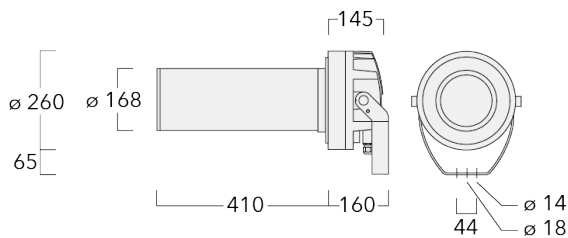







Description

Profile Projector [GP] for projection of gobos on a surface. Spherical/triple flat convex lens system. Gobo motif (size B - 86mm OD, 64mm Printable Area) on request, to be ordered separately.



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 main lens. Two cable glands for improved wiring flexibility. Integral EC electronic converter, thermally separated. LED boards can be removed for upgrading. PMMA LED lenses. Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

Projectors**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 CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware (unpainted)
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE+Primer
Windage	0.114 m ²

Electrical description

Power supply	230V / 50 Hz
Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
Power factor	> 0.9

Additional information

Lifetime	Ta=40° L90B10 > 90000h
GOBO	Gobo outside diameter 86 mm, max. printable area d = 60 mm. WE-EF recommendation = d 48 mm.

FLC230 LED [GP]

Projectors

Options

Light distribution



symmetric Gobo-Projector [GP] - min aperture angle



symmetric Gobo-Projector [GP] - max aperture angle

Colour temperature



2200 K



2700 K



3000 K





4000 K

Nominal Watt

36 W

48 W

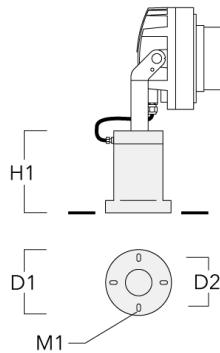
Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
symmetric Gobo-Projector [GP] - max aperture angle 	139-2987_max	LED-FT-36W / 850 mA - 2200 K	1814.3	39 W	70	10.80
	139-2988_max	LED-FT-48W / 1100 mA - 2200 K	2316.4	53 W	70	10.80
	139-2989_max	LED-FT-36W / 850 mA - 2700 K	2126.6	39 W	80	10.80
	139-2990_max	LED-FT-48W / 1100 mA - 2700 K	2715.1	53 W	80	10.80
	139-2991_max	LED-FT-36W / 850 mA - 3000 K	2145.5	39 W	80	10.80
	139-2991_min	LED-FT-36W / 850 mA - 3000 K	2341.8	39 W	80	10.80
	139-2992_max	LED-FT-48W / 1100 mA - 3000 K	2740.5	53 W	80	10.80
	139-2993_max	LED-FT-36W / 850 mA - 4000 K	2299.5	39 W	80	10.80
	139-2994_max	LED-FT-48W / 1100 mA - 4000 K	2936.7	53 W	80	10.80
symmetric Gobo-Projector [GP] - min aperture angle 	139-2987_min	LED-FT-36W / 850 mA - 2200 K	1980.3	39 W	70	10.80
	139-2988_min	LED-FT-48W / 1100 mA - 2200 K	2528.3	53 W	70	10.80
	139-2989_min	LED-FT-36W / 850 mA - 2700 K	2321.1	39 W	80	10.80
	139-2990_min	LED-FT-48W / 1100 mA - 2700 K	2963.6	53 W	80	10.80
	139-2992_min	LED-FT-48W / 1100 mA - 3000 K	2991.2	53 W	80	10.80
	139-2993_min	LED-FT-36W / 850 mA - 4000 K	2509.9	39 W	80	10.80
	139-2994_min	LED-FT-48W / 1100 mA - 4000 K	3205.3	53 W	80	10.80

Mounting Accessories

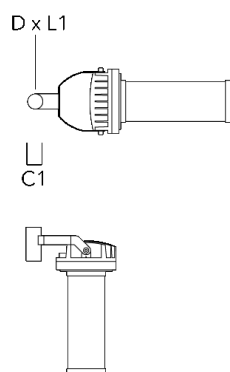
Short post EM

Description	Part ID	D1	D2	H1	M1	Weight (kg)
EM1-M16	270-9038	160	130	200	9	2



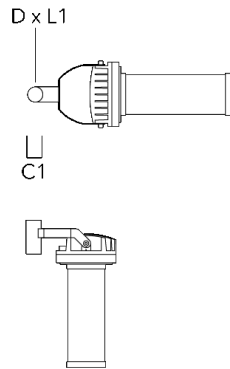
Floodlight mounting bracket TA

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

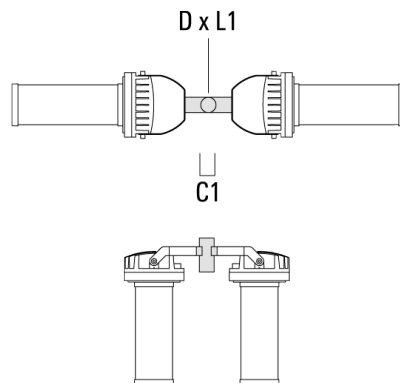


Projectors

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

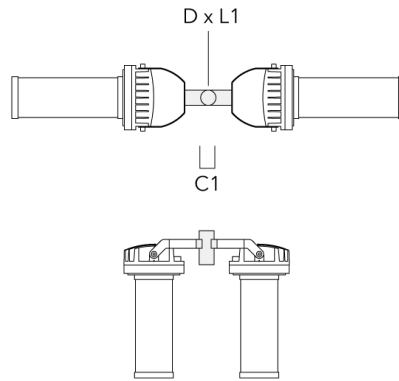


TA2 Mounting bracket, double* (Ø 76 x 200)	147-0024		130	76 x 200	1.90	76 x 200
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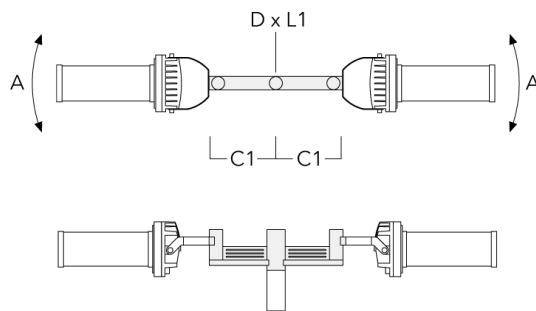


Projectors

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

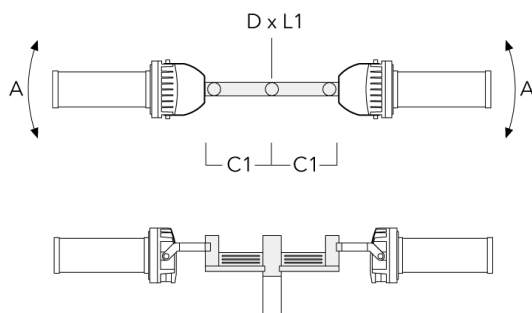


TA2-L Mounting bracket, double (Ø 108 x 200)	147-0148	±90°	420	108 x 200	20.20	108 x 200
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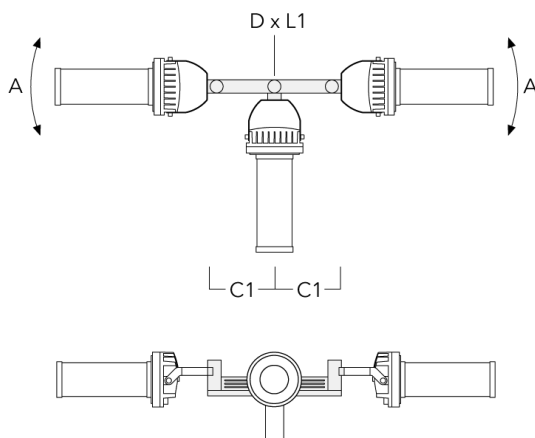


Projectors

Description	Part ID	A	C1	D 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

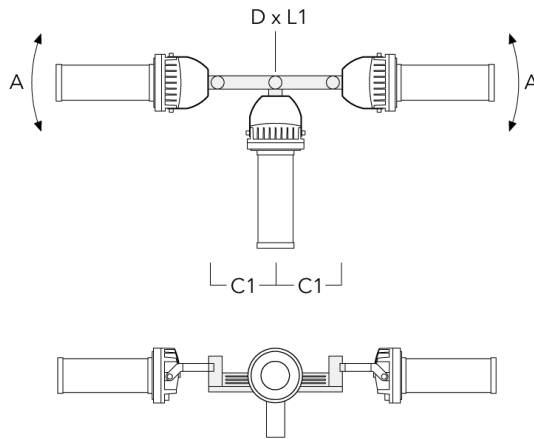


TA3 Mounting bracket, triple (Ø 89 x 200)	147-0025	±90°	650	89 x 200	17.90	89 x 200
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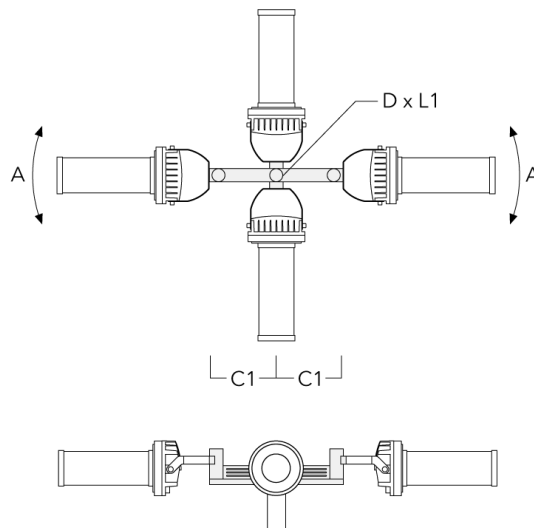


Projectors

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

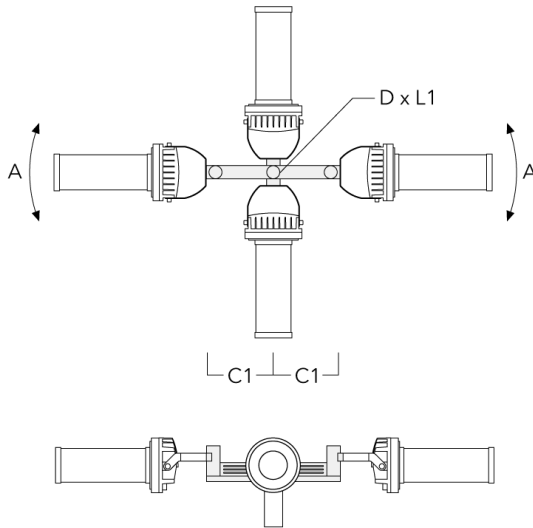


TA4 Mounting bracket, quad (Ø 89 x 200)	147-0099	±90°	650	89 x 200	20.80	89 x 200
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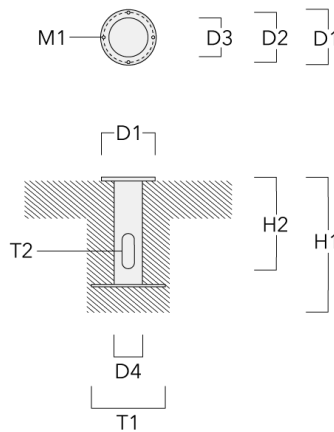
Projectors

Description	Part ID	A	C1	D x L1	Weight (kg)	D x S
TA4 Mounting bracket, quad (Ø 108 x 200)	147-0100	±90°	650	108 x 200	24.20	108 x 200



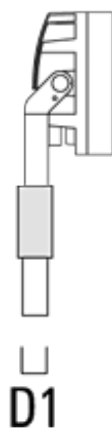
Planted root

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

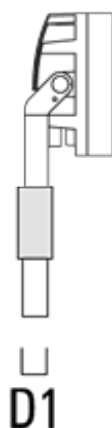


Projectors**Spigot cap KF**

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



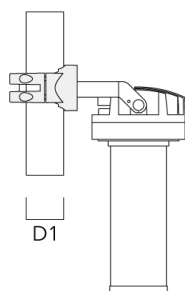
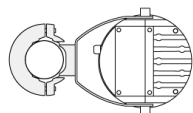
KF1-M16 Spigot Cap (ø 76 x 100)	310-9121	76 x 100	2.2
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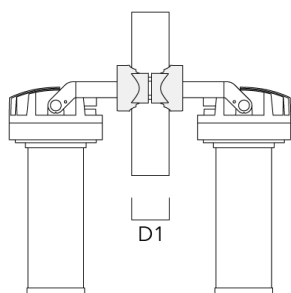
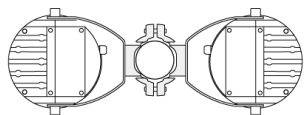
Projectors

Pole clamp PC - Rotatable

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



PC2 76-89/60 Pole clamp, double (Ø 76-89)	139-2703	76-89	1.00
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Projectors

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

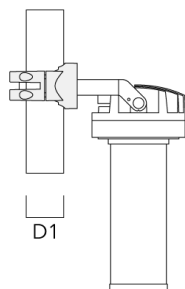
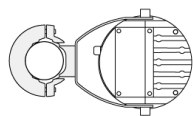


PC2 82-109/60 Pole clamp, double (Ø 82-109)	139-2705	82-109	1.10
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Projectors

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



PC2 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 114-133/60 Pole clamp, single (Ø 114-133)	139-2708	114-133	1.40



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

R2C Ready to Connect

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