

6525/2224-3501-6015-331 Art. No. 284538



- Checked and approved in accordance with Ex ec type of protection, so vapour tightness test is not applicable
- Stainless steel enclosure as standard for a long service life and safety even under harsh ambient conditions
- Extremely wide range of ambient temperatures – between -60 °C and +60 °C
- Robust design with IK10 and IP66
- Wide-range input with optional 100 V to 277 V
- DALI versions available for lighting control, monitoring and switching

Webshop 6525C



The revised generation of LED floodlights for Zone 2 now includes a version with Ex ec type of protection especially for the European market. This eliminates the time-consuming vapour tightness test. The wide-range input now also meets the electrical installation conditions for global use. With an optional DALI interface, the floodlight paves the way to a digital lighting solution. Its extremely low start-up current can also support existing installations, as the circuit breakers that are already installed do not need to be replaced.

Technical Data

Explosion Protection

| | |
|---------------------------------|---|
| Application range (Zones) | 2 21 22 |
| IECEX gas certificate | IECEX EPS 15.0032 |
| IECEX gas explosion protection | Ex db ec IIC T4 Gc |
| IECEX dust certificate | IECEX EPS 15.0032 |
| IECEX dust explosion protection | Ex tb op is IIIC T100 °C Db |
| ATEX gas certificate | EPS 15 ATEX 1 991 |
| ATEX gas explosion protection | ⊕ II 3 G Ex db ec IIC T4 Gc |
| ATEX dust certificate | EPS 15 ATEX 1 991 |
| ATEX dust explosion protection | ⊕ II 2 D Ex tb op is IIIC T100 °C Db |
| Certificates | ATEX (BVIS), IECEX (BVIS), India (PESO) |

Electrical Data

| | |
|-----------------------------------|-------------|
| Rated operational voltage AC | 110 – 277 V |
| AC max. rated operational voltage | 277 V |
| AC min. rated operational voltage | 110 V |
| Frequency range | 50 – 60 Hz |

Lighting Data

| | |
|--------------------|---------------|
| Lamp wattage | 160 W |
| Lamp type | LED |
| Lamp | LED |
| Light colour | Neutral white |
| Light distribution | Wide beam |
| Luminaire efficacy | 100 lm/W |
| Luminous flux | 15550 lm |
| Colour rendering | ≥ 80 |

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Lighting Data

| | |
|--------------------|--------|
| Colour temperature | 5000 K |
|--------------------|--------|

Ambient Conditions

| | |
|------------------------|-------------------|
| Ambient temperature °C | -60 °C ... +60 °C |
| Storage temperature °C | -40 °C ... +75 °C |

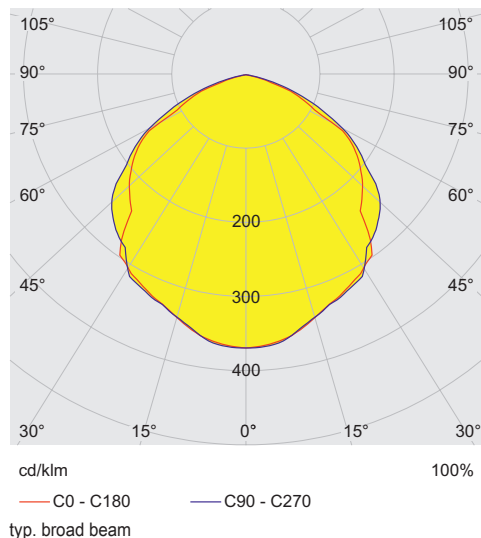
Mechanical Data

| | |
|---|---|
| Degree of protection (IP) | IP66 |
| Class | I |
| Enclosure material | Stainless steel 1.4301, Powder-coated Single-layer powder-coated |
| Enclosure color | Similar to RAL 9010 |
| Sealing material | Silicone |
| Pane material | Reinforced glass |
| Max. solid connection terminals | 6 mm ² |
| Max. finely stranded connection terminals | 4 mm ² |
| Type of connection cable | Finely stranded Solid |
| Width | 400 mm |
| Height | 84 mm |
| Length | 520 mm |
| Impact strength (IEC 62262) | IK10 |
| Fastening | With bracket, SS304 |
| Weight | 18 kg |
| Weight | 39.68 lb |

Components

| | |
|--------------------------|----------------------------|
| Drilled holes | 3 x M25 |
| Cable glands and entries | CMP-25A2F 1 x M25 x 1.5 |
| Material cable gland | Nickel-plated brass |
| Stopping plugs | 2 x M25 x 1.5 |
| Stopping plug material | Polyamide, black |


Light Distribution Curves

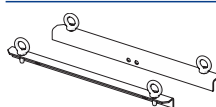
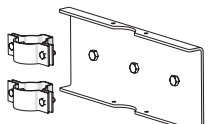


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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations

Accessories

| Mounting bracket | | Art. No. |
|--|---|-----------------|
|  | Stainless steel SS304 (1.4301 or V2A) without powder coating | 269731 |
| | Stainless steel SS316L (1.4404 or V4A) without powder coating | 221589 |

| Mounting set | | Art. No. |
|--|---|-----------------|
|  | for pendant mounting with ring bolts included - stainless steel SS316L (1.4404 or V4A) without powder coating | 257464 |
|  | for pole mounting with pole diameter of 50 mm - stainless steel SS316L (1.4404 or V4A) without powder coating | 283361 |
| | for pole mounting with pole diameter of 60 mm - stainless steel SS316L (1.4404 or V4A) without powder coating | 263824 |

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.