

MK286-6H-2S3P-6V-1.5W-L70W24-21151

Built-in PCB lighting modules

The module is characterised by its particularly easy-to-use mounting and connection options (ZHAGA book 7-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.

1.5W@198Lm/w



Technical data

Dimensions: 70x 20 mm
 On-board push-in terminals (WAGO 2060)
 Allowed operating temperature at tc point:
 -40 to 85 °C (> 270 mA)
 Use of external LED constant-current drivers
 Efficiency up to 198 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. (If 270 mA)



Specific technical data

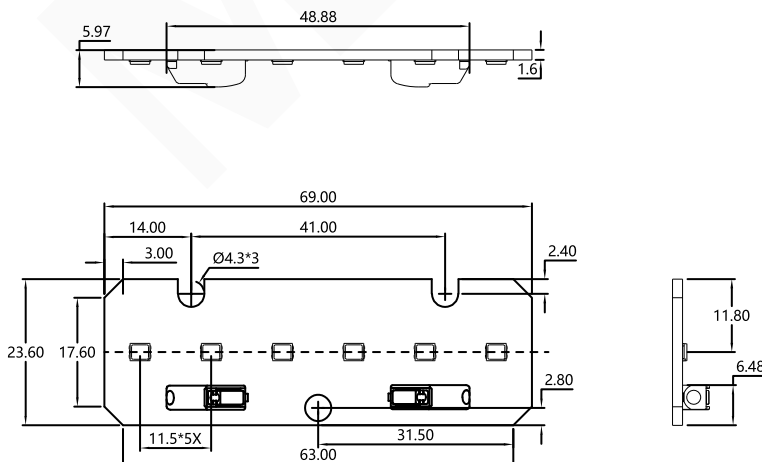
Type	Typ. luminous flux at tp = 25 °C	Max. luminous flux at tp = 25 °C	Typ. Colour temperature (CCT)	Colour rendering index CRI	Min. forward voltage at tp = 65 °C	Max. forward voltage at tp = 25 °C	Typ. forward current	Typ. power consumption at tp = 65 °C	Max. forward current	Typ. Efficacy of the module at tp = 25 °C	Max. Efficacy of the module at tp = 25 °C
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Linear-Z LED-module – L70 W24 H8

MK286-2S3P-24X70mm-21151	260Lm	275Lm	2,700K	>80	5V	6.8V	270mA	1.5W	1050mA	173Lm/W	183Lm/W
	263Lm	278Lm	3,000K				270mA	1.5W		175Lm/W	185Lm/W
	272Lm	287Lm	3,500K				270mA	1.5W		181Lm/W	191Lm/W
	279Lm	294Lm	4,000K				270mA	1.5W		186Lm/W	196Lm/W
	278Lm	293Lm	5,000K				270mA	1.5W		185Lm/W	195Lm/W
	282Lm	297Lm	5,700K				270mA	1.5W		188Lm/W	198Lm/W
	275Lm	290Lm	6,500K				270mA	1.5W		183Lm/W	193Lm/W

1. Tolerance of useful light flux - 0 % / + 15 %. Measurement uncertainty + 10 %.
 2. Typ. Measurement uncertainty + 10 %. Based on integrating sphere.
 3. Max. Measurement uncertainty + 10 %. Based on calculation.

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/prol272>

