

Description

IP66. Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection 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.

For 2200 K version up to max. 1050mA available on request

Projectors

Specifications**Material description**

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 Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.030 m ²

Electrical description

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

Additional information

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]



wallwash



linear spread, very narrow beam [EE]



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

Colour temperature



3000 K



4000 K

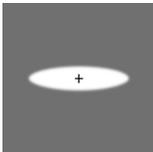
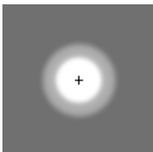
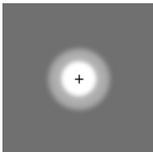


2700 K

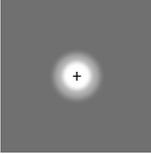
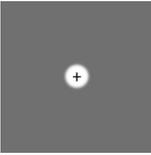
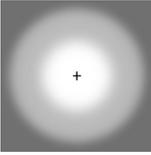
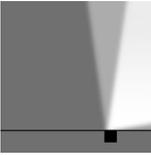
Nominal Watt

0 W

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, very narrow beam [EE] 	139-2005+139-2036	LED-6/12W / 700 mA - 3000 K	1487	14.5 W	80	4.30
	139-2006+139-2036	LED-6/12W / 700 mA - 4000 K	1589.5	14.5 W	80	4.30
	139-2015+139-2036	LED-6/18W / 1050 mA - 3000 K	2204.8	21 W	80	4.30
	139-2016+139-2036	LED-6/18W / 1050 mA - 4000 K	2307.4	21 W	80	4.30
	139-2030+139-2036	LED-6/26W / 1400 mA - 3000 K	2712.7	27 W	80	4.30
	139-2031+139-2036	LED-6/26W / 1400 mA - 4000 K	2836	27 W	80	4.30
linear spread, very narrow beam, sharp cut-off [EES] 	139-2007+139-2036	LED-6/12W / 700 mA - 3000 K	1203.4	14.5 W	80	4.30
	139-2008+139-2036	LED-6/12W / 700 mA - 4000 K	1349.3	14.5 W	80	4.30
	139-2017+139-2036	LED-6/18W / 1050 mA - 3000 K	1729.2	21 W	80	4.30
	139-2018+139-2036	LED-6/18W / 1050 mA - 4000 K	1938.8	21 W	80	4.30
	139-2032+139-2036	LED-6/26W / 1400 mA - 3000 K	2128.7	27 W	80	4.30
	139-2033+139-2036	LED-6/26W / 1400 mA - 4000 K	2384	27 W	80	4.30
symmetric, medium beam [M] 	139-2001	LED-6/12W / 700 mA - 3000 K	1533.6	14.5 W	80	4.30
	139-2002	LED-6/12W / 700 mA - 4000 K	1639.3	14.5 W	80	4.30
	139-2011	LED-6/18W / 1050 mA - 3000 K	2273.9	21 W	80	4.30
	139-2012	LED-6/18W / 1050 mA - 4000 K	2379.6	21 W	80	4.30
	139-2026	LED-6/26W / 1400 mA - 3000 K	2821.4	27 W	80	4.30
	139-2027	LED-6/26W / 1400 mA - 4000 K	2949.6	27 W	80	4.30
	139-2187	LED-6/26W / 1400 mA - 2700K	2667.5	27 W	80	4.30
	139-2244	LED-6/18W / 1050 mA - 2700 K	2168.1	21 W	80	4.30
	139-2247	LED-6/12W / 700 mA - 2700 K	1427.8	14.5 W	80	4.30
	symmetric, narrow beam [E] 	139-2003	LED-6/12W / 700 mA - 3000 K	1473.8	14.5 W	80
139-2004		LED-6/12W / 700 mA - 4000 K	1575.5	14.5 W	80	4.30
139-2013		LED-6/18W / 1050 mA - 3000 K	2185.4	21 W	80	4.30
139-2014		LED-6/18W / 1050 mA - 4000 K	2287	21 W	80	4.30
139-2028		LED-6/26W / 1400 mA - 3000 K	2711.6	27 W	80	4.30
139-2029		LED-6/26W / 1400 mA - 4000 K	2834.8	27 W	80	4.30
139-2224		LED-6/26W / 1400 mA - 2700K	2563.7	27 W	80	4.30
139-2245		LED-6/18W / 1050 mA - 2700 K	2083.7	21 W	80	4.30
139-2248		LED-6/12W / 700 mA - 2700 K	1372.2	14.5 W	80	4.30
symmetric, very narrow beam [EE]		139-2005	LED-6/12W / 700 mA - 3000 K	1559.6	14.5 W	80
	139-2006	LED-6/12W / 700 mA - 4000 K	1667.2	14.5 W	80	4.30
	139-2015	LED-6/18W / 1050 mA - 3000 K	2312.6	21 W	80	4.30
	139-2016	LED-6/18W / 1050 mA - 4000 K	2420.1	21 W	80	4.30

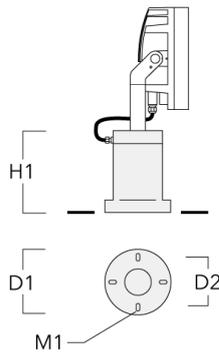
Projectors

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	139-2030	LED-6/26W / 1400 mA - 3000 K	2869.2	27 W	80	4.30
	139-2031	LED-6/26W / 1400 mA - 4000 K	2999.6	27 W	80	4.30
	139-2261	LED-6/12W / 700 mA - 2700 K	1452.1	14.5 W	80	4.30
	139-2269	LED-6/18W / 1050 mA - 2700 K	2205	21 W	80	4.30
	139-2276	LED-6/26W / 1400 mA - 2700K	2712.7	27 W	80	4.30
symmetric, very narrow beam, sharp cut-off [EES] 	139-2007	LED-6/12W / 700 mA - 3000 K	1234.8	14.5 W	80	4.30
	139-2008	LED-6/12W / 700 mA - 4000 K	1384.4	14.5 W	80	4.30
	139-2017	LED-6/18W / 1050 mA - 3000 K	1774.2	21 W	80	4.30
	139-2018	LED-6/18W / 1050 mA - 4000 K	1989.3	21 W	80	4.30
	139-2032	LED-6/26W / 1400 mA - 3000 K	2203.5	27 W	80	4.30
	139-2033	LED-6/26W / 1400 mA - 4000 K	2467.7	27 W	80	4.30
	139-2262	LED-6/12W / 700 mA - 2700 K	1160.4	14.5 W	80	4.30
	139-2270	LED-6/18W / 1050 mA - 2700 K	1666.7	21 W	80	4.30
	139-2277	LED-6/26W / 1400 mA - 2700 K	2067.9	27 W	80	4.30
symmetric, wide beam [B] 	139-1999	LED-6/12W / 700 mA - 3000 K	1492	14.5 W	80	4.30
	139-2000	LED-6/12W / 700 mA - 4000 K	1594.9	14.5 W	80	4.30
	139-2009	LED-6/18W / 1050 mA - 3000 K	2212.3	21 W	80	4.30
	139-2010	LED-6/18W / 1050 mA - 4000 K	2315.2	21 W	80	4.30
	139-2024	LED-6/26W / 1400 mA - 3000 K	2744.9	27 W	80	4.30
	139-2025	LED-6/26W / 1400 mA - 4000 K	2869.7	27 W	80	4.30
	139-2186	LED-6/26W / 1400 mA - 2700K	2675.4	27 W	80	4.30
	139-2243	LED-6/18W / 1050 mA - 2700 K	2109.4	21 W	80	4.30
	139-2246	LED-6/12W / 700 mA - 2700 K	1389.1	14.5 W	80	4.30
	wallwash 	139-2001+139-2035-AP	LED-6/12W / 700 mA - 3000 K	1285.2	14.5 W	80
139-2002+139-2035-AP		LED-6/12W / 700 mA - 4000 K	1373.8	14.5 W	80	4.30
139-2011+139-2035-AP		LED-6/18W / 1050 mA - 3000 K	1905.6	21 W	80	4.30
139-2012+139-2035-AP		LED-6/18W / 1050 mA - 4000 K	1994.3	21 W	80	4.30
139-2026+139-2035-AP		LED-6/26W / 1400 mA - 3000 K	2364.4	27 W	80	4.30
139-2027+139-2035-AP		LED-6/26W / 1400 mA - 4000 K	2471.8	27 W	80	4.30

Mounting Accessories

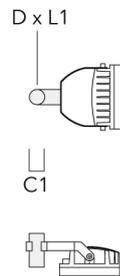
Short post

Description	Part ID	D1	D2	H1	M1	Weight (kg)
Short post EM1-M16	270-9038	160	130	203	9	2.10



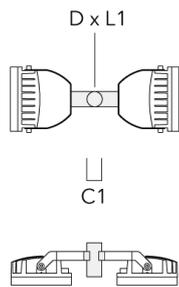
Floodlight mounting bracket TA

Description	Part ID	A	C1	D × L1	Weight (kg)	D × S
TA1 Mounting bracket, single (Ø 108 x 200)	147-0096		130	108 x 200	7.50	108 x 200

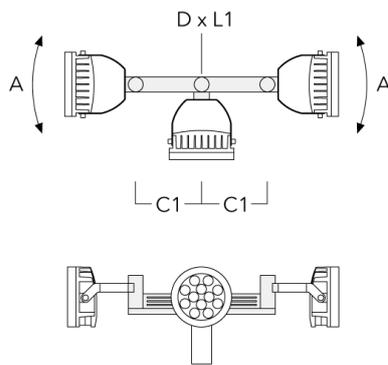


Projectors

Description	Part ID	A	C1	D × L1	Weight (kg)	D × S
TA2 Mounting bracket, double (Ø 108 x 200)	147-0097		130	108 x 200	7.50	108 x 200

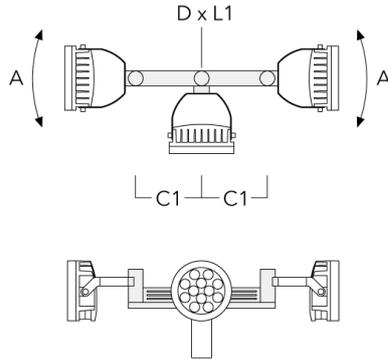


TA3 Mounting bracket, triple (Ø 89 x 200)	147-0025	±90°	650	89 x 200	17.90	89 x 200
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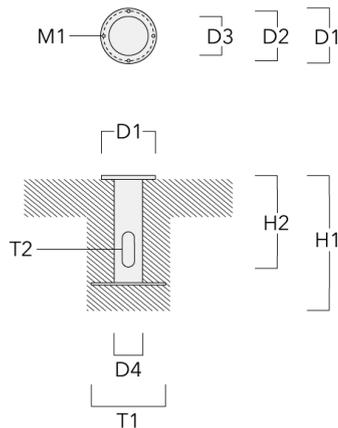
Projectors

Description	Part ID	A	C1	D × L1	Weight (kg)	D × S
TA3 Mounting bracket, triple (Ø 108 x 200)	147-0098	±90°	650	108 x 200	24.20	108 x 200



Planted root

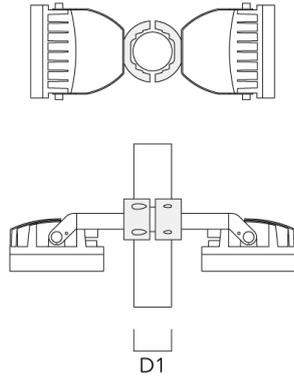
Description	Part ID	D1	D2	D3	D4	H1	H2	M1	T1	T2	Weight (kg)
Planted root ESV4	300-0461-AP	150	130	60	89	400	350	8	200	50 x 100	3.85



Projectors

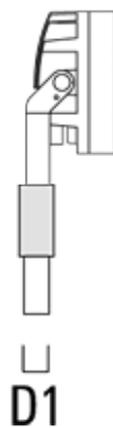
Pole clamp

Description	Part ID	D1	Weight (kg)	D
TS2-2/M12 Pole clamp, double (Ø 102-114)	147-0527	102-114	1.50	102-114



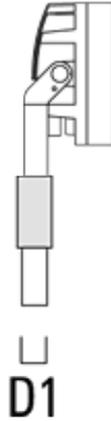
Spigot cap

Description	Part ID	D1	Weight (kg)
Spigot Cap KF1-M16 (ø 60 x 100)	310-9120	60 x 100	1.40



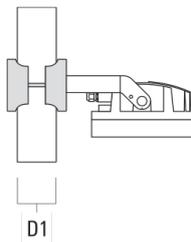
Projectors

Description	Part ID	D1	Weight (kg)
Spigot Cap KF1-M16 (ø 76 x 100)	310-9121	76 x 100	2.2



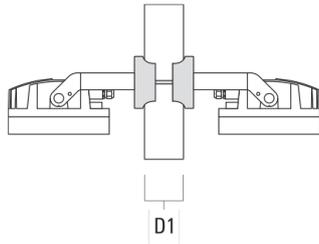
Pole clamp SP - Tilttable

Description	Part ID	D1	Weight (kg)	D
Pole clamp SP1-M16, single (ø 76-89)	146-0242	76-89	1.30	76-89

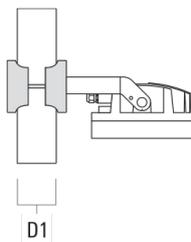


Projectors

Description	Part ID	D1	Weight (kg)	D
Pole clamp SP2-M16, double (Ø 76-89)	146-0244	76-89	1.50	



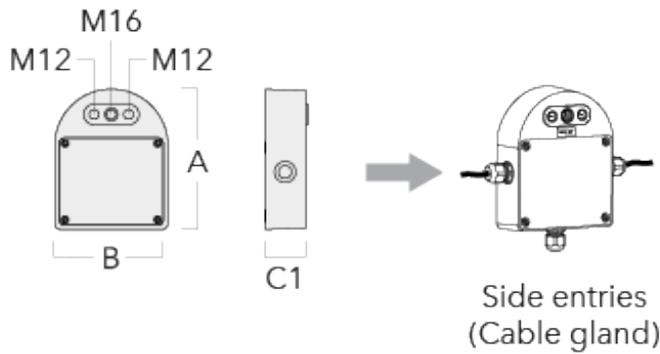
Pole clamp SP1-M16, single (Ø 38-60)	146-0241	38-60	1.30	
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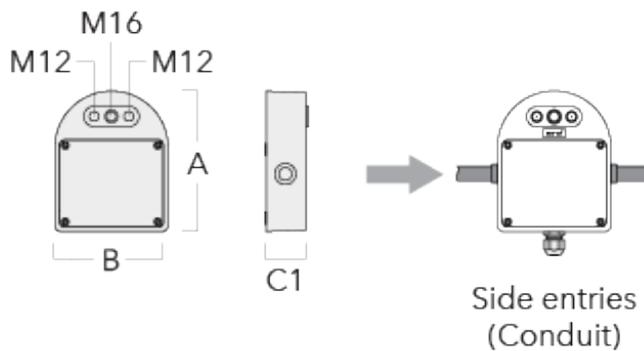
Pole clamp SP2-M16, double (Ø 38-60)	146-0243	38-60	1.50	
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Junction box

Description	Part ID	Additional information	A	B	C1	Weight (kg)
Junction box JB20 - Cable side entries	310-9013	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with cable glands.	180	143	51	1.02

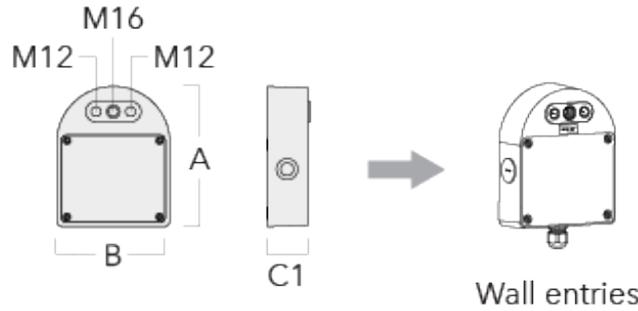


Junction box JB20 - Conduit side entries	310-9014	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For side entries and suitable to be used with conduits.	180	143	51	1.02
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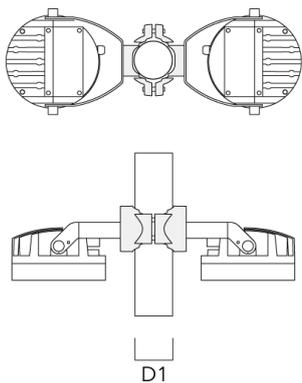
Projectors

Description	Part ID	Additional information	A	B	C1	Weight (kg)
Junction box JB20 - Wall entries	310-9018	Junction boxes are made from marine-grade, die-cast aluminium alloy. IK10. IP66. For wall entries.	180	143	51	1.02



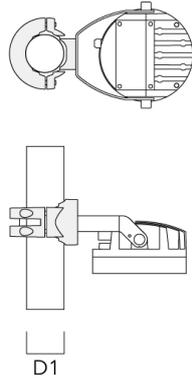
Pole clamp PC - Rotatable

Description	Part ID	D1	Weight (kg)
PC2 76-89/60 Pole clamp, double (Ø 76-89)	139-2703	76-89	1.00

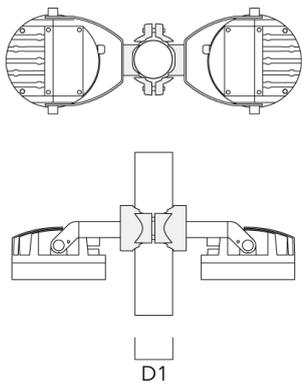


Projectors

Description	Part ID	D1	Weight (kg)
PC1 76-89/60 Pole clamp, single (Ø 76-89)	139-2702	76-89	1.00

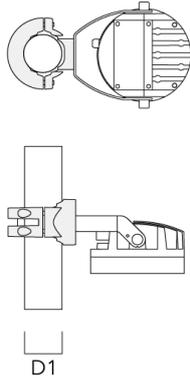


PC2 102-114/60 Pole clamp, double (Ø 102-114)	139-2707	102-114	1.20
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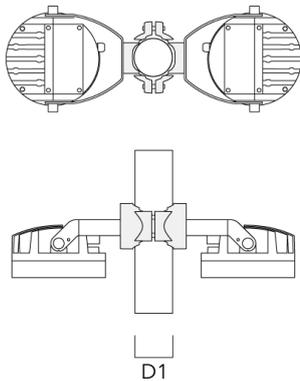


Projectors

Description	Part ID	D1	Weight (kg)
PC1 102-114/60 Pole clamp, single (Ø 102-114)	139-2706	102-114	1.20

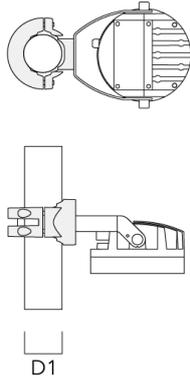


PC2 114-133/60 Pole clamp, double (Ø 114-133)	139-2709	114-133	1.40
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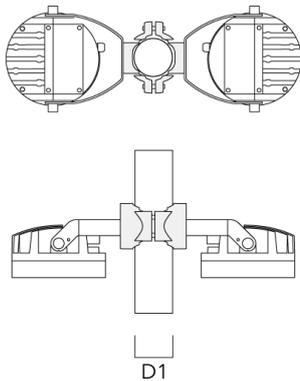


Projectors

Description	Part ID	D1	Weight (kg)
PC1 114-133/60 Pole clamp, single (Ø 114-133)	139-2708	114-133	1.40

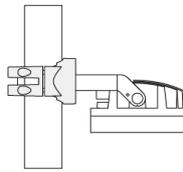
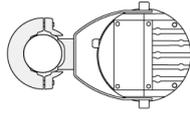


PC2 82-109/60 Pole camp, double (Ø 82-109)	139-2705	82-109	1.10
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Projectors

Description	Part ID	D1	Weight (kg)
PC1 82-109/60 Pole camp, single (Ø 82-109)	139-2704	82-109	1.10



D1

Control

1-10 V analogue dimming interface

Description	Part ID	C
1-10 V analogue dimming interface	430-0011	90

R2C Ready to Connect

Description	Part ID
R2C Ready to Connect (top)	430-0019

DALI interface

Description	Part ID	Additional information
DALI interface	430-0013	DALI variant. The luminaire is equipped with a DT6 Dali driver (Dali 2.0).

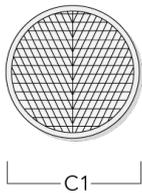
Dali 2.0
 -Application controllers and Input devices defined
 -Single-masters and multi-masters allowed
 -Event priorities defined
 -Separate addressing & grouping from control gear

Note: Mixing Dali 1 and Dali 2.0 drivers can cause problems because the addressing and the command scope has changed!

Optical Accessories

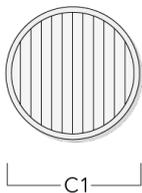
Wallwash lens

Description	Part ID	C1
Wallwash lens IO-20	139-2035-AP	146



Linear spread lens

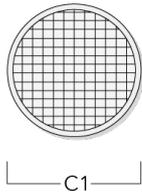
Description	Part ID	C1
Linear spread lens IO-180	139-2036	146



Projectors

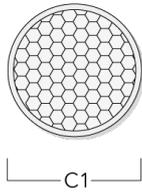
Flood lens

Description	Part ID	C1
Flood lens IO-360	139-2037	146



Honeycomb louvre

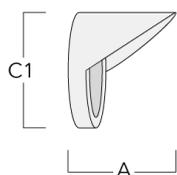
Description	Part ID	C1
Honeycomb louvre IW	139-2034	138



Projectors

Glare shield

Description	Part ID	A	C1
Glare shield ES	139-1986	125	190



Snoot

Description	Part ID	A	C1
Snoot ET	139-1987	125	190

