

139-1913

FLC230-CC LED

**we-ef**



### Description

RGBW/RGBA Colour Changer. 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. DMX interface. M20 cable gland for network- and DMX-connection, WE-EF recommend a multi core cable for DMX & Power "Power PUR-SR 3x1,5 + DMX".

Weight	7.70 kg
Light distribution	symmetric, medium beam [M]
Light source	LED-12/48W - RGBW/4K
CRI	20/80
Power supply	EC
LEDs	12
Rated input power	50 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	340
Total Lumen	4080
Tj	85
<b>Rated lumens (lm)</b>	
LED Lumen	267.1
Total Lumen	3205
Ta	25

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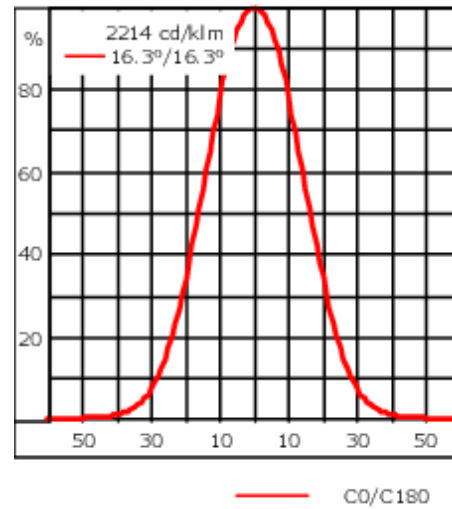
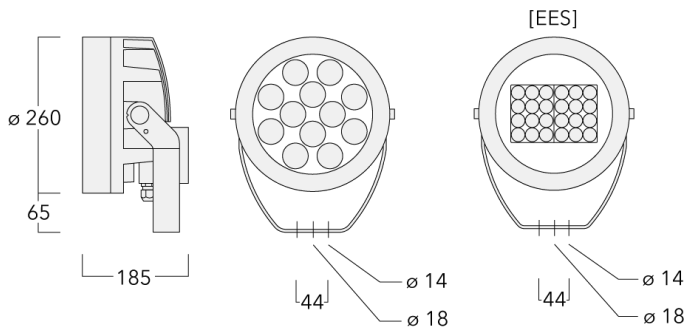
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## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	<ul style="list-style-type: none"><li>■ RAL9004 Signal black</li><li>■ RAL9006 White aluminium</li><li>■ RAL9007 Grey aluminium</li><li>■ RAL7016 Anthracite grey</li><li>■ RAL9016 Traffic white</li></ul>
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	DMX
Power factor	> 0.9
Surge protection	1/2 kV (optional SP10)

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**Additional information**

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Lifetime Ta=25° L90B10 > 90000h

Energy efficiency class G (Light source)

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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

### DMX Controller

Description	Part ID
DMX Controller	400-0469

### DMX Controller (smart)

Description	Part ID	Additional information
DMX Controller (smart)	400-0470	IP20. The Touch Panel is an intuitive and easy-to-use keypad or one DMX universe. It can store up to 36 scenes; alternatively, via ....



**DMX Controller - RDM ready**

Description	Part ID
DMX Controller - RDM ready	400-0471



**DMX Splitter**

Description	Part ID
DMX Splitter	400-0473



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### DMX Booster Box

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Description	Part ID
DMX Booster Box	400-0474

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### DMX Motion Sensor

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Description	Part ID
DMX Motion Sensor	400-0478

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**DMX Termination Plug**

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Description	Part ID
DMX Termination Plug	400-0475

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**DMX Plug and Socket**

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Description	Part ID
DMX Plug and Socket	400-0479

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### DMX Combination Cable

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Description	Part ID
DMX Combination Cable	400-0480

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### DMX Wireless Repeater

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Description	Part ID
DMX Wireless Repeater	400-0477

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**DMX Wireless Transceiver**

Description	Part ID
DMX Wireless Transceiver	400-0476

**DMX Controller (smart) - RDM ready**

Description	Part ID
DMX Controller (smart) - RDM ready	400-0472

**R2C Ready to Connect**

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

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**DMX Wireless Antenna**

Description	Part ID
Antenna RF5dB	430-0036
Antenna RF1.8dB	430-0018

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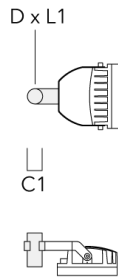
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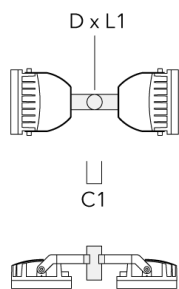
**Mounting Accessories**

**Floodlight mounting bracket TA**

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

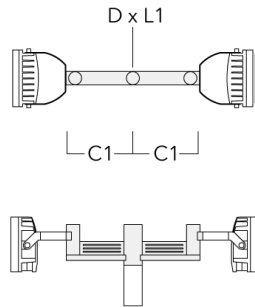


TA2 Mounting bracket, double (Ø 108 x 200)	147-0097		130	108 x 200	7.50	108 x 200
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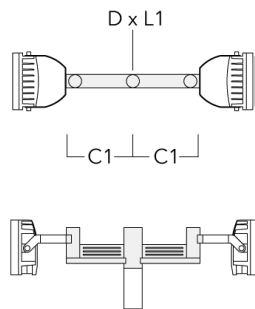


**FLC230-CC LED**

Description	Part ID	A	C1	D x L1	Weight (kg)	D x S
TA2-L Mounting bracket, double (Ø 108 x 200)	147-0148	±90°	420	108 x 200	20.20	108 x 200



TA2-L Mounting bracket, double (Ø 76 x 200)	147-0105	±90°	420	76 x 200	16.10	76 x 200
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**FLC230-CC LED**

Description	Part ID	A	C1	D x L1	Weight (kg)	D x S
TA3 Mounting bracket, triple (Ø 89 x 200)	147-0025	±90°	650	89 x 200	17.90	89 x 200

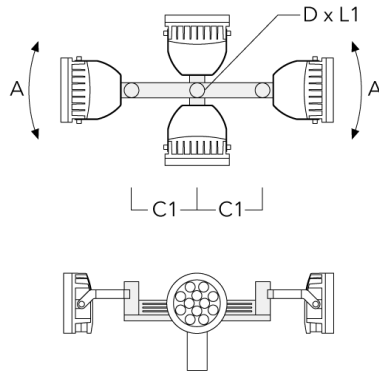


TA3 Mounting bracket, triple (Ø 108 x 200)	147-0098	±90°	650	108 x 200	24.20	108 x 200
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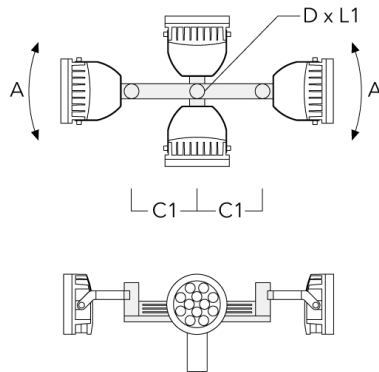


**FLC230-CC LED**

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

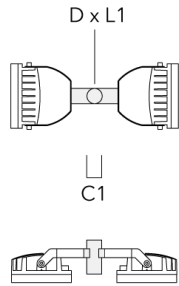


TA4 Mounting bracket, quad (Ø 108 x 200)	147-0100	±90°	650	108 x 200	24.20	108 x 200
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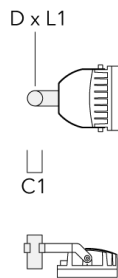


**FLC230-CC LED**

Description	Part ID	A	C1	D × L1	Weight (kg)	D × S
TA2 Mounting bracket, double* (Ø 76 x 200)	147-0024		130	76 x 200	1.90	76 x 200

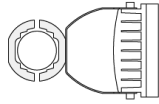


TA1 Mounting bracket, single* (Ø 76 x 200)	147-0023		130	76 x 200	1.50	76 x 200
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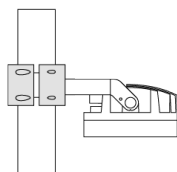
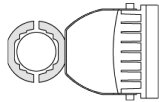
## Pole clamp TS

Description	Part ID	D1	Weight (kg)	D
TS1-2/M12 Pole clamp, single (Ø 102-114)	147-0526	102-114	1.50	102-114



D1

TS1-2/M12 Pole clamp, single (Ø 114-133)	147-0544	114-133	1.70	114-133
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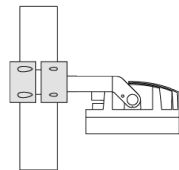


D1



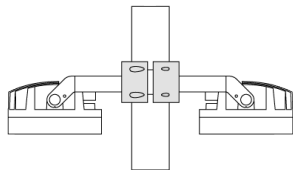
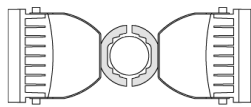
**FLC230-CC LED**

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



D1

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

**FLC230-CC LED**

Description	Part ID	D1	Weight (kg)	D
TS2-2/M12 Pole clamp, double (Ø 114-133)	147-0546	114-133	1.60	114-133

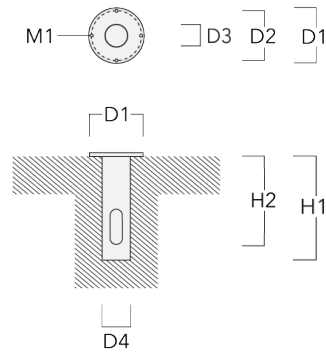


TS2-2/M12 Pole clamp, double (Ø 102-114)	147-0527	102-114	1.50	102-114
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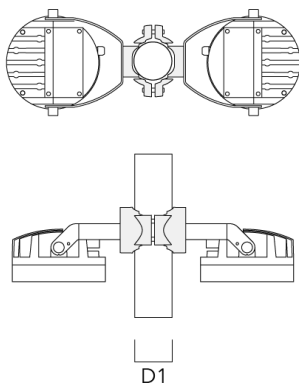
**Planted root**

Description	Part ID	D1	D2	D3	D4	H1	H2	M1	Weight(kg)
Planted root ESV4	300-0461	145	130	102	108	400	350	8	7.05



**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



**FLC230-CC LED**

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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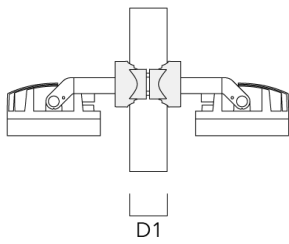


**FLC230-CC LED**

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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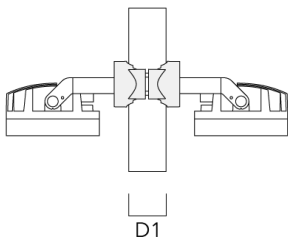
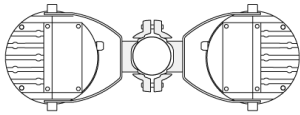


**FLC230-CC LED**

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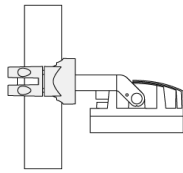
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Description	Part ID	D1	Weight (kg)
PC1 82-109/60 Pole camp, single (Ø 82-109)	139-2704	82-109	1.10

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D1

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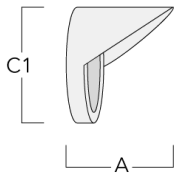
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**Optical Accessories**

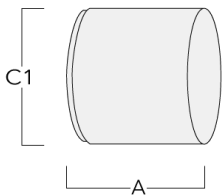
**Glare shield**

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



**Snoot**

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



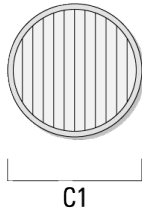


**Linear spread lens**

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

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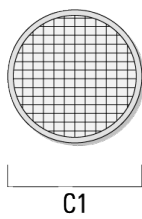
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**Flood lens**

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

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**Wallwash lens**

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

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