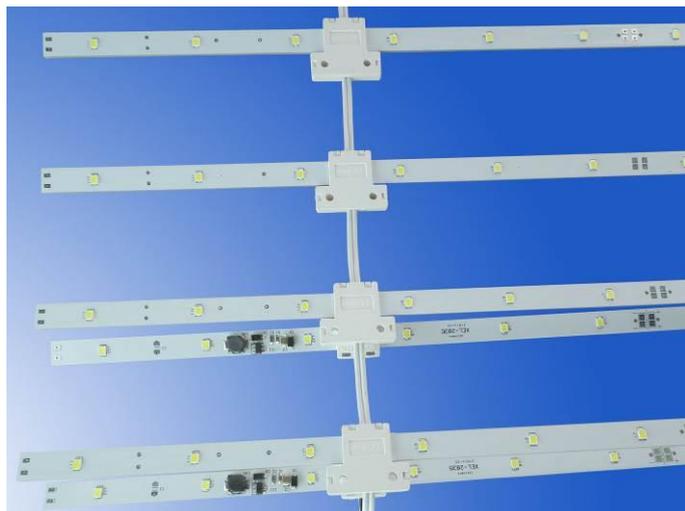


Description: BKTxx LED lattice backlight (LED curtain, LED bamboo slips) ; Patent No.:ZL201220134846. Use top SMD LED, high light efficiency, Can be used for curved spaces. designed for light boxes designed for backlighting. Compared to fluorescent tube backlight, saving 60%; compared to the LED module backlight, lower prices, affordable, small size, easy transportation. Ideal advertising backlight! Engineering advertising backlight.



Features:

1. Highest luminous efficiency, 115Lm/W; The actual test in excess of 50% optical efficiency than similar products.
2. The most economical LED backlight
3. Mercury-free, no harmful rays, no flicker, instant start
4. Minimal can depth required at 9cm distance there will not be hot spots seen on the graphic!
5. Easy to install, only need a screw.
6. TYPE Built-in constant current input voltage DC12~48V; Maximum connected in series 240W; 100pcs LED strip.
7. Warranty: 2 years

Scope of application:

Dedicated direct type backlight, advertising signs backlight, Advertising light box.

Electronical Specifications:

Input: DC12V or DC12~48V

Power: --

Viewing angle: 120° LED luminous efficiency: $\geq 130\text{Lm} / \text{W}$

Color rendering index: Ra 75/85

Available colors: Warm White 2700-3200K,

Neutral White 4200-4700K, Cool white 6000-6500K

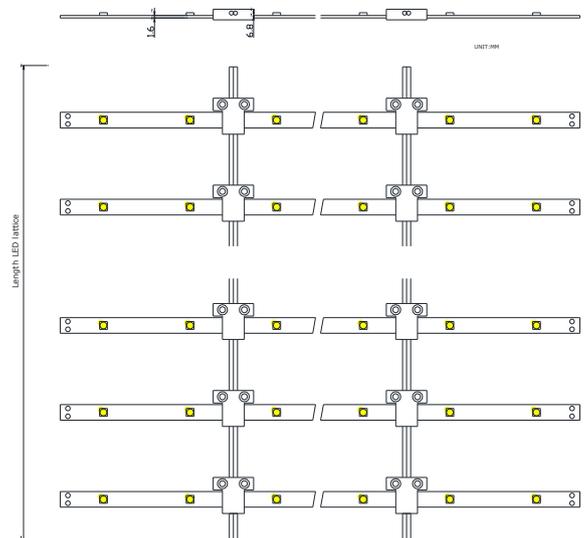
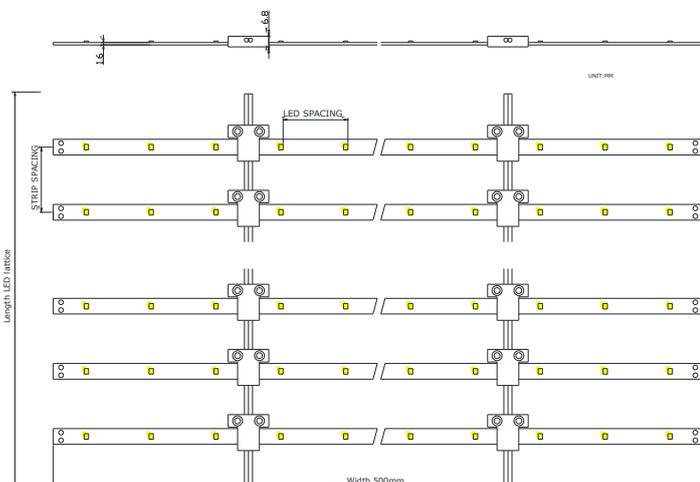
Mechanical Specifications:

Main Material: LED, rigid PCB, cable wire, Connector

Dimensions: see table below

Thickness: 4mm

Temperature: -30°C ~55°C Storage Temperature -20°C ~80°C



BKTxx series commonly used size data sheet:

| MODEL | Strip Diameter | Lumen | Power | Input DC | LED spacing | Strip spacing | Series connection | Comment |
|-------------------------------------|----------------|----------------|-------|------------|-------------|---------------|-------------------|--|
| BKT41S | 500x10x2.8 | 270Lm 12LED | 2.7W | 12V or 24V | 41.6mm | 41~60mm | 48pcs /12V | SMD2835 |
| | 125x10x2.8 | 68Lm 3LED | 0.7W | 12V or 24V | 41.6mm | 41~60mm | 96pcs /24V | |
| BKT41D Double side LED | 500x10x3.2 | 540Lm 24LED | 5.4W | 12V or 24V | 41.6mm | 41~60mm | 48pcs /12V | Limit resistor 3LED group |
| | 125x10x3.2 | 140Lm 6LED | 1.4W | 12V or 24V | 41.6mm | 41~60mm | 96pcs /24V | |
| BKT50S | 600x10x2.8 | 270Lm 12LED | 2.7W | 12V or 24V | 41.6mm | 50mm | 48pcs /12V | SMD2835 |
| | 125x10x2.8 | 68Lm 3LED | 0.7W | 12V or 24V | 41.6mm | 50mm | 96pcs /24V | |
| BKT50D Double side LED | 600x10x3.2 | 540Lm 24LED | 5.4W | 12V or 24V | 41.6mm | 50mm | 48pcs /12V | Limit resistor 3LED group |
| | 125x10x3.2 | 140Lm 6LED | 1.4W | 12V or 24V | 41.6mm | 50mm | 96pcs /24V | |
| BKT41S-CC | 500x10x2.8 | 270Lm 12LED | 2.4W | 12~48V | 41.6mm | 41~60mm | Max: 200pcs | SMD2835 Built-in constant current inductive step-down Not cut |
| | 250x10x2.8 | 138Lm 6LED | 1.2W | 12~48V | 41.6mm | 41~60mm | | |
| BKT41D-CC Double side LED | 500x10x3.5 | 540Lm 24LED | 4.8W | 12~48V | 41.6mm | 41~60mm | Max: 100pcs | |
| | 250x10x3.5 | 278Lm 12LED | 2.4W | 12~48V | 41.6mm | 41~60mm | | |
| BKT60S | 600x10x2.8 | 240Lm 10LED | 2.4W | 12V | 60mm | 60mm | Max: 50pcs | SMD5050 Limit resistor 1LED group |

The above table data testing at room temperature is 25°C, test voltage DC12V; LED color temperature 6000-6500K, CRI: > 85 (BKT60S CRI 75)

Tolerance range for optical and electrical data: ±10 %.Life 40000hours @ 25°C

Note: Warm White 2700~3200K, Neutral White 4200~4700K, brightness is reduced by 5%.

CAUTION: This product is installed by a professional engineering staff.

Safety Information

- The LED lattice (curtain) itself and all its components may not be mechanically stressed.
- Assembly must not damage or destroy conducting paths on the circuit board.
- Installation of LED lamp (with power supplies) needs to be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
- Correct electrical polarity needs to be observed. Wrong polarity may destroy the LED lattice (curtain).
- Please ensure that the power supply of adapters power to operate the total load.
- When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between strip and the mounting surface.
- Pay attention to standard ESD precautions when installing the LED lattice (curtain).
- Damaged by corrosion will not be honored as a materials defect claim. It is the user's responsibility to provide suitable protection against corrosive agents such as moisture and condensation and other harmful elements.
- Non Waterproof LED lattice (curtain)
- LED lattice (curtain) can't be used as support, you need fixed in the frame, fixed to the wall, otherwise, may cause deformation.
- Please be sure you choose right AC/DC power adaptor to drive LED lattices. If you have difficulty to buy such adaptor locally, please turn to us. (If you use poor quality of the LED power supply; LED lattice (caused damage, we will not warranty).