

145-0318

FLD131 LED

**we-ef**



### Description

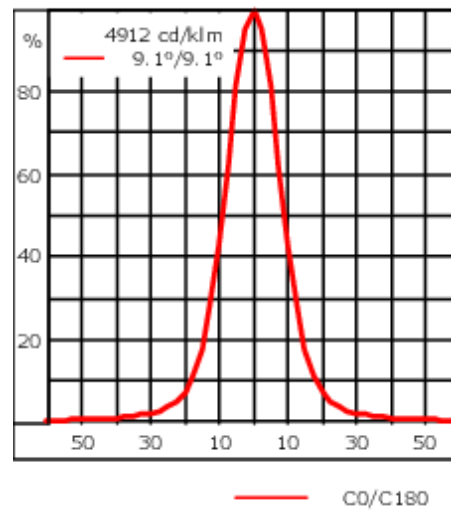
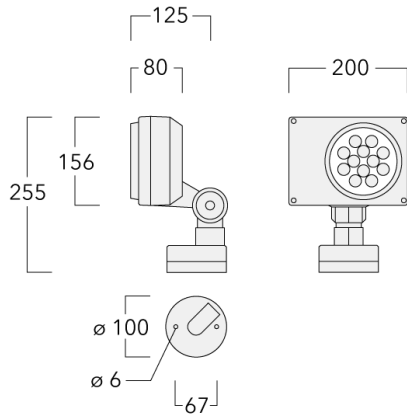
IP66, Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens. Integral EC electronic converter in thermally separated compartment. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during the installation. Optional 2200 K version available. To be specified at time of ordering.

|                           |                                  |
|---------------------------|----------------------------------|
| Weight                    | 2.70 kg                          |
| Light distribution        | symmetric, very narrow beam [EE] |
| Light source              | LED-12/24W / 700 mA - 2700 K     |
| CRI                       | 80                               |
| Power supply              | EC                               |
| LEDs                      | 12                               |
| Rated input power         | 27 W                             |
| <b>Nominal Lumen (lm)</b> |                                  |
| LED Lumen                 | 270                              |
| Total Lumen               | 3240                             |
| T <sub>j</sub>            | 85                               |
| <b>Rated lumens (lm)</b>  |                                  |
| LED Lumen                 | 214.2                            |
| Total Lumen               | 2570.2                           |
| T <sub>a</sub>            | 25                               |

### WE-EF LEUCHTEN GmbH

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

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## 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; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #cccccc; margin-right: 5px;"></div> <span>RAL9006 White aluminium</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <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; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #333333; margin-right: 5px;"></div> <span>RAL7016 Anthracite grey</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <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 Polymer Coated Stainless Steel Hardware  |
| Ingress protection   | IP66   |
| Impact resistance    | IK07   |
| Corrosion resistance | 5CE  |

### Electrical description

|                  |                                  |
|------------------|----------------------------------|
| Power supply     | 220-240V / 50-60 Hz              |
| Driver / Ballast | Integral EC electronic converter |
| Surge protection | 1/2 kV                           |

### Additional information

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

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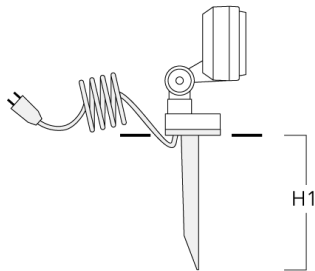
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## Mounting Accessories

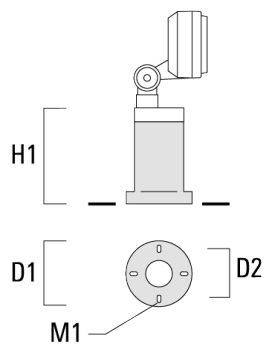
### Ground spike EF

| Description                      | Part ID  | H1  | Weight (kg) |
|----------------------------------|----------|-----|-------------|
| Ground spike EF1-2/M5 for FLD100 | 145-9196 | 270 | 1.00        |



### Short post EM

| Description         | Part ID  | D1  | D2  | H1  | M1 | Weight (kg) |
|---------------------|----------|-----|-----|-----|----|-------------|
| Short post EM1-2/M5 | 145-9200 | 160 | 130 | 200 | 9  | 1.10        |



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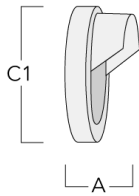
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## Optical Accessories

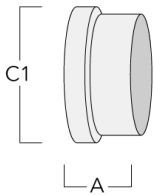
### Glare shield

| Description     | Part ID  | A  | C1  |
|-----------------|----------|----|-----|
| Glare shield ES | 145-9571 | 70 | 134 |



### Snoot

| Description | Part ID  | A  | C1  |
|-------------|----------|----|-----|
| Snoot ET    | 145-9572 | 70 | 134 |

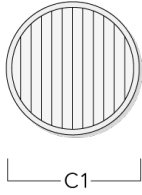


**Linear spread lens**

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| Description       | Part ID  | C1  |
|-------------------|----------|-----|
| IO-180-FLD131-LED | 145-9575 | 125 |

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**Flood lens**

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| Description       | Part ID  | C1  |
|-------------------|----------|-----|
| IO-360-FLD131-LED | 145-9576 | 125 |

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