

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. 1-10 V analogue dimming available on request; refer to accessory listings.

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

24VDC low voltage versions, 0-10 V analogue dimming (only 6-9W available) or DALI interface Class III available on request.

Remote 24VDC power supply to be ordered separately.

|                    |                                                  |
|--------------------|--------------------------------------------------|
| Weight             | 2.20 kg                                          |
| Light distribution | symmetric, very narrow beam, sharp cut-off [EES] |
| Light source       | LED-3/6W / 180 mA - 4000 K                       |
| CRI                | 80                                               |
| Power supply       | EC                                               |
| LEDs               | 3                                                |
| Rated input power  | 7.5 W                                            |

|                    |     |
|--------------------|-----|
| Nominal Lumen (lm) |     |
| LED Lumen          | 260 |
| Total Lumen        | 780 |
| Tj                 | 85  |

|                   |       |
|-------------------|-------|
| Rated lumens (lm) |       |
| LED Lumen         | 218.9 |
| Total Lumen       | 656.8 |
| Ta                | 25    |

FLC311 Surface mounted



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> 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              | 0.025 m <sup>2</sup>                                                                                                                                                                  |

Electrical description

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

Additional information

|          |                        |
|----------|------------------------|
| Lifetime | Ta=25° L90B10 > 90000h |
|----------|------------------------|

**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 |
|----------------------------|---------|
| 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

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



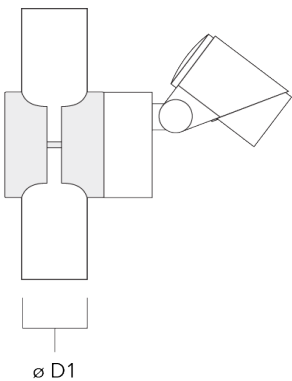
FLC311 Surface mounted

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 |
|-------------------------------------|----------|-------|------|



FLC311 Surface mounted

| 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 |
|-------------------------------------|----------|-------|------|



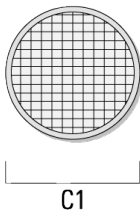
Optical Accessories

Flood lens

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



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



FLC311 Surface mounted

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 |



FLC311 Surface mounted

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 |



FLC311 Surface mounted

Snoot

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

