

## MK286-9H-3S3P-9V-2.5W-L70W20-20724

### Built-in PCB lighting modules

The new MK286-9H-20724 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: 70x 20 mm  
 On-board push-in terminals (WAGO 2059)  
 Allowed operating temperature at tc point:  
 -40 to 85 °C (> 300 mA)  
 -40 to 105 °C (300 mA)  
 Use of external LED constant-current drivers  
 Efficiency up to 192 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 300 mA)

### Specific technical data

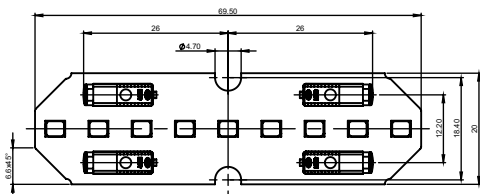
Type	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	Typ. Colour temperature (CCT)	Colour rendering index CRI	Min. forward voltage at tp = 65 °C	Max. forward voltage at tp = 25 °C	Typ. forward current	Typ. power consumption at tp = 65 °C	Max. forward current	Efficacy of the module at tp = 25 °C	Efficacy of the module at tp = 65 °C
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#### Linear-Z LED-module – L140 W20 H8

2.5W-20724LN	480.0Lm	462.5Lm	4,000K	>80	8.1V	9.3V	300mA	2.5W	480mA	192Lm/W	185Lm/W
	338.3Lm	326.4Lm					200mA	1.7W		199Lm/W	192Lm/W
	164.0Lm	158.4Lm					100mA	0.8W		205Lm/W	198Lm/W
2.5W-20724RK	447.2Lm	429.0Lm	4,000K	>80	8.1V	9.3V	300mA	2.6W	480mA	172Lm/W	165Lm/W
	302.6Lm	290.7Lm					200mA	1.7W		178Lm/W	171Lm/W
	148.8Lm	143.2Lm					100mA	0.8W		186Lm/W	179Lm/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/pro111>

