

**Module SLA DC G2 50mm SNC**

Module SLA essence

**Product description**

- \_ Fits in most existing MR16 / GU10 halogen luminaires
- \_ Replacement of 50 W MR16 halogen lamps or 20 W HID lamp
- \_ Module with integrated heatsink and optics
- \_ Free choice of variable dimming and non-dimming LED drivers
- \_ Pre-wired for quick and easy installation
- \_ Eye-catching lens optic with mirrors halogen facettes
- \_ Long lifetime: L70B50 >50,000 h
- \_ 5 years guarantee

**Optical properties**

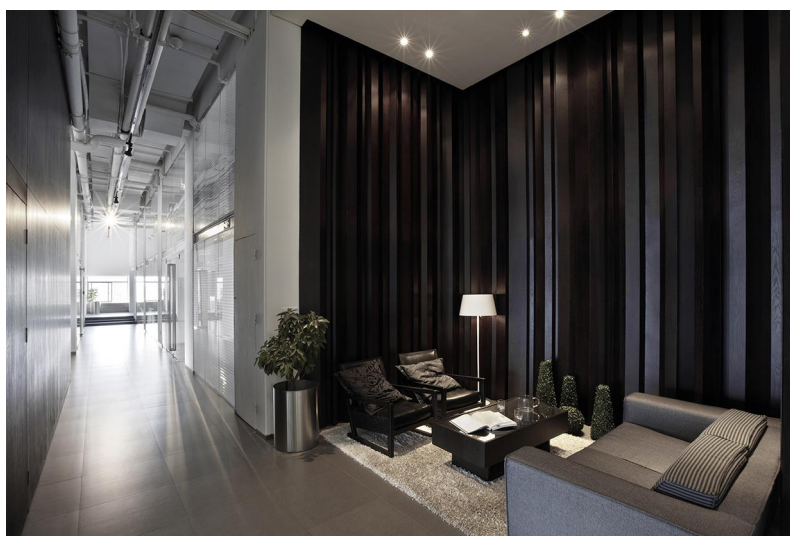
- \_ Colour temperatures 2,700, 3,000 and 4,000 K
- \_ Useful luminous flux 1,270 lm/W at Irated and tp = 75 °C
- \_ Efficacy of the LED module 104 lm/W at Irated and tp = 75 °C
- \_ Higher CRI, typical Ra = 92
- \_ Small colour tolerance (MacAdam 3)
- \_ Beam Angle: spot degree (12° / 24°) or downlight (36°)

**Mechanical properties**

- \_ Module dimension  $\varnothing 49,6 \times 60$  mm and  $\varnothing 49,6 \times 70$  mm
- \_ Mounting with mounting ring, see accessories

**Website**

<http://www.tridonic.com/28001955>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

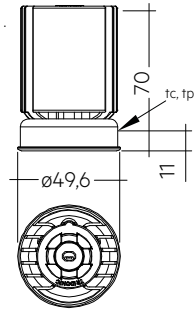


High bay

**Module SLA DC G2 50mm SNC**

Module SLA essence

The complete data sheet for this product is available in the Downloads section.

**Ordering data**

| Type                              | Article number | Colour temperature | Packaging | Weight per pc. |
|-----------------------------------|----------------|--------------------|-----------|----------------|
| SLA DC G2 50mm 1200lm 940 36D SNC | 28001955       | 4,000 K            | 80 pc(s). | 0.101 kg       |

**Technical data**

|   |                       |
|---|-----------------------|
| Ambient temperature range                       | -20 ... +40 °C        |
| tp rated for SLA DC 700lm                       | 60 °C                 |
| tp rated for SLA DC 1200lm                      | 75 °C                 |
| tc for SLA DC 700lm                             | 75 °C                 |
| tc for SLA DC 1200lm                            | 90 °C                 |
| I <sub>rated</sub> for SLA DC 700lm             | 250 mA                |
| I <sub>rated</sub> for SLA DC 1200lm            | 350 mA                |
| I <sub>max</sub> for SLA DC 700lm               | 300 mA                |
| I <sub>max</sub> for SLA DC 1200lm              | 380 mA                |
| Max. perm. LF current ripple for SLA DC 700lm   | 900 mA                |
| Max. perm. LF current ripple for SLA DC 1200lm  | 1,030 mA              |
| Max. permissible peak current for SLA DC 700lm  | 1,260 mA / max. 10 ms |
| Max. permissible peak current for SLA DC 1200lm | 1,450 mA / max. 10 ms |
| Max. working voltage for insulation             | 60 V                  |
| Insulation test voltage                         | 0.5 kV                |
| ESD classification of LED module                | Severity level 2      |
| Risk group (IEC 62471)                          | RG1                   |
| Type of protection                              | IP20                  |
| Lumen maintenance L70B50                        | 50,000 h              |
| Guarantee                                       | 5 Year(s)             |

**Approval marks****Standards**

EN 62031, EN 62471, EN 61547

**Specific technical data**

| Type                              | Photometric code | Forward current | Usefull luminous flux at tp rated | Peak luminous intensity at tp rated | Beam characterist | Power consumption P <sub>on</sub> at tp rated | Min. forward voltage at tc | Max. forward voltage at ta = -20 °C | Efficacy of the module at tp rated | Colour rendering index CRI |
|-----------------------------------|------------------|-----------------|-----------------------------------|-------------------------------------|-------------------|---|----------------------------|-------------------------------------|------------------------------------|----------------------------|
| SLA DC G2 50mm 1200lm 940 36D SNC | 940/349          | 350 mA          | 1,130 lm                          | 2,000 cd                            | 36°               | 12.2 W  | 32.4 V                     | 37.6 V                              | 93 lm/W                            | > 90                       |

① Tolerance of useful light flux - 0 % / + 15 %. Measurement uncertainty ± 10 %.

- ② Tolerance of peak luminous intensity - 0 % / + 15 %. Measurement uncertainty  $\pm$  10 %.
- ③ Tolerance of power consumption  $P_{on}$   $\pm$  10 %. Measurement uncertainty  $\pm$  5 %.