

Module LLE 24mm 1250lm LV ADV5

Modules LLE advanced

**Product description**

- _ Ideal for linear and panel lights
- _ 4 terminals for parallel 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
- _ Option backside terminal
- _ Broad portfolio from extruded lenses and covers available
- _ HE ... High Efficiency, NM ... Nominal Mode, HO ... High Output
- _ Long lifetime up to 72,000 hours
- _ 5 years guarantee (conditions at www.tridonic.com)

Optical properties

- _ Colour temperatures 2,700, 3,000, 3,500, 4,000 and 6,500 K
- _ Useful luminous flux 2,507 lm at Irated and tp = 25 °C
- _ Efficacy of the LED module 190 lm/W at Irated and tp = 25 °C
- _ High colour rendering index CRI > 80
- _ High colour consistency (MacAdam 3) ^①
- _ Small luminous flux tolerances

Mechanical properties

- _ Module dimension 24 x 140 mm, 24 x 280 mm and 24 x 560 mm (ZHAGA compliant)
- _ Simple installation via clips or screws

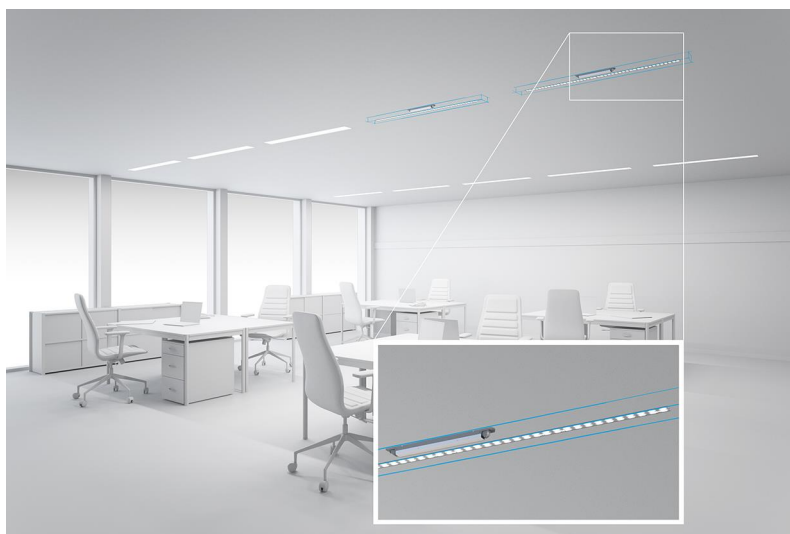
System solution

- _ Combine Tridonic's LED modules and dimmable drivers to achieve an outstanding system efficacy (configuration possible via <https://setbuilder.tridonic.com/>)

^① Integral measurement over the complete module.

Website

<http://www.tridonic.com/89603334>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



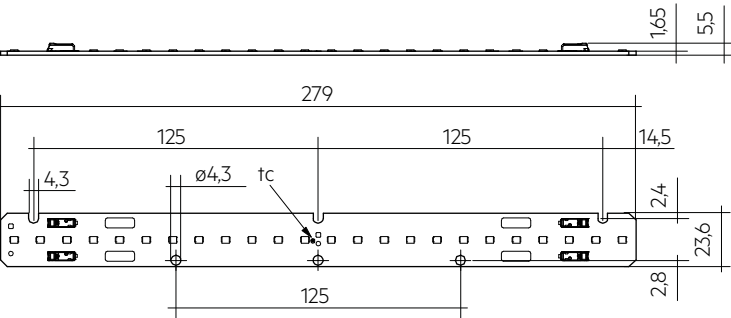
Decorative



High bay

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



LLE 24x280mm 1250lm LV ADV5

Ordering data				
Type	Article number	Colour temperature	Packaging, carton	Weight per pc.
Frontside terminal				
LLE 24x280mm 1250lm 827 LV ADV5	89603334	2,700 K	108 pc(s).	0.023 kg

Technical data

Beam characteristic	120°
Ambient temperature t_a	-40 ... +65 °C
t_p rated	50 °C
t_c	85 °C
I _{rated} for 650 lm	100 mA
I _{rated} for 1,250 lm	200 mA
I _{rated} for 2,400 lm	400 mA
I _{max} for 650 lm	180 mA
I _{max} for 1,250 lm	360 mA
I _{max} for 2,400 lm	720 mA
Max. permissible LF current ripple for 650 lm	200 mA
Max. permissible LF current ripple for 1,250 lm	400 mA
Max. permissible LF current ripple for 2,400 lm	800 mA
Max. permissible peak current for 650 lm	300 mA / max. 10 ms
Max. permissible peak current for 1,250 lm	600 mA / max. 10 ms
Max. permissible peak current for 2,400 lm	1,200 mA / max. 10 ms
Max. working voltage for insulation SELV ®	60 V
Insulation test voltage	0.5 kV
CTI of the printed circuit board	≥ 600
ESD classification	Severity level 4
Risk group (IEC 62471) for 650lm/ft at ≤ 156 mA	RG0
Risk group (IEC 62471) for 650lm/ft at I _{max}	RG1
Risk group (IEC 62471) for 1,250lm/ft at ≤ 312 mA	RG0
Risk group (IEC 62471) for 1,250lm/ft at I _{max}	RG1
Risk group (IEC 62471) for 2,400lm/ft at ≤ 624 mA	RG0
Risk group (IEC 62471) for 2,400lm/ft at I _{max}	RG1
Classification acc. to IEC 62031	Built-in
Type of protection	IP00
Lumen maintenance L70B50	72,000 h
Guarantee (conditions at www.tridonic.com)	5 Year(s)

Approval marks**Standards**

IEC 62031, IEC 62471, IEC 61000-4-2, IEC 62778, IEC 61547, UL 8750

Specific technical data

Type	Article number	Photometric code	Useful luminous flux at $t_p = 25\text{ °C}$ ®	Expected luminous flux at t_p rated	Typ. forward current	Min. forward voltage at t_p rated	Max. forward voltage at $t_p = 25\text{ °C}$	Power consumption P_{on} at $t_p = 25\text{ °C}$ ®	Efficacy of the module at $t_p = 25\text{ °C}$	Expected efficacy of the module at t_p rated	Colour rendering index CRI
Operating mode HE at 150 mA per foot (280 mm module length)											
LLE 24x280mm 1250lm 827 LV ADV5	89603334	827/359	-	879 lm	150 mA	31.2 V	33.8 V	-	-	178 lm/W	>80
Operating mode NM at 200 mA per foot (280 mm module length)											
LLE 24x280mm 1250lm 827 LV ADV5	89603334	827/359	1,162 lm	1,132 lm	200 mA	31.6 V	34.2 V	6.7 W	173 lm/W	170 lm/W	>80
Operating mode HO at 330 mA per foot (280 mm module length)											
LLE 24x280mm 1250lm 827 LV ADV5	89603334	827/359	-	1,817 lm	330 mA	32.7 V	35.3 V	-	-	160 lm/W	>80

® If mounted with M4 screws and plastic washers.

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

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

® Measurement tolerance forward voltage: ±0.1 V.

® Tolerance of power consumption P_{on} ± 10 %. Measurement uncertainty ± 5 %.