LL286-12H-12S1P-36V-5W-L140W20-21042

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.

5W@188Lm/w

constant CURRENT · ESD · RoHS · Zhaga

Technical data

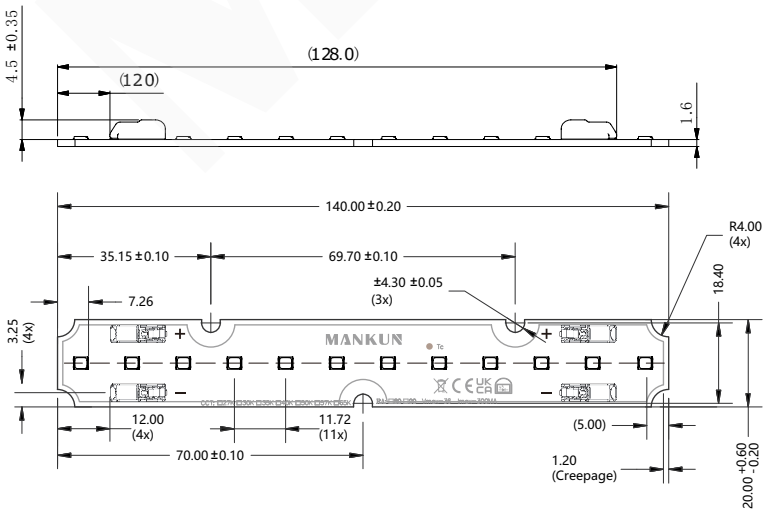
Dimensions: 140 x 20 mm
On-board push-in terminals (WAGO 2060)
Allowed operating temperature at tc point:
–40 to 85 °C (> 150 mA)
Use of external LED constant-current drivers
Efficiency up to 188 lm/W
Colour rendering index Ra: > 80
Colour accuracy initially: 3 SDCM;
after 70,000 hrs. operating time: 4 SDCM
Lumen maintenance L80/B10:
70,000 hrs. (If 150 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 – L140 W20 H8											
LL286-12S1P-140X20mm-21042	882Lm	847Lm	2,700K	>80	30V	34.8V	150mA	5.1W	150mA	173Lm/W	166Lm/W
	903Lm	867Lm	3,000K				150mA	5.1W		177Lm/W	170Lm/W
	938Lm	903Lm	4,000K				150mA	5.1W		184Lm/W	177Lm/W
	949Lm	913Lm	5,000K				150mA	5.1W		186Lm/W	179Lm/W
	959Lm	923Lm	5,700K				150mA	5.1W		188Lm/W	181Lm/W
	938Lm	903Lm	6,500K				150mA	5.1W		184Lm/W	177Lm/W

* 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 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/prol166