

**Module LLE G2 24mm 775lm SNC**

Modules LLE ESSENCE

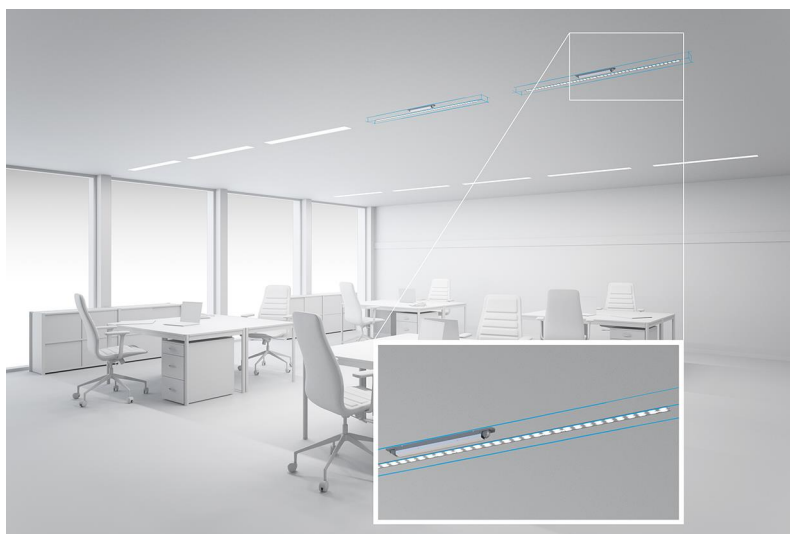
**Product description**

- \_ 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) <sup>①</sup>
- \_ 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

<sup>①</sup> Integral measurement over the complete module.

**Website**

<http://www.tridonic.com/28002004>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

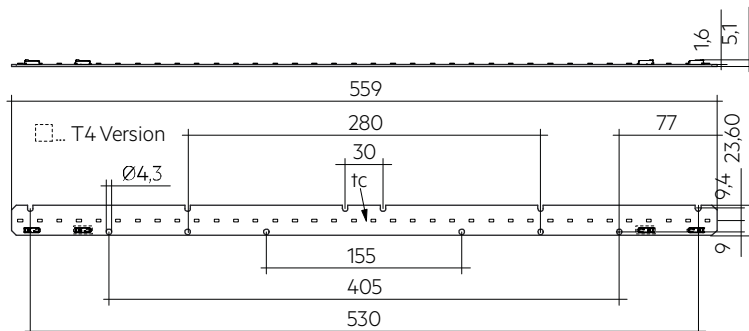


High bay

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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.
<b>LLE 24mm ESSENCE 2 terminals (2T) for serial wiring</b>				
LLE G2 24x560mm 1550lm 840 2T SNC	28002004	4000 K	200 pc(s).	0.042 kg

**Technical data**

Beam characteristic	120°
Ambient temperature range	-40 ... +60 °C
tp rated	65 °C
tc	85 °C
Irated	300 mA
I <sub>max</sub>	540 mA
Max. permissible LF current ripple	540 mA
Max. permissible peak current	1,200 mA / max. 10 ms
Max. working voltage for insulation <sup>®</sup>	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 <sub>max</sub>	RG2 (E <sub>thr</sub> = 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 <sup>®</sup>	Photometric code	Typ. luminous flux at tp = 25 °C <sup>②</sup>	Typ. luminous flux at tp = 65 °C <sup>②</sup>	Typ. forward current	Min. forward voltage at tp = 65 °C	Max. forward voltage at tp = 25 °C	Typ. power consumption at tp = 65 °C <sup>②</sup>	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
<b>Operating mode HE at 200 mA</b>											
LLE G2 24x560mm 1550lm 840 2T SNC	840/469	1,180 lm	1,100 lm	200 mA	30.9 V	36.5 V	6.8 W	170 lm/W	162 lm/W	146 lm/W	> 80
<b>Operating mode NM at 250 mA</b>											
LLE G2 24x560mm 1550lm 840 2T SNC	840/469	1,450 lm	1,350 lm	250 mA	31.7 V	37.2 V	8.7 W	163 lm/W	155 lm/W	140 lm/W	> 80
<b>Operating mode NM at 300 mA</b>											
LLE G2 24x560mm 1550lm 840 2T SNC	840/469	1,710 lm	1,590 lm	300 mA	32.5 V	38.0 V	10.7 W	157 lm/W	149 lm/W	134 lm/W	> 80
<b>Operating mode HO at 350 mA</b>											
LLE G2 24x560mm 1550lm 840 2T SNC	840/469	1,960 lm	1,820 lm	350 mA	33.2 V	38.7 V	12.7 W	151 lm/W	144 lm/W	130 lm/W	> 80
<b>Operating mode HO at 400 mA</b>											
LLE G2 24x560mm 1550lm 840 2T SNC	840/469	2,190 lm	2,030 lm	400 mA	33.9 V	39.4 V	14.8 W	145 lm/W	138 lm/W	124 lm/W	> 80
<b>Operating mode HO at 450 mA</b>											
LLE G2 24x560mm 1550lm 840 2T SNC	840/469	2,420 lm	2,250 lm	450 mA	34.6 V	40.1 V	16.9 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 %.