






Description

IP66, Class I. 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 available. To be specified at time of ordering.

Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	<div style="display: flex; flex-direction: column; gap: 5px;"> <div> RAL9004 Signal black</div> <div> RAL9006 White aluminium</div> <div> RAL9007 Grey aluminium</div> <div> RAL7016 Anthracite grey</div> <div> RAL9016 Traffic white</div> </div>
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	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
Energy efficiency class	C-D (Light source)

FLC220 LED

Projectors

we-ef

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

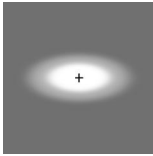
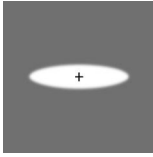
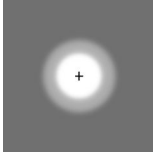



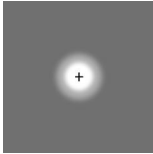
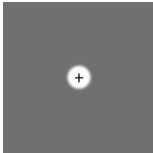
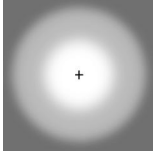

2700 K

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	29 W	80	4.30
	139-2031+139-2036	LED-6/26W / 1400 mA - 4000 K	2836	29 W	80	4.30
	139-2261+139-2036	LED-6/12W / 700 mA - 2700 K	1384.4	14.5 W	80	4.30
	139-2269+139-2036	LED-6/18W / 1050 mA - 2700 K	2102.3	21 W	80	4.30
	139-2276+139-2036	LED-6/26W / 1400 mA - 2700K	2564.7	29 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	29 W	80	4.30
	139-2033+139-2036	LED-6/26W / 1400 mA - 4000 K	2384	29 W	80	4.30
	139-2262+139-2036	LED-6/12W / 700 mA - 2700 K	1131	14.5 W	80	4.30
	139-2270+139-2036	LED-6/18W / 1050 mA - 2700 K	1624.4	21 W	80	4.30
	139-2277+139-2036	LED-6/26W / 1400 mA - 2700 K	1997.7	29 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	29 W	80	4.30
	139-2027	LED-6/26W / 1400 mA - 4000 K	2949.6	29 W	80	4.30
	139-2187	LED-6/26W / 1400 mA - 2700K	2667.5	29 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	29 W	80	4.30
139-2029		LED-6/26W / 1400 mA - 4000 K	2834.8	29 W	80	4.30
139-2224		LED-6/26W / 1400 mA - 2700K	2563.7	29 W	80	4.30
139-2245		LED-6/18W / 1050 mA - 2700 K	2083.7	21 W	80	4.30

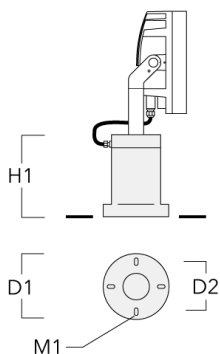
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
symmetric, very narrow beam [EE] 	139-2248	LED-6/12W / 700 mA - 2700 K	1372.2	14.5 W	80	4.30
	139-2005	LED-6/12W / 700 mA - 3000 K	1559.6	14.5 W	80	4.30
	139-2006	LED-6/12W / 700 mA - 4000 K	1667.2	14.5 W	80	4.30
	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
	139-2030	LED-6/26W / 1400 mA - 3000 K	2869.2	29 W	80	4.30
	139-2031	LED-6/26W / 1400 mA - 4000 K	2999.6	29 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	29 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	29 W	80	4.30
	139-2033	LED-6/26W / 1400 mA - 4000 K	2467.7	29 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	29 W	80	4.30
	symmetric, wide beam [B] 	139-1999	LED-6/12W / 700 mA - 3000 K	1492	14.5 W	80
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	29 W	80	4.30
139-2025		LED-6/26W / 1400 mA - 4000 K	2869.7	29 W	80	4.30
139-2186		LED-6/26W / 1400 mA - 2700K	2675.4	29 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	29 W	80	4.30
	139-2027+139-2035-AP	LED-6/26W / 1400 mA - 4000 K	2471.8	29 W	80	4.30
	139-2187+139-2035-AP	LED-6/26W / 1400 mA - 2700K	2235.4	29 W	80	4.30
	139-2244+139-2035-AP	LED-6/18W / 1050 mA - 2700 K	1817	21 W	80	4.30

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	139-2247+139-2035-AP	LED-6/12W / 700 mA - 2700 K	1196.6	14.5 W	80	4.30

Mounting Accessories

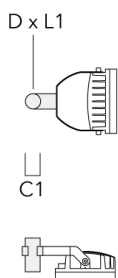
Short post EM

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



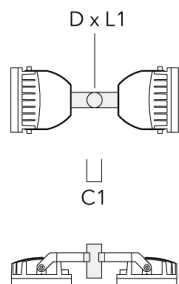
Floodlight mounting bracket TA

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

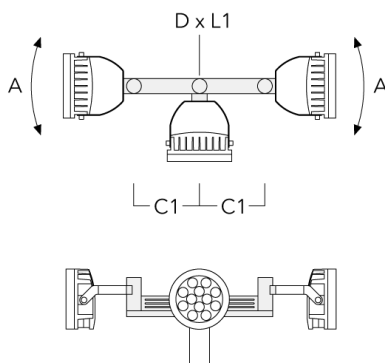


Projectors

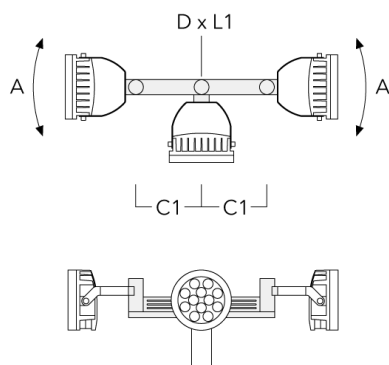
Description	Part ID	A	C1	D x L1	Weight (kg)	D x S
TA2 Mounting bracket, double (Ø 108 x 200)	147-0097		130	108 x 200	7.50	108 x 200



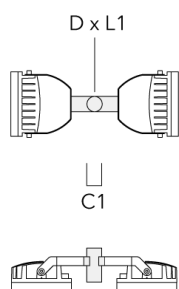
TA3 Mounting bracket, triple (Ø 89 x 200)	147-0025	±90°	650	89 x 200	17.90	89 x 200
---	----------	------	-----	----------	-------	----------



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

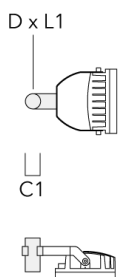


TA2 Mounting bracket, double* (Ø 76 x 200)	147-0024		130	76 x 200	1.90	76 x 200
--	----------	--	-----	----------	------	----------



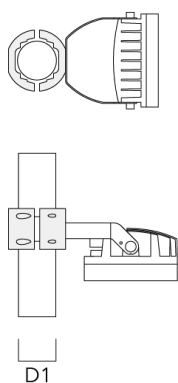
Projectors

Description	Part ID	A	C1	D × L1	Weight (kg)	D × S
TA1 Mounting bracket, single* (Ø 76 x 200)	147-0023		130	76 x 200	1.50	76 x 200



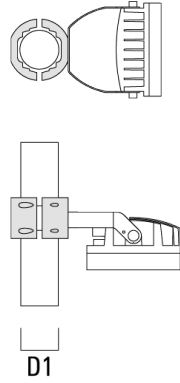
Pole clamp TS

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

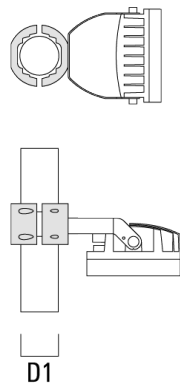


Projectors

Description	Part ID	D1	Weight (kg)	D
TS1-2/M12 Pole clamp, single (Ø 114-133)	147-0544	114-133	1.70	114-133

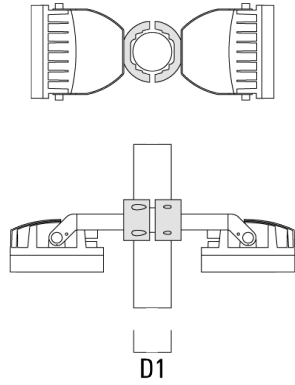


TS1-2/M12 Pole clamp, single (Ø 76-89)	147-0543	76-89	1.40	76-89
--	----------	-------	------	-------

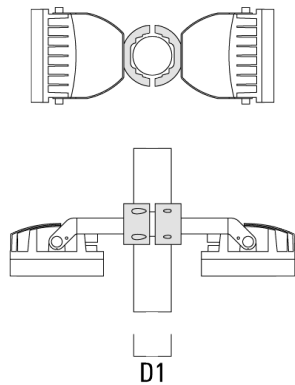


Projectors

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

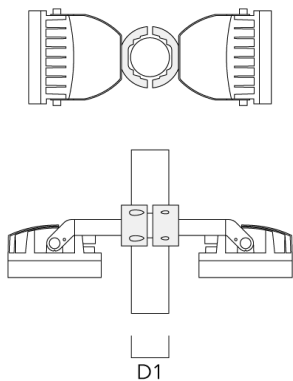


TS2-2/M12 Pole clamp, double (Ø 114-133)	147-0546	114-133	1.60	114-133
--	----------	---------	------	---------



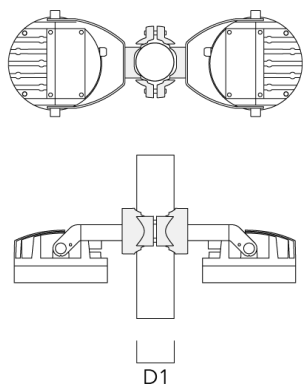
Projectors

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



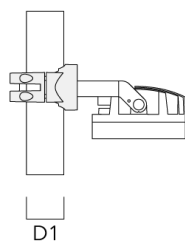
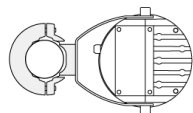
Pole clamp PC

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

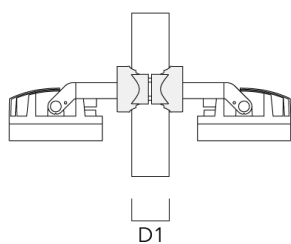
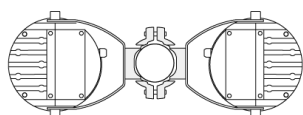


Projectors

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

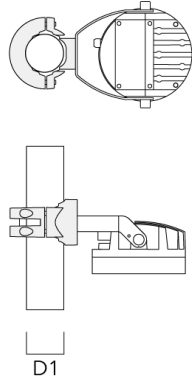


PC2 102-114/60 Pole clamp, double (Ø 102-114)	139-2707	102-114	1.20
---	----------	---------	------

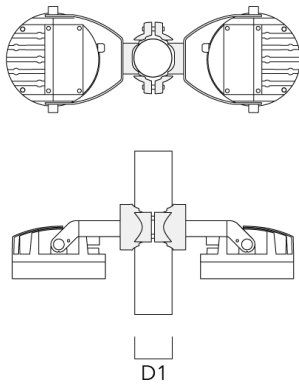


Projectors

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

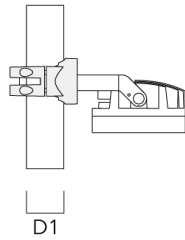
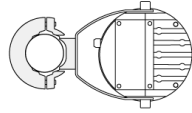


PC2 114-133/60 Pole clamp, double (Ø 114-133)	139-2709	114-133	1.40
--	----------	---------	------

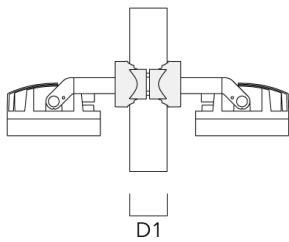


Projectors

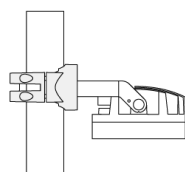
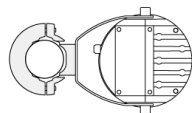
Description	Part ID	D1	Weight (kg)
PC1 114-133/60 Pole clamp, single (Ø 114-133)	139-2708	114-133	1.40



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



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

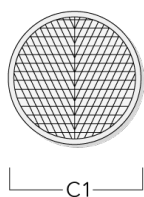


D1

Optical Accessories

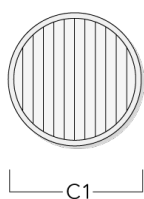
Wallwash lens

Description	Part ID	C1
IO-20-FLC220-LED	139-2035	146



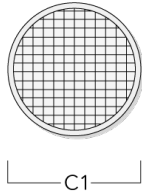
Linear spread lens

Description	Part ID	C1
IO-180-FLC220-LED	139-2036	146



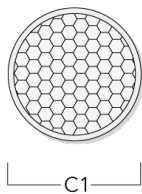
Projectors**Flood lens**

Description	Part ID	C1
IO-360-FLC220-LED	139-2037	146



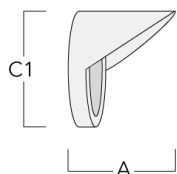
Honeycomb louvre

Description	Part ID	C1
IW-FLC220-LED - [EE][EES]	139-2034	138



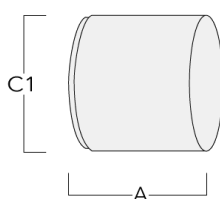
Glare shield

Description	Part ID	A	C1
ES-FLC220-LED	139-1986	125	190



Snoot

Description	Part ID	A	C1
ET-FLC220-LED	139-1987	125	190



Control

R2C Ready to Connect

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