




Description

IP66, Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection + primer including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. Two cable glands for improved wiring flexibility. 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_R_ on request. Maximum one internal optical accessory possible. Optional 2200 K version 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
Gasket	Silicone rubber gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware (unpainted)
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE+Primer
Windage	0.090 m ²

Electrical description

Power supply	230V / 50 Hz
Driver / Ballast	Integral EC electronic convertor in thermally-separated compartment
Power factor	> 0.9
Surge protection	6/6 kV (optional SP10)

Additional information

Lifetime	Ta=40° L90B10 > 90000h
Warranty	The product is supplied with 10-year warranty. Please refer to the LED Warranty Statement located on www.we-ef.com for further details.

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

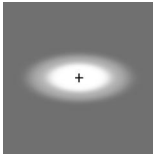



0 W

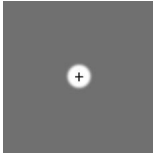
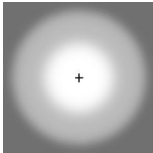

72 W

96 W

127 W

Configurations

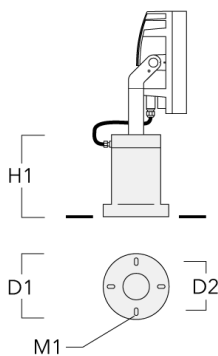
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, very narrow beam [EE] 	139-1816+139-1855	LED-24/48W / 700 mA - 3000 K	5947.8	54 W	80	12.60
	139-1817+139-1855	LED-24/48W / 700 mA - 4000 K	6358	54 W	80	12.60
	139-1822+139-1855	LED-24/72W / 1050 mA - 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
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
	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

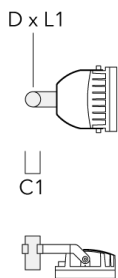
Short post EM

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



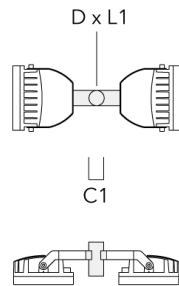
Floodlight mounting bracket TA

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

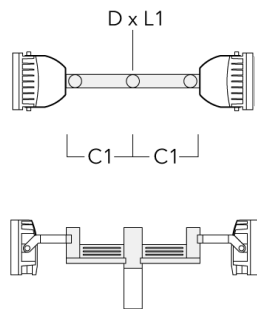


Projectors

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

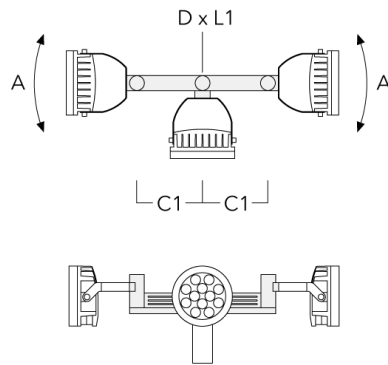


TA2-L Mounting bracket, double (Ø 76 x 200)	147-0105	±90°	420	76 x 200	16.10	76 x 200
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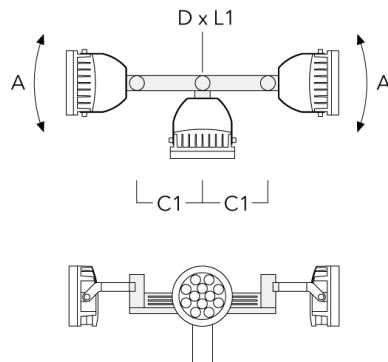


Projectors

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

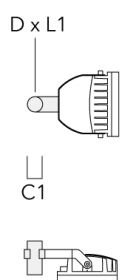


TA4 Mounting bracket, quad (Ø 89 x 200)	147-0099	±90°	650	89 x 200	20.80	89 x 200
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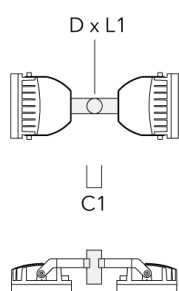


Projectors

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

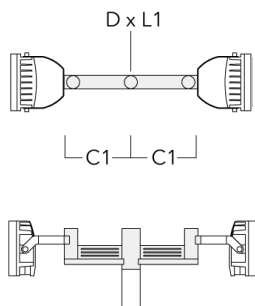


TA2 Mounting bracket, double (Ø 108 x 200)	147-0097		130	108 x 200	7.50	108 x 200
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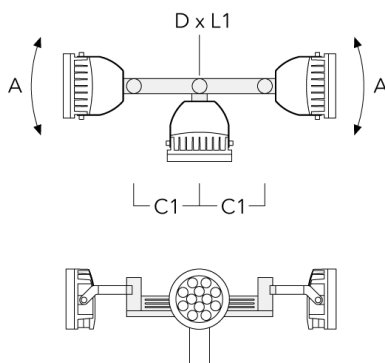


Projectors

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

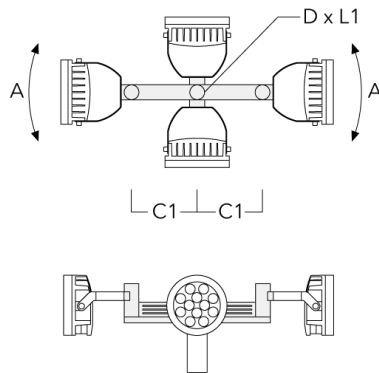


TA3 Mounting bracket, triple (Ø 108 x 200)	147-0098	±90°	650	108 x 200	24.20	108 x 200
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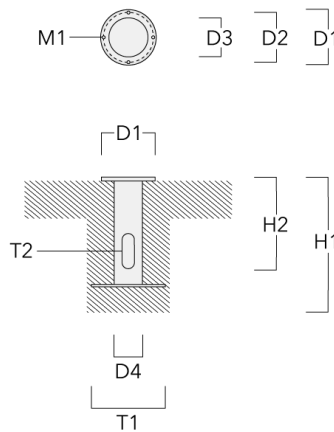
Projectors

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



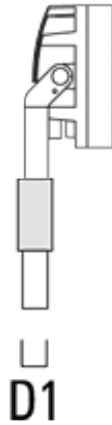
Planted root

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

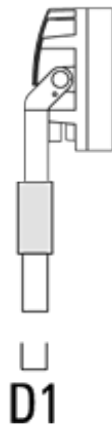


Spigot cap KF

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

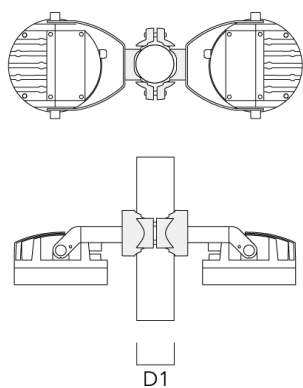


KF1-M16 Spigot Cap (ø 76 x 100)	310-9121	76 x 100	2.2
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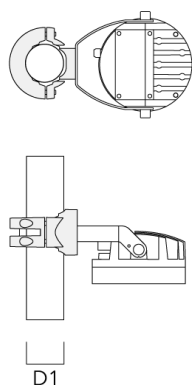


Pole clamp PC - Rotatable

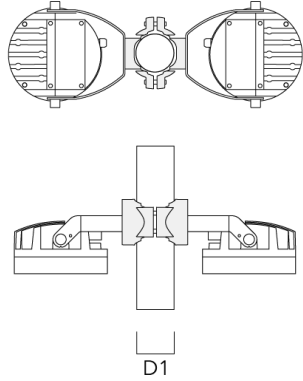
Description	Part ID	D1	Weight (kg)
PC2 76-89/60 Pole clamp, double (Ø 76-89)	139-2703	76-89	1.00



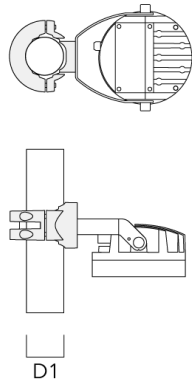
PC1 76-89/60 Pole clamp, single (Ø 76-89)	139-2702	76-89	1.00
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Description	Part ID	D1	Weight (kg)
PC2 102-114/60 Pole clamp, double (Ø 102-114)	139-2707	102-114	1.20



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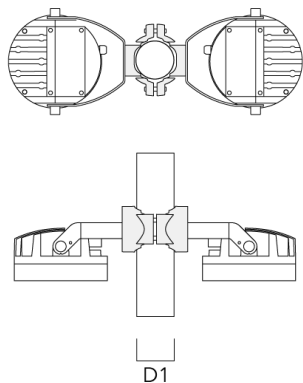
Description	Part ID	D1	Weight (kg)
PC2 114-133/60 Pole clamp, double (Ø 114-133)	139-2709	114-133	1.40



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

1-10 V analogue dimming interface

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

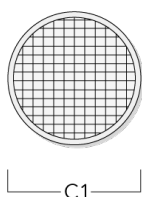
R2C Ready to Connect

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

Optical Accessories

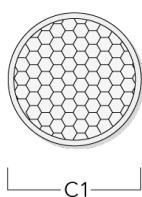
Surface wash lens

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



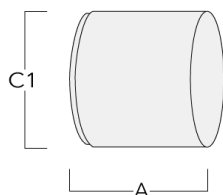
Honeycomb louvre

Description	Part ID	C1
Honeycomb Louvre IW	139-1857	279



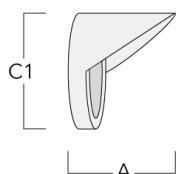
Snoot

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



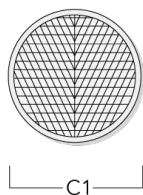
Glare shield

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

