

FLC131 LED Space frame



Description

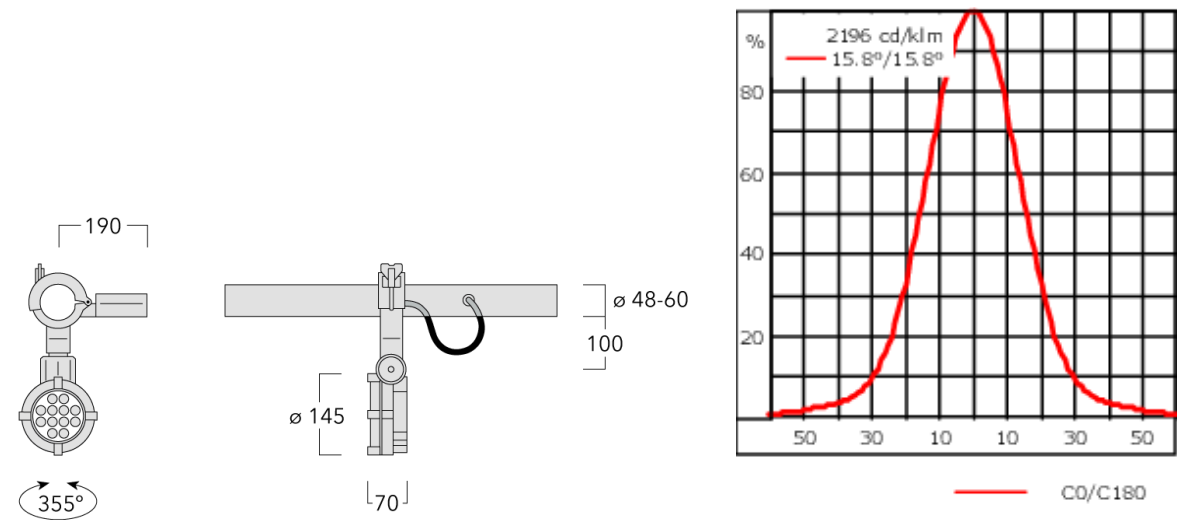
IP66, Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket.

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. OLC® One LED Concept.

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

|                    |                              |
|--------------------|------------------------------|
| Weight             | 2.80 kg                      |
| Light distribution | symmetric, medium beam [M]   |
| Light source       | LED-12/24W / 700 mA - 2700 K |
| CRI                | 80                           |
| Power supply       | EC                           |
| LEDs               | 12                           |
| Rated input power  | 27 W                         |
| Nominal Lumen (lm) |                              |
| LED Lumen          | 270                          |
| Total Lumen        | 3240                         |
| Tj                 | 85                           |
| Rated lumens (lm)  |                              |
| LED Lumen          | 232.7                        |
| Total Lumen        | 2791.8                       |
| Ta                 | 25                           |

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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

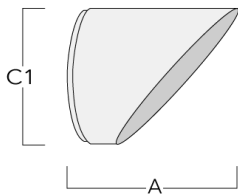
|                  |                                                                     |
|------------------|---------------------------------------------------------------------|
| Driver / Ballast | Integral EC electronic converter in thermally-separated compartment |
|------------------|---------------------------------------------------------------------|

Additional information

Optical Accessories

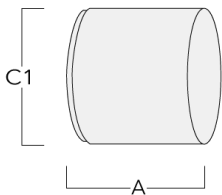
Glare shield

| Description     | Part ID  | A   | C1  |
|-----------------|----------|-----|-----|
| Glare shield ES | 146-0156 | 110 | 100 |



Snoot

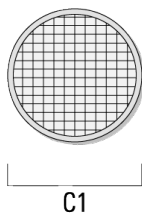
| Description | Part ID  | A    | C1  |
|-------------|----------|------|-----|
| Snoot ET    | 146-0397 | 95,5 | 126 |



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Flood lens

| Description       | Part ID  | C1  |
|-------------------|----------|-----|
| Flood lens IO-360 | 146-0419 | 110 |



Linear louvre

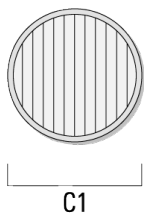
| Description      | Part ID  | C1  |
|------------------|----------|-----|
| Linear louvre IL | 146-9055 | 110 |



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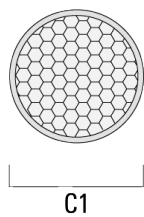
Linear spread lens

| Description               | Part ID  | C1  |
|---------------------------|----------|-----|
| Linear spread lens IO-180 | 146-0418 | 110 |



Honeycomb louvre

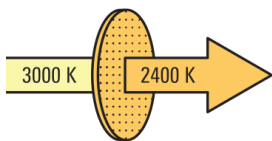
| Description         | Part ID  | C1  |
|---------------------|----------|-----|
| Honeycomb louvre IW | 146-0625 | 110 |



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Colour correction filter

| Description      | Part ID  |
|------------------|----------|
| IF-3000K > 2400K | 146-9054 |



## 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> |