

**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 life-time up to 72,000 hours
- \_ 5-year guarantee

**Optical properties**

- \_ Colour temperatures 3,000, 4,000 and 6,500 K
- \_ Typ. luminous flux 1,250 and 2,400 lm
- \_ Efficacy of the module up to 179 lm/W
- \_ High colour rendering index CRI > 80
- \_ Small colour tolerance (MacAdam 3) <sup>①</sup>
- \_ Small luminous flux tolerances

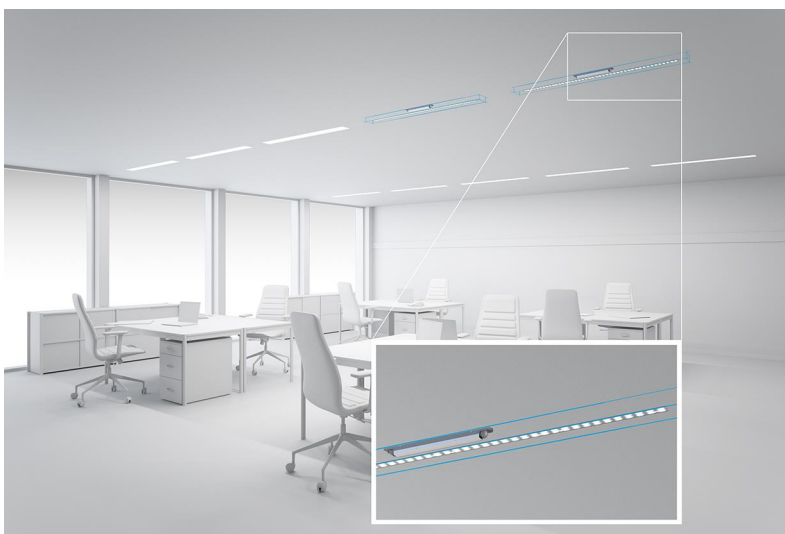
**Mechanical properties**

- \_ 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/28002923>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

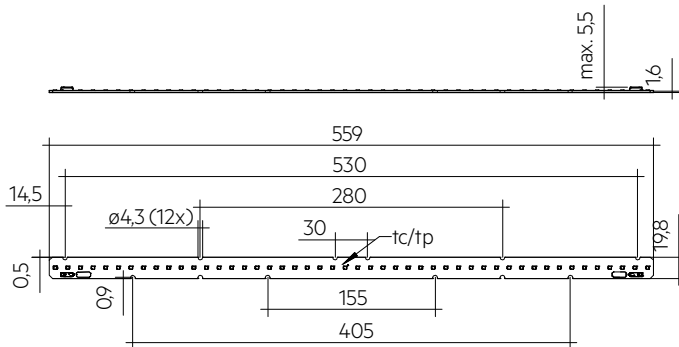


High bay

**Module LLE 20x280-560mm 1250lm HV SNC3**

Modules LLE essence

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 840 HV SNC3	28002923	4,000 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
Life-time	up to 72,000 h

**Approval marks****Standards**

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

## Specific technical data

Type <sup>②</sup>	Article number	Photometric code	Typ. luminous flux at tp = 25 °C <sup>③</sup>	Typ. luminous flux at tp = 50 °C <sup>③</sup>	Typ. forward current	Min. forward voltage at tp = 50 °C	Max. forward voltage at tp = 25 °C	Typ. power consumption at tp = 50 °C	Efficacy of the module at tp = 25 °C	Luminous efficacy module at tp = 50 °C	Luminous efficacy system at tp = 50 °C	Colour rendering index CRI
<b>Operating mode HE at 200 mA</b>												
LLE 20x560mm 2400lm 840 HV SNC3	28002923	840/359	1,590 lm	1,510 lm	200 mA	40.5 V	47.7 V	8.8 W	179 lm/W	173 lm/W	156 lm/W	> 80
<b>Operating mode HE at 250 mA</b>												
LLE 20x560mm 2400lm 840 HV SNC3	28002923	840/359	1,970 lm	1,860 lm	250 mA	41.1 V	48.4 V	11.1 W	175 lm/W	168 lm/W	151 lm/W	> 80
<b>Operating mode NM at 300 mA</b>												
LLE 20x560mm 2400lm 840 HV SNC3	28002923	840/359	2,340 lm	2,210 lm	300 mA	41.7 V	49.1 V	13.5 W	171 lm/W	164 lm/W	148 lm/W	> 80
<b>Operating mode NM at 350 mA</b>												
LLE 20x560mm 2400lm 840 HV SNC3	28002923	840/359	2,700 lm	2,560 lm	350 mA	42.2 V	49.7 V	16.0 W	167 lm/W	160 lm/W	144 lm/W	> 80
<b>Operating mode HO at 400 mA</b>												
LLE 20x560mm 2400lm 840 HV SNC3	28002923	840/359	3,050 lm	2,890 lm	400 mA	42.8 V	50.4 V	18.5 W	163 lm/W	156 lm/W	140 lm/W	> 80
<b>Operating mode HO at 450 mA</b>												
LLE 20x560mm 2400lm 840 HV SNC3	28002923	840/359	3,390 lm	3,210 lm	450 mA	43.4 V	51.0 V	21.1 W	159 lm/W	152 lm/W	137 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 range for optical and electrical data: ±10 %.