

LL286-168H-12S7P*2-36V-40W-L1118R4W20-21348



Technical data

Dimensions: 1118.4x 20 mm
 On-board push-in terminals (WAGO 2065)
 Allowed operating temperature at tc point:
 -40 to 85 °C (> 1250 mA)
 Use of external LED constant-current drivers
 Efficiency up to 199 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 1250 mA)

40W@199Lm/w

Built-in PCB lighting modules

The module is characterised by its particularly easy-to-use mounting and connection options (ZHAGA book 7-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.

Specific technical data

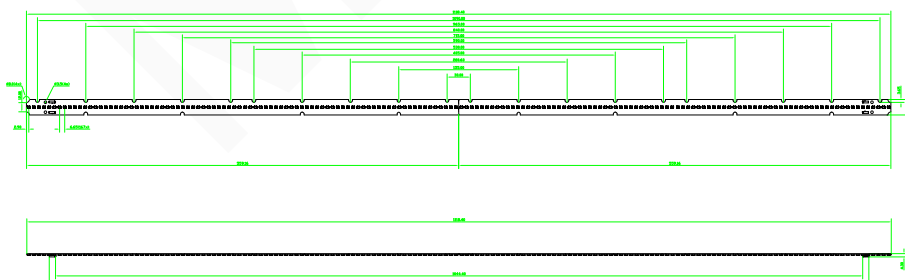
Type	Typ. luminous flux at tp = 25 °C	Typ. luminous flux at tp = 65 °C	Typ. Colour temperature (CCT)	Colour rendering index CRI	Min. forward voltage at tp = 65 °C	Max. forward voltage at tp = 25 °C	Typ. forward current	Typ. power consumption at tp = 65 °C	Max. forward current	Efficacy of the module at tp = 25 °C	Efficacy of the module at tp = 65 °C
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Linear-Z LED-module – L1118.4 W20H6

Type	Typ. luminous flux (lm)		Typ. Colour temperature (CCT)	Colour rendering index CRI	Min. forward voltage (V)	Max. forward voltage (V)	Typ. forward current (mA)	Typ. power consumption (W)	Max. forward current (mA)	Efficacy (lm/W)	
	at 25 °C	at 65 °C								at 25 °C	at 65 °C
LL286-12S14P-1120X20mm-21348	7,503	7,216	2,700K	>80	30V	34.8V	1250mA	41.7W	4000mA	183	176
	7,585	7,298	3,000K				1250mA	41.7W		185	178
	8,077	7,790	4,000K				1250mA	41.6W		197	190
	8,036	7,749	5,000K				1250mA	41.7W		196	189
	8,159	7,872	5,700K				1250mA	41.4W		199	192
	7,954	7,667	6,500K				1250mA	41.6W		194	187

* The values mentioned above represent only statistical variables on account of the complex manufacturing process of light emitting diodes. The values do not necessarily correspond exactly to the actual parameters of every single product which can vary from the typical specification.
 ** Production tolerance of voltage and power consumption: +10%/−4%; Measuring tolerance of luminous flux: ±7%
 *** Measuring tolerance of CRI: ±2 | CRI > 80 on request

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/prol293>

