TRIDONIC

Module SLA DC G2 50mm SNC

Module SLA essence

SLA DC G2 50mm 700lm SNC

SLA DC G2 50mm 1200lm SNC

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 (conditions at https://www.tridonic.com/manufacturer-guarantee-conditions)

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 ø49.6 x 60 mm and ø49.6 x 70 mm
_ Mounting with mounting ring, see accessories

Website
http://www.tridonic.com/28001942

Spotlights | Downlights | Linear | Area | Floor | Wall | Free-standing | Street | Decorative | High bay

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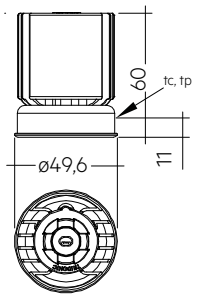

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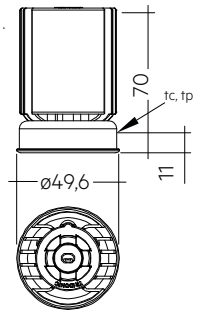

SLA DC G2 50mm 1200lm SNC

Ordering data

Type	Article number	Colour temperature	Packaging	Weight per pc.
SLA DC G2 50mm 700lm 927 24D SNC	**28001942**	2,700 K	80 pc(s).	0.090 kg
SLA DC G2 50mm 700lm 927 36D SNC	**28001943**	2,700 K	80 pc(s).	0.090 kg
SLA DC G2 50mm 700lm 930 24D SNC	**28001944**	3,000 K	80 pc(s).	0.090 kg
SLA DC G2 50mm 700lm 930 36D SNC	**28001945**	3,000 K	80 pc(s).	0.090 kg
SLA DC G2 50mm 700lm 940 24D SNC	**28001946**	4,000 K	80 pc(s).	0.090 kg
SLA DC G2 50mm 700lm 940 36D SNC	**28001947**	4,000 K	80 pc(s).	0.090 kg
SLA DC G2 50mm 1200lm 927 12D SNC	**28002835**	2,700 K	80 pc(s).	0.101 kg
SLA DC G2 50mm 1200lm 927 24D SNC	**28001950**	2,700 K	80 pc(s).	0.101 kg
SLA DC G2 50mm 1200lm 927 36D SNC	**28001951**	2,700 K	80 pc(s).	0.101 kg
SLA DC G2 50mm 1200lm 930 12D SNC	**28002836**	3,000 K	80 pc(s).	0.101 kg
SLA DC G2 50mm 1200lm 930 24D SNC	**28001952**	3,000 K	80 pc(s).	0.101 kg
SLA DC G2 50mm 1200lm 930 36D SNC	**28001953**	3,000 K	80 pc(s).	0.101 kg
SLA DC G2 50mm 1200lm 940 12D SNC	**28002837**	4,000 K	80 pc(s).	0.101 kg
SLA DC G2 50mm 1200lm 940 24D SNC	**28001954**	4,000 K	80 pc(s).	0.101 kg
SLA DC G2 50mm 1200lm 940 36D SNC	**28001955**	4,000 K	80 pc(s).	0.101 kg

Technical data

Ambient temperature ta	-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
Irated for SLA DC 700lm	250 mA
Irated for SLA DC 1200lm	350 mA
Imax for SLA DC 700lm	300 mA
Imax 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
Colour tolerance	3 SDCM
Risk group (IEC 62471)	RG1
Type of protection	IP20
Lumen maintenance L70B50	50,000 h
Guarantee (conditions at www.tridonic.com)	5 Year(s)

Approval marks

EAC CE UKCA RoHS

Standards

EN 62031, EN 62471, EN 61547

Specific technical data

Type	Photometric code	Forward current	Usefull luminous flux at tp rated①	Peak luminous intensity② at tp rated	Beam characterist	Power consumption Pon 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 700lm 927 24D SNC	927/359	250 mA	770 lm	2,920 cd	24°	8.8 W	30.0 V	40.0 V	88 lm/W	> 90
SLA DC G2 50mm 700lm 927 36D SNC	927/359	250 mA	770 lm	1,540 cd	36°	8.8 W	30.0 V	40.0 V	88 lm/W	> 90
SLA DC G2 50mm 700lm 930 24D SNC	930/359	250 mA	840 lm	3,192 cd	24°	8.8 W	30.0 V	40.0 V	95 lm/W	> 90
SLA DC G2 50mm 700lm 930 36D SNC	930/359	250 mA	840 lm	1,680 cd	36°	8.8 W	30.0 V	40.0 V	95 lm/W	> 90
SLA DC G2 50mm 700lm 940 24D SNC	940/359	250 mA	890 lm	3,382 cd	24°	8.8 W	30.0 V	40.0 V	101 lm/W	> 90
SLA DC G2 50mm 700lm 940 36D SNC	940/359	250 mA	890 lm	1,780 cd	36°	8.8 W	30.0 V	40.0 V	101 lm/W	> 90
SLA DC G2 50mm 1200lm 927 12D SNC	927/349	350 mA	958 lm	6,123 cd	12°	12.2 W	32.4 V	37.6 V	79 lm/W	> 90
SLA DC G2 50mm 1200lm 927 24D SNC	927/349	350 mA	1,140 lm	4,300 cd	24°	12.2 W	32.4 V	37.6 V	93 lm/W	> 90
SLA DC G2 50mm 1200lm 927 36D SNC	927/349	350 mA	1,140 lm	2,200 cd	36°	12.2 W	32.4 V	37.6 V	93 lm/W	> 90
SLA DC G2 50mm 1200lm 930 12D SNC	930/349	350 mA	962 lm	5,885 cd	12°	12.2 W	32.4 V	37.6 V	79 lm/W	> 90
SLA DC G2 50mm 1200lm 930 24D SNC	930/349	350 mA	1,170 lm	4,400 cd	24°	12.2 W	32.4 V	37.6 V	96 lm/W	> 90
SLA DC G2 50mm 1200lm 930 36D SNC	930/349	350 mA	1,170 lm	2,300 cd	36°	12.2 W	32.4 V	37.6 V	96 lm/W	> 90
SLA DC G2 50mm 1200lm 940 12D SNC	940/349	350 mA	1,021 lm	6,429 cd	12°	12.2 W	32.4 V	37.6 V	84 lm/W	> 90
SLA DC G2 50mm 1200lm 940 24D SNC	940/349	350 mA	1,270 lm	4,000 cd	24°	12.2 W	32.4 V	37.6 V	104 lm/W	> 90
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 intensitiy - 0 % / + 15 %. Measurement uncertainty ± 10 %.