

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

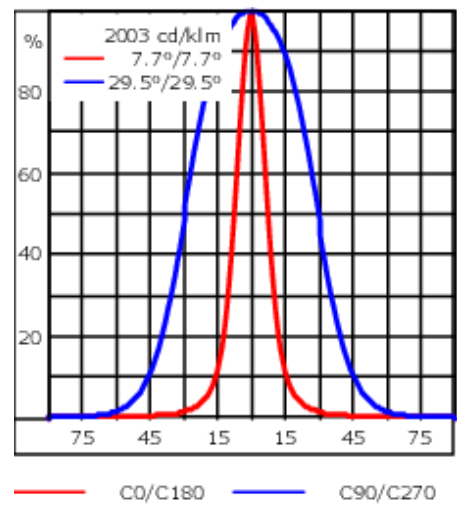
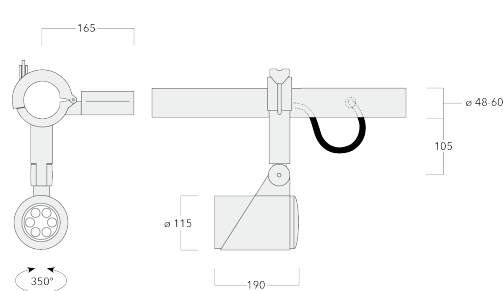
24VDC low voltage versions, 0-10 V analogue dimming (only 12-18W available) Class III available on request.

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

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

|                    |                                      |
|--------------------|--------------------------------------|
| Weight             | 3.70 kg                              |
| Light distribution | linear spread, very narrow beam [EE] |
| Light source       | LED-6/18W / 1050 mA - 2700 K         |
| CRI                | 80                                   |
| Power supply       | EC                                   |
| LEDs               | 6                                    |
| Rated input power  | 21 W                                 |
| Nominal Lumen (lm) |                                      |
| LED Lumen          | 375                                  |
| Total Lumen        | 2250                                 |
| Tj                 | 85                                   |
| Rated lumens (lm)  |                                      |
| LED Lumen          | 253.7                                |
| Total Lumen        | 1522.2                               |
| 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              | 0.065 m <sup>2</sup>                                                                                                                                                                  |

Electrical description

|                  |                                                                     |
|------------------|---------------------------------------------------------------------|
| Driver / Ballast | Integral EC electronic converter in thermally-separated compartment |
|------------------|---------------------------------------------------------------------|

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 |

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**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 |
|-------------------|----------|----|
| 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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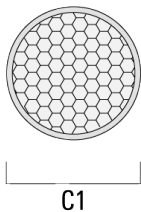
Wallwash lens

| 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 |

