

145-7641

FLC311 Surface mounted

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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. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. One cable entry.

Mains voltage versions, ON-OFF Class I. 1-10 V analogue dimming or DALI interface available on request; refer to accessory listings.

24VDC low voltage versions, 0-10 V Class III.

Remote 24VDC power supply to be ordered separately.

| | |
|--------------------|-----------------------------|
| Weight | 2.20 kg |
| Light distribution | symmetric, wide beam [B] |
| Light source | LED-3/12W / 350 mA - 3000 K |
| CRI | 80 |
| Power supply | EC |
| LEDs | 3 |
| Rated input power | 13.9 W |

Nominal Lumen (lm)

| | |
|-------------|------|
| LED Lumen | 490 |
| Total Lumen | 1470 |
| Tj | 85 |

Rated lumens (lm)

| | |
|-------------|--------|
| LED Lumen | 374 |
| Total Lumen | 1122.1 |
| Ta | 25 |

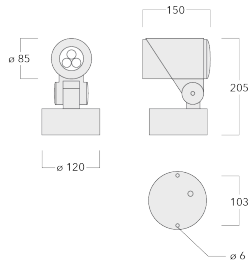
WE-EF LIGHTING (Thailand) Co., Ltd.

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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> RAL9004 Signal black </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: grey; margin-right: 5px;"></div> RAL9007 Grey aluminium </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: darkgrey; margin-right: 5px;"></div> RAL7016 Anthracite grey </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: lightgrey; margin-right: 5px;"></div> RAL9016 Traffic white </div> |
| Gasket | Silicone CCG® Controlled Compression Gasket |
| Fasteners | PCS hardware |
| Ingress protection | IP66 |
| Impact resistance | IK08 |
| Corrosion resistance | 5CE |
| Windage | 0.025 m ² |

Electrical description

| | |
|------------------|--|
| Driver / Ballast | Integral EC electronic converter (mains voltage). Integral ED electronic driver (24VDC low voltage). |
| Power factor | >0.9 |

Additional information

| | |
|----------|-------------------------------------|
| Lifetime | T _a =25° L90B10 > 90000h |
|----------|-------------------------------------|

Mounting Accessories

Planted root

| Description | Part ID | D1 | D2 | D3 | D4 | H1 | H2 | M1 | T1 | T2 | Weight (kg) |
|-------------------|-------------|-----|-----|----|----|-----|-----|----|-----|----------|-------------|
| Planted root ESV4 | 300-0461-AP | 150 | 130 | 60 | 89 | 400 | 350 | 8 | 200 | 50 x 100 | 3.85 |



Short post

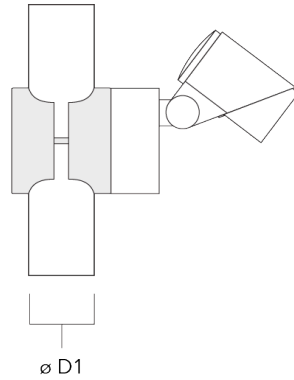
| Description | Part ID | A | B | C1 | D1 | Weight (kg) |
|-------------------------------|----------|----|-----|-----|-----|-------------|
| Short post EM1 for FLC311/321 | 146-7169 | 26 | 200 | 120 | 160 | 1.80 |



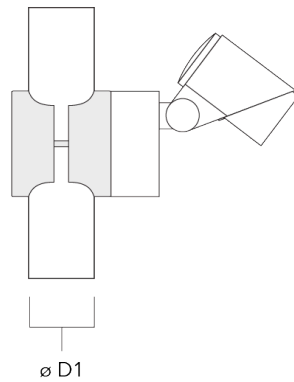
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Pole clamp SP - Tiltable

| Description | Part ID | D1 | Weight (kg) |
|-------------------------------------|----------|-------|-------------|
| Pole clamp SP1-M5, single (Ø 38-60) | 146-7201 | 38-60 | 1.20 |



| | | | |
|-------------------------------------|----------|-------|------|
| Pole clamp SP1-M5, single (Ø 76-89) | 146-7202 | 76-89 | 1.10 |
|-------------------------------------|----------|-------|------|

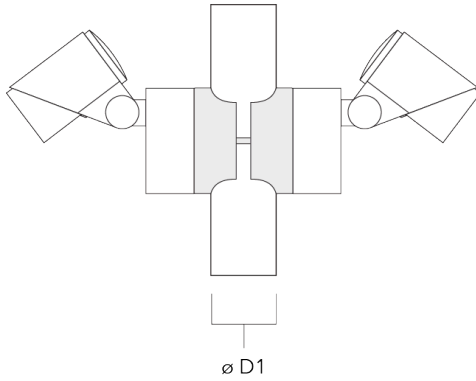


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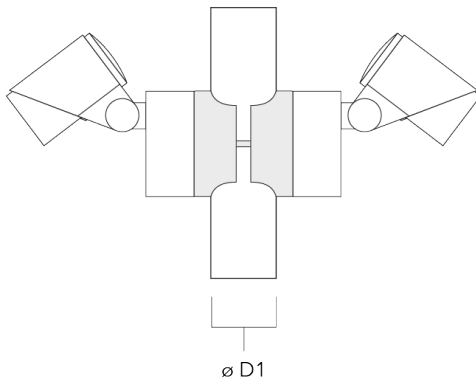
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| Description | Part ID | D1 | Weight (kg) |
|-------------------------------------|----------|-------|-------------|
| Pole clamp SP2-M5, single (Ø 38-60) | 146-7203 | 38-60 | 1.30 |



| | | | |
|-------------------------------------|----------|-------|------|
| Pole clamp SP2-M5, single (Ø 76-89) | 146-7204 | 76-89 | 1.20 |
|-------------------------------------|----------|-------|------|



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Control

1-10 V analogue dimming interface

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

0-10 V, 24VDC low voltage version

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

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