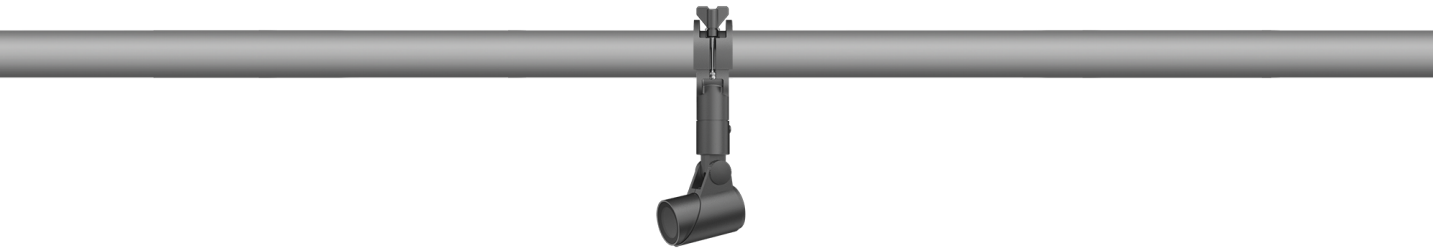


FLC301 Space frame



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 ø 48-60 mm pipes or space frames.

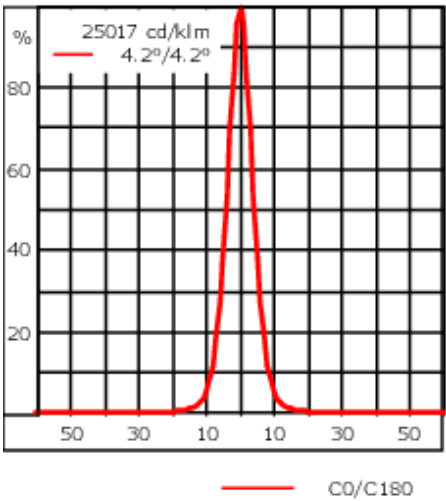
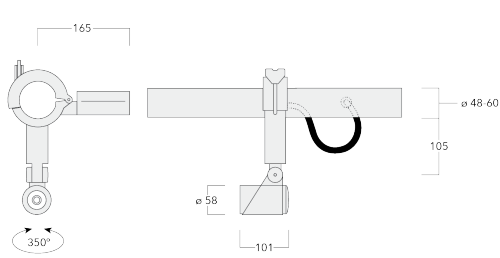
Optical accessories are factory-installed. To be specified at time of ordering.

|                    |                                                  |
|--------------------|--------------------------------------------------|
| Weight             | 1.70 kg                                          |
| Light distribution | symmetric, very narrow beam, sharp cut-off [EES] |
| Light source       | LED-1/4W / 350 mA - 4000 K                       |
| CRI                | 80                                               |
| Power supply       | EC                                               |
| LEDs               | 1                                                |
| Rated input power  | 5 W                                              |

|                    |     |
|--------------------|-----|
| Nominal Lumen (lm) |     |
| LED Lumen          | 490 |
| Total Lumen        | 490 |
| Tj                 | 85  |

|                   |       |
|-------------------|-------|
| Rated lumens (lm) |       |
| LED Lumen         | 411.6 |
| Total Lumen       | 411.6 |
| Ta                | 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> RAL9007 Grey aluminium</div> <div><div></div> RAL7016 Anthracite grey</div> <div><div></div> RAL9016 Traffic white</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 |
|----------|------------------------|

## Control

### 1-10 V analogue dimming interface

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

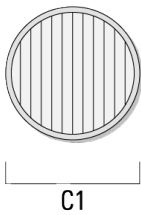
### DALI interface

| 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> |

Optical Accessories

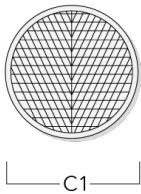
Linear spread lens

| 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 |



FLC301 Space frame

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 |

