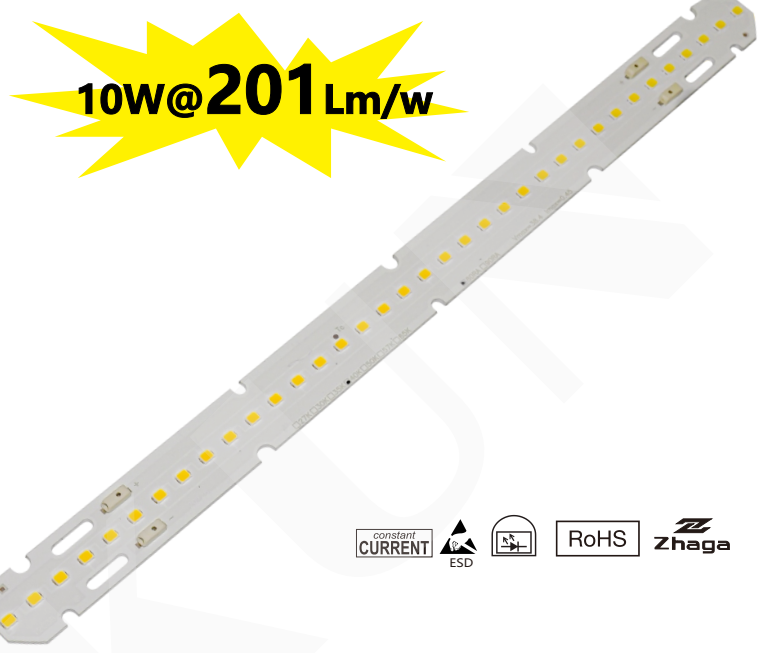


## MK286-36H-12S3P-36V-10W-L280W20-20728

### Built-in PCB lighting modules

The new MK286-36H-20728 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 (> 320 mA)  
 -40 to 105 °C (320 mA)  
 Use of external LED constant-current drivers  
 Efficiency up to 201 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. (lf320 mA)



### Specific technical data

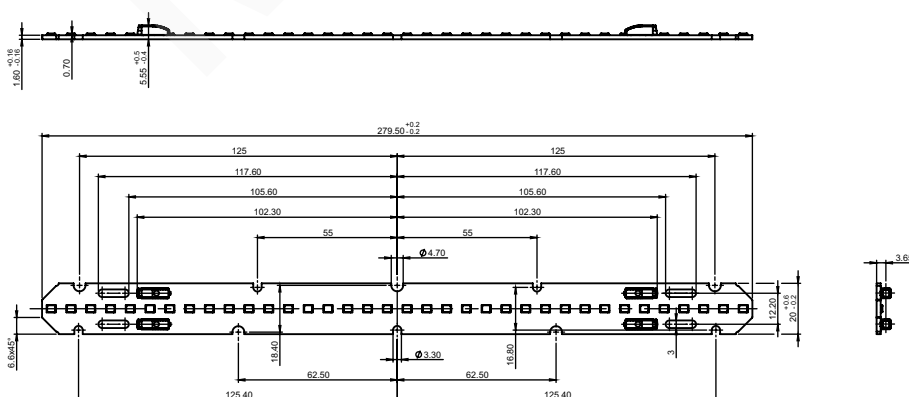
Type	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	Typ. Colour temperature (CCT)	Colour rendering index CRI	Min. forward voltage at tp = 65 °C	Max. forward voltage at tp = 25 °C	Typ. forward current	Typ. power consumption at tp = 65 °C	Max. forward current	Efficacy of the module at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

10W-20728LN	2,010Lm	1,940Lm	4,000K	>80	32.4V	37.2V	320mA	10.6W	480mA	201Lm/W	194Lm/W
	1,470Lm	1,420Lm					220mA	7.1W		207Lm/W	200Lm/W
	805.6Lm	779.0Lm					120mA	3.8W		212Lm/W	205Lm/W
10W-20728RK	1,790Lm	1,720Lm	4,000K	>80	32.4V	37.2V	310mA	10.3W	480mA	179Lm/W	172Lm/W
	1,283Lm	1,235Lm					210mA	6.9W		186Lm/W	179Lm/W
	675.5Lm	651.0Lm					110mA	3.5W		193Lm/W	186Lm/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/pro119>

