

## MK286-48H-16S3P-48V-20W-L560W20-20732

### Built-in PCB lighting modules

The new MK286-48H-20732 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: 560x 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

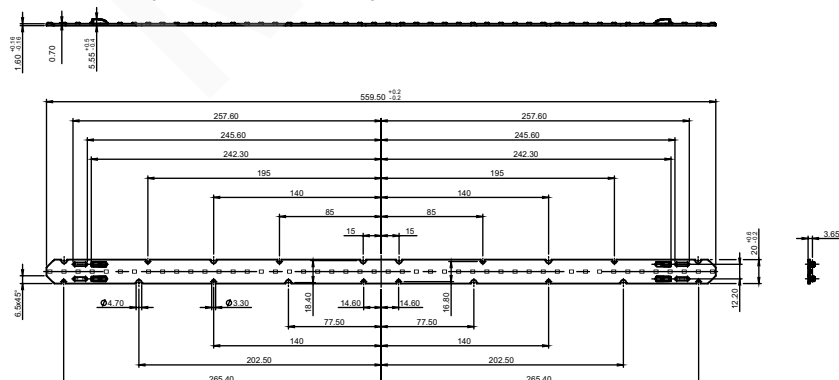
Type	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	Typ. Colour temperature (CCT)	Colour rendering index CRI	Min. forward voltage at tp = 65 °C	Max. forward voltage at tp = 25 °C	Typ. forward current	Typ. power consumption at tp = 65 °C	Max. forward current	Efficacy of the module at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

#### Linear-Z LED-module – L560 W20 H8

20W-20732LN	3,920Lm	3,780Lm	4,000K	>80	43.2V	49.6V	450mA	20.2W	480mA	196Lm/W	189Lm/W
	3,015Lm	2,910Lm					350mA	15.4W		201Lm/W	194Lm/W
	2,060Lm	1,990Lm					250mA	10.8W		206Lm/W	199Lm/W
20W-20732RK	3,420Lm	3,280Lm	4,000K	>80	43.2V	49.6V	450mA	20.4W	480mA	171Lm/W	164Lm/W
	2,640Lm	2,535Lm					350mA	15.6W		176Lm/W	169Lm/W
	1,830Lm	1,760Lm					250mA	10.9W		183Lm/W	176Lm/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/pro115>

