






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. One cable gland. Second gland for through wiring on request. Integral EC electronic converter, thermally separated. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. 1-10V, DALI Interface or Eco Step Dim® on request. Maximum one internal optical accessory possible.

Optional 2200 K version up to max. 1050mA available, except version [EES]. 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 rubber gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.090 m ²

Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Standard. Optional DALI version available. To be specified at time of ordering.
Power factor	> 0.9
Surge protection	6/6 kV (optional SP10)

Additional information

Lifetime	Ta=25° L90B10 > 90000h
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Options

Light distribution



symmetric, medium beam [M]



symmetric, narrow beam [E]



symmetric, very narrow beam [EE]



symmetric, wide beam [B]



linear spread, very narrow beam [EE]



wallwash



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

Colour temperature



3000 K



4000 K



2700 K

Nominal Watt

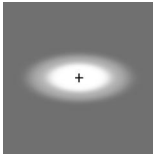



0 W

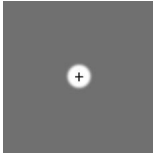
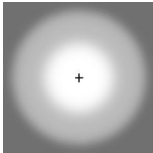

72 W

96 W

127 W

Configurations

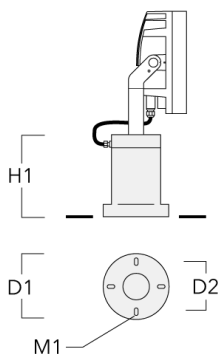
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, very narrow beam [EE] 	139-1816+139-1855	LED-24/48W / 700 mA - 3000 K	5947.8	54 W	80	12.60
	139-1817+139-1855	LED-24/48W / 700 mA - 4000 K	6358	54 W	80	12.60
	139-1822+139-1855	LED-24/72W / 1050 mA - 3000 K	8819.2	81 W	80	12.60
	139-1823+139-1855	LED-24/72W / 1050 mA - 4000 K	9229.4	81 W	80	12.60
	139-1828+139-1855	LED-24/104W / 1400 mA - 3000 K	10850.7	112 W	80	12.60
	139-1829+139-1855	LED-24/104W / 1400 mA - 4000 K	11343.9	112 W	80	12.60
	139-2265+139-1855	LED-24/48W / 700 mA - 2700 K	5537.7	54 W	80	12.60
	139-2272+139-1855	LED-24/72W / 1050 mA - 2700 K	8409	81 W	80	12.60
139-2278+139-1855	LED-24/104W / 1400 mA - 2700 K	10258.8	112 W	80	12.60	
symmetric, medium beam [M] 	139-1812	LED-24/48W / 700 mA - 3000 K	6304.7	54 W	80	12.60
	139-1813	LED-24/48W / 700 mA - 4000 K	6739.5	54 W	80	12.60
	139-1818	LED-24/72W / 1050 mA - 3000 K	9348.3	81 W	80	12.60
	139-1819	LED-24/72W / 1050 mA - 4000 K	9783.1	81 W	80	12.60
	139-1824	LED-24/104W / 1400 mA - 3000 K	11497.6	112 W	80	12.60
	139-1825	LED-24/104W / 1400 mA - 4000 K	12020.2	112 W	80	12.60
	139-2152	LED-24/72W / 1050 mA - 2700 K	8913.5	81 W	80	12.60
	139-2228	LED-24/104W / 1400 mA - 2700 K	10870.4	112 W	80	12.60
	139-2252	LED-24/48W / 700 mA - 2700 K	5869.9	54 W	80	12.60
symmetric, narrow beam [E] 	139-1814	LED-24/48W / 700 mA - 3000 K	5931	54 W	80	12.60
	139-1815	LED-24/48W / 700 mA - 4000 K	6340.1	54 W	80	12.60
	139-1820	LED-24/72W / 1050 mA - 3000 K	8794.3	81 W	80	12.60
	139-1821	LED-24/72W / 1050 mA - 4000 K	9203.3	81 W	80	12.60
	139-1826	LED-24/104W / 1400 mA - 3000 K	10824.4	112 W	80	12.60
	139-1827	LED-24/104W / 1400 mA - 4000 K	11316.5	112 W	80	12.60
	139-2229	LED-24/104W / 1400 mA - 2700 K	10234	112 W	80	12.60
	139-2250	LED-24/72W / 1050 mA - 2700 K	8385.2	81 W	80	12.60
	139-2253	LED-24/48W / 700 mA - 2700 K	5522	54 W	80	12.60
symmetric, very narrow beam [EE] 	139-1816	LED-24/48W / 700 mA - 3000 K	6241	54 W	80	12.60
	139-1817	LED-24/48W / 700 mA - 4000 K	6671.5	54 W	80	12.60
	139-1822	LED-24/72W / 1050 mA - 3000 K	9254	81 W	80	12.60
	139-1823	LED-24/72W / 1050 mA - 4000 K	9684.4	81 W	80	12.60
	139-1828	LED-24/104W / 1400 mA - 3000 K	11600.1	112 W	80	12.60
	139-1829	LED-24/104W / 1400 mA - 4000 K	12127.4	112 W	80	12.60
	139-2265	LED-24/48W / 700 mA - 2700 K	5810.6	54 W	80	12.60
	139-2272	LED-24/72W / 1050 mA - 2700 K	8823.6	81 W	80	12.60

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
symmetric, very narrow beam, sharp cut-off [EES] 	139-2278	LED-24/104W / 1400 mA - 2700 K	10967.4	112 W	80	12.60
	139-3137	LED-48/72W / 500 mA - 2700 K	6498.9	77 W	80	12.60
	139-3138	LED-48/72W / 500 mA - 3000 K	6947.1	77 W	80	12.60
	139-3139	LED-48/72W / 500 mA - 4000 K	6947.1	77 W	80	12.60
	139-3141	LED-48/96W / 700 mA - 2700 K	8515.8	105.5 W	80	12.60
	139-3142	LED-48/96W / 700 mA - 3000 K	9188.2	105.5 W	80	12.60
	139-3143	LED-48/96W / 700 mA - 4000 K	9188.2	105.5 W	80	12.60
	139-3145	LED-48/127W / 900 mA - 2700 K	10308.7	139 W	80	12.60
	139-3146	LED-48/127W / 900 mA - 3000 K	10981	139 W	80	12.60
	139-3147	LED-48/127W / 900 mA - 4000 K	10981	139 W	80	12.60
symmetric, wide beam [B] 	139-1921	LED-24/48W / 700 mA - 3000 K	5981.4	54 W	80	12.60
	139-1922	LED-24/48W / 700 mA - 4000 K	6393.9	54 W	80	12.60
	139-1923	LED-24/72W / 1050 mA - 3000 K	8869	81 W	80	12.60
	139-1924	LED-24/72W / 1050 mA - 4000 K	9281.5	81 W	80	12.60
	139-1925	LED-24/104W / 1400 mA - 3000 K	10960.8	112 W	80	12.60
	139-1926	LED-24/104W / 1400 mA - 4000 K	11459	112 W	80	12.60
	139-2227	LED-24/104W / 1400 mA - 2700 K	10362.9	112 W	80	12.60
	139-2249	LED-24/72W / 1050 mA - 2700 K	8456.5	81 W	80	12.60
	139-2251	LED-24/48W / 700 mA - 2700 K	5568.9	54 W	80	12.60
	wallwash 	139-1812+139-1854	LED-24/48W / 700 mA - 3000 K	5235.8	54 W	80
139-1813+139-1854		LED-24/48W / 700 mA - 4000 K	5596.9	54 W	80	12.60
139-1818+139-1854		LED-24/72W / 1050 mA - 3000 K	7763.5	81 W	80	12.60
139-1819+139-1854		LED-24/72W / 1050 mA - 4000 K	8124.5	81 W	80	12.60
139-1824+139-1854		LED-24/104W / 1400 mA - 3000 K	9548.2	112 W	80	12.60
139-1825+139-1854		LED-24/104W / 1400 mA - 4000 K	9982.2	112 W	80	12.60
139-2152+139-1854		LED-24/72W / 1050 mA - 2700 K	7402.4	81 W	80	12.60
139-2228+139-1854		LED-24/104W / 1400 mA - 2700 K	9027.4	112 W	80	12.60
139-2252+139-1854		LED-24/48W / 700 mA - 2700 K	4874.7	54 W	80	12.60

Mounting Accessories

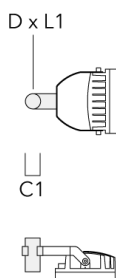
Short post EM

Description	Part ID	D1	D2	H1	M1	Weight (kg)
EM1-M16 AL	270-9038	160	130	203	9	2



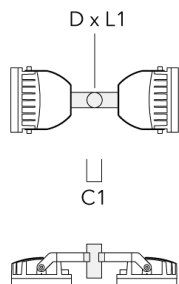
Floodlight mounting bracket TA

Description	Part ID	A	C1	D x L1	Weight (kg)	D x S
TA1 Mounting bracket, single* (Ø 76 x 200)	147-0023		130	76 x 200	1.90	76 x 200

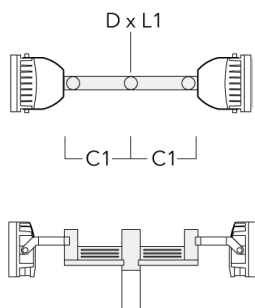


Projectors

Description	Part ID	A	C1	D x L1	Weight (kg)	D x S
TA2 Mounting bracket, double* (Ø 76 x 200)	147-0024		130	76 x 200	1.90	76 x 200

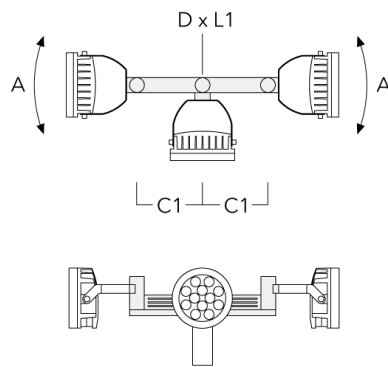


TA2-L Mounting bracket, double (Ø 76 x 200)	147-0105	±90°	420	76 x 200	16.10	76 x 200
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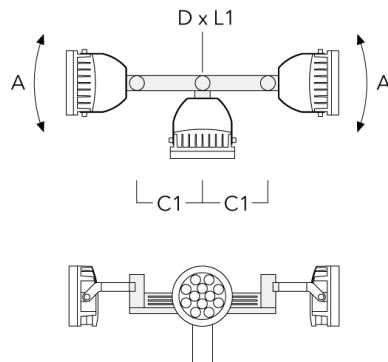


Projectors

Description	Part ID	A	C1	D × L1	Weight (kg)	D × S
TA3 Mounting bracket, triple (Ø 89 x 200)	147-0025	±90°	650	89 x 200	17.90	89 x 200

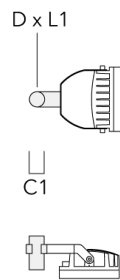


TA4 Mounting bracket, quad (Ø 89 x 200)	147-0099	±90°	650	89 x 200	20.80	89 x 200
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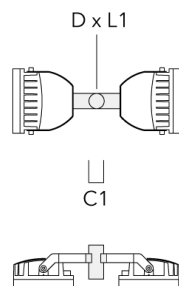


Projectors

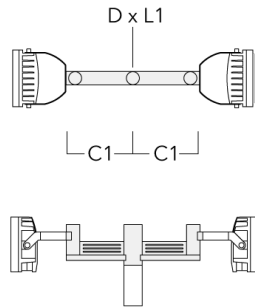
Description	Part ID	A	C1	D × L1	Weight (kg)	D × S
TA1 Mounting bracket, single (Ø 108 x 200)	147-0096		130	108 x 200	7.50	108 x 200



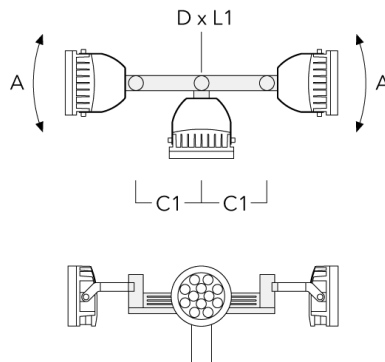
TA2 Mounting bracket, double (Ø 108 x 200)	147-0097		130	108 x 200	7.50	108 x 200
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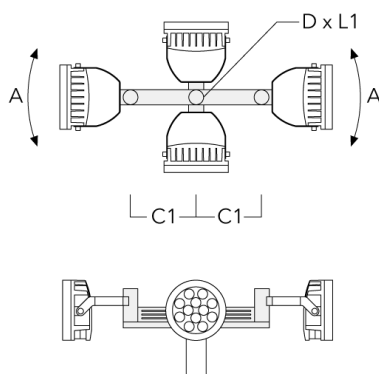
Description	Part ID	A	C1	D x L1	Weight (kg)	D x S
TA2-L Mounting bracket, double (Ø 108 x 200)	147-0148	±90°	420	108 x 200	20.20	108 x 200



TA3 Mounting bracket, triple (Ø 108 x 200)	147-0098	±90°	650	108 x 200	24.20	108 x 200
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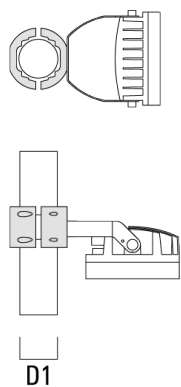


Description	Part ID	A	C1	D × L1	Weight (kg)	D × S
TA4 Mounting bracket, quad (Ø 108 x 200)	147-0100	±90°	650	108 x 200	24.20	108 x 200



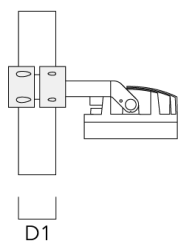
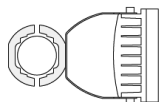
Pole clamp TS

Description	Part ID	D1	Weight (kg)	D
TS1-2/M12 Pole clamp, single (Ø 76-89)	147-0543	76-89	1.40	76-89

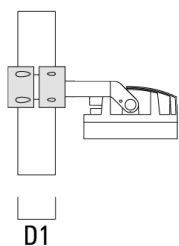
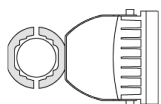


Projectors

Description	Part ID	D1	Weight (kg)	D
TS1-2/M12 Pole clamp, single (Ø 102-114)	147-0526	102-114	1.50	102-114

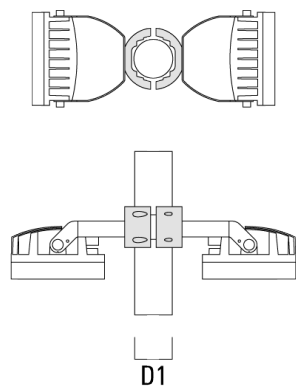


TS1-2/M12 Pole clamp, single (Ø 114-133)	147-0544	114-133	1.70	114-133
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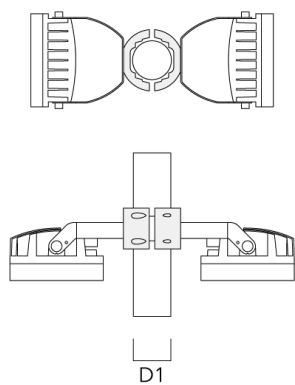


Projectors

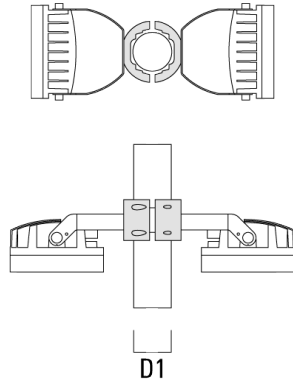
Description	Part ID	D1	Weight (kg)	D
TS2-2/M12 Pole clamp, double (Ø 76-89)	147-0545	76-89	1.40	76-89



TS2-2/M12 Pole clamp, double (Ø 102-114)	147-0527	102-114	1.50	102-114
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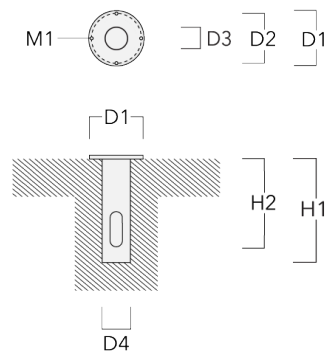


Description	Part ID	D1	Weight (kg)	D
TS2-2/M12 Pole clamp, double (Ø 114-133)	147-0546	114-133	1.60	114-133



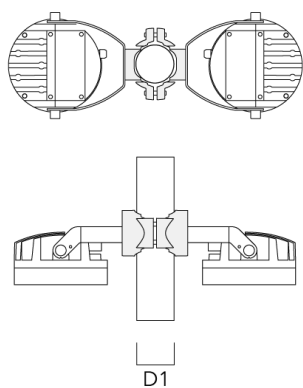
Planted root

Description	Part ID	D1	D2	D3	D4	H1	H2	M1	Weight (kg)
Planted root ESV4	300-0461	145	130	102	108	400	350	8	7.05

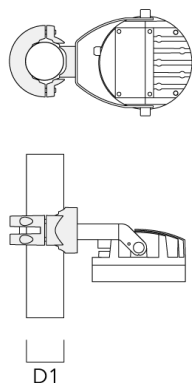


Pole clamp PC

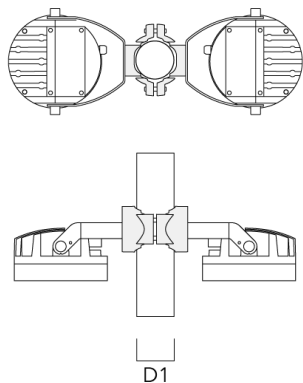
Description	Part ID	D1	Weight (kg)
PC2 76-89/60 Pole clamp, double (Ø 76-89)	139-2703	76-89	1.00



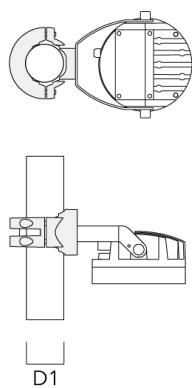
PC1 76-89/60 Pole clamp, single (Ø 76-89)	139-2702	76-89	1.00
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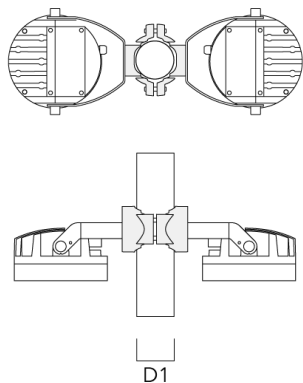
Description	Part ID	D1	Weight (kg)
PC2 102-114/60 Pole clamp, double (Ø 102-114)	139-2707	102-114	1.20



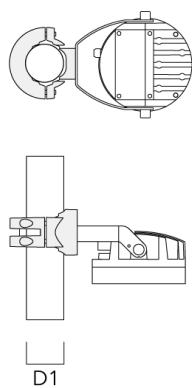
PC1 102-114/60 Pole clamp, single (Ø 102-114)	139-2706	102-114	1.20
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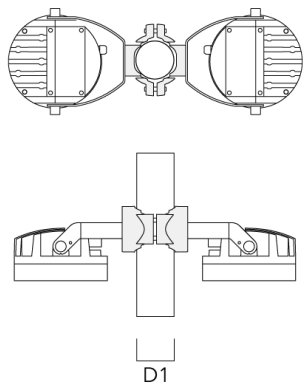
Description	Part ID	D1	Weight (kg)
PC2 114-133/60 Pole clamp, double (Ø 114-133)	139-2709	114-133	1.40



PC1 114-133/60 Pole clamp, single (Ø 114-133)	139-2708	114-133	1.40
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Description	Part ID	D1	Weight (kg)
PC2 82-109/60 Pole camp, double (Ø 82-109)	139-2705	82-109	1.10



Control**Eco Step Dim® Basic**

Description	Part ID
Eco Step Dim® Basic LED	430-0001

Eco Step Dim® Advanced

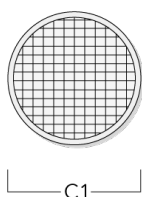
Description	Part ID
Eco Step Dim® Advanced LED	430-0002

R2C Ready to Connect

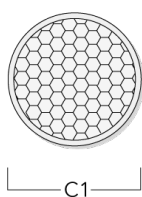
Description	Part ID
R2C Ready to Connect (top)	430-0019

Optical Accessories**Flood lens**

Description	Part ID	C1
IO-360-FLC240-LED	139-1856	289

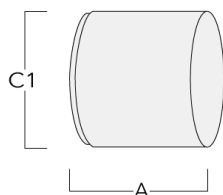
**Honeycomb louvre**

Description	Part ID	C1
Honeycomb Louvre IW	139-1857	279



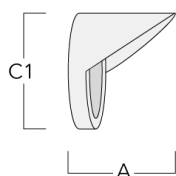
Snoot

Description	Part ID	A	C1
ET-FLC240-LED	139-1859	200	346



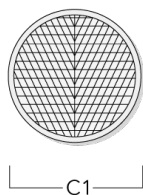
Glare shield

Description	Part ID	A	C1
ES-FLC240-LED	139-1858	200	346



Wallwash lens

Description	Part ID	Additional information	C1
IO-20-FLC240-LED	139-1854	for symmetric [M] medium beam luminaire only	289

**Linear spread lens**

Description	Part ID	C1
Linear spread lens IO-180	139-1855	289

