

Engine SLA AC G2 50mm SNC

Engine SLA essence

**Product description**

- _ Fits in most existing MR16 / GU10 halogen luminaires
- _ 10 W LED Equivalent to 50 W MR16 halogen with higher lumen output
- _ Perfect solution for MR16 / GU10 replacement project
- _ Module with integrated electronic, heatsink and optics
- _ Compatible with leading and trailing edge phase cut dimmers
- _ Dimming range 0.1 to 100 % (depends on dimmer)
- _ Eye-catching lens optic with mirrors halogen facettes
- _ Long lifetime: L70B50 >50,000 h at $t_p = 75\text{ }^\circ\text{C}$
- _ 5 years guarantee

Optical properties

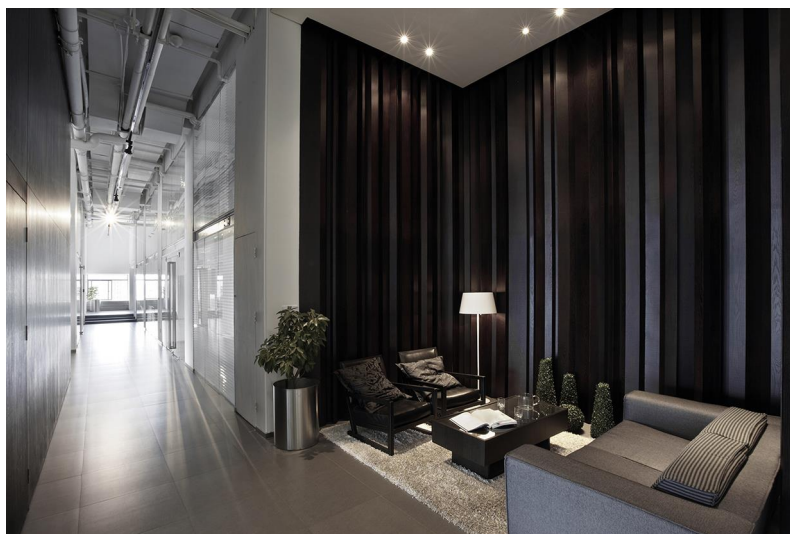
- _ Colour temperatures 2,700, 3,000 and 4,000 K
- _ Useful luminous flux 758 lm at $t_p = 75\text{ }^\circ\text{C}$
- _ Efficacy of the LED module 80 lm/W at $t_p = 75\text{ }^\circ\text{C}$
- _ Higher CRI, typical $R_a = 92$
- _ Small colour tolerance (MacAdam 3)
- _ Beam Angle: spot degree ($12^\circ / 24^\circ$) or downlight (36°)

Mechanical properties

- _ Module dimension $\varnothing 49,6 \times 75,5\text{ mm}$
- _ Mounting with mounting ring, see accessories

Website

<http://www.tridonic.ae/28002832>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

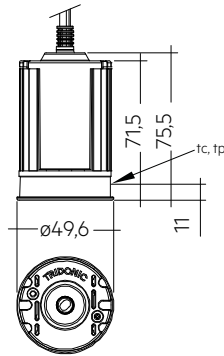


High bay

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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 AC pc G2 50mm 700lm 927 12D SNC | 28002832 | 2,700 K | 80 pc(s). | 0.172 kg |

Technical data

| | |
|--|------------------|
| Rated supply voltage | 220 – 240 V |
| Input voltage AC | 198 – 264 V |
| Mains frequency | 50 / 60 Hz |
| Input current (at 230 V, 50 Hz) | 45 mA |
| λ (at 230 V, 50 Hz) | $\geq 0.9C$ |
| THD | 23 % |
| Flicker | < 20 % |
| Output LF current ripple (< 120 Hz) | < 20 % |
| Starting time (at 230 V, 50 Hz, full load) | ≤ 0.5 s |
| Output P_ST_LM (at full load) | ≤ 1 |
| Output SVM (at full load) | ≤ 0.4 |
| Ambient temperature t_a | -20 ... +40 °C |
| t_p rated | 75 °C |
| t_c | 90 °C |
| ESD classification of LED module | Severity level 2 |
| Risk group (IEC 62471) | RG1 |
| Classification acc. to IEC 62031 | Independent |
| Type of protection | IP20 |
| Lumen maintenance L70B50 | 50,000 h |
| Guarantee | 5 Year(s) |

Approval marks



Standards

EN 62031, EN 62471, EN 61547, EN 55015, EN 60598-1, EN 60598-2-2, EN 61000-3-2, EN 61000-3-3

Specific technical data

| Type | Photometric code | Useful luminous flux at $t_p = 75^\circ C$ | Peak luminous intensity at $t_p = 75^\circ C$ | Beam characteristic | Power consumption P_{on} at $t_p = 75^\circ C$ | Efficacy of the module at $t_p = 75^\circ C$ | Colour rendering index CRI |
|-------------------------------------|------------------|--|---|---------------------|--|--|----------------------------|
| SLA AC pc G2 50mm 700lm 927 12D SNC | 927/359 | 688 lm | 4,712 cd | 12° | 9.5 W | 72 lm/W | > 90 |

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

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