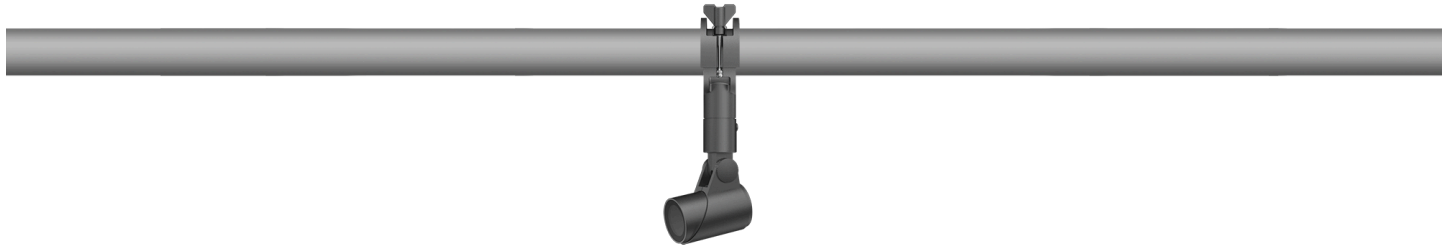


## FLC301 Space frame

**Description**

IP66. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection 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.

Mains voltage versions, ON-OFF Class I (only 4W). 1-10 V analogue dimming or DALI interface available on request; refer to accessory listings.

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

Optical accessories are factory-installed. To be specified at time of ordering.

Weight	1.70 kg
Light distribution	wallwash
Light source	LED-1/4W / 350 mA - 2700 K
CRI	80
Power supply	EC
LEDs	1
Rated input power	5 W
<b>Nominal Lumen (lm)</b>	
LED Lumen	490
Total Lumen	490
Tj	85
<b>Rated lumens (lm)</b>	
LED Lumen	331.7
Total Lumen	331.7
Ta	25

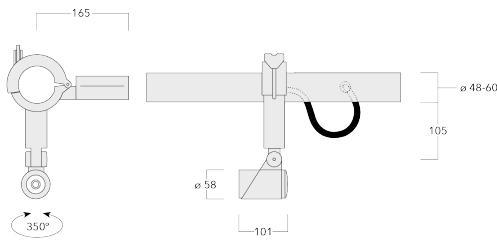
**WE-EF LIGHTING (Thailand) Co., Ltd.**

57 Moo 5, Kingkaew Rd., Bangplee, 10540 Samutprakarn - Phone: +66 2 738 96 20 - Fax: +66 2 738 96 29

<https://we-ef.com/asia>

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

**FLC301 Space frame**



**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> <span>RAL9004 Signal black</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: #808080; margin-right: 5px;"></div> <span>RAL9007 Grey aluminium</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: #404040; margin-right: 5px;"></div> <span>RAL7016 Anthracite grey</span> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: #e0e0e0; margin-right: 5px;"></div> <span>RAL9016 Traffic white</span> </div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE

**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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**FLC301 Space frame****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>

**FLC301 Space frame**

**Optical Accessories**

**Linear spread lens**

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

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**Wallwash lens**

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

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**FLC301 Space frame**

**Honeycomb louvre**

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Description	Part ID	C1
Honeycomb louvre IW	145-7231	42.5

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**Glare shield**

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

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**FLC301 Space frame**

**Snoot**

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

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