

## MK286-16H-4S4P-12V-5W-L124W20-20723

### Built-in PCB lighting modules

The new MK286-16H-20723 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: 124x 20 mm  
 On-board push-in terminals (WAGO 2059)  
 Allowed operating temperature at tc point:  
 -40 to 85 °C (> 450 mA)  
 -40 to 105 °C (450 mA)  
 Use of external LED constant-current drivers  
 Efficiency up to 194 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. (If450 mA)



### Specific technical data

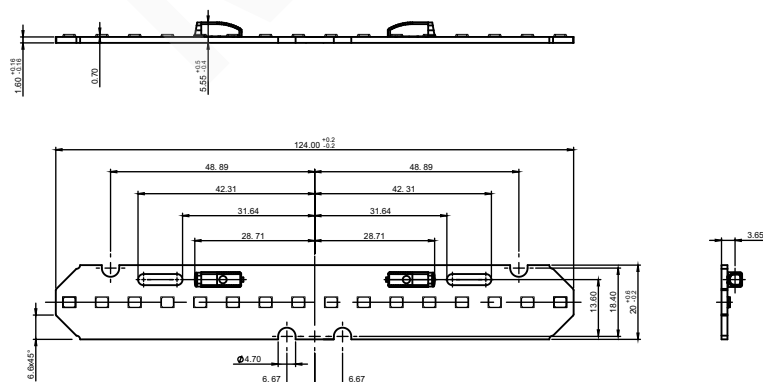
Type	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	Typ. Colour temperature (CCT)	Colour rendering index CRI	Min. forward voltage at tp = 65 °C	Max. forward voltage at tp = 25 °C	Typ. forward current	Typ. power consumption at tp = 65 °C	Max. forward current	Efficacy of the module at tp = 25 °C	Efficacy of the module at tp = 65 °C
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#### Linear-Z LED-module – L124 W20 H8

5W-20723LN	989.4Lm	953.7Lm	4,000K	>80	10.8V	12.4V	450mA	5.1W	640mA	194Lm/W	187Lm/W
	772.2Lm	744.9Lm					350mA	3.9W		198Lm/W	191Lm/W
	548.1Lm	529.2Lm					250mA	2.7W		203Lm/W	196Lm/W
5W-20723RK	882.3Lm	846.6Lm	4,000K	>80	10.8V	12.4V	450mA	5.1W	640mA	173Lm/W	166Lm/W
	694.2Lm	666.9Lm					350mA	3.9W		178Lm/W	171Lm/W
	515.2Lm	495.6Lm					250mA	2.8W		184Lm/W	177Lm/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/pro116>

