

MK286-24H-8S3P-24V-10W-L280W20-20729

Built-in PCB lighting modules

The new MK286-24H-20729 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: 280x 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 196 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

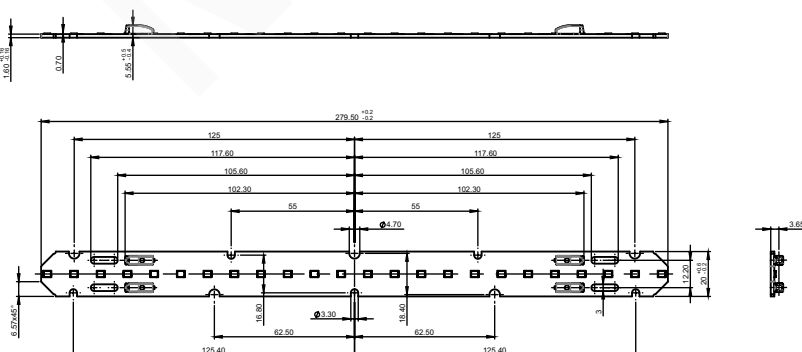
Type	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	Typ. Colour temperature (CCT)	Colour rendering index CRI	Min. forward voltage at tp = 65 °C	Max. forward voltage at tp = 25 °C	Typ. forward current	Typ. power consumption at tp = 65 °C	Max. forward current	Efficacy of the module at tp = 25 °C	Efficacy of the module at tp = 65 °C
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Linear-Z LED-module – L280 W20 H8

10W-20729LN	1,960Lm	1,890Lm	4,000K	>80	21.6V	24.8V	450mA	10.1W	480mA	196Lm/W	189Lm/W
	1,540Lm	1,486Lm					350mA	7.7W		200Lm/W	193Lm/W
	1,112Lm	1,075Lm					250mA	5.4W		206Lm/W	199Lm/W
10W-20729RK	1,710Lm	1,640Lm	4,000K	>80	21.6V	24.8V	450mA	10.3W	480mA	171Lm/W	164Lm/W
	1,398Lm	1,343Lm					350mA	7.9W		177Lm/W	170Lm/W
	1,012Lm	974Lm					450mA	5.5W		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 comerciales
- 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/pro1114>

