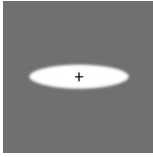
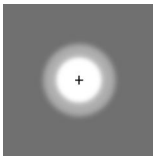

4000 K

#### Nominal Watt

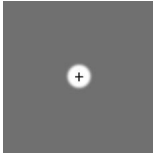
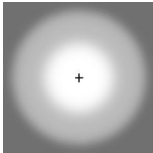

0 W

## Projectors

### Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, very narrow beam [EE] 	145-7338+145-9991	LED-6/26W / 1400 mA - 2700K	2027.2	29 W	80	3.10
	145-7339+145-9991	LED-6/26W / 1400 mA - 3000K	2144.1	29 W	80	3.10
	145-7340+145-9991	LED-6/26W / 1400 mA - 4000K	2241.6	29 W	80	3.10
	145-9979+145-9991	LED-6/12W / 700 mA - 2700 K	1096	14.5 W	80	2.60
	145-9980+145-9991	LED-6/18W / 1050 mA - 2700 K	1522.2	21 W	80	3.10
	145-9981+145-9991	LED-6/12W / 700 mA - 3000 K	1177.2	14.5 W	80	2.60
	145-9982+145-9991	LED-6/18W / 1050 mA - 3000 K	1644	21 W	80	3.10
	145-9983+145-9991	LED-6/12W / 700 mA - 4000 K	1258.4	14.5 W	80	2.60
	145-9984+145-9991	LED-6/18W / 1050 mA - 4000 K	1745.5	21 W	80	3.10
linear spread, very narrow beam, sharp cut-off [EES] 	145-7341+145-9991	LED-6/26W / 1400 mA - 2700K	2158.4	29 W	80	3.10
	145-7342+145-9991	LED-6/26W / 1400 mA - 3000K	2282.9	29 W	80	3.10
	145-7343+145-9991	LED-6/26W / 1400 mA - 4000K	2386.7	29 W	80	3.10
	145-9985+145-9991	LED-6/12W / 700 mA - 2700 K	1125.5	14.5 W	80	2.60
	145-9986+145-9991	LED-6/18W / 1050 mA - 2700 K	1563.1	21 W	80	3.10
	145-9987+145-9991	LED-6/12W / 700 mA - 3000 K	1208.8	14.5 W	80	2.60
	145-9988+145-9991	LED-6/18W / 1050 mA - 3000 K	1688.2	21 W	80	3.10
	145-9989+145-9991	LED-6/12W / 700 mA - 4000 K	1292.2	14.5 W	80	2.60
	145-9990+145-9991	LED-6/18W / 1050 mA - 4000 K	1792.4	21 W	80	3.10
symmetric, medium beam [M] 	145-7335	LED-6/26W / 1400 mA - 2700K	2179.3	29 W	80	3.10
	145-7336	LED-6/26W / 1400 mA - 3000K	2305	29 W	80	3.10
	145-7337	LED-6/26W / 1400 mA - 4000K	2409.8	29 W	80	3.10
	145-9973	LED-6/12W / 700 mA - 2700 K	1162.6	14.5 W	80	3.10
	145-9974	LED-6/18W / 1050 mA - 2700 K	1614.8	21 W	80	3.10
	145-9975	LED-6/12W / 700 mA - 3000 K	1248.7	14.5 W	80	3.10
	145-9976	LED-6/18W / 1050 mA - 3000 K	1743.9	21 W	80	3.10
	145-9977	LED-6/12W / 700 mA - 4000 K	1334.9	14.5 W	80	3.10
	145-9978	LED-6/18W / 1050 mA - 4000 K	1851.6	21 W	80	3.10
symmetric, very narrow beam [EE] 	145-7338	LED-6/26W / 1400 mA - 2700K	2258.5	29 W	80	3.10
	145-7339	LED-6/26W / 1400 mA - 3000K	2388.8	29 W	80	3.10
	145-7340	LED-6/26W / 1400 mA - 4000K	2497.4	29 W	80	3.10
	145-9979	LED-6/12W / 700 mA - 2700 K	1224.7	14.5 W	80	2.60
	145-9980	LED-6/18W / 1050 mA - 2700 K	1701	21 W	80	3.10
	145-9981	LED-6/12W / 700 mA - 3000 K	1315.4	14.5 W	80	2.60
	145-9982	LED-6/18W / 1050 mA - 3000 K	1837.1	21 W	80	3.10
	145-9983	LED-6/12W / 700 mA - 4000 K	1406.2	14.5 W	80	2.60

## Projectors

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
symmetric, very narrow beam, sharp cut-off [EES] 	145-9984	LED-6/18W / 1050 mA - 4000 K	1950.5	21 W	80	3.10
	145-7341	LED-6/26W / 1400 mA - 2700K	2319.7	29 W	80	3.10
	145-7342	LED-6/26W / 1400 mA - 3000K	2453.5	29 W	80	3.10
	145-7343	LED-6/26W / 1400 mA - 4000K	2565	29 W	80	3.10
	145-9985	LED-6/12W / 700 mA - 2700 K	1259.7	14.5 W	80	2.60
	145-9986	LED-6/18W / 1050 mA - 2700 K	1749.6	21 W	80	3.10
	145-9987	LED-6/12W / 700 mA - 3000 K	1353	14.5 W	80	2.60
	145-9988	LED-6/18W / 1050 mA - 3000 K	1889.5	21 W	80	3.10
	145-9989	LED-6/12W / 700 mA - 4000 K	1446.3	14.5 W	80	2.60
	145-9990	LED-6/18W / 1050 mA - 4000 K	2006.2	21 W	80	3.10
symmetric, wide beam [B] 	145-7332	LED-6/26W / 1400 mA - 2700K	1665.8	29 W	80	3.10
	145-7333	LED-6/26W / 1400 mA - 3000K	1761.9	29 W	80	3.10
	145-7334	LED-6/26W / 1400 mA - 4000K	1842	29 W	80	3.10
	145-9967	LED-6/12W / 700 mA - 2700 K	887.8	14.5 W	80	3.10
	145-9968	LED-6/18W / 1050 mA - 2700 K	1233	21 W	80	3.10
	145-9969	LED-6/12W / 700 mA - 3000 K	953.5	14.5 W	80	3.10
	145-9970	LED-6/18W / 1050 mA - 3000 K	1331.7	21 W	80	3.10
	145-9971	LED-6/12W / 700 mA - 4000 K	1019.3	14.5 W	80	3.10
	145-9972	LED-6/18W / 1050 mA - 4000 K	1413.9	21 W	80	3.10
	wallwash 	145-7335+145-9993	LED-6/26W / 1400 mA - 2700K	1807.9	29 W	80
145-7336+145-9993		LED-6/26W / 1400 mA - 3000K	1912.2	29 W	80	3.10
145-7337+145-9993		LED-6/26W / 1400 mA - 4000K	1999.1	29 W	80	3.10
145-9973+145-9993		LED-6/12W / 700 mA - 2700 K	991.7	14.5 W	80	3.10
145-9974+145-9993		LED-6/18W / 1050 mA - 2700 K	1377.4	21 W	80	3.10
145-9975+145-9993		LED-6/12W / 700 mA - 3000 K	1065.2	14.5 W	80	3.10
145-9976+145-9993		LED-6/18W / 1050 mA - 3000 K	1487.6	21 W	80	3.10
145-9977+145-9993		LED-6/12W / 700 mA - 4000 K	1138.6	14.5 W	80	3.10
145-9978+145-9993		LED-6/18W / 1050 mA - 4000 K	1579.4	21 W	80	3.10

### Control

#### Eco Step Dim® Advanced

Description	Part ID
Eco Step Dim® Advanced LED	430-0002

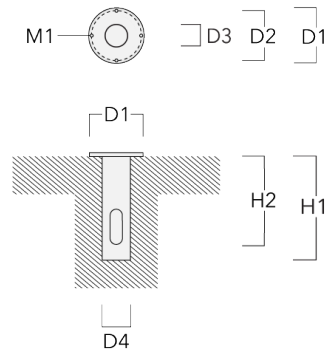
#### 0-10 V, 24VDC low voltage version

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

**Mounting Accessories**

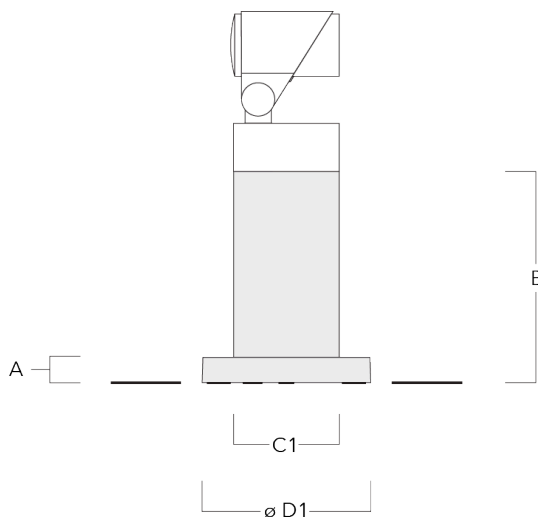
**Planted root**

Description	Part ID	D1	D2	D3	D4	H1	H2	M1	Weight (kg)
Planted root ESV4	300-0461	145	130	102	108	400	350	8	7.85



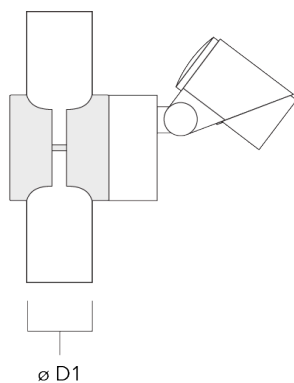
**Short post EM**

Description	Part ID	A	B	C1	D1	Weight (kg)
Short post EM1 for FLC311/321	146-7169	26	200	120	160	1.80

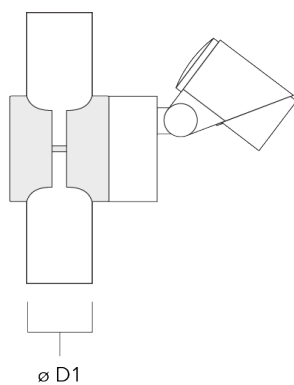


### Pole clamp SP

Description	Part ID	D1	Weight (kg)
Pole clamp SP1-M5, single (Ø 38-60)	146-7201	38-60	1.20



Pole clamp SP1-M5, single (Ø 76-89)	146-7202	76-89	1.10
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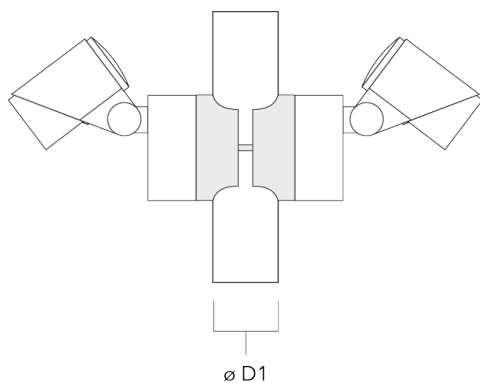


## Projectors

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Description	Part ID	D1	Weight (kg)
Pole clamp SP2-M5, single (Ø 38-60)	146-7203	38-60	1.30

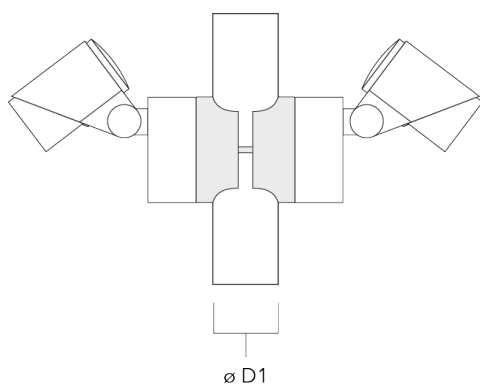
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Pole clamp SP2-M5, single (Ø 76-89)	146-7204	76-89	1.20
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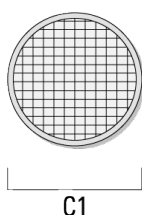
### Optical Accessories

#### Flood lens

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Description	Part ID	C1
IO-360-FLC321	145-9992	87

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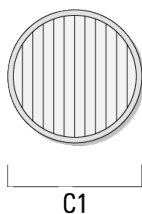
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#### Linear spread lens

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Description	Part ID	C1
IO-180-FLC321	145-9991	87

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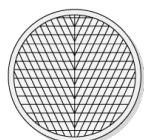


### Wallwash lens

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Description	Part ID	C1
IO-20-FLC321	145-9993	87

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C1

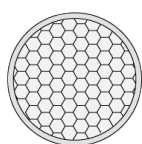
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### Honeycomb louvre

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Description	Part ID	C1
Honeycomb louvre IW	145-9994	87

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C1

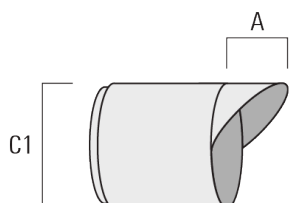
## Projectors

### Glare shield

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Description	Part ID	A	C1
ES-FLC321	145-9995	55	114

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### Snoot

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Description	Part ID	A	C1
ET-FLC321	145-9996	56	114

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