TRIDONIC

Modul LLE G2 24mm 2000lm SNC

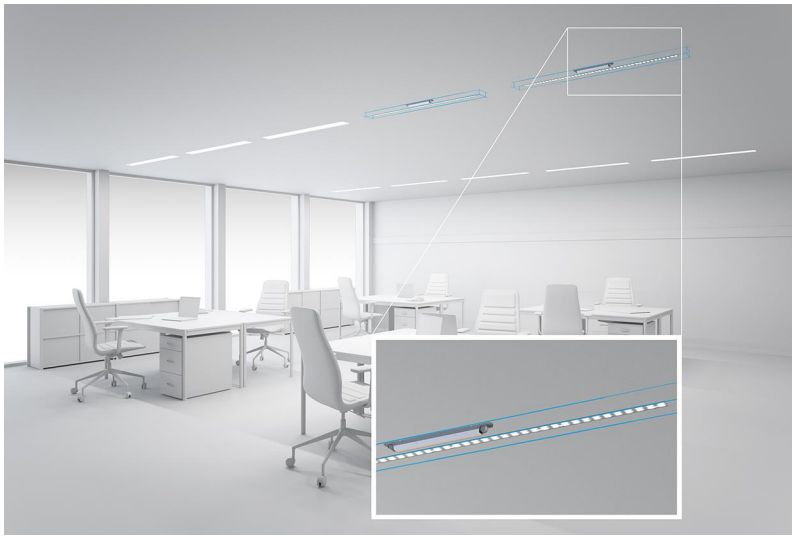
Modules LLE ESSENCE

Product description

_ Optimal solution for linear and panel lights where cost is main priority, together with the new LC lp SNC and ADV LED Driver provides best system efficiency
_ Typ. luminous flux 2,000 and 4,000 lm
_ Efficacy of the module up to 171 lm/W
_ High colour rendering index CRI > 80
_ Small colour tolerance (MacAdam 4) ①
_ Colour temperatures 3,000, 4,000 and 6,500 K
_ Module dimension 24 x 280 mm and 24 x 560 mm (ZHAGA compliant)
_ Perfectly uniform light, even if several LED modules are used together in a line
_ Push terminals for quick and simple wiring of LED module to LED module
_ Broad portfolio from extruded lenses and covers available
_ Simple installation via clips or screws
_ Long life-time up to 50,000 hours
_ 5-year guarantee

① Integral measurement over the complete module.

Website
http://www.tridonic.com/28002290



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

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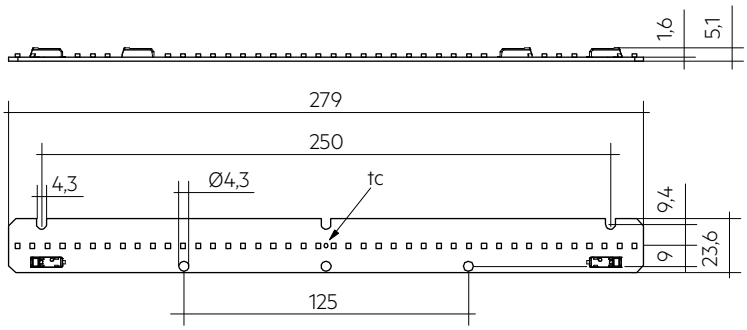
The complete data sheet for this product is available in the Downloads section.



Ordering data

Type	Article number	Colour temperature	Packaging, carton	Weight per pc.
LLE G2 24x280mm 2000lm 840 2T SNC	**28002290**	4000 K	300 pc(s).	0.022 kg

Technical data

Beam characteristic	120°
Ambient temperature range	-40 … +60 °C
tp rated	65 °C
tc	85 °C
Irated	325 mA
Imax	540 mA
Max. permissible LF current ripple	540 mA
Max. permissible peak current	1,200 mA / max. 10 ms
Max. working voltage for insulation ②	335 V
Insulation test voltage	1.67 kV
CTI of the printed circuit board	≥ 600
ESD classification	Severity level 4
Risk group (EN 62471:2008)	RG0
Classification acc. to IEC 62031	Built-in
Type of protection	IP00

Approval marks

RoHS

Standards

IEC 62031, IEC 62471, IEC 62778, IEC 62717, IEC 61547

Specific technical data

Type[3]	Photometric code	Typ. luminous flux at tp = 25 °C[4]	Typ. luminous flux at tp = 65 °C[4]	Typ. forward current	Min. forward voltage at tp = 65 °C	Max. forward voltage at tp = 25 °C	Typ. power consumption at tp = 65 °C[4]	Luminous efficacy module at tp = 25 °C	Luminous efficacy module at tp = 65 °C	Luminous efficacy system at tp = 65 °C	Colour rendering index CRI
Operating mode HE at 200 mA											
LLE G2 24x280mm 2000lm 840 2T SNC	840/469	1,370 lm	1,290 lm	200 mA	36.4 V	45.1 V	7.9 W	171 lm/W	163 lm/W	147 lm/W	> 80
Operating mode HE at 250 mA											
LLE G2 24x280mm 2000lm 840 2T SNC	840/469	1,690 lm	1,570 lm	250 mA	37.2 V	46.1 V	10.1 W	164 lm/W	156 lm/W	140 lm/W	> 80
Operating mode NM at 325 mA											
LLE G2 24x280mm 2000lm 840 2T SNC	840/469	2,140 lm	1,990 lm	325 mA	38.4 V	47.6 V	13.5 W	154 lm/W	146 lm/W	131 lm/W	> 80
Operating mode HO at 400 mA											
LLE G2 24x280mm 2000lm 840 2T SNC	840/469	2,560 lm	2,380 lm	400 mA	39.5 V	49.0 V	17.2 W	146 lm/W	138 lm/W	124 lm/W	> 80
Operating mode HO at 450 mA											
LLE G2 24x280mm 2000lm 840 2T SNC	840/469	2,840 lm	2,640 lm	450 mA	40.3 V	49.9 V	19.7 W	141 lm/W	134 lm/W	121 lm/W	> 80

② If mounted with M4 screws and plastic washers.
③ HE ... high efficiency, NM ... nominal mode, HO ... high output.
④ Tolerance range for optical and electrical data: ±10 %.