



Description

IP66. IK08. 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. 1-10 V analogue dimming or DALI interface available on request; refer to accessory listings.

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

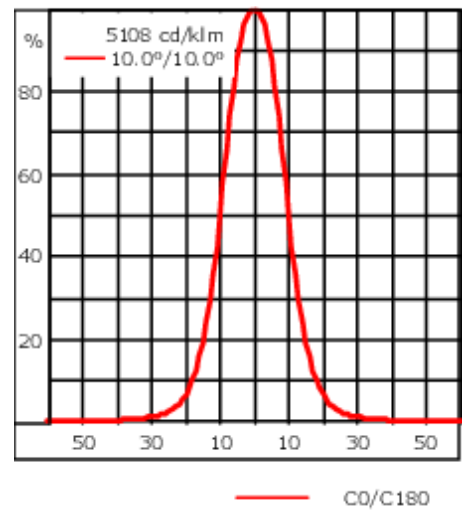
Including terminal box, for mounting on ø 48-60 mm pipes or space frames.

|                    |                                  |
|--------------------|----------------------------------|
| Weight             | 2.50 kg                          |
| Light distribution | symmetric, very narrow beam [EE] |
| Light source       | LED-3/9W / 250 mA - 3000 K       |
| CRI                | 80                               |
| Power supply       | EC                               |
| LEDs               | 3                                |
| Rated input power  | 11 W                             |

|                    |      |
|--------------------|------|
| Nominal Lumen (lm) |      |
| LED Lumen          | 365  |
| Total Lumen        | 1095 |
| Tj                 | 85   |

|                   |       |
|-------------------|-------|
| Rated lumens (lm) |       |
| LED Lumen         | 283.2 |
| Total Lumen       | 849.6 |
| Ta                | 25    |

FLC311 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> <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    | IK08   |
| Corrosion resistance | 5CE  |
| Windage              | 0.045 m²   |

Electrical description

|                  |      |
|------------------|------|
| Driver / Ballast | DALI |
|------------------|------|

Additional information

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

**145-7766**

**FLC311 Space frame**

**we-ef**

## **Control**

### **Eco Step Dim® Advanced**

| Description                | Part ID  |
|----------------------------|----------|
| Eco Step Dim® Advanced LED | 430-0002 |

### **0-10 V, 24VDC low voltage version**

| Description                       | Part ID |
|-----------------------------------|---------|
| 24VDC low voltage version, 0-10 V | 0033    |

#### **WE-EF LEUCHTEN GmbH**

Töpinger Straße 16, 29646 Bispingen, Germany - Phone: +49 5194 909-0  
info@we-ef.com - <https://we-ef.com>

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

Optical Accessories

Flood lens

| Description            | Part ID  | C1 |
|------------------------|----------|----|
| IO-360-FLC311 for [EE] | 145-7786 | 59 |



|                         |          |    |
|-------------------------|----------|----|
| IO-360-FLC311 for [EES] | 145-7780 | 59 |
|-------------------------|----------|----|



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Linear spread lens

| Description   | Part ID  | C1 |
|---------------|----------|----|
| IO-180-FLC311 | 145-7781 | 59 |



Wallwash lens

| Description  | Part ID  | C1 |
|--------------|----------|----|
| IO-20-FLC311 | 145-7782 | 59 |



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Honeycomb louvre

| Description | Part ID  | C1 |
|-------------|----------|----|
| IW-FLC311   | 145-7783 | 59 |



Glare shield

| Description | Part ID  | A  | C1 |
|-------------|----------|----|----|
| ES-FLC311   | 145-7784 | 34 | 85 |



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Snoot

| Description | Part ID  | A  | C1 |
|-------------|----------|----|----|
| ET-FLC311   | 145-7785 | 34 | 85 |

