

### 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.

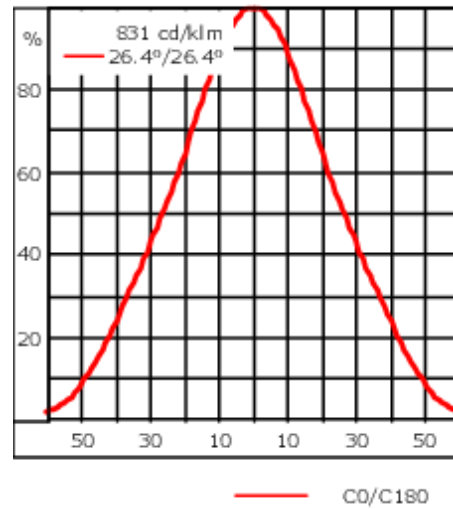
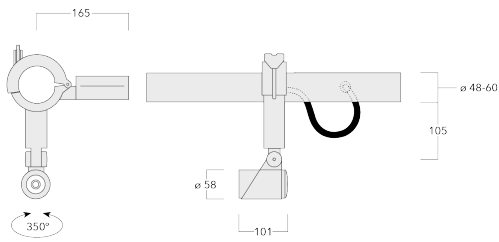
Integral EC electronic converter in thermally-separated compartment. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control.

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

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

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

|                           |                            |
|---------------------------|----------------------------|
| Weight                    | 1.70 kg                    |
| Light distribution        | symmetric, wide beam [B]   |
| Light source              | LED-1/4W / 350 mA - 4000 K |
| CRI                       | 80                         |
| Power supply              | EC                         |
| LEDs                      | 1                          |
| Rated input power         | 5 W                        |
| <b>Rated lumens (lm)</b>  |                            |
| LED Lumen                 | 410.1                      |
| Total Lumen               | 410.1                      |
| Ta                        | 25                         |
| <b>Nominal Lumen (lm)</b> |                            |
| LED Lumen                 | 530                        |
| Total Lumen               | 530                        |
| Tc                        | 25                         |



## Specifications

### Material description

|                      |  |
|----------------------|--|
| Body                 | Marine-grade, die-cast aluminium alloy   |
| Lens                 | Safety glass lens  |
| Colours              | <div style="display: flex; flex-direction: column; gap: 5px;"> <div><span style="display: inline-block; width: 20px; height: 10px; background-color: black; margin-right: 5px;"></span> RAL9004 Signal black</div> <div><span style="display: inline-block; width: 20px; height: 10px; background-color: #cccccc; margin-right: 5px;"></span> RAL9006 White aluminium</div> <div><span style="display: inline-block; width: 20px; height: 10px; background-color: #808080; margin-right: 5px;"></span> RAL9007 Grey aluminium</div> <div><span style="display: inline-block; width: 20px; height: 10px; background-color: #333333; margin-right: 5px;"></span> RAL7016 Anthracite grey</div> <div><span style="display: inline-block; width: 20px; height: 10px; background-color: #e0e0e0; margin-right: 5px;"></span> RAL9016 Traffic white</div> </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 |
|------------------|---|

### Additional information

|                         |                        |
|-------------------------|------------------------|
| Lifetime                | Ta=25° L90B10 > 90000h |
| Energy efficiency class | D-E (Light source)     |

145-7272

FLC301 Space frame

**we-ef**

## Optical Accessories

### Linear spread lens

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



### Wallwash lens

| Description         | Part ID  | C1   |
|---------------------|----------|------|
| IO-20-WW-FLC301-LED | 145-7230 | 42.5 |



**Fagerhult Lighting Ltd**

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

Subject to technical changes and errors. - Generated on 23/11/2024

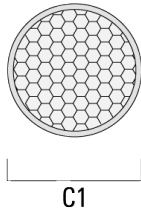
**FLC301 Space frame**

**Honeycomb louvre**

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| Description         | Part ID  | C1   |
|---------------------|----------|------|
| Honeycomb louvre IW | 145-7231 | 42.5 |

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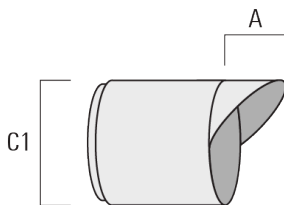
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**Glare shield**

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

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145-7272

FLC301 Space frame

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**Snoot**

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

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