

FLC321 Space frame



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.

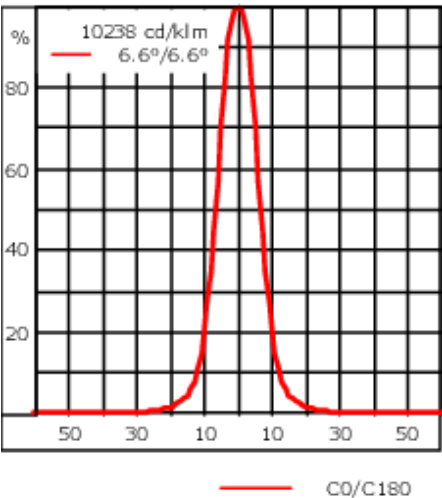
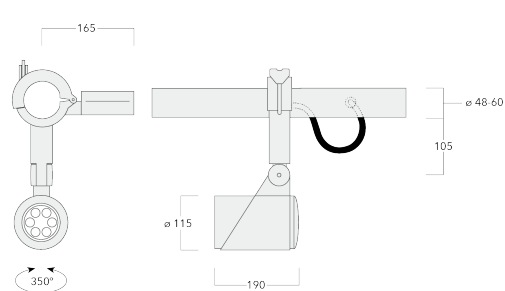
Integral EC electronic converter in thermally-separated compartment. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control.

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

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

Including terminal box, for mounting on ø 48-60 mm pipes or space frames.

|                    |                                                  |
|--------------------|--------------------------------------------------|
| Weight             | 4.30 kg                                          |
| Light distribution | symmetric, very narrow beam, sharp cut-off [EES] |
| Light source       | LED-6/26W / 1400 mA - 3000K                      |
| CRI                | 80                                               |
| Power supply       | EC                                               |
| LEDs               | 6                                                |
| Rated input power  | 27 W                                             |
| Nominal Lumen (lm) |                                                  |
| LED Lumen          | 550                                              |
| Total Lumen        | 3300                                             |
| Tj                 | 85                                               |
| Rated lumens (lm)  |                                                  |
| LED Lumen          | 408.9                                            |
| Total Lumen        | 2453.5                                           |
| 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> <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              | 0.065 m <sup>2</sup>                                                                                                                                                                                                                 |

Electrical description

|                  |      |
|------------------|------|
| Driver / Ballast | DALI |
|------------------|------|

Additional information

|                         |                        |
|-------------------------|------------------------|
| Lifetime                | Ta=25° L90B10 > 90000h |
| Energy efficiency class | C-D (Light source)     |

Control

0-10 V, 24VDC low voltage version

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

Optical Accessories

Flood lens

| Description   | Part ID  | C1 |
|---------------|----------|----|
| IO-360-FLC321 | 145-9992 | 87 |



Linear spread lens

| Description   | Part ID  | C1 |
|---------------|----------|----|
| IO-180-FLC321 | 145-9991 | 87 |



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Wallwash lens

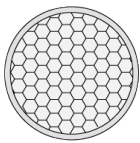
| Description  | Part ID  | C1 |
|--------------|----------|----|
| IO-20-FLC321 | 145-9993 | 87 |



C1

Honeycomb louvre

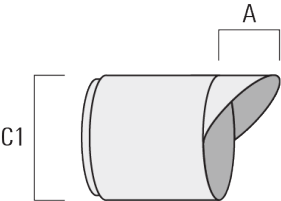
| Description         | Part ID  | C1 |
|---------------------|----------|----|
| Honeycomb louvre IW | 145-9994 | 87 |



C1

Glare shield

| Description | Part ID  | A  | C1  |
|-------------|----------|----|-----|
| ES-FLC321   | 145-9995 | 55 | 114 |



Snoot

| Description | Part ID  | A  | C1  |
|-------------|----------|----|-----|
| ET-FLC321   | 145-9996 | 56 | 114 |

