

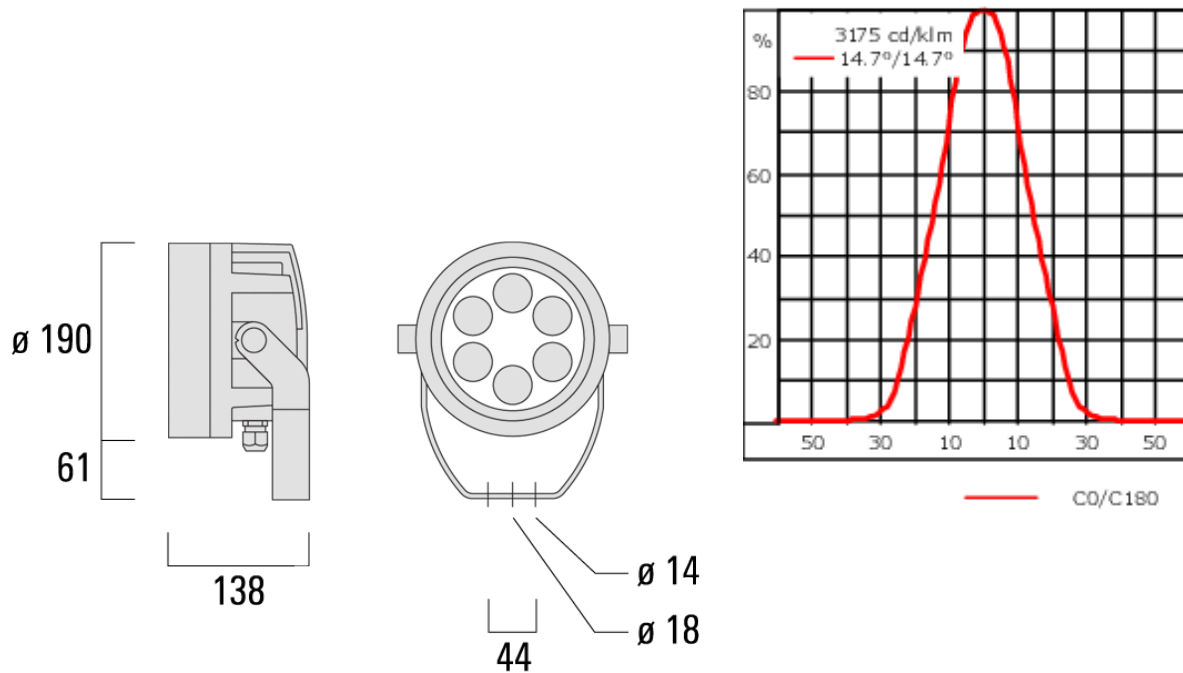


#### **Description**

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 lens. Two cable glands for improved wiring flexibility. Integral EC electronic converter, thermally separated. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. 1-10V, DALI Interface or Eco Step Dim\_R\_ on request. Maximum one internal optical accessory possible.

Optional 2200 K version available. To be specified at time of ordering.

Weight	4.30 kg
Light distribution	symmetric, medium beam [M]
Light source	LED-6/12W / 700 mA - 4000 K
CRI	80
Power supply	EC
LEDs	6
Rated input power	14.5 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	310
Total Lumen	1860
Tj	85
<b>Rated lumens (lm)</b>	
LED Lumen	273.2
Total Lumen	1639.3
Ta	25



## 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: 15px; background-color: black; margin-right: 5px;"></div> <div>RAL9004 Signal black</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #cccccc; margin-right: 5px;"></div> <div>RAL9006 White aluminium</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #808080; margin-right: 5px;"></div> <div>RAL9007 Grey aluminium</div> </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	0.030 m <sup>2</sup>

**139-2002**

**FLC220 LED**

**we-ef**

**Electrical description**

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Power supply	230V / 50 Hz
Driver / Ballast	Integral EC electronic convertor in thermally-separated compartment

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**Additional information**

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Lifetime	Ta=40° L90B10 > 90000h
Warranty	The product is supplied with 10-year warranty. Please refer to the LED Warranty Statement located on <a href="http://www.we-ef.com">www.we-ef.com</a> for further details.

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**WE-EF LIGHTING Pty Ltd**

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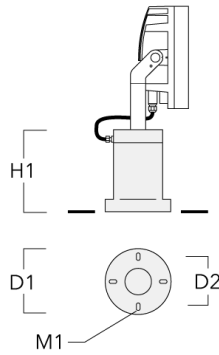
info.australia@we-ef.com - <https://we-ef.com/aus>

Subject to technical changes and errors. - Generated on 19/04/2025

**Mounting Accessories**

**Short post EM**

Description	Part ID	D1	D2	H1	M1	Weight (kg)
EM1-M16 AL	270-9038	160	130	203	9	2.10



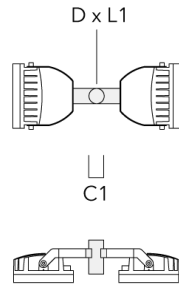
**Floodlight mounting bracket TA**

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

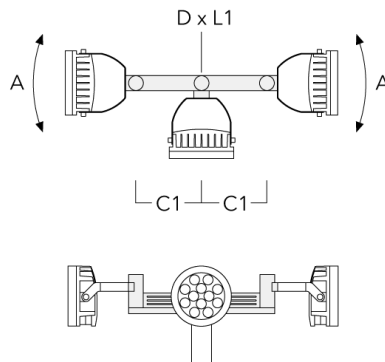


**FLC220 LED**

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

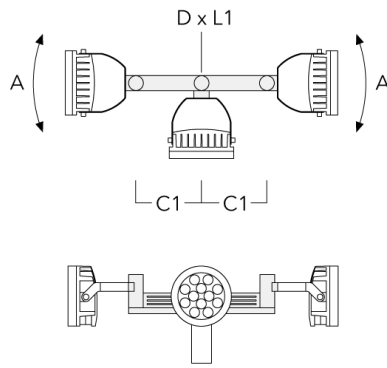


TA3 Mounting bracket, triple (Ø 89 x 200)	147-0025	±90°	650	89 x 200	17.90	89 x 200
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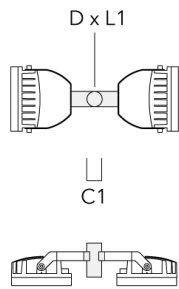


**FLC220 LED**

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

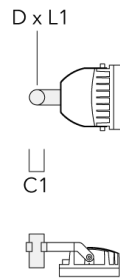


TA2 Mounting bracket, double* (Ø 76 x 200)	147-0024		130	76 x 200	1.90	76 x 200
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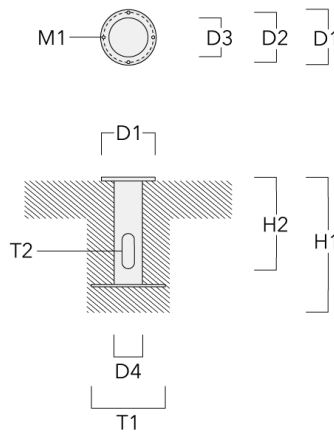
**FLC220 LED**

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	1.50	76 x 200



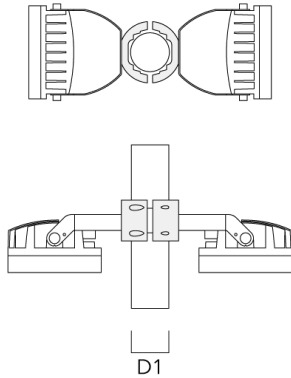
**Planted root**

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

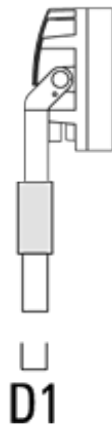


**Pole clamp TS**

Description	Part ID	D1	Weight (kg)	D
TS2-2/M12 Pole clamp, double (Ø 102-114)	147-0527	102-114	1.50	102-114

**Spigot cap KF**

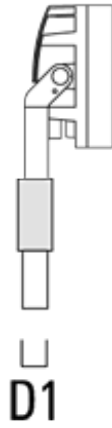
Description	Part ID	D1	Weight (kg)
KF1-M16 Spigot Cap (ø 60 x 100)	310-9120	60 x 100	1.40





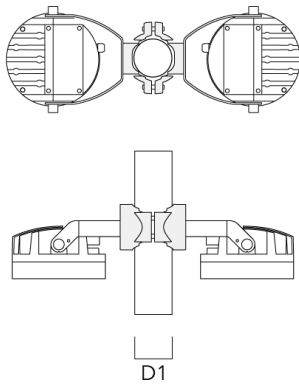
**FLC220 LED**

Description	Part ID	D1	Weight (kg)
KF1-M16 Spigot Cap (ø 76 x 100)	310-9121	76 x 100	2.2



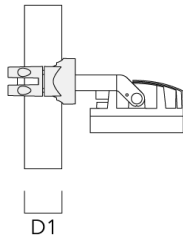
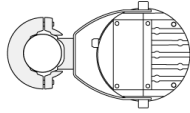
**Pole clamp PC - Rotatable**

Description	Part ID	D1	Weight (kg)
PC2 76-89/60 Pole clamp, double (Ø 76-89)	139-2703	76-89	1.00

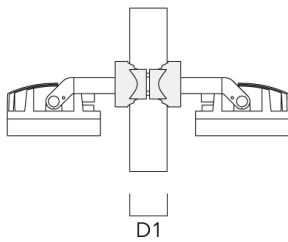
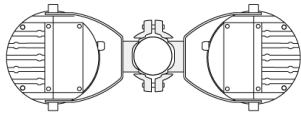


**FLC220 LED**

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

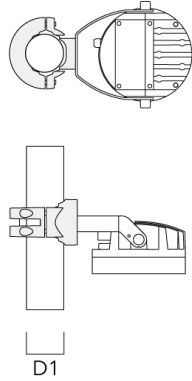


PC2 102-114/60 Pole clamp, double (Ø 102-114)	139-2707	102-114	1.20
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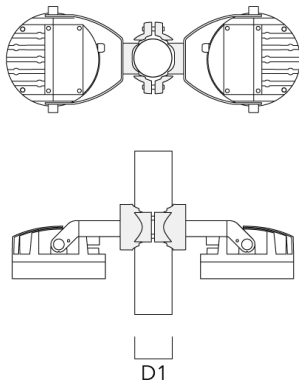


**FLC220 LED**

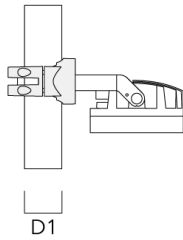
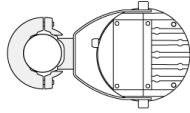
Description	Part ID	D1	Weight (kg)
PC1 102-114/60 Pole clamp, single (Ø 102-114)	139-2706	102-114	1.20



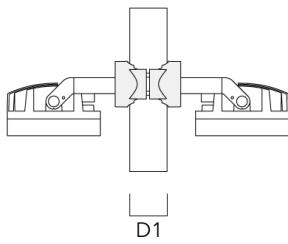
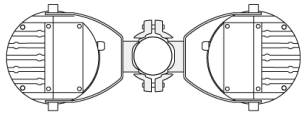
PC2 114-133/60 Pole clamp, double (Ø 114-133)	139-2709	114-133	1.40
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Description	Part ID	D1	Weight (kg)
PC1 114-133/60 Pole clamp, single (Ø 114-133)	139-2708	114-133	1.40



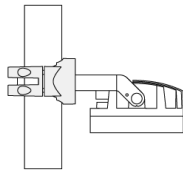
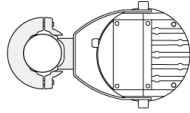
PC2 82-109/60 Pole camp, double (Ø 82-109)	139-2705	82-109	1.10
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Description	Part ID	D1	Weight (kg)
PC1 82-109/60 Pole camp, single (Ø 82-109)	139-2704	82-109	1.10

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D1

**Control****1-10 V analogue dimming interface**

Description	Part ID	C
1-10 V analogue dimming interface	430-0011	90

**R2C Ready to Connect**

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

**DALI interface**

Description	Part ID	Additional information
DALI interface	430-0013	DALI variant. The luminaire is equipped with a DT6 Dali driver (Dali 2.0).

## Dali 2.0

- Application controllers and Input devices defined
- Single-masters and multi-masters allowed
- Event priorities defined
- Separate addressing & grouping from control gear

Note: Mixing Dali 1 and Dali 2.0 drivers can cause problems because the addressing and the command scope has changed!

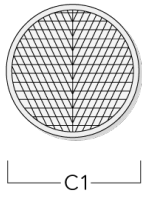
### Optical Accessories

#### Wallwash lens

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Description	Part ID	C1
Wallwash lens IO-20°	139-2035	146

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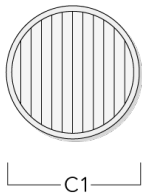
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#### Linear spread lens

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Description	Part ID	C1
IO-180-FLC220-LED	139-2036	146

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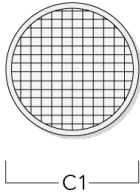


**Surface wash lens**

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Description	Part ID	C1
IO-360-FLC220-LED	139-2037	146

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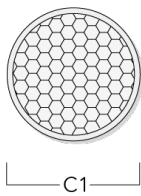
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**Honeycomb louvre**

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Description	Part ID	C1
IW-FLC220-LED	139-2034	138

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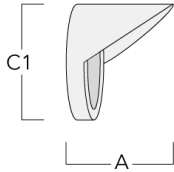


**Glare shield**

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Description	Part ID	A	C1
ES-FLC220-LED	139-1986	125	190

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**Snoot**

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Description	Part ID	A	C1
ET-FLC220-LED	139-1987	125	190

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