

**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 with Tunable White Technology. 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	0.090 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
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**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

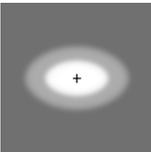
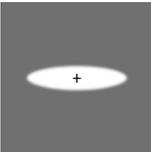
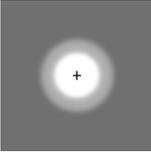
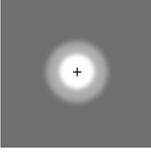
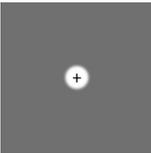
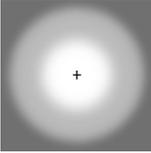
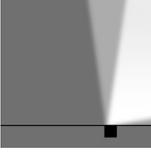


symmetric, very narrow beam, sharp cut-off [EES]



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

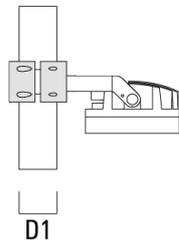
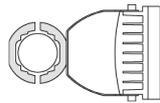
### Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, narrow beam [E] 	139-2049+139-1855	LED-24/88W - 2200-6000 K	7671.5	102 W	80	13.80
linear spread, very narrow beam, sharp cut-off [EES] 	139-2427+139-1855	LED-48/48W - 2700-6000K	3809.3	54 W	80	13.80
symmetric, medium beam [M] 	139-2048	LED-24/88W - 2200-6000 K	8116	102 W	80	13.80
symmetric, narrow beam [E] 	139-2049	LED-24/88W - 2200-6000 K	8257.8	102 W	80	13.80
symmetric, very narrow beam, sharp cut-off [EES] 	139-2427	LED-48/48W - 2700-6000K	4257.9	54 W	80	13.80
symmetric, wide beam [B] 	139-2047	LED-24/88W - 2200-6000 K	7631.5	102 W	80	13.80
wallwash 	139-2048+139-1854	LED-24/88W - 2200-6000 K	6686.2	102 W	80	13.80

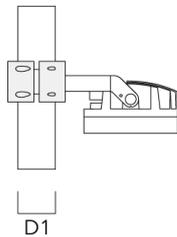
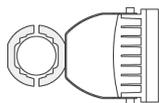
**Mounting Accessories**

**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

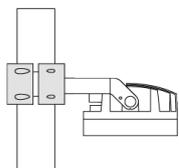
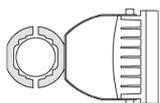


TS1-2/M12 Pole clamp, single (Ø 102-114)	147-0526	102-114	1.50	102-114
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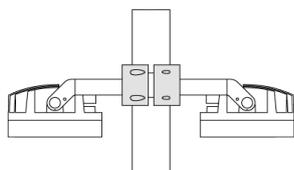
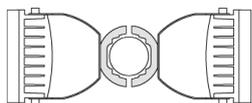
**Projectors**

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



D1

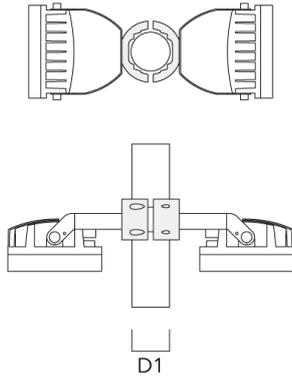
TS2-2/M12 Pole clamp, double (Ø 76-89)	147-0545	76-89	1.40	76-89
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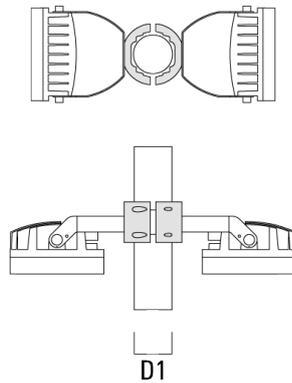
D1

**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

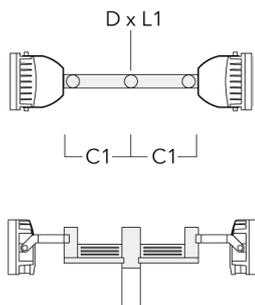


TS2-2/M12 Pole clamp, double (Ø 114-133)	147-0546	114-133	1.60	114-133
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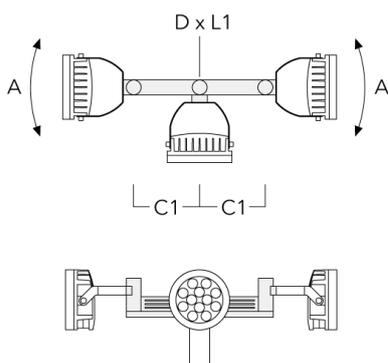


**Floodlight mounting bracket TA**

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

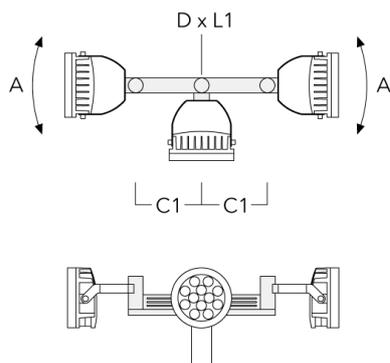


TA3 Mounting bracket, triple (Ø 89 x 200)	147-0025	±90°	650	89 x 200	17.90	89 x 200
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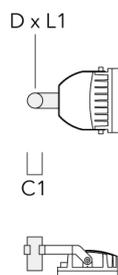


**Projectors**

Description	Part ID	A	C1	D x L1	Weight (kg)	D x S
TA4 Mounting bracket, quad (Ø 89 x 200)	147-0099	±90°	650	89 x 200	20.80	89 x 200

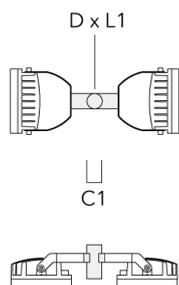


TA1 Mounting bracket, single (Ø 108 x 200)	147-0096		130	108 x 200	7.50	108 x 200
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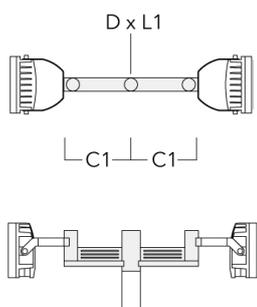


**Projectors**

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

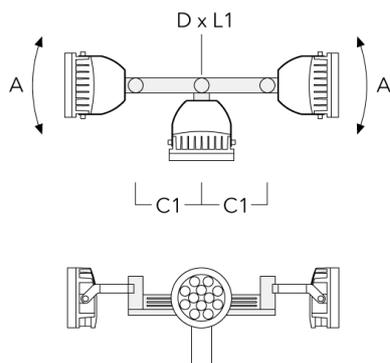


TA2-L Mounting bracket, double (Ø 108 x 200)	147-0148	±90°	420	108 x 200	20.20	108 x 200
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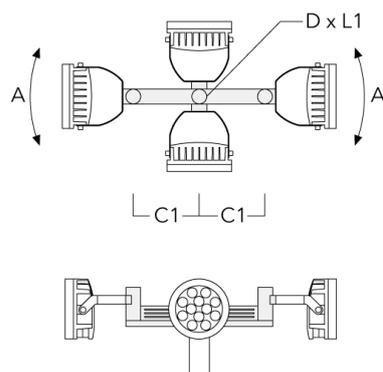


**Projectors**

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



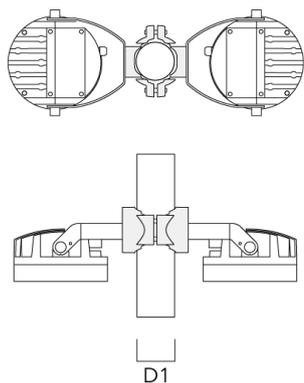
TA4 Mounting bracket, quad (Ø 108 x 200)	147-0100	±90°	650	108 x 200	24.20	108 x 200
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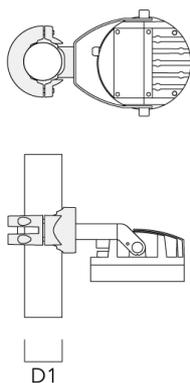
**Projectors**

**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

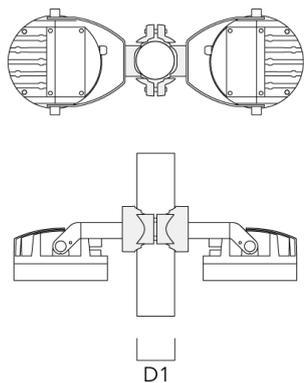


PC1 76-89/60 Pole clamp, single (Ø 76-89)	139-2702	76-89	1.00
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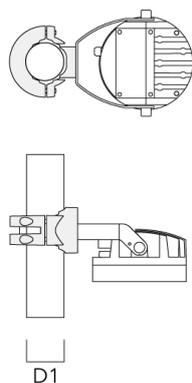


## Projectors

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

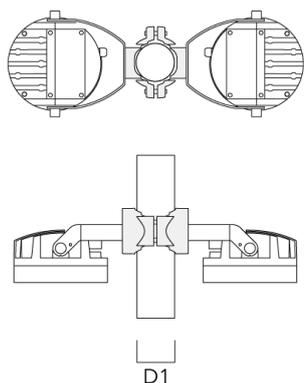


PC1 102-114/60 Pole clamp, single (Ø 102-114)	139-2706	102-114	1.20
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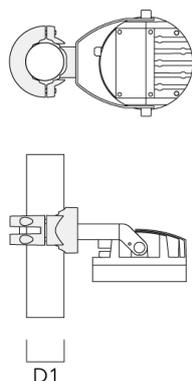


**Projectors**

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

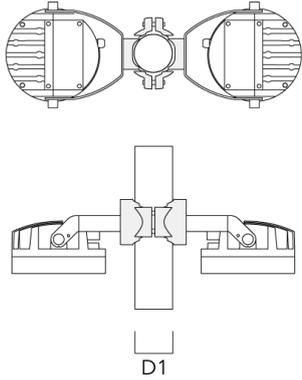


PC1 114-133/60 Pole clamp, single (Ø 114-133)	139-2708	114-133	1.40
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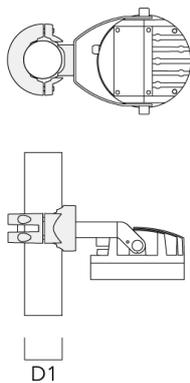


**Projectors**

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



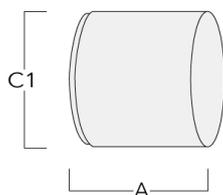
PC1 82-109/60 Pole camp, single (Ø 82-109)	139-2704	82-109	1.10
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**Optical Accessories**

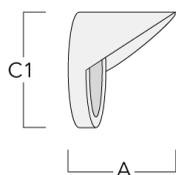
**Snoot**

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



**Glare shield**

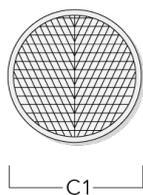
Description	Part ID	A	C1
ES-FLC240-LED	139-1858	200	346



**Projectors**

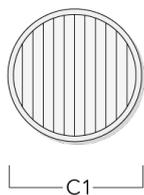
**Wallwash lens**

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



### Control

#### R2C Ready to Connect

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