






Description

IP66, Class I. Class II on request. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. Integral EC electronic converter in thermally separated compartment. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. 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.

Specifications**Material description**

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 Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.041 m ²

Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
Surge protection	1/2 kV

Additional information

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

Options

Light distribution



symmetric, medium beam [M]



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



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



symmetric, wide beam [B]



symmetric, very narrow beam [EE]



linear spread, very narrow beam [EE]



wallwash

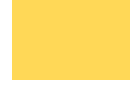
Colour temperature



3000 K



4000 K

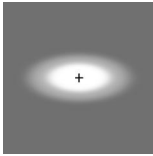
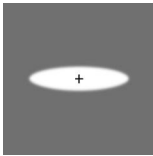
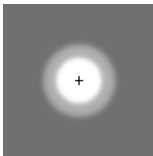

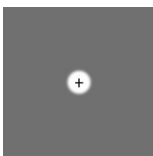
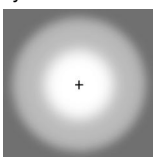



2700 K

Nominal Watt

3 W

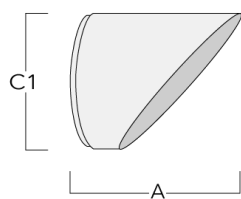
Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, very narrow beam [EE] 	146-0497+146-0418	LED-12/24W / 700 mA - 3000 K	2744.2	27 W	80	2.50
	146-0498+146-0418	LED-12/24W / 700 mA - 4000 K	2933.4	27 W	80	2.50
	146-0951+146-0418	LED-12/24W / 700 mA - 2700 K	2554.9	27 W	80	2.50
linear spread, very narrow beam, sharp cut-off [EES] 	146-0402+146-0418	LED-12/24W / 700 mA - 3000 K	2865.9	27 W	80	2.50
	146-0403+146-0418	LED-12/24W / 700 mA - 4000 K	3063.5	27 W	80	2.50
	146-0971+146-0418	LED-12/24W / 700 mA - 2700 K	2668.2	27 W	80	2.50
symmetric, medium beam [M] 	146-0399	LED-12/24W / 700 mA - 3000 K	2998.6	27 W	80	2.50
	146-0400	LED-12/24W / 700 mA - 4000 K	3205.4	27 W	80	2.50
	146-0922	LED-12/24W / 700 mA - 2700 K	2791.8	27 W	80	2.50
symmetric, very narrow beam [EE] 	146-0497	LED-12/24W / 700 mA - 3000 K	2883.7	27 W	80	2.50
	146-0498	LED-12/24W / 700 mA - 4000 K	3082.5	27 W	80	2.50
	146-0951	LED-12/24W / 700 mA - 2700 K	2684.8	27 W	80	2.50
symmetric, very narrow beam, sharp cut-off [EES] 	146-0402	LED-12/24W / 700 mA - 3000 K	3077.9	27 W	80	2.50
	146-0403	LED-12/24W / 700 mA - 4000 K	3290.2	27 W	80	2.50
	146-0971	LED-12/24W / 700 mA - 2700 K	2865.6	27 W	80	2.50
symmetric, wide beam [B] 	146-0494	LED-12/24W / 700 mA - 3000 K	2709.2	27 W	80	2.50
	146-0495	LED-12/24W / 700 mA - 4000 K	2896	27 W	80	2.50
	146-0796	LED-12/24W / 700 mA - 2700 K	2522.3	27 W	80	2.50
wallwash 	146-0399+146-0645	LED-12/24W / 700 mA - 3000 K	2405.6	27 W	80	2.50
	146-0400+146-0645	LED-12/24W / 700 mA - 4000 K	2571.5	27 W	80	2.50
	146-0922+146-0645	LED-12/24W / 700 mA - 2700 K	2239.7	27 W	80	2.50

Optical Accessories

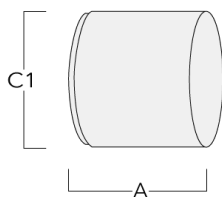
Glare shield

Description	Part ID	A	C1
Glare shield ES	146-0156	110	100



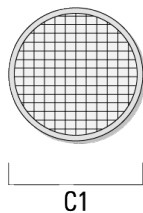
Snoot

Description	Part ID	A	C1
Snoot ET	146-0397	95,5	126

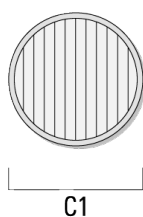


Flood lens

Description	Part ID	C1
IO-360	146-0623	110

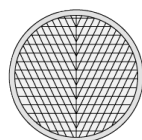
**Linear spread lens**

Description	Part ID	C1
IO-180-FLC131-LED	146-0418	110



Wallwash lens

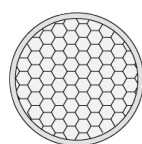
Description	Part ID	C1
IO-20-WW-FLC131-LED	146-0645	110



C1

Honeycomb louvre

Description	Part ID	C1
IW-FLC131-LED - [EE][EES]	146-0625	110

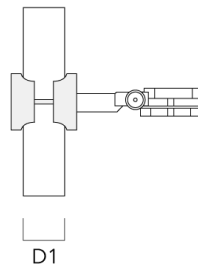


C1

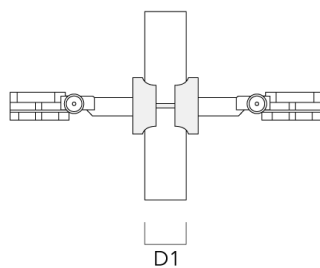
Mounting Accessories

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

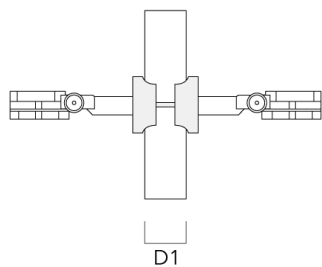


SP2-2/M8 Pole clamp, double (Ø 38-60)	146-0247	38-60	1	38-66
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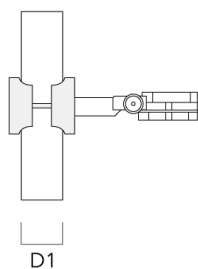


Projectors

Description	Part ID	D1	Weight (kg)	D
SP2-2/M8 Pole clamp, double (Ø 76-89)	146-0248	76-89	1.20	76-89

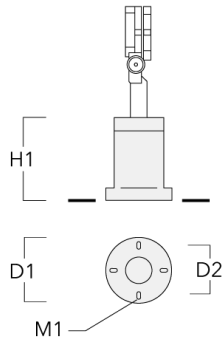


SP1-2/M8 Pole clamp, single (Ø 38-60)	146-0245	38-60	1	38-66
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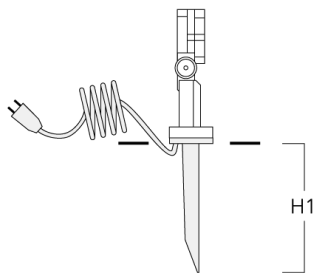
Short post EM

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



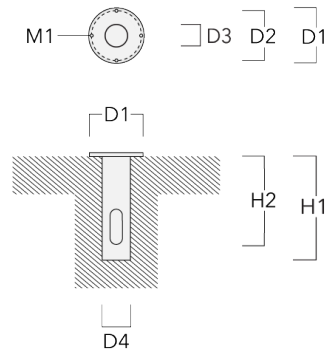
Ground spike EF

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



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



Junction box JB1

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

