

Module LLE 20x280-560mm 1250lm HV SNC3

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
- _ 2 terminals for serial wiring
- _ 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
- _ Long lifetime up to 72,000 hours
- _ 5 years guarantee

Optical properties

- _ Colour temperatures 3,000, 4,000 and 6,500 K
- _ Useful luminous flux 2,340 lm at Irated and tp = 25 °C
- _ Efficacy of the LED module 172 lm/W at Irated and tp = 25 °C
- _ High colour rendering index CRI > 80
- _ Small colour tolerance (MacAdam 3) ^①
- _ Small luminous flux tolerances

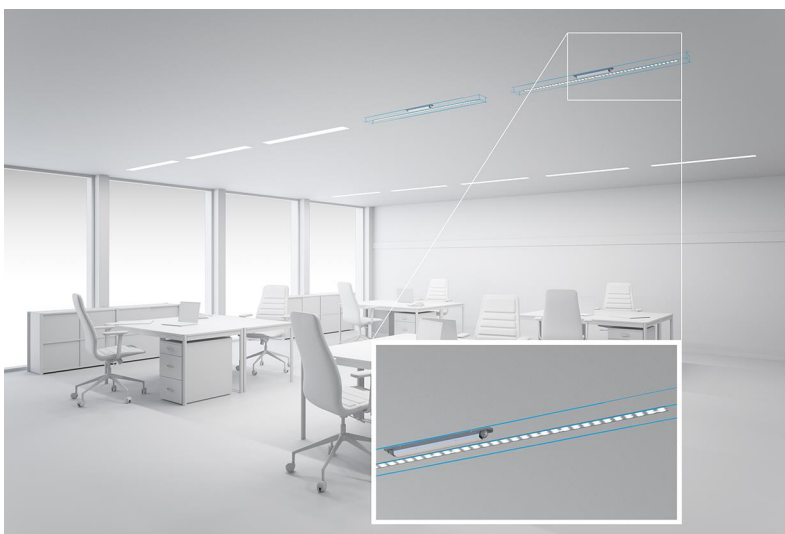
Mechanical properties

- _ Module dimension 20 x 280 mm and 20 x 560 mm
- _ Simple installation (e.g. screws)

^① Integral measurement over the complete module.

Website

<http://www.tridonic.com/28002919>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

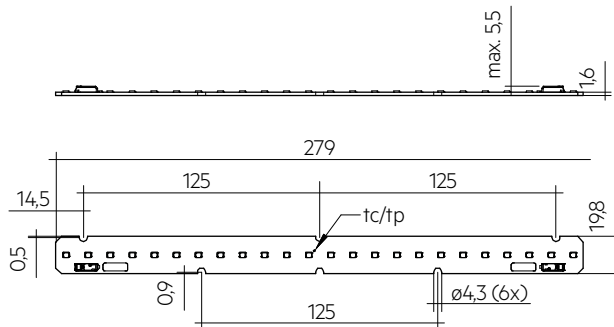


High bay

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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 20x280mm 1250lm 830 HV SNC3	28002919	3,000 K	180 pc(s).	0.018 kg

Technical data

Beam characteristic	120°
Ambient temperature range	-40 ... +65 °C
tp rated	50 °C
tc	90 °C
Irated	300 mA
I _{max}	540 mA
Max. permissible LF current ripple	600 mA
Max. permissible peak current	900 mA / max. 10 ms
Max. working voltage for insulation [®]	400 V
Insulation test voltage	1.8 kV
CTI of the printed circuit board	≥ 600
ESD classification	Severity level 2
Risk group (IEC 62471) [®]	RG1
Classification acc. to IEC 62031	Built-in
Type of protection	IP00
Lumen maintenance L70B50	72,000 h
Guarantee	5 Year(s)

Approval marks**Standards**

IEC 62031, IEC 62471, IEC 61000-4-2, IEC 62778, IEC 61547

Specific technical data

Type ^②	Article number	Photometric code	Useful luminous flux at tp = 25 °C ^③	Expected luminous flux at tp rated ^④	Typ. forward current	Min. forward voltage at tp rated	Max. forward voltage at tp = 25 °C	Power consumption Pon at tp = 25 °C ^⑤	Efficacy of the module at tp = 25 °C	Expected efficacy of the module at tp rated	Colour rendering index CRI
Operating mode HE at 200 mA											
LLE 20x280mm 1250lm 830 HV SNC3	28002919	830/359	-	710 lm	200 mA	20.2 V	23.9 V	-	-	163 lm/W	> 80
Operating mode HE at 250 mA											
LLE 20x280mm 1250lm 830 HV SNC3	28002919	830/359	-	880 lm	250 mA	20.5 V	24.3 V	-	-	160 lm/W	> 80
Operating mode NM at 300 mA											
LLE 20x280mm 1250lm 830 HV SNC3	28002919	830/359	1,110 lm	1,050 lm	300 mA	20.8 V	24.6 V	6.8 W	163 lm/W	156 lm/W	> 80
Operating mode NM at 350 mA											
LLE 20x280mm 1250lm 830 HV SNC3	28002919	830/359	-	1,210 lm	350 mA	21.1 V	24.9 V	-	-	153 lm/W	> 80
Operating mode HO at 400 mA											
LLE 20x280mm 1250lm 830 HV SNC3	28002919	830/359	-	1,370 lm	400 mA	21.3 V	25.2 V	-	-	149 lm/W	> 80
Operating mode HO at 450 mA											
LLE 20x280mm 1250lm 830 HV SNC3	28002919	830/359	-	1,520 lm	450 mA	21.6 V	25.6 V	-	-	145 lm/W	> 80

② If mounted with M4 screws and plastic washers.

③ Measured at operating mode HO.

④ HE ... High Efficiency, NM ... Nominal Mode, HO ... High Output.

⑤ Tolerance of useful light flux - 0 % / + 15 %. Measurement uncertainty ± 10 %.

⑥ Tolerance of expected light flux - 0 % / + 15 %. Measurement uncertainty ± 10 %. Based on calculation.

⑦ Tolerance of power consumption Pon ± 10 %. Measurement uncertainty ± 5 %.