



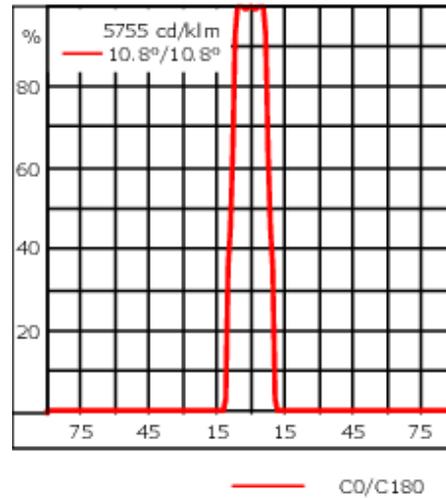
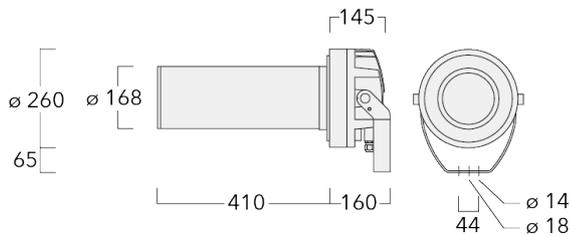
### Description

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.

Weight	10.80 kg
Light distribution	symmetric Gobo-Projector [GP] - min aperture angle
Light source	LED-FT-48W / 1100 mA - 2700 K
CRI	80
Power supply	EC
LEDs	1
Rated input power	53 W
<b>Rated lumens (lm)</b>	
LED Lumen	2963.6
Total Lumen	2963.6
Ta	25
<b>Nominal Lumen (lm)</b>	
LED Lumen	6435
Total Lumen	6435
Tc	25

## FLC230 LED [GP]



## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 20px; background-color: black; margin-right: 5px;"></div> <span>RAL9004 Signal black</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 20px; background-color: #cccccc; margin-right: 5px;"></div> <span>RAL9006 White aluminium</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 20px; background-color: #808080; margin-right: 5px;"></div> <span>RAL9007 Grey aluminium</span> </div>
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 <sup>2</sup>

### Electrical description

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

**Additional information**

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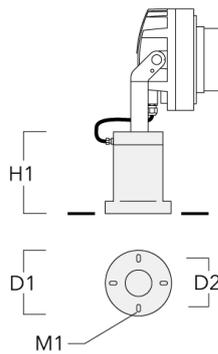
Lifetime	Ta=40° L90B10 > 90000h
GOBO	Gobo outside diameter 86 mm, max. printable area d = 64 mm. WE-EF recommendation = d 48 mm.

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## Mounting Accessories

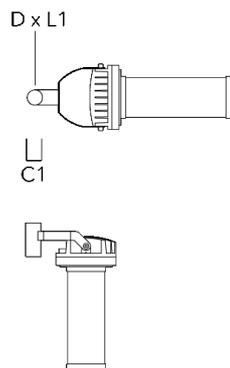
### Short post EM

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



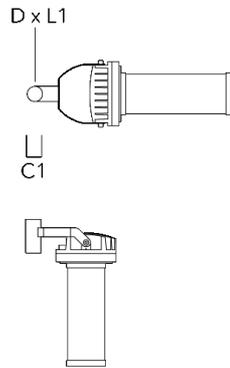
### Floodlight mounting bracket TA

Description	Part ID	A	C1	D × L1	Weight (kg)	D × S
TA1 Mounting bracket, single* (Ø 76 x 200)	147-0023		130	76 x 200	1.90	76 x 200

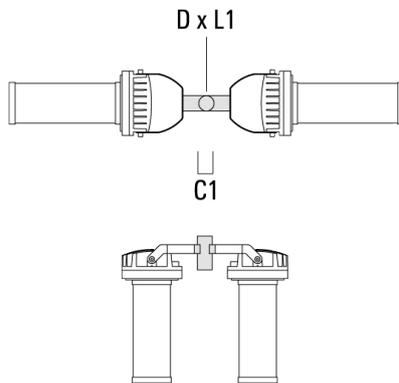


**FLC230 LED [GP]**

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

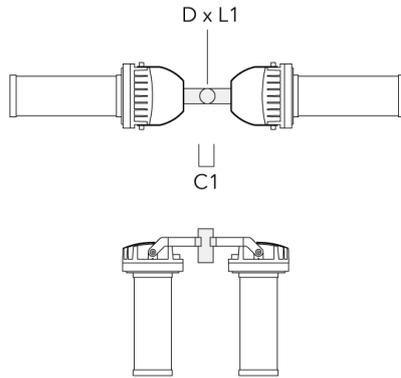


TA2 Mounting bracket, double* (Ø 76 x 200)	147-0024		130	76 x 200	1.90	76 x 200
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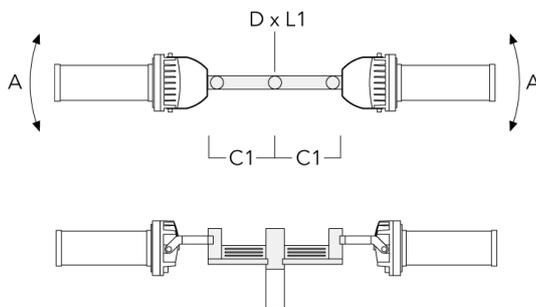


**FLC230 LED [GP]**

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

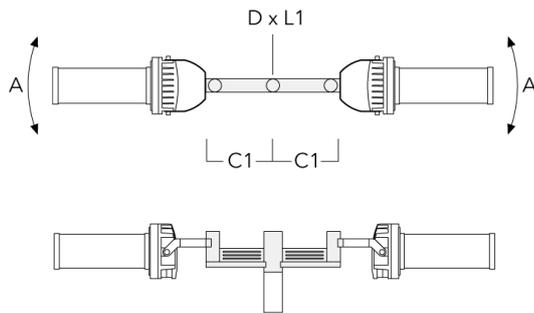


TA2-L Mounting bracket, double (Ø 108 x 200)	147-0148	±90°	420	108 x 200	20.20	108 x 200
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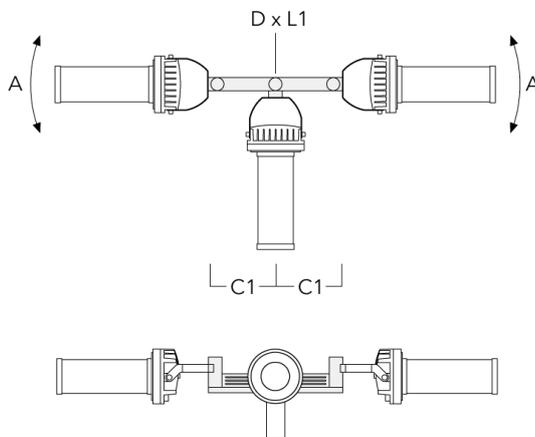


**FLC230 LED [GP]**

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

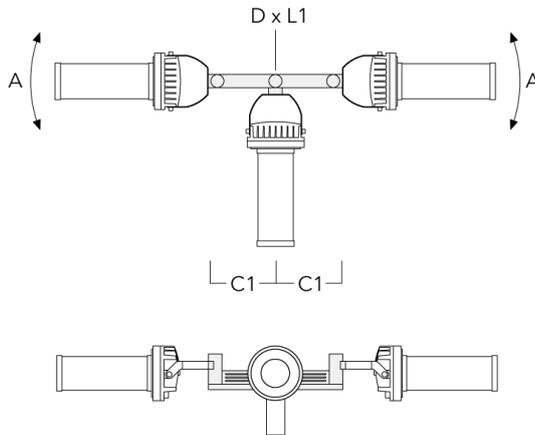


TA3 Mounting bracket, triple (Ø 89 x 200)	147-0025	±90°	650	89 x 200	17.90	89 x 200
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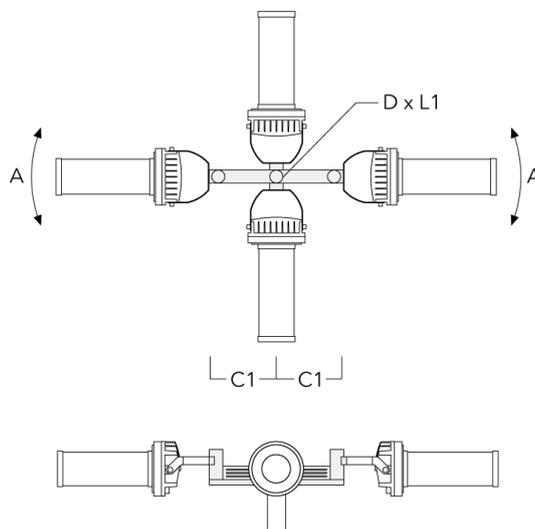


**FLC230 LED [GP]**

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

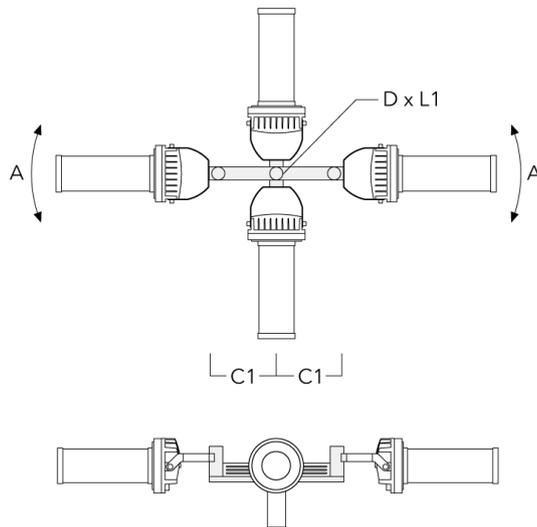


TA4 Mounting bracket, quad (Ø 89 x 200)	147-0099	±90°	650	89 x 200	20.80	89 x 200
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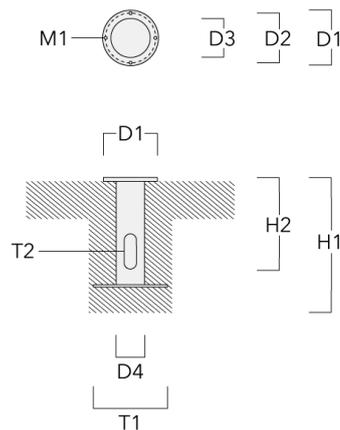
**FLC230 LED [GP]**

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



**Planted root**

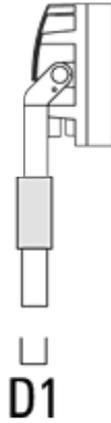
Description	Part ID	D1	D2	D3	D4	H1	H2	M1	T1	T2	Weight (kg)
Planted root ESV4	300-0461-AP	150	130	60	89	400	350	8	200	50 x 100	3.85



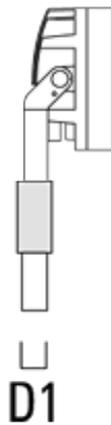
## FLC230 LED [GP]

## Spigot cap KF

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



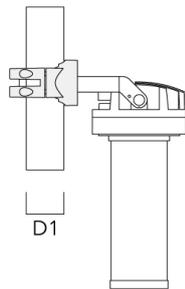
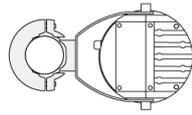
KF1-M16 Spigot Cap (ø 76 x 100)	310-9121	76 x 100	2.2
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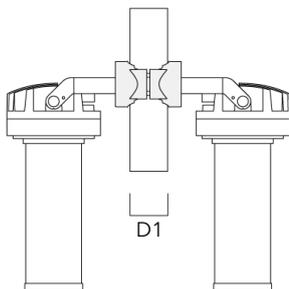
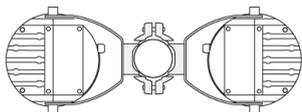
## FLC230 LED [GP]

## 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

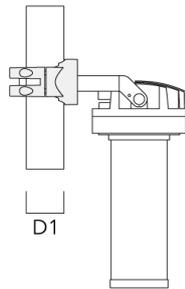
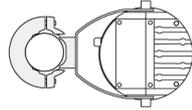


PC2 76-89/60 Pole clamp, double (Ø 76-89)	139-2703	76-89	1.00
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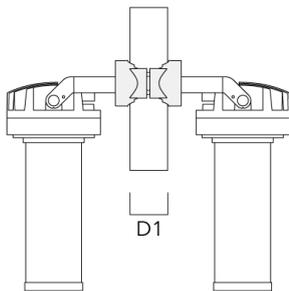
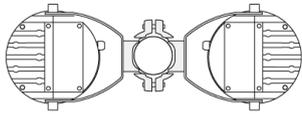


**FLC230 LED [GP]**

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

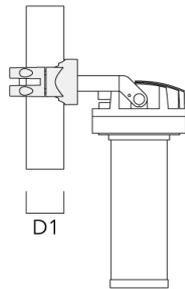
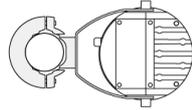


PC2 82-109/60 Pole clamp, double (Ø 82-109)	139-2705	82-109	1.10
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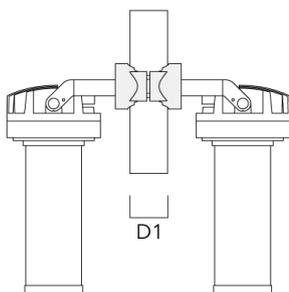
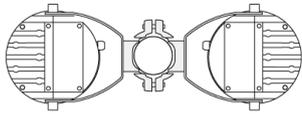


**FLC230 LED [GP]**

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

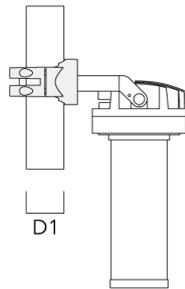
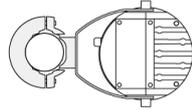


PC2 102-114/60 Pole clamp, double (Ø 102-114)	139-2707	102-114	1.20
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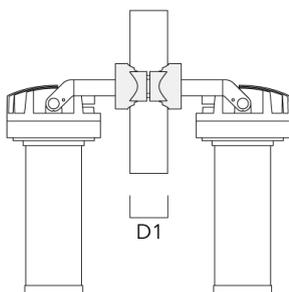
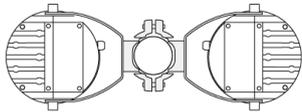


**FLC230 LED [GP]**

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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## 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