

Module LLE 24mm 650lm 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
- _ Option backside terminal
- _ Broad portfolio from extruded lenses and covers available
- _ HE ... High Efficiency, NM ... Nominal Mode, HO ... High Output
- _ Min. order quantity LLE 24x70mm QTY4: 36 pcs. The LLE 24x70mm QTY4 module contains 4 single 24x70mm modules which have to be separated
- _ 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, 5,000 and 6,500 K
- _ Useful luminous flux 1,241 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

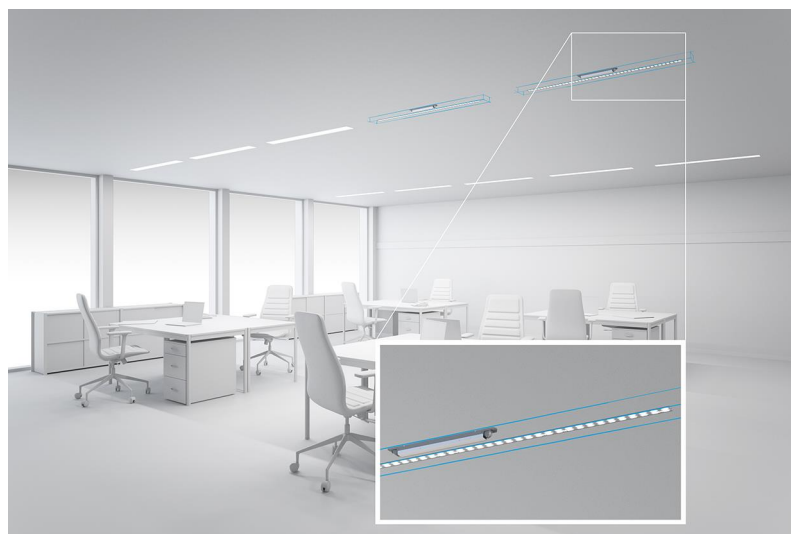
Mechanical properties

- _ 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/28004742>



Spotlights



Downlights



Linear



Area



Floor | Wall



Free-standing



Street



Decorative

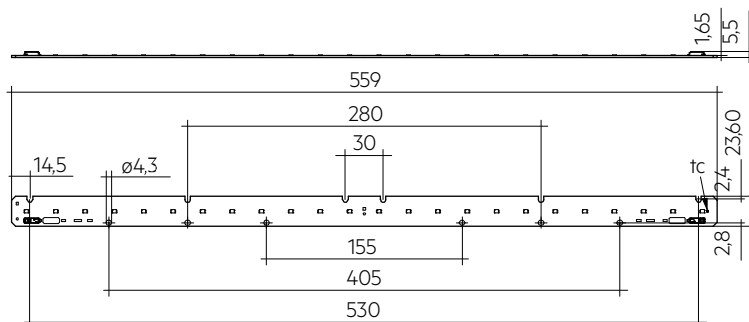


High bay

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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 1300lm 840 HV ADV6	28004742	4,000 K	108 pc(s).	0.041 kg
LLE 24x560mm 1300lm 840 HV ADV6	28004742	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 (> 562 – 800 mA (I_{max})), RGO ($\leq$ 562 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	Article number	Photometric code ^③	Useful luminous flux at tp = 25 °C ^⑤	Expected luminous flux at tp rated ^⑤	Typ. forward current	Min. forward voltage at tp rated	Max. forward voltage at tp = 25 °C ^⑥	Power consumption Pon at tp = 25 °C ^⑦	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 1300lm 840 HV ADV6	28004742	840/359	–	442 lm	100 mA	20.2 V	22.0 V	–	–	209 lm/W	>80
LLE 24x560mm 1300lm 840 HV ADV6	28004742	840/359	–	442 lm	100 mA	20.2 V	22.0 V	–	–	209 lm/W	>80
Operating mode NM											
LLE 24x560mm 1300lm 840 HV ADV6	28004742	840/359	1,241 lm	1,191 lm	275 mA	20.9 V	22.7 V	6.1 W	205 lm/W	198 lm/W	>80
LLE 24x560mm 1300lm 840 HV ADV6	28004742	840/359	1,241 lm	1,191 lm	275 mA	20.9 V	22.7 V	6.1 W	205 lm/W	198 lm/W	>80
Operating mode HO											
LLE 24x560mm 1300lm 840 HV ADV6	28004742	840/359	–	2,828 lm	700 mA	22.2 V	24.0 V	–	–	174 lm/W	>80
LLE 24x560mm 1300lm 840 HV ADV6	28004742	840/359	–	2,828 lm	700 mA	22.2 V	24.0 V	–	–	174 lm/W	>80

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

③ The detailed explanation, see data sheet section 1.1.

④ Tolerance of useful light flux - 0 % / + 15 %. Measurement uncertainty ± 10 %.

⑤ Tolerance of expected light flux - 0 % / + 15 %. Measurement uncertainty ± 10 %. Based on calculation.

⑥ Measurement tolerance forward voltage: ±0.1 V.

⑦ Tolerance of power consumption Pon ± 10 %. Measurement uncertainty ± 5 %.