

Description

IP66. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection + primer including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter in thermally-separated compartment. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control.

Including terminal box, for mounting on ø 48-60 mm pipes or space frames.

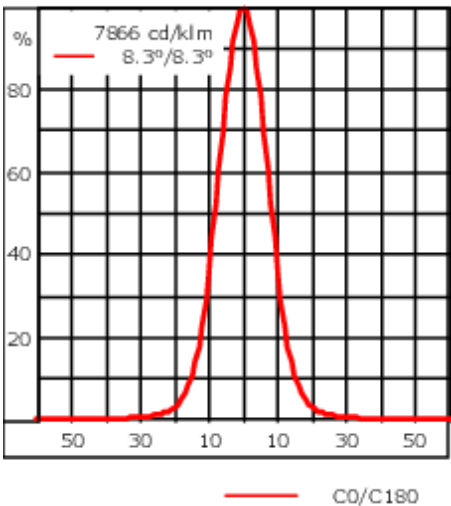
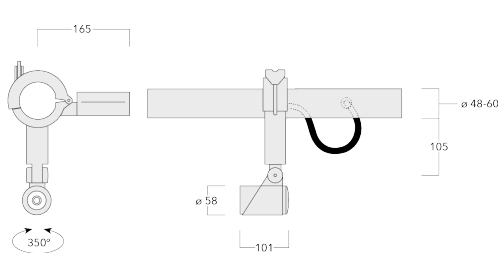
Mains voltage versions only, ON-OFF Class I or DALI interface available on request (converter in thermally-separated compartment); refer to accessory listings.

Weight	1.70 kg
Light distribution	symmetric, narrow beam [E]
Light source	LED-1/6W / 500 mA - 2700 K
CRI	80
Power supply	EC
LEDs	1
Rated input power	7.5 W

Rated lumens (lm)	
LED Lumen	567.7
Total Lumen	567.7
Ta	25

Nominal Lumen (lm)	
LED Lumen	670
Total Lumen	670
Tc	25

FLC301 Space frame



Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	<div><div></div> RAL9004 Signal black</div> <div><div></div> RAL9006 White aluminium</div> <div><div></div> RAL9007 Grey aluminium</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

Electrical description

Driver / Ballast	Integral EC electronic converter in thermally-separated compartment
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Additional information

Lifetime	Ta=25° L90B10 > 90000h
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**145-7291**

**FLC301 Space frame**

**we-ef**

## Control

### 1-10 V analogue dimming interface

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

### DALI interface

Description	Part ID	Additional information
DALI interface	430-0013	<p>DALI variant. The luminaire is equipped with a DT6 Dali driver (Dali 2.0).</p> <p>Dali 2.0</p> <ul style="list-style-type: none"><li>-Application controllers and Input devices defined</li><li>-Single-masters and multi-masters allowed</li><li>-Event priorities defined</li><li>-Separate addressing &amp; grouping from control gear</li></ul> <p>Note: Mixing Dali 1 and Dali 2.0 drivers can cause problems because the addressing and the command scope has changed!</p>

#### WE-EF LIGHTING Pty Ltd

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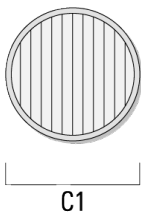
info.australia@we-ef.com - <https://we-ef.com/aus>

Subject to technical changes and errors. - Generated on 16/08/2025

Optical Accessories

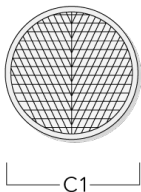
Linear spread lens

Description	Part ID	C1
Linear spread lens IO-180	145-7229	42.5



Wallwash lens

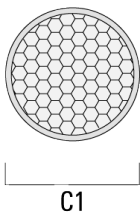
Description	Part ID	C1
Wallwash lens IO-20	145-7230	42.5



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Honeycomb louvre

Description	Part ID	C1
Honeycomb louvre IW	145-7231	42.5



Glare shield

Description	Part ID	A	C1
Glare shield ES	145-7232	20.5	58



FLC301 Space frame

Snoot

Description	Part ID	A	C1
Snoot ET	145-7233	22.5	58

