

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. DALI Interface and Eco Step Dim® on request. Maximum one internal optical accessory possible.

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	0.018 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	SP10

Additional information

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

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]



linear spread, very narrow beam [EE]



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

Colour temperature

Nominal Watt



2700 K



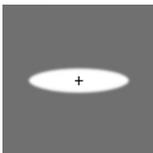
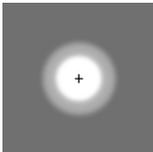
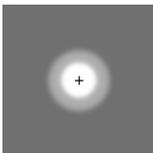
3000 K



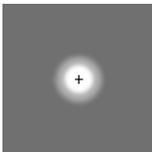
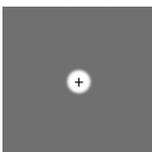
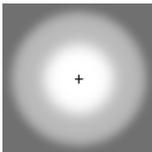
4000 K

0 W

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, very narrow beam [EE] 	139-2368+139-2404	LED-3/6W / 180 mA - 3000 K	621.2	7.5 W	80	2.00
	139-2369+139-2404	LED-3/6W / 180 mA - 4000 K	669	7.5 W	80	2.00
	139-2370+139-2404	LED-3/6W / 180 mA - 2700 K	621.2	7.5 W	80	2.00
	139-2383+139-2404	LED-3/9W / 250 mA - 3000 K	872	11 W	80	2.00
	139-2384+139-2404	LED-3/9W / 250 mA - 4000 K	931.8	11 W	80	2.00
	139-2385+139-2404	LED-3/9W / 250 mA - 2700 K	872	11 W	80	2.00
	139-2398+139-2404	LED-3/12W / 350 mA - 3000 K	1170.7	13.9 W	80	2.00
	139-2399+139-2404	LED-3/12W / 350 mA - 4000 K	1266.3	13.9 W	80	2.00
	139-2400+139-2404	LED-3/12W / 350 mA - 2700 K	1170.7	13.9 W	80	2.00
linear spread, very narrow beam, sharp cut-off [EES] 	139-2371+139-2404	LED-3/6W / 180 mA - 3000 K	559.4	7.5 W	80	2.00
	139-2372+139-2404	LED-3/6W / 180 mA - 4000 K	606	7.5 W	80	2.00
	139-2373+139-2404	LED-3/6W / 180 mA - 2700 K	559.4	7.5 W	80	2.00
	139-2386+139-2404	LED-3/9W / 250 mA - 3000 K	792.5	11 W	80	2.00
	139-2388+139-2404	LED-3/9W / 250 mA - 2700 K	792.5	11 W	80	2.00
	139-2401+139-2404	LED-3/12W / 350 mA - 3000 K	1060.5	13.9 W	80	2.00
	139-2402+139-2404	LED-3/12W / 350 mA - 4000 K	1142.1	13.9 W	80	2.00
	139-2403+139-2404	LED-3/12W / 350 mA - 2700 K	1060.5	13.9 W	80	2.00
	symmetric, medium beam [M] 	139-2362	LED-3/6W / 180 mA - 3000 K	684.1	7.5 W	80
139-2363		LED-3/6W / 180 mA - 4000 K	736.8	7.5 W	80	2.00
139-2364		LED-3/6W / 180 mA - 2700 K	684.1	7.5 W	80	2.00
139-2377		LED-3/9W / 250 mA - 3000 K	960.4	11 W	80	2.00
139-2378		LED-3/9W / 250 mA - 4000 K	1026.2	11 W	80	2.00
139-2379		LED-3/9W / 250 mA - 2700 K	960.4	11 W	80	2.00
139-2392		LED-3/12W / 350 mA - 3000 K	1289.4	13.9 W	80	2.00
139-2393		LED-3/12W / 350 mA - 4000 K	1394.6	13.9 W	80	2.00
139-2394		LED-3/12W / 350 mA - 2700 K	1289.4	13.9 W	80	2.00
symmetric, narrow beam [E] 		139-2365	LED-3/6W / 180 mA - 3000 K	629.9	7.5 W	80
	139-2366	LED-3/6W / 180 mA - 4000 K	678.3	7.5 W	80	2.00
	139-2367	LED-3/6W / 180 mA - 2700 K	629.9	7.5 W	80	2.00
	139-2380	LED-3/9W / 250 mA - 3000 K	884.2	11 W	80	2.00
	139-2381	LED-3/9W / 250 mA - 4000 K	944.8	11 W	80	2.00
	139-2382	LED-3/9W / 250 mA - 2700 K	884.2	11 W	80	2.00
	139-2395	LED-3/12W / 350 mA - 3000 K	1187.1	13.9 W	80	2.00
	139-2396	LED-3/12W / 350 mA - 4000 K	1284	13.9 W	80	2.00

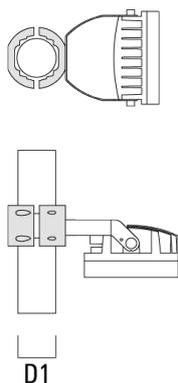
Projectors

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
symmetric, very narrow beam [EE] 	139-2397	LED-3/12W / 350 mA - 2700 K	1187.1	13.9 W	80	2.00
	139-2368	LED-3/6W / 180 mA - 3000 K	693.2	7.5 W	80	2.00
	139-2369	LED-3/6W / 180 mA - 4000 K	746.5	7.5 W	80	2.00
	139-2370	LED-3/6W / 180 mA - 2700 K	693.2	7.5 W	80	2.00
	139-2383	LED-3/9W / 250 mA - 3000 K	973.1	11 W	80	2.00
	139-2384	LED-3/9W / 250 mA - 4000 K	1039.8	11 W	80	2.00
	139-2385	LED-3/9W / 250 mA - 2700 K	973.1	11 W	80	2.00
	139-2398	LED-3/12W / 350 mA - 3000 K	1306.4	13.9 W	80	2.00
	139-2399	LED-3/12W / 350 mA - 4000 K	1413	13.9 W	80	2.00
	139-2400	LED-3/12W / 350 mA - 2700 K	1306.4	13.9 W	80	2.00
symmetric, very narrow beam, sharp cut-off [EES] 	139-2371	LED-3/6W / 180 mA - 3000 K	624.8	7.5 W	80	2.00
	139-2372	LED-3/6W / 180 mA - 4000 K	676.8	7.5 W	80	2.00
	139-2373	LED-3/6W / 180 mA - 2700 K	624.8	7.5 W	80	2.00
	139-2386	LED-3/9W / 250 mA - 3000 K	885.1	11 W	80	2.00
	139-2387	LED-3/9W / 250 mA - 4000 K	950.2	11 W	80	2.00
	139-2387+139-2404	LED-3/9W / 250 mA - 4000 K	850.8	11 W	80	2.00
	139-2388	LED-3/9W / 250 mA - 2700 K	885.1	11 W	80	2.00
	139-2401	LED-3/12W / 350 mA - 3000 K	1184.4	13.9 W	80	2.00
	139-2402	LED-3/12W / 350 mA - 4000 K	1275.6	13.9 W	80	2.00
	139-2403	LED-3/12W / 350 mA - 2700 K	1184.4	13.9 W	80	2.00
symmetric, wide beam [B] 	139-2359	LED-3/6W / 180 mA - 3000 K	643.3	7.5 W	80	2.00
	139-2360	LED-3/6W / 180 mA - 4000 K	692.8	7.5 W	80	2.00
	139-2361	LED-3/6W / 180 mA - 2700 K	643.3	7.5 W	80	2.00
	139-2374	LED-3/9W / 250 mA - 3000 K	903.1	11 W	80	2.00
	139-2375	LED-3/9W / 250 mA - 4000 K	965	11 W	80	2.00
	139-2376	LED-3/9W / 250 mA - 2700 K	903.1	11 W	80	2.00
	139-2389	LED-3/12W / 350 mA - 3000 K	1212.4	13.9 W	80	2.00
	139-2390	LED-3/12W / 350 mA - 4000 K	1311.4	13.9 W	80	2.00
	139-2391	LED-3/12W / 350 mA - 2700 K	1212.4	13.9 W	80	2.00

Mounting Accessories

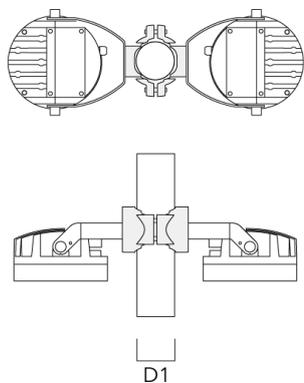
Pole clamp TS

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



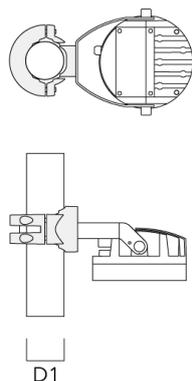
Pole clamp PC

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

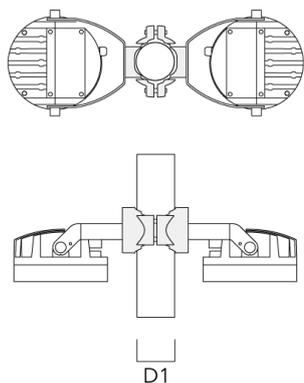


Projectors

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

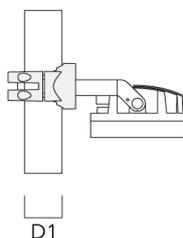
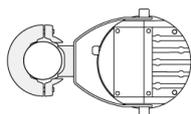


PC2 102-114/60 Pole clamp, double (Ø 102-114)	139-2707	102-114	1.20
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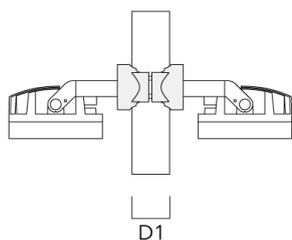
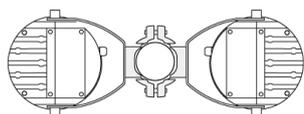


Projectors

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

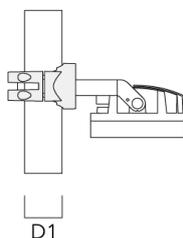
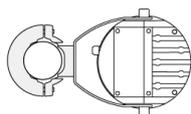


PC2 114-133/60 Pole clamp, double (Ø 114-133)	139-2709	114-133	1.40
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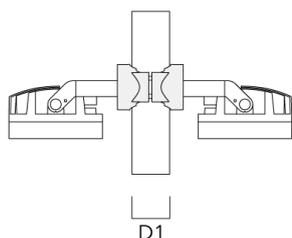
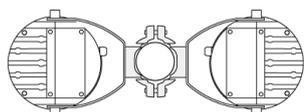


Projectors

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

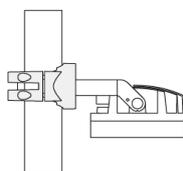
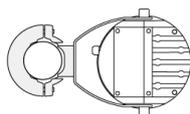


PC2 82-109/60 Pole camp, double (Ø 82-109)	139-2705	82-109	1.10
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Projectors

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

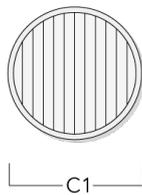


D1

Optical Accessories

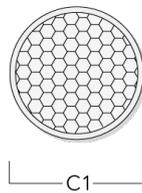
Linear spread lens

Description	Part ID	C1
IO-180-FLC210-LED	139-2404	100



Honeycomb louvre

Description	Part ID	C1
IW-FLC210-LED - [EE][EES]	139-2405	100



Projectors

Glare shield

Description	Part ID	A	C1
ES-FLC210-LED	139-2406	86	149

Snoot

Description	Part ID	A	C1
ET-FLC210-LED	139-2407	86	149

