

## LL286-144H-12S6P\*2-36V-40W-L1118R4W20-21347



### 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 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 1250 mA)

**40W@196Lm/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

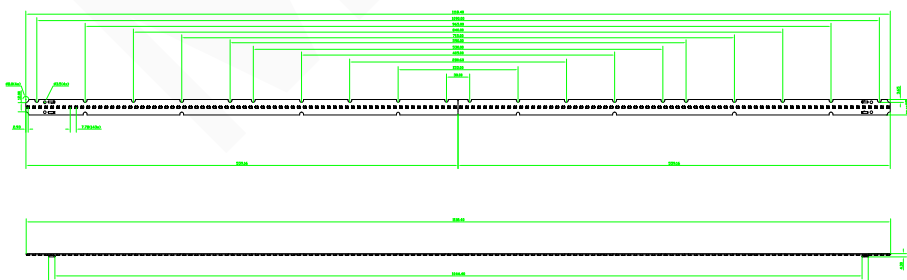
| Type | Typ. luminous flux at tp = 25 °C | Typ. luminous flux at tp = 65 °C | Typ. Colour temperature (CCT) | Colour rendering index CRI | Min. forward voltage at tp = 65 °C | Max. forward voltage at tp = 25 °C | Typ. forward current | Typ. power consumption at tp = 65 °C | Max. forward current | Efficacy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

#### Linear-Z LED-module – L1118.4 W20H6

| Type                         | Typ. luminous flux (lm) |       | Typ. CCT (K) | CRI | Min. Vf (V) | Max. Vf (V) | Typ. If (mA) | Typ. P (W) | Max. If (mA) | Efficacy (lm/W) |       |
|------------------------------|-------------------------|-------|--------------|-----|-------------|-------------|--------------|------------|--------------|-----------------|-------|
|                              | 25 °C                   | 65 °C |              |     |             |             |              |            |              | 25 °C           | 65 °C |
| LL286-12S12P-1120X20mm-21347 | 7,380                   | 7,093 | 2,700        | >80 | 30V         | 34.8V       | 1250mA       | 41.4W      | 3600mA       | 180             | 173   |
|                              | 7,462                   | 7,175 | 3,000        |     |             |             | 1250mA       | 41.9W      |              | 182             | 175   |
|                              | 7,913                   | 7,626 | 4,000        |     |             |             | 1250mA       | 41.7W      |              | 193             | 186   |
|                              | 7,913                   | 7,626 | 5,000        |     |             |             | 1250mA       | 41.9W      |              | 193             | 186   |
|                              | 8,036                   | 7,749 | 5,700        |     |             |             | 1250mA       | 41.6W      |              | 196             | 189   |
|                              | 8,022                   | 7,728 | 6,500        |     |             |             | 1250mA       | 42.4W      |              | 191             | 184   |

\* 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/prol292>

