

MK286-18H-6S3P-18V-5W-L140W20-20726

Built-in PCB lighting modules

The new MK286-18H-20726 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: 140x 20 mm
 On-board push-in terminals (WAGO 2059)
 Allowed operating temperature at tc point:
 -40 to 85 °C (> 300 mA)
 -40 to 105 °C (300 mA)
 Use of external LED constant-current drivers
 Efficiency up to 197 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 300 mA)

Specific technical data

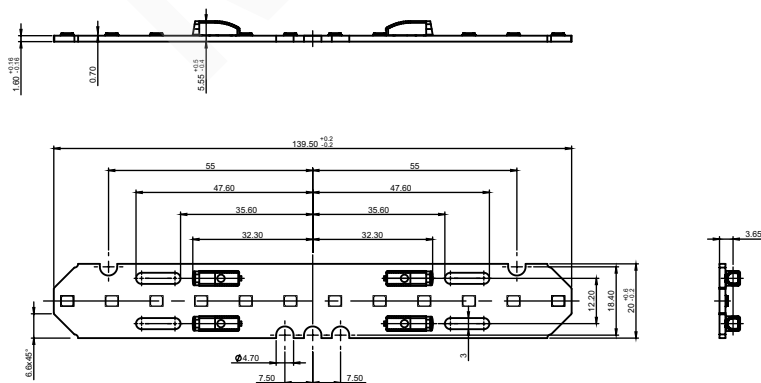
Type	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	Typ. Colour temperature (CCT)	Colour rendering index CRI	Min. forward voltage at tp = 65 °C	Max. forward voltage at tp = 25 °C	Typ. forward current	Typ. power consumption at tp = 65 °C	Max. forward current	Efficacy of the module at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

5W-20726LN	1,005Lm	969.0Lm	4,000K	>80	16.2V	18.6V	300mA	5.1W	480mA	197Lm/W	190Lm/W
	673.2Lm	650.1Lm					200mA	3.3W		204Lm/W	197Lm/W
	336.0Lm	324.8Lm					100mA	1.6W		210Lm/W	203Lm/W
5W-20726RK	918.0Lm	882.3Lm	4,000K	>80	16.2V	18.6V	300mA	5.1W	480mA	180Lm/W	173Lm/W
	613.8Lm	590.7Lm					200mA	3.3W		186Lm/W	179Lm/W
	310.4Lm	299.2Lm					100mA	1.6W		194Lm/W	187Lm/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/pro117>

