

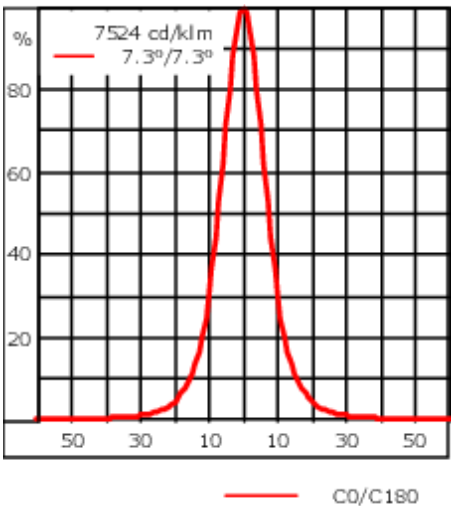
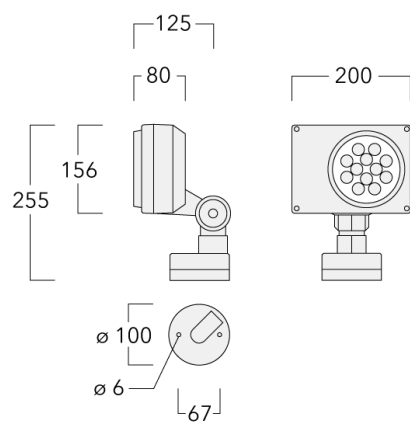


Description

IP66, Class I. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection + primer 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.

2700 K option available on request. 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 - 4000 K |
| CRI | 80 |
| Power supply | EC |
| LEDs | 12 |
| Rated input power | 27 W |
| Nominal Lumen (lm) | |
| LED Lumen | 310 |
| Total Lumen | 3720 |
| Tj | 85 |
| Rated lumens (lm) | |
| LED Lumen | 248.3 |
| Total Lumen | 2979.1 |
| Ta | 25 |



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> |
| Gasket | Silicone CCG® Controlled Compression Gasket |
| Fasteners | PCS Polymer Coated Stainless Steel Hardware (unpainted) |
| Ingress protection | IP66 |
| Impact resistance | IK07 |
| Corrosion resistance | 5CE+Primer |

Electrical description

| | |
|------------------|---|
| Power supply | 230V / 50 Hz |
| Driver / Ballast | Integral EC electronic converter in thermally-separated compartment |

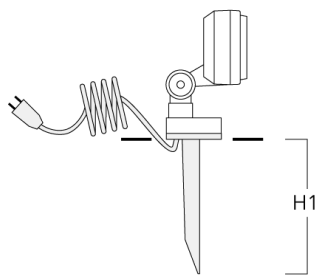
Additional information

| | |
|----------|--|
| Lifetime | Ta=40° L90B10 > 90000h |
| Warranty | The product is supplied with 10-year warranty. Please refer to the LED Warranty Statement located on www.we-ef.com for further details. |

Mounting Accessories

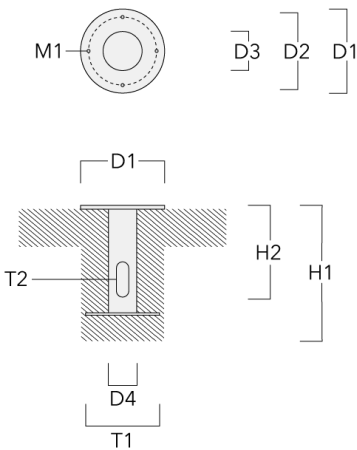
Ground spike EF

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



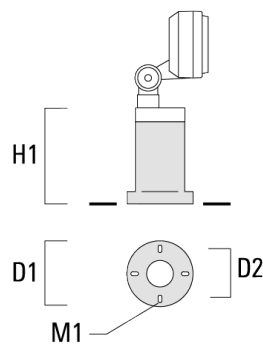
Planted root

| Description | Part ID | D1 | D2 | D3 | D4 | H1 | H2 | M1 | T1 | T2 | Weight (kg) |
|-------------------|-------------|-----|-----|----|-----|-----|-----|----|-----|----------|-------------|
| Planted root ESV4 | 300-0464-AP | 220 | 190 | 60 | 102 | 400 | 350 | 8 | 200 | 50 x 100 | 5.50 |



Short post EM

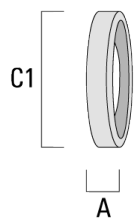
| Description | Part ID | D1 | D2 | H1 | M1 | Weight (kg) |
|---------------------|----------|-----|-----|-----|----|-------------|
| Short post EM1-2/M5 | 145-9200 | 160 | 130 | 200 | 9 | 1.10 |



Optical Accessories

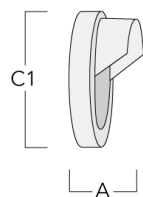
Optical Adaptor

| Description | Part ID | A | C1 |
|-----------------------------|----------|----|-----|
| External optical adaptor EA | 145-9570 | 70 | 134 |



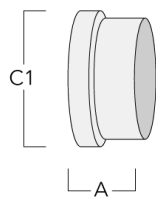
Glare shield

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



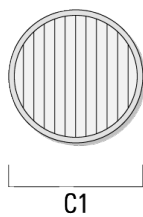
Snoot

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



Linear spread lens

| Description | Part ID | C1 |
|-------------------|----------|-----|
| EO-180-FLD131-LED | 145-9573 | 130 |



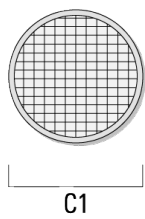
145-9553

FLD131 LED



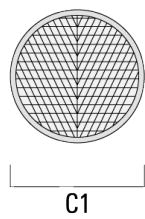
Surface wash lens

| Description | Part ID | C1 |
|-------------------|----------|-----|
| EO-360-FLD131-LED | 145-9574 | 130 |



Wallwash lens

| Description | Part ID | C1 |
|---------------------|----------|-----|
| Wallwash lens IO-20 | 145-9577 | 125 |



145-9553

FLD131 LED

we-ef

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">-Application controllers and Input devices defined-Single-masters and multi-masters allowed-Event priorities defined-Separate addressing & grouping from control gear <p>Note: Mixing Dali 1 and Dali 2.0 drivers can cause problems because the addressing and the command scope has changed!</p> |

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Subject to technical changes and errors. - Generated on 08/09/2025