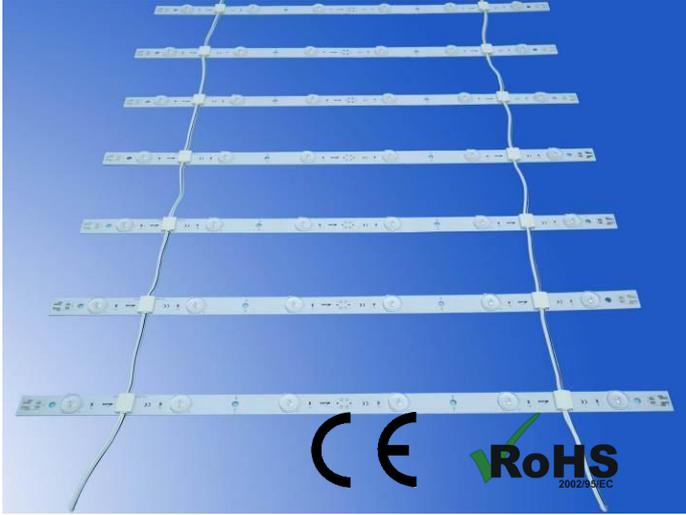


**Description:** RX-BKT41X2-50018 LED lattice backlight (LED curtain, LED bamboo slips) Patent No.:ZL201220134846. LATTICE LED Matrix Lighting System is the most versatile and practical illumination solution for indoor and outdoor sign cabinets and large area illumination. Innovative design of LATTICE system comes in lightweight easy-to-install rolls, which allows for easy population of perfectly spaced LEDs in minutes for uniform backlit lighting.



**Features:**

1. Highest luminous efficiency 95Lm/W; The actual test in excess of 50% optical efficiency than similar products.
2. Perfect square Matrix
3. Minimal depth required at 50mm distance no hot spots on the graphic!
4. Available in 0.5m, widths and max 4.6m/length rolls.( Two LED cut!)
5. Warranty: 3 years

**Scope of applications:**

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



**LED to LED**

83mm

**Luminous efficiency**

95Lm/W DC24V

**Bar to Bar**

93mm

**Brightness**

9000Lm/m<sup>2</sup>

**LED to face distance**

> 50mm

**Power Consumption**

90W/m<sup>2</sup>

**Technical Data:**

MODEL	Strip Diameter	Lumen	Power	Input DC	LED spacing	Strip spacing	Series connection	Comment
RX-BKT41X2-50018	496x18x7mm	400Lm 6LED	4.2W	24V	83mm	93mm	Max: 50pcs/Roll	High thermal MCPCB  SMD2835@18V  Limit resistor 1LED group

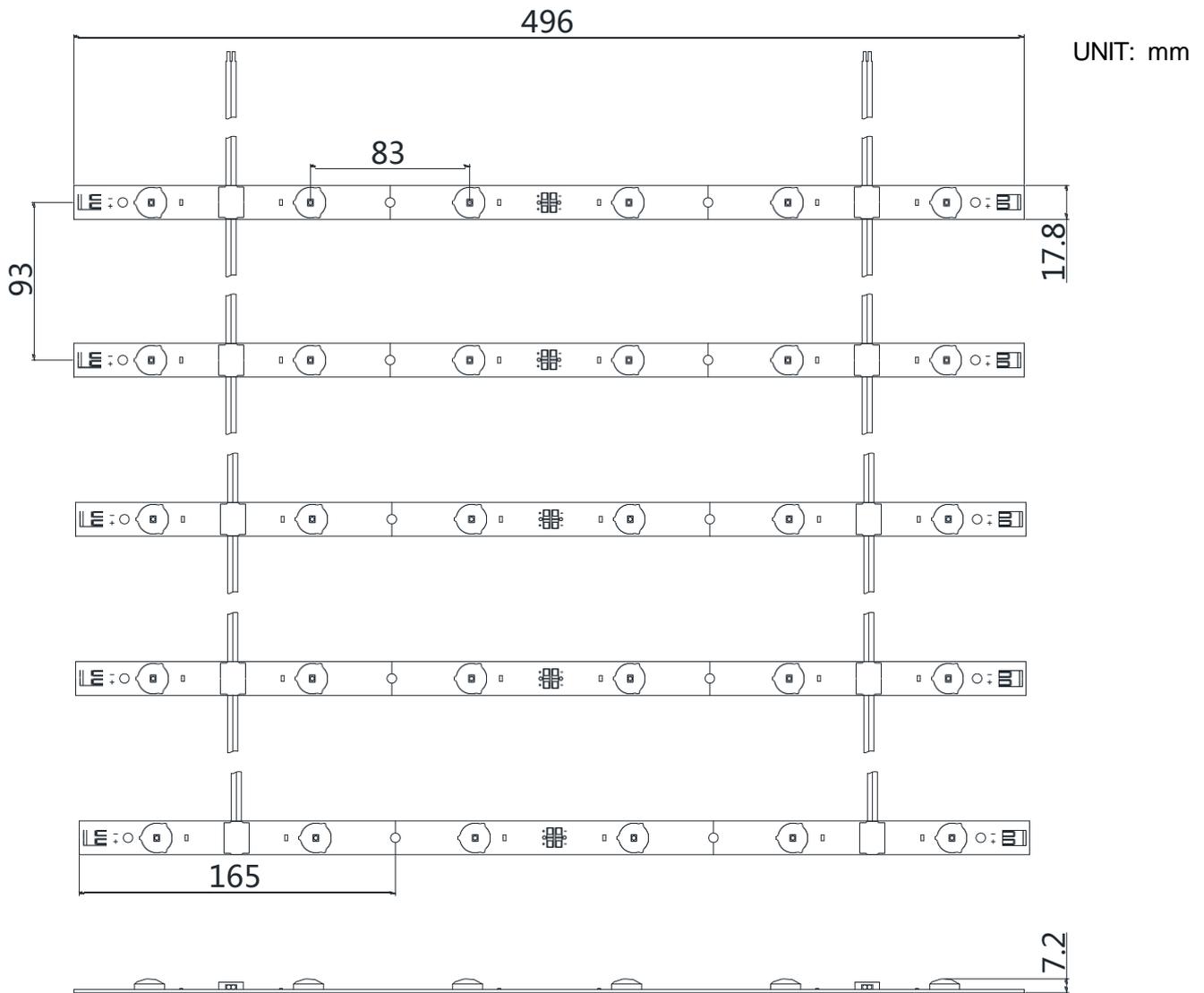
The above table data testing at room temperature is 25°C, Test TCP 38 °C

Test LED color temperature 5800-6250K, CRI: >80, (WW2800~3200K 92% brightness ; NW3800~4200K 96% brightness)

Protection: IP44; Beam spread: 160°/With Lens

\*Tolerance range for optical and electrical data: ±10 %. Life 50000hours@25 °C

Dimension:



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

### Safety Information

1. The LED lattice (curtain) itself and all its components may not be mechanically stressed.
2. Assembly must not damage or destroy conducting paths on the circuit board.
3. 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.
4. Correct electrical polarity needs to be observed. Wrong polarity may destroy the LED lattice (curtain).
5. Please ensure that the power supply of adapters power to operate the total load.
6. When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between strip and the mounting surface.
7. Pay attention to standard ESD precautions when installing the LED lattice (curtain).
8. 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.
9. Non Waterproof LED lattice (curtain)
10. LED lattice (curtain) can't be used as support, you need fixed in the frame, fixed to the wall, otherwise, may cause deformation.
11. 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).