

Module LLE 24mm 1250lm HV ADV6

Modules LLE advanced

**Product description**

- _ Ideal for linear and panel lights
- _ 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
- _ Broad portfolio from extruded lenses and covers available
- _ Long lifetime up to 72,000 hours
- _ 5 years guarantee (conditions at www.tridonic.com)

Optical properties

- _ Colour temperatures 2,700, 3,000, 4,000, 5,000 and 6,500 K
- _ Useful luminous flux 2,482 lm at Irated and tp = 25 °C
- _ Efficacy of the LED module 205 lm/W at Irated and tp = 25 °C
- _ High colour rendering index CRI > 80
- _ High colour consistency (MacAdam 3) ①
- _ Small luminous flux tolerances

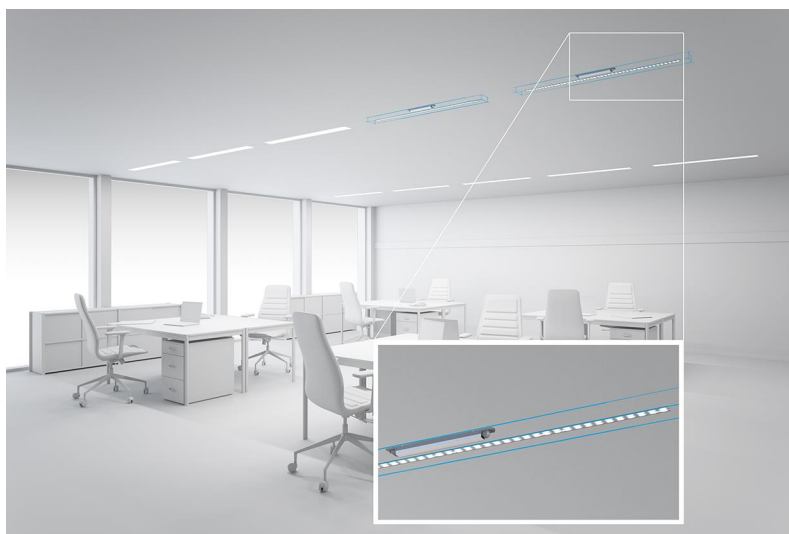
Mechanical properties

- _ Module dimension 24 x 70 mm, 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/28004774>

Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

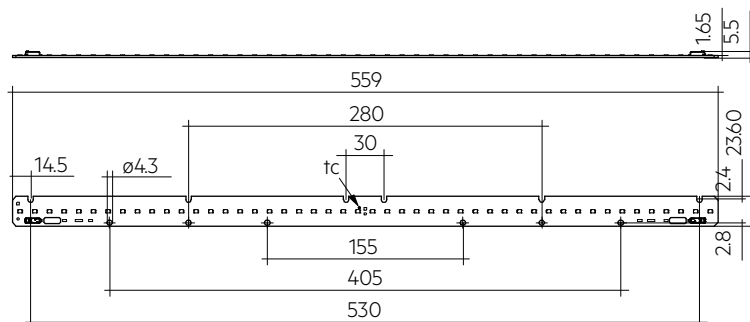


High bay

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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 24x560mm 2400lm 840 HV ADV6	28004774	4,000 K	108 pc(s).	0.041 kg

Technical data

Beam characteristic	120°
Ambient temperature t_a	-40 ... +65 °C
t_p rated	50 °C
t_c	85 °C
I_{rated}	275 mA
I_{max}	800 mA
Max. permissible LF current ripple	900 mA
Max. permissible peak current	1,350 mA / max. 10 ms
Max. working voltage for insulation [®]	440 V
Insulation test voltage	1,88 kV
ESD classification	Severity level 2
Risk group (IEC 62471)	RG1 (> 280 – 800 mA (I_{max})), RGO ($\leq$ 280 mA)
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 ^④	Article number	Photometric code ^⑤	Useful luminous flux at tp = 25 °C ^⑥	Expected luminous flux at tp rated ^⑦	Typ. forward current	Min. forward voltage at tp rated ^⑧	Max. forward voltage at tp = 25 °C ^⑧	Power consumption Pon at tp = 25 °C ^⑨	Efficacy of the module at tp = 25 °C	Expected efficacy of the module at tp rated	Colour rendering index CRI
Operating mode HE											
LLE 24x560mm 2400lm 840 HV ADV6	28004774	840/359	–	883 lm	100 mA	40.3 V	43.9 V	–	–	209 lm/W	>80
Operating mode NM											
LLE 24x560mm 2400lm 840 HV ADV6	28004774	840/359	2,482 lm	2,382 lm	275 mA	41.8 V	45.4 V	12.1 W	205 lm/W	198 lm/W	>80
Operating mode HO											
LLE 24x560mm 2400lm 840 HV ADV6	28004774	840/359	–	5,655 lm	700 mA	44.4 V	48.1 V	–	–	174 lm/W	>80

② If mounted with M4 screws with 7 mm head diameter.

③ Min. order quantity LLE 24x70mm QTY4: 36 pcs. The LLE 24x70mm QTY4 module contains 4 single 24x70mm modules which have to be separated.

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

⑤ The detailed explanation, see data sheet section 1.1.

⑥ Tolerance of useful light flux - 0 % / + 15 %. Measurement uncertainty ± 10 %.

⑦ Tolerance of expected light flux - 0 % / + 15 %. Measurement uncertainty ± 10 %. Based on calculation.

⑧ Measurement tolerance forward voltage: ±0.1 V.

⑨ Tolerance of power consumption Pon ± 10 %. Measurement uncertainty ± 5 %.