

Module LLE G2 24mm 775lm SNC

Modules LLE essence



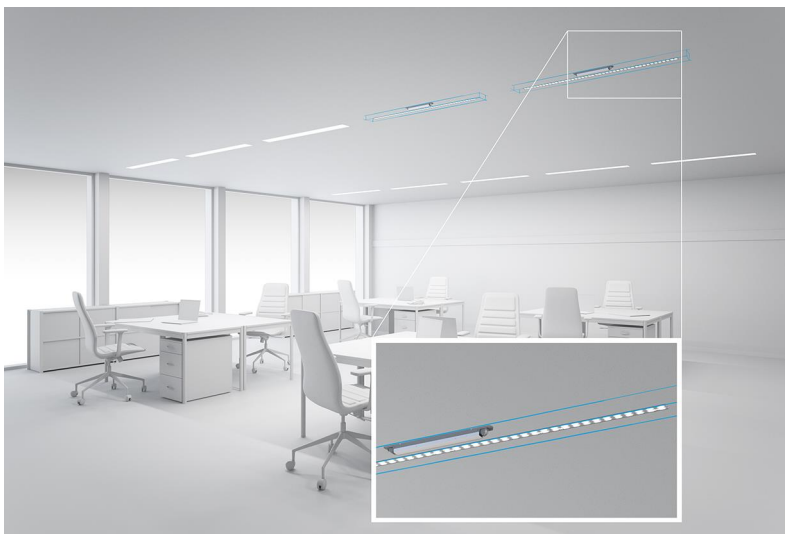
Product description

- _ 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 775 and 1,500 lm
- _ Efficacy of the module up to 170 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/28002001>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

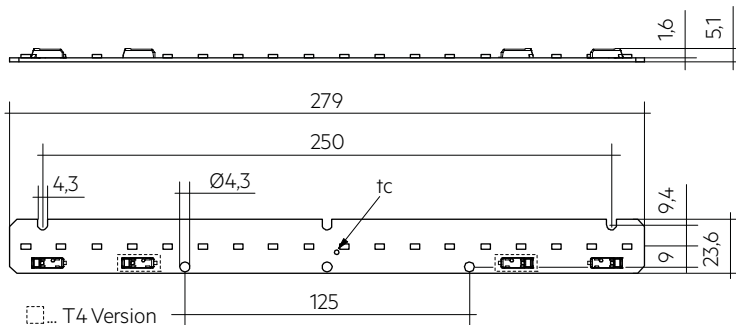


High bay

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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 SNC 2 terminals (2T) for serial wiring				
LLE G2 24x280mm 775lm 840 2T SNC	28002001	4000 K	300 pc(s).	0.021 kg

Technical data

Beam characteristic	120°
Ambient temperature range	-40 ... +60 °C
tp rated	65 °C
tc	85 °C
Irated	300 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 ^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 775lm 840 2T SNC	840/469	590 lm	550 lm	200 mA	15.5 V	18.2 V	3.4 W	170 lm/W	162 lm/W	146 lm/W	> 80
Operating mode NM at 250 mA											
LLE G2 24x280mm 775lm 840 2T SNC	840/469	730 lm	670 lm	250 mA	15.9 V	18.6 V	4.3 W	163 lm/W	155 lm/W	140 lm/W	> 80
Operating mode NM at 300 mA											
LLE G2 24x280mm 775lm 840 2T SNC	840/469	860 lm	800 lm	300 mA	16.2 V	19.0 V	5.3 W	157 lm/W	149 lm/W	134 lm/W	> 80
Operating mode HO at 350 mA											
LLE G2 24x280mm 775lm 840 2T SNC	840/469	980 lm	910 lm	350 mA	16.6 V	19.4 V	6.3 W	151 lm/W	144 lm/W	130 lm/W	> 80
Operating mode HO at 400 mA											
LLE G2 24x280mm 775lm 840 2T SNC	840/469	1,090 lm	1,020 lm	400 mA	16.9 V	19.7 V	7.4 W	145 lm/W	138 lm/W	124 lm/W	> 80
Operating mode HO at 450 mA											
LLE G2 24x280mm 775lm 840 2T SNC	840/469	1,210 lm	1,130 lm	450 mA	17.3 V	20.0 V	8.5 W	140 lm/W	133 lm/W	120 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 %.