

FLC321 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.

24VDC low voltage versions, 0-10 V analogue dimming (only 12-18W available) or DALI interface Class III available on request.

Remote 24VDC power supply to be ordered separately.

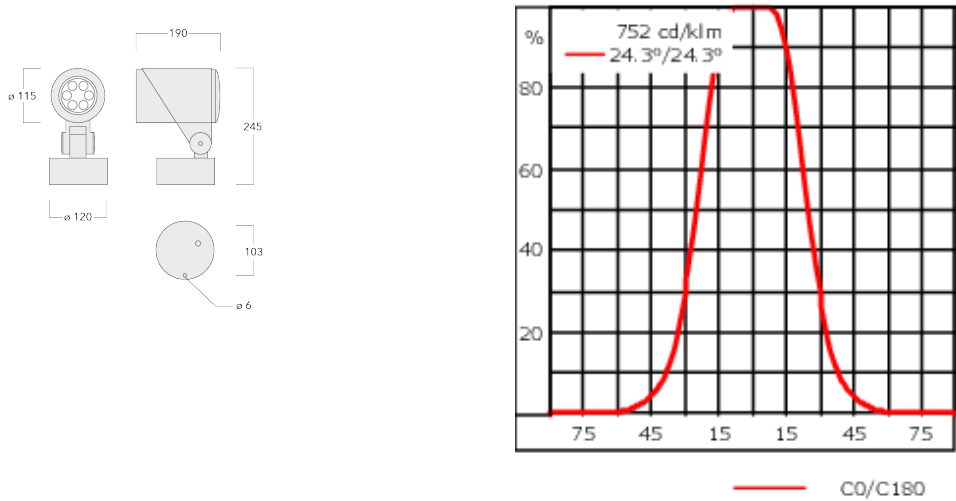
Optical accessories are factory-installed. To be specified at time of ordering.

|                    |                             |
|--------------------|-----------------------------|
| Weight             | 3.10 kg                     |
| Light distribution | symmetric, wide beam [B]    |
| Light source       | LED-6/26W / 1400 mA - 4000K |
| CRI                | 80                          |
| Power supply       | EC                          |
| LEDs               | 6                           |
| Rated input power  | 27 W                        |

|                    |      |
|--------------------|------|
| Nominal Lumen (lm) |      |
| LED Lumen          | 575  |
| Total Lumen        | 3450 |
| Tj                 | 85   |

|                   |      |
|-------------------|------|
| Rated lumens (lm) |      |
| LED Lumen         | 307  |
| Total Lumen       | 1842 |
| 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> 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              | 0.045 m <sup>2</sup>                                                                                                                                                                  |

Electrical description

|                  |                                                                                                       |
|------------------|-------------------------------------------------------------------------------------------------------|
| Driver / Ballast | Integral EC electronic converter (mains voltage). Integral LED 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    |

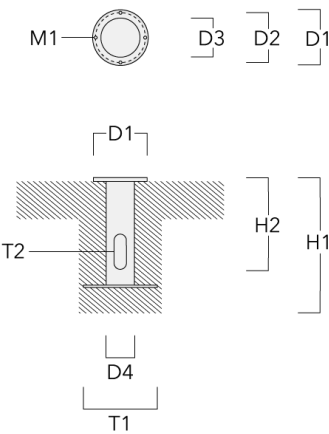
### 0-10 V, 24VDC low voltage version

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

Mounting Accessories

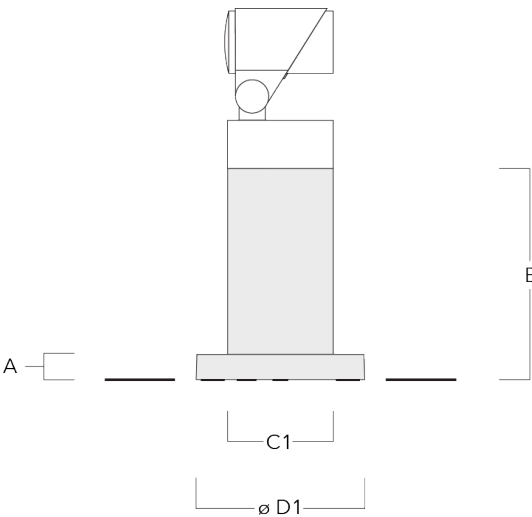
Planted root

| 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

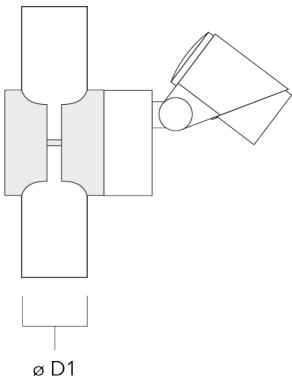
| Description                   | Part ID  | A  | B   | C1  | D1  | Weight (kg) |
|-------------------------------|----------|----|-----|-----|-----|-------------|
| Short post EM1 for FLC311/321 | 146-7169 | 26 | 200 | 120 | 160 | 1.80        |



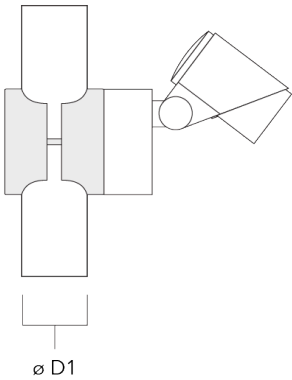
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Pole clamp SP - Tiltable

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

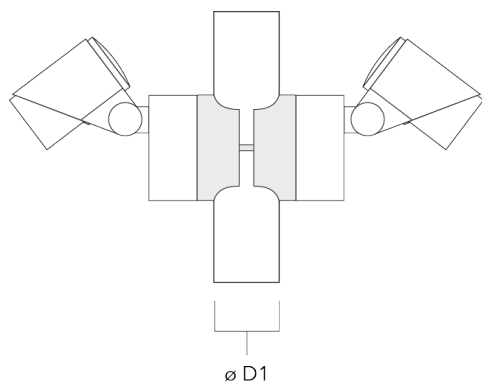


|                                     |          |       |      |
|-------------------------------------|----------|-------|------|
| Pole clamp SP1-M5, single (Ø 76-89) | 146-7202 | 76-89 | 1.10 |
|-------------------------------------|----------|-------|------|

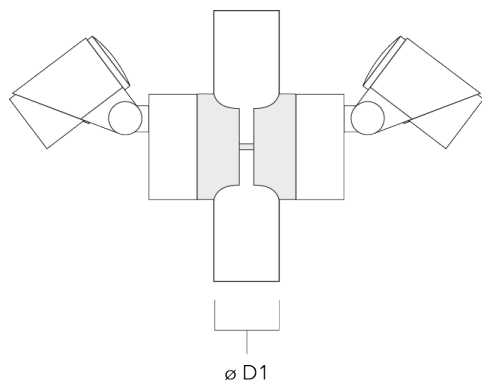


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| Description                         | Part ID  | D1    | Weight (kg) |
|-------------------------------------|----------|-------|-------------|
| Pole clamp SP2-M5, double (Ø 38-60) | 146-7203 | 38-60 | 1.30        |



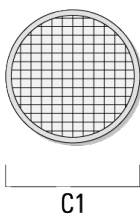
|                                     |          |       |      |
|-------------------------------------|----------|-------|------|
| Pole clamp SP2-M5, double (Ø 76-89) | 146-7204 | 76-89 | 1.20 |
|-------------------------------------|----------|-------|------|



Optical Accessories

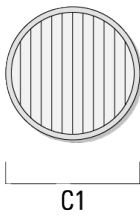
Flood lens

| Description       | Part ID  | C1 |
|-------------------|----------|----|
| Flood lens IO-360 | 145-9992 | 87 |



Linear spread lens

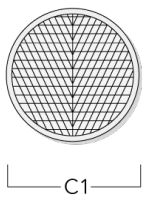
| Description               | Part ID  | C1 |
|---------------------------|----------|----|
| Linear spread lens IO-180 | 145-9991 | 87 |



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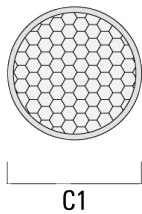
Wallwash lens

| Description         | Part ID  | C1 |
|---------------------|----------|----|
| Wallwash lens IO-20 | 145-9993 | 87 |



Honeycomb louvre

| Description         | Part ID  | C1 |
|---------------------|----------|----|
| Honeycomb louvre IW | 145-9994 | 87 |

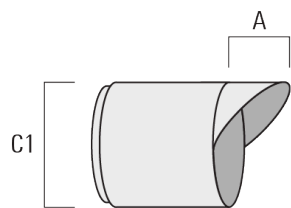




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Glare shield

| Description     | Part ID  | A  | C1  |
|-----------------|----------|----|-----|
| Glare shield ES | 145-9995 | 55 | 114 |



Snoot

| Description | Part ID  | A  | C1  |
|-------------|----------|----|-----|
| Snoot ET    | 145-9996 | 56 | 114 |

