

MK286-6H--2S3P-6V-2.5W-L70W20-20725

Built-in PCB lighting modules

The new MK286-6H-20725 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 (> 450 mA)

–40 to 105 °C (450 mA)

Use of external LED constant-current drivers

Efficiency up to 181 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 450 mA)



Specific technical data

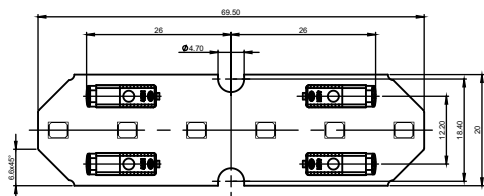
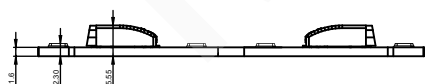
Type	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	Typ. Colour temperature (CCT)	Colour rendering index CRI	Min. forward voltage at tp = 65 °C	Max. forward voltage at tp = 25 °C	Typ. forward current	Typ. power consumption at tp = 65 °C	Max. forward current	Efficacy of the module at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

2.5W-20725LN	470.6Lm	452.4Lm	4,000K	>80	5.4V	6.2V	450mA	2.6W	480mA	181Lm/W	174Lm/W
	390.6Lm	375.9Lm					350mA	2.1W		186Lm/W	179Lm/W
	268.8Lm	259.0Lm					250mA	1.4W		192Lm/W	185Lm/W
2.5W-20725RK	416.0Lm	397.8Lm	4,000K	>80	5.4V	6.2V	450mA	2.6W	480mA	160Lm/W	153Lm/W
	348.6Lm	333.9Lm					350mA	2.1W		166Lm/W	159Lm/W
	243.6Lm	233.8Lm					250mA	1.4W		174Lm/W	167Lm/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/pro109>

