

MK286-64H-16S4P-48V-20W-L560W20-20733

Built-in PCB lighting modules

The new MK286-64H-20733 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 200 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. (lf450 mA)



Specific technical data

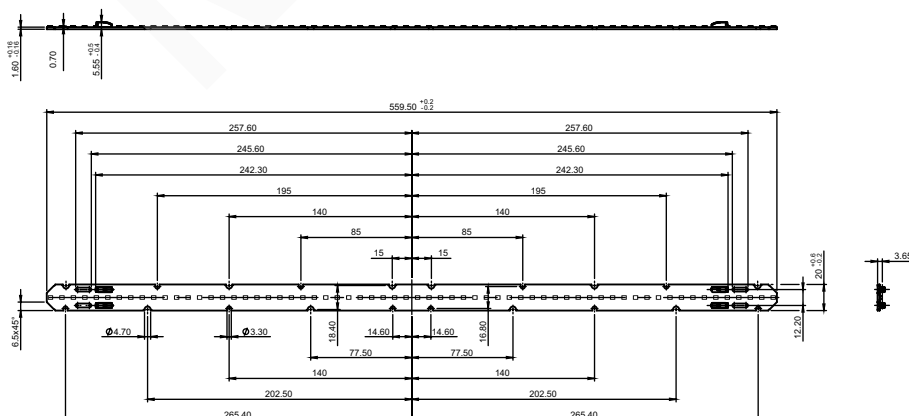
Type	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	Typ. Colour temperature (CCT)	Colour rendering index CRI	Min. forward voltage at tp = 65 °C	Max. forward voltage at tp = 25 °C	Typ. forward current	Typ. power consumption at tp = 65 °C	Max. forward current	Efficacy of the module at tp = 25 °C	Efficacy of the module at tp = 65 °C
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Linear-Z LED-module – L560 W20 H8

20W-20733LN	4,000Lm	3,860Lm	4,000K	> 80	43.2V	49.6V	450mA	20.1W	640mA	200Lm/W	193Lm/W
	3,060Lm	2,955Lm					350mA	15.2W		204Lm/W	197Lm/W
	2,090Lm	2,020Lm					250mA	10.7W		209Lm/W	202Lm/W
20W-20733RK	3,600Lm	3,460Lm	4,000K	> 80	43.2V	49.6V	450mA	20.1W	640mA	180Lm/W	173Lm/W
	2,760Lm	2,655Lm					350mA	15.3W		184Lm/W	177Lm/W
	1,890Lm	1,820Lm					250mA	10.8W		189Lm/W	182Lm/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/pro120>

