

Module LLE G2 24mm 1250lm SNC

Modules LLE ESSENCE

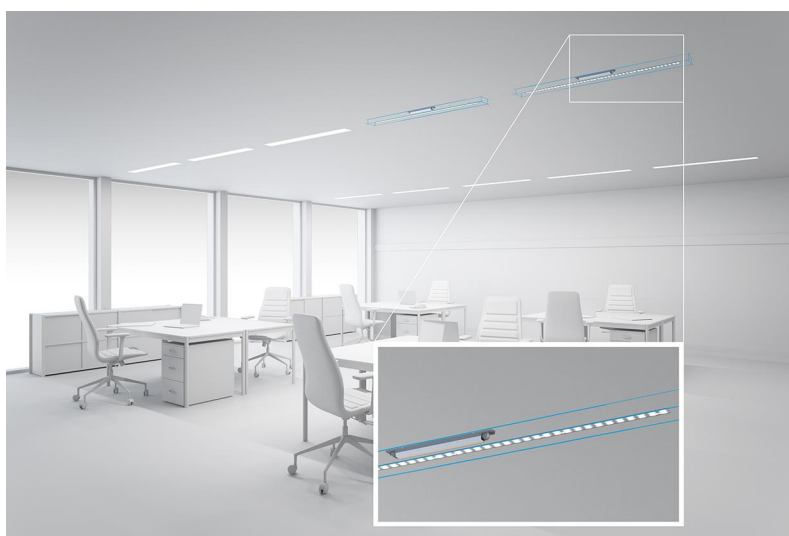
**Product description**

- _ Optimal solution for linear and panel lights where cost is main priority, together with the new LC Ip SNC and ADV LED Driver provides best system efficiency
- _ SELV module – the single module has a forward voltage < 60 V
- _ Terminals – 2 variants: 2 terminals for serial wiring; 4 terminals for parallel, serial or robot wiring
- _ Typ. luminous flux 1,250 and 2,400 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/28002007>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

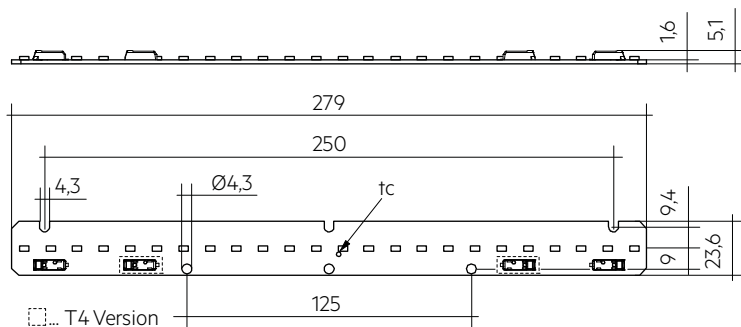


High bay

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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 24mm ESSENCE 2 terminals (2T) for serial wiring				
LLE G2 24x280mm 1250lm 840 2T SNC	28002007	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	350 mA
I _{max}	540 mA
Max. permissible LF current ripple	540 mA
Max. permissible peak current	1,200 mA / max. 10 ms
Max. working voltage for insulation [®]	335 V
Insulation test voltage	1.67 kV
CTI of the printed circuit board	≥ 600
ESD classification	Severity level 4
Risk group (IEC 62471:2008) at I _{max}	RG2 (E _{thr} = 570 lx, RG1 at d ≥ 105 cm)
Risk group (IEC 62471:2008) at I = 490 mA	RG1
Classification acc. to IEC 62031	Built-in
Type of protection	IP00

Approval marks**Standards**

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

Specific technical data

Type [®]	Photometric code	Typ. luminous flux at tp = 25 °C ^②	Typ. luminous flux at tp = 65 °C ^③	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 1250lm 840 2T SNC	840/469	790 lm	740 lm	200 mA	20.6 V	24.3 V	4.5 W	171 lm/W	163 lm/W	147 lm/W	> 80
Operating mode HE at 250 mA											
LLE G2 24x280mm 1250lm 840 2T SNC	840/469	970 lm	910 lm	250 mA	21.1 V	24.8 V	5.8 W	164 lm/W	156 lm/W	140 lm/W	> 80
Operating mode NM at 300 mA											
LLE G2 24x280mm 1250lm 840 2T SNC	840/469	1,150 lm	1,070 lm	300 mA	21.6 V	25.3 V	7.1 W	158 lm/W	150 lm/W	135 lm/W	> 80
Operating mode NM at 350 mA											
LLE G2 24x280mm 1250lm 840 2T SNC	840/469	1,320 lm	1,230 lm	350 mA	22.1 V	25.8 V	8.5 W	152 lm/W	145 lm/W	131 lm/W	> 80
Operating mode HO at 400 mA											
LLE G2 24x280mm 1250lm 840 2T SNC	840/469	1,470 lm	1,370 lm	400 mA	22.6 V	26.3 V	9.9 W	146 lm/W	138 lm/W	124 lm/W	> 80
Operating mode HO at 450 mA											
LLE G2 24x280mm 1250lm 840 2T SNC	840/469	1,630 lm	1,510 lm	450 mA	23.5 V	27.2 V	12.8 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 %.