

FLC311 Surface mounted



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: DALI interface Class I.

24VDC low voltage versions: ON-OFF Class III.

Remote 24VDC power supply to be ordered separately.

|                    |                                      |
|--------------------|--------------------------------------|
| Weight             | 2.20 kg                              |
| Light distribution | linear spread, very narrow beam [EE] |
| Light source       | LED-3/12W / 350 mA - 2700 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         | 338.7  |
| Total Lumen       | 1016.1 |
| 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> RAL9006 White aluminium</div> <div><div></div> RAL9007 Grey aluminium</div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket                                                                                              |
| Fasteners            | PCS hardware                                                                                                                             |
| Ingress protection   | IP66                                                                                                                                     |
| Impact resistance    | IK08                                                                                                                                     |
| Corrosion resistance | 5CE                                                                                                                                      |
| Windage              | 0.025 m <sup>2</sup>                                                                                                                     |

Electrical description

|                  |      |
|------------------|------|
| Driver / Ballast | DALI |
| Power factor     | >0.9 |

Additional information

|          |                        |
|----------|------------------------|
| Lifetime | Ta=40° L90B10 > 90000h |
|----------|------------------------|

## Control

### Eco Step Dim® Advanced

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

### 1-10 V analogue dimming interface

| Description                       | Part ID  | C  |
|-----------------------------------|----------|----|
| 1-10 V analogue dimming interface | 430-0011 | 90 |

### DALI interface

| Description                | Part ID |
|----------------------------|---------|
| Low voltage DALI interface | 0026    |

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

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

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 EM

| 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

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



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



Optical Accessories

Surface wash lens

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



|                             |          |    |
|-----------------------------|----------|----|
| Flood lens IO-360 for [EES] | 145-7780 | 59 |
|-----------------------------|----------|----|



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Linear spread lens

| Description               | Part ID  | C1 |
|---------------------------|----------|----|
| Linear spread lens IO-180 | 145-7781 | 59 |



Wallwash lens

| Description         | Part ID  | C1 |
|---------------------|----------|----|
| Wallwash lens IO-20 | 145-7782 | 59 |



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Honeycomb louvre

| Description         | Part ID  | C1 |
|---------------------|----------|----|
| Honeycomb louvre IW | 145-7783 | 59 |



Glare shield

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



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Snoot

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

