

6525/2121-5701-6021-331 Art. No. 282361



- 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

MY R. STAHL 6525C



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 nR IIC T5 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 | Ex II 3 G Ex nR IIC T5 Gc |
| ATEX dust certificate | EPS 15 ATEX 1 991 |
| ATEX dust explosion protection | Ex 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 |
| Frequency range | 50 – 60 Hz |

Lighting Data

| | |
|--------------------|-------------|
| Lamp wattage | 225 W |
| Lamp type | LED |
| Lamp | LED |
| Light colour | Cool white |
| Light distribution | Narrow-beam |
| Luminaire efficacy | 111 lm/W |
| Luminous flux | 24562 lm |
| Colour rendering | ≥ 70 |
| Colour temperature | 5700 K |

Ambient Conditions

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

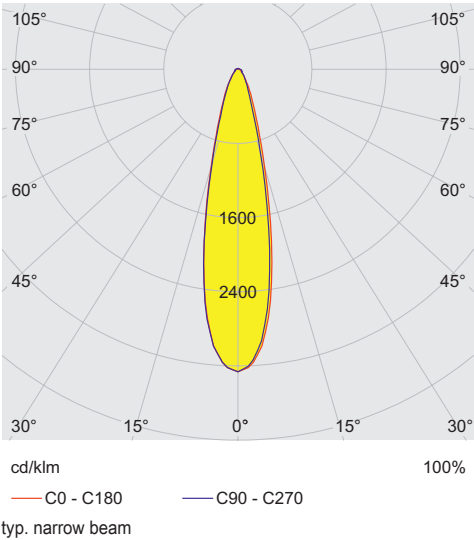
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| | |
|---|---|
| Mechanical Data | |
| Degree of protection (IP) | IP66 |
| Class | I |
| Enclosure material | Stainless steel 1.4301, Powder-coated Single-layer powder-coated |
| Enclosure color | Similar to RAL 9010 |
| Sealing material | Silicone |
| Pane material | Reinforced glass |
| Max. solid connection terminals | 6 mm² |
| Max. finely stranded connection terminals | 4 mm² |
| Type of connection cable | Finely stranded Solid |
| Width | 400 mm |
| Height | 84 mm |
| Length | 520 mm |
| Impact strength (IEC 62262) | IK10 |
| Mounting | With bracket, SS304 |
| Weight | 18 kg |
| Weight | 39.68 lb |

| | |
|-------------------------|----------|
| Mounting / Installation | |
| Note about mounting | Provided |

| | |
|--------------------------|----------------------------|
| Components | |
| Drilled holes | 3 x M20 |
| Cable glands and entries | CMP-20A2F 1 x M20 x 1.5 |
| Material cable gland | Nickel-plated brass |
| Cable entry accessories | 1 x with plug |
| Stopping plugs | 1 x M20 x 1.5 |
| Stopping plug material | Polyamide, black |


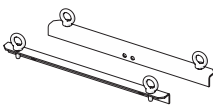
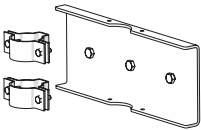
Light Distribution Curves



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

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Accessories

| Mounting bracket | | Art. No. |
|--|---|----------|
|  | 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.