TRIDONIC

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 lp 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) ①
_ Small luminous flux tolerances

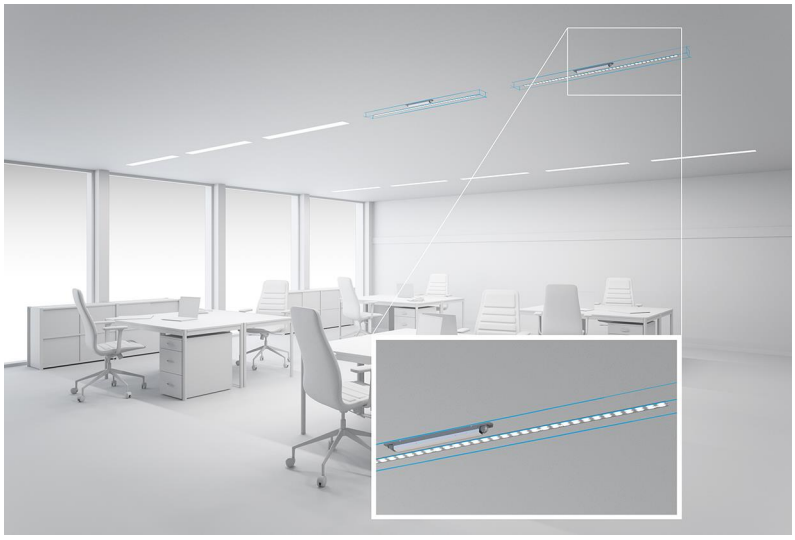
Mechanical properties

_ 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/28002920



Spotlights | Downlights | **Linear** | **Area** | **Floor | Wall** | **Free-standing** | Street | Decorative | High bay

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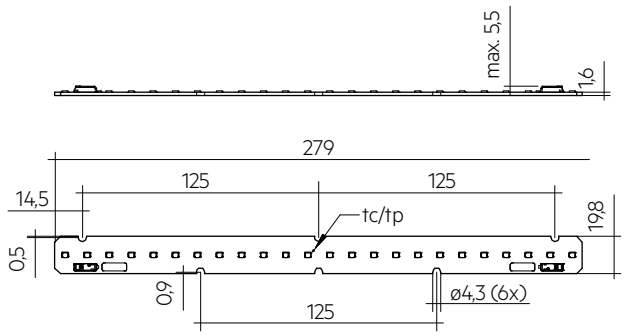
The complete data sheet for this product is available in the Downloads section.



Ordering data

Type	Article number	Colour temperature	Packaging, carton	Weight per pc.
LLE 20x280mm 1250lm 840 HV SNC3	**28002920**	4,000 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
Imax	540 mA
Max. permissible LF current ripple	600 mA
Max. permissible peak current	900 mA / max. 10 ms
Max. working voltage for insulation ②	400 V
Insulation test voltage	1.8 kV
CTI of the printed circuit board	≥ 600
ESD classification	Severity level 2
Risk group (IEC 62471) ③	RG1
Classification acc. to IEC 62031	Built-in
Type of protection	IP00
Life-time	up to 72,000 h

Approval marks

RoHS

Standards

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

Specific technical data

Type[4]	Article number	Photometric code	Typ. luminous flux at tp = 25 °C[5]	Typ. luminous flux at tp = 50 °C[5]	Typ. forward current	Min. forward voltage at tp = 50 °C	Max. forward voltage at tp = 25 °C	Typ. power consumption at tp = 50 °C[5]	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
Operating mode HE at 200 mA												
LLE 20x280mm 1250lm 840 HV SNC3	**28002920**	840/359	790 lm	750 lm	200 mA	20.2 V	23.9 V	4.4 W	178 lm/W	171 lm/W	154 lm/W	> 80
Operating mode HE at 250 mA												
LLE 20x280mm 1250lm 840 HV SNC3	**28002920**	840/359	980 lm	930 lm	250 mA	20.5 V	24.3 V	5.6 W	174 lm/W	168 lm/W	151 lm/W	> 80
Operating mode NM at 300 mA												
LLE 20x280mm 1250lm 840 HV SNC3	**28002920**	840/359	1,170 lm	1,100 lm	300 mA	20.8 V	24.6 V	6.8 W	171 lm/W	163 lm/W	147 lm/W	> 80
Operating mode NM at 350 mA												
LLE 20x280mm 1250lm 840 HV SNC3	**28002920**	840/359	1,340 lm	1,270 lm	350 mA	21.1 V	24.9 V	8.0 W	165 lm/W	159 lm/W	143 lm/W	> 80
Operating mode HO at 400 mA												
LLE 20x280mm 1250lm 840 HV SNC3	**28002920**	840/359	1,520 lm	1,440 lm	400 mA	21.3 V	25.2 V	9.2 W	162 lm/W	156 lm/W	140 lm/W	> 80
Operating mode HO at 450 mA												
LLE 20x280mm 1250lm 840 HV SNC3	**28002920**	840/359	1,690 lm	1,600 lm	450 mA	21.6 V	25.6 V	10.5 W	158 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 %.