

**Description**

Tunable White. 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.

## Projectors

### 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	0.054 m <sup>2</sup>

#### Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	DALI
Power factor	> 0.9
Surge protection	1/2 kV (optional SP10)

#### Additional information

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

**Options**

**Light distribution**

**Colour temperature**

**Nominal Watt**



symmetric, wide beam [B]

2200-6000K

0 W



symmetric, medium beam [M]

2700-6000K



symmetric, narrow beam [E]



linear spread, narrow beam [E]

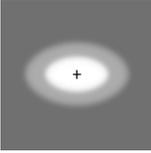
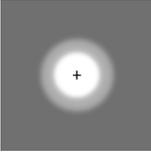
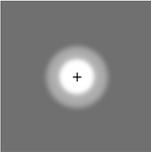
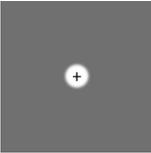
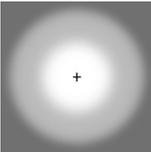
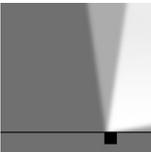


wallwash



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

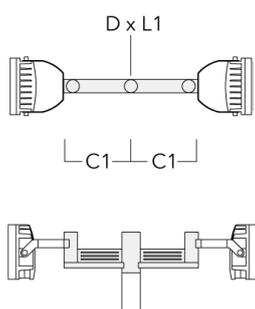
**Configurations**

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, narrow beam [E] 	139-2135+139-1849	LED-12/44W - 2200-6000 K	3835.7	51 W	80	7.70
symmetric, medium beam [M] 	139-2045	LED-12/44W - 2200-6000 K	4058	51 W	80	7.70
symmetric, narrow beam [E] 	139-2135	LED-12/44W - 2200-6000 K	4128.9	51 W	80	7.70
symmetric, very narrow beam, sharp cut-off [EES] 	139-2423	LED-24/24W - 2700-6000 K	2129	26.5 W	80	7.70
symmetric, wide beam [B] 	139-2044	LED-12/44W - 2200-6000 K	3815.8	51 W	80	7.70
wallwash 	139-2045+139-1848	LED-12/44W - 2200-6000 K	3343.1	51 W	80	7.70

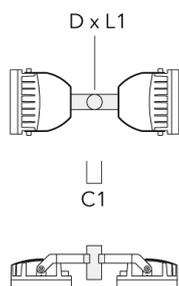
**Mounting Accessories**

**Floodlight mounting bracket TA**

Description	Part ID	A	C1	D x L1	Weight (kg)	D x S
TA2-L Mounting bracket, double (Ø 76 x 200)	147-0105	±90°	420	76 x 200	16.10	76 x 200



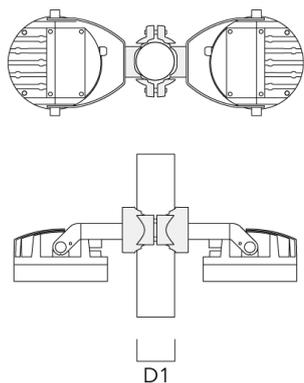
TA2 Mounting bracket, double* (Ø 76 x 200)	147-0024		130	76 x 200	1.90	76 x 200
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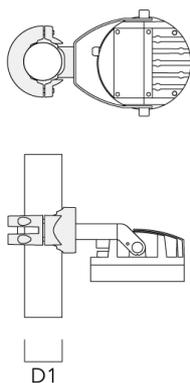
**Projectors**

**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

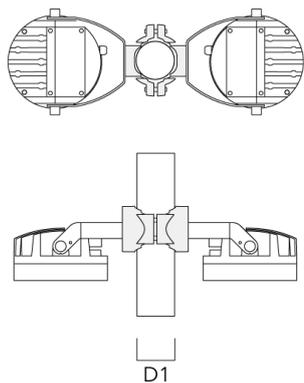


PC1 76-89/60 Pole clamp, single (Ø 76-89)	139-2702	76-89	1.00
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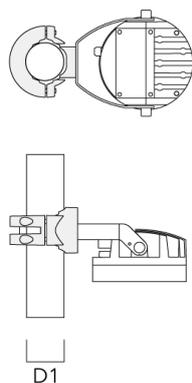


**Projectors**

Description	Part ID	D1	Weight (kg)
PC2 102-114/60 Pole clamp, double (Ø 102-114)	139-2707	102-114	1.20

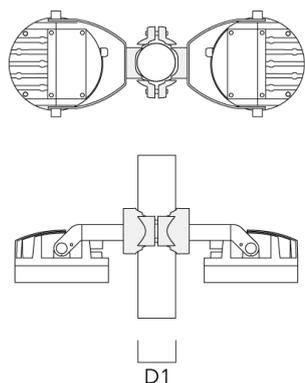


PC1 102-114/60 Pole clamp, single (Ø 102-114)	139-2706	102-114	1.20
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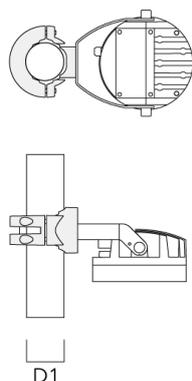


**Projectors**

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

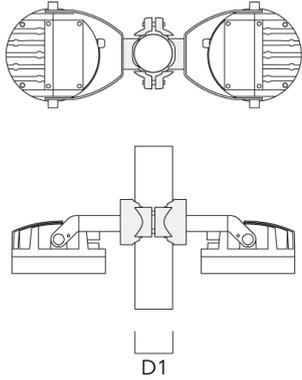


PC1 114-133/60 Pole clamp, single (Ø 114-133)	139-2708	114-133	1.40
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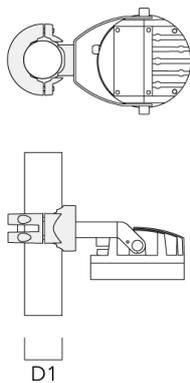


**Projectors**

Description	Part ID	D1	Weight (kg)
PC2 82-109/60 Pole camp, double (Ø 82-109)	139-2705	82-109	1.10



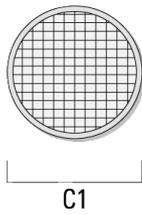
PC1 82-109/60 Pole camp, single (Ø 82-109)	139-2704	82-109	1.10
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**Optical Accessories**

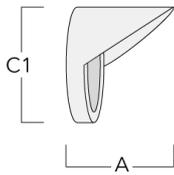
**Flood lens**

Description	Part ID	C1
IO-360-FLC230-LED	139-1850	199



**Glare shield**

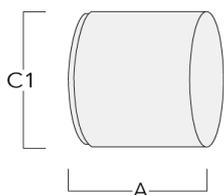
Description	Part ID	A	C1
ES-FLC230-LED	139-1852	159	266



**Projectors**

**Snoot**

Description	Part ID	A	C1
ET-FLC230-LED	139-1853	160	266



**Linear spread lens**

Description	Part ID	C1
IO-180-FLC230-LED	139-1849	199

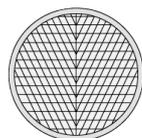


## Projectors

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### Wallwash lens

Description	Part ID	C1
10-20-FLC230-LED	139-1848	199



C1

**Control**

**R2C Ready to Connect**

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

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