

**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**

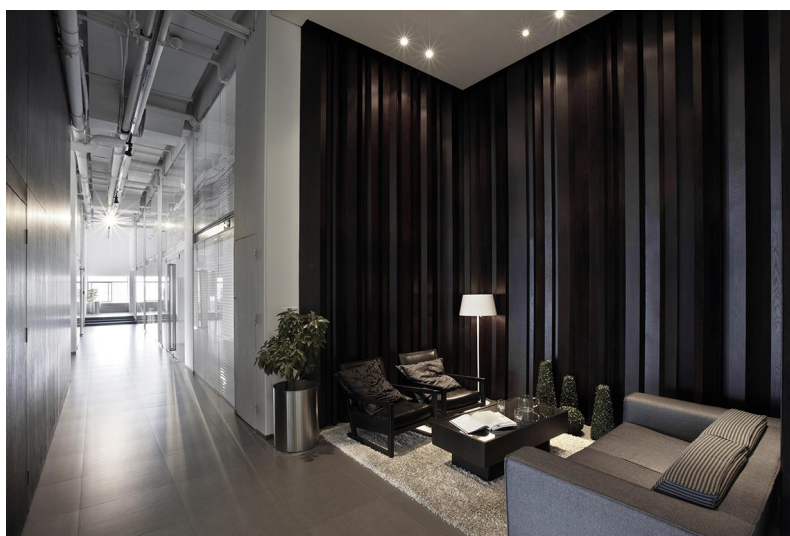
- \_ Colour temperatures 2,700, 3,000 and 4,000 K
- \_ Useful luminous flux 758 lm at  $t_p = 75\text{ }^\circ\text{C}$
- \_ Efficacy of the LED module 80 lm/W at  $t_p = 75\text{ }^\circ\text{C}$
- \_ Higher CRI, typical  $R_a = 92$
- \_ Small colour tolerance (MacAdam 3)
- \_ Beam Angle: spot degree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

**Mechanical properties**

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

**Website**

<http://www.tridonic.ae/28001936>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

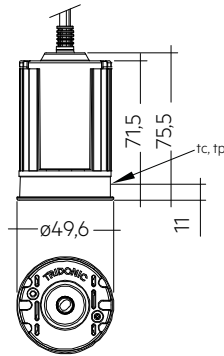


High bay

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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 930 24D SNC	28001936	3,000 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
$\lambda$ (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)	$\leq 0.5$ s
Output P_ST_LM (at full load)	$\leq 1$
Output SVM (at full load)	$\leq 0.4$
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 930 24D SNC	930/359	676 lm	2,888 cd	24°	9.5 W	71 lm/W	> 90

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

- 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 %.