

MK286-72H-24S3P-72V-20W-L560W20-20731

Built-in PCB lighting modules

The new MK286-72H-20731 is characterised by its particularly easy-to-use mounting and connection options (ZHAGA-compliant hole spacing). Thanks to producing a homogeneous light field without any discernible individual light points, these LED modules are ideal for use with reflectors in luminaires constructed for T5 and T8 lamps.



Technical data

Dimensions: 560x 20 mm
 On-board push-in terminals (WAGO 2059)
 Allowed operating temperature at tc point:
 -40 to 85 °C (> 320 mA)
 -40 to 105 °C (320 mA)
 Use of external LED constant-current drivers
 Efficiency up to 201 lm/W
 Colour rendering index Ra: > 80
 Colour accuracy initially: 3 SDCM;
 after 70,000 hrs. operating time: 4 SDCM
 Lumen maintenance L80/B10:
 70,000 hrs. (I_f320 mA)



Specific technical data

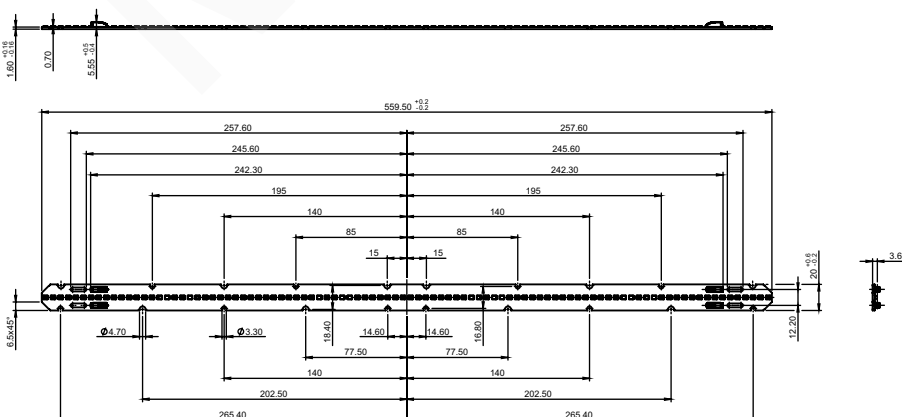
Type	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	Typ. Colour temperature (CCT)	Colour rendering index CRI	Min. forward voltage at tp = 65 °C	Max. forward voltage at tp = 25 °C	Typ. forward current	Typ. power consumption at tp = 65 °C	Max. forward current	Efficacy of the module at tp = 25 °C	Efficacy of the module at tp = 65 °C
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Linear-Z LED-module – L560 W20 H8

20W-20731LN	4,020Lm	3,880Lm	4,000K	>80	64.8V	74.4V	320mA	20.9W	480mA	201Lm/W	194Lm/W
	2,898Lm	2,800Lm					220mA	14.1W		207Lm/W	200Lm/W
	1,619Lm	1,566Lm					120mA	7.6W		213Lm/W	206Lm/W
20W-20731RK	3,640Lm	3,500Lm	4,000K	>80	64.8V	74.4V	310mA	20.5W	480mA	182Lm/W	175Lm/W
	2,444Lm	2,353Lm					210mA	13.6W		188Lm/W	181Lm/W
	1,385Lm	1,335Lm					110mA	7.1W		195Lm/W	188Lm/W

Emission data at tp = 65 °C | * Colour tolerance: 3 MacAdam | ** Production tolerance of luminous flux and efficiency: ±10 % | Min. CRI Ra: > 80

DIMENSIONS (All dimensions in mm)



Typical applications

- Installation in luminaires comerciais
- Office lighting
- Retail, corridor and shelf lighting
- T5/T8 replacement as built-in module
- Furniture lighting
- Backlighting for advertising

Website

<http://www.led-module.cn/pro121>

