

**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) <sup>①</sup>
- \_ Small luminous flux tolerances

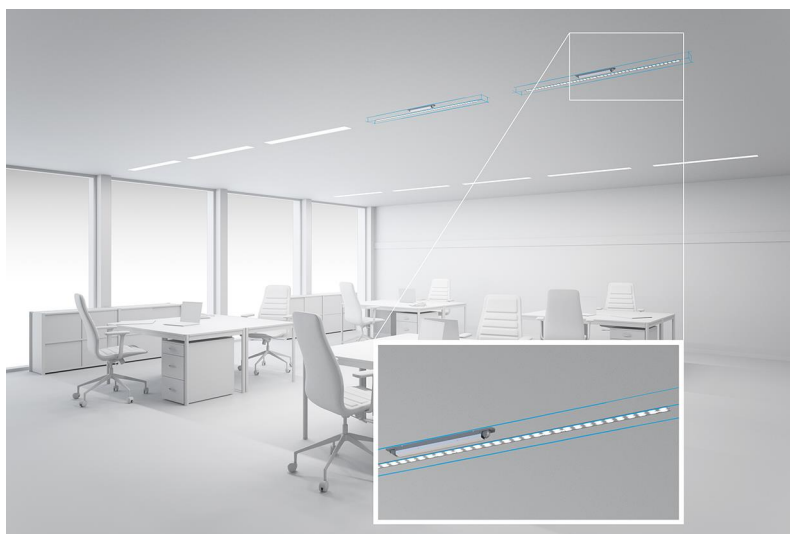
**Mechanical properties**

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

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

**Website**

<http://www.tridonic.com/28002922>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

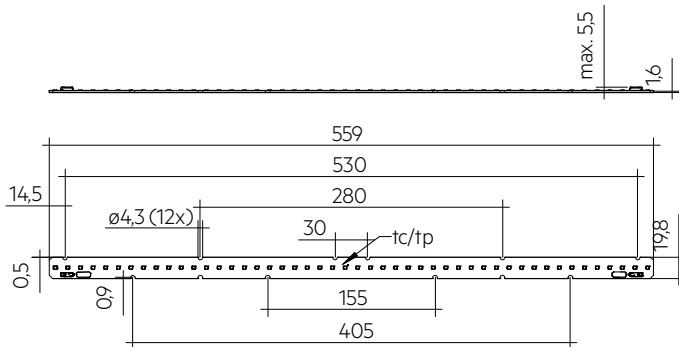


High bay

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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 20x560mm 2400lm 830 HV SNC3	28002922	3,000 K	180 pc(s).	0.036 kg

**Technical data**

Beam characteristic	120°
Ambient temperature range	-40 ... +65 °C
tp rated	50 °C
tc	90 °C
Irated	300 mA
I <sub>max</sub>	540 mA
Max. permissible LF current ripple	600 mA
Max. permissible peak current	900 mA / max. 10 ms
Max. working voltage for insulation <sup>®</sup>	400 V
Insulation test voltage	1.8 kV
CTI of the printed circuit board	≥ 600
ESD classification	Severity level 2
Risk group (IEC 62471) <sup>®</sup>	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 <sup>④</sup>	Article number	Photometric code	Useful luminous flux at tp = 25 °C <sup>⑤</sup>	Expected luminous flux at tp rated <sup>⑥</sup>	Typ. forward current	Min. forward voltage at tp rated	Max. forward voltage at tp = 25 °C	Power consumption Pon at tp = 25 °C <sup>⑦</sup>	Efficacy of the module at tp = 25 °C	Expected efficacy of the module at tp rated	Colour rendering index CRI
<b>Operating mode HE at 200 mA</b>											
LLE 20x560mm 2400lm 830 HV SNC3	28002922	830/359	-	1,430 lm	200 mA	40.5 V	47.7 V	-	-	164 lm/W	> 80
<b>Operating mode HE at 250 mA</b>											
LLE 20x560mm 2400lm 830 HV SNC3	28002922	830/359	-	1,770 lm	250 mA	41.1 V	48.4 V	-	-	160 lm/W	> 80
<b>Operating mode NM at 300 mA</b>											
LLE 20x560mm 2400lm 830 HV SNC3	28002922	830/359	2,220 lm	2,100 lm	300 mA	41.7 V	49.1 V	13.6 W	163 lm/W	156 lm/W	> 80
<b>Operating mode NM at 350 mA</b>											
LLE 20x560mm 2400lm 830 HV SNC3	28002922	830/359	-	2,430 lm	350 mA	42.2 V	49.7 V	-	-	153 lm/W	> 80
<b>Operating mode HO at 400 mA</b>											
LLE 20x560mm 2400lm 830 HV SNC3	28002922	830/359	-	2,740 lm	400 mA	42.8 V	50.4 V	-	-	149 lm/W	> 80
<b>Operating mode HO at 450 mA</b>											
LLE 20x560mm 2400lm 830 HV SNC3	28002922	830/359	-	3,050 lm	450 mA	43.4 V	51.0 V	-	-	146 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 %.