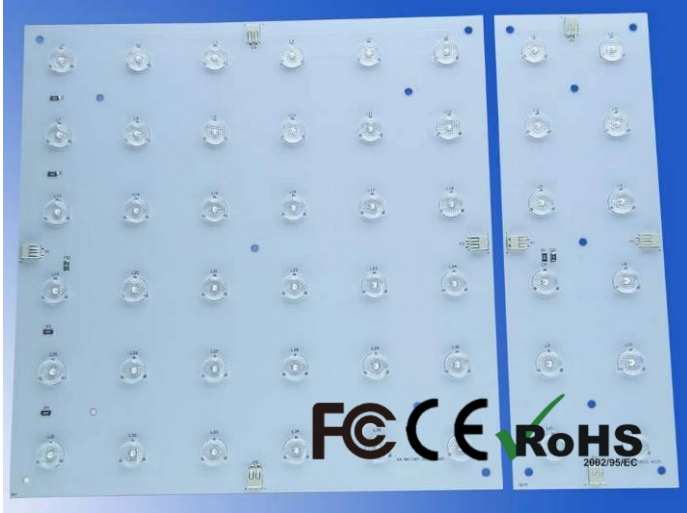


Description: RX-BKT28T Series LED backlight module , Slim Light Box direct type light source - can be continuously stitching. In particular optical 160° lens, 20mm NO HOT SPOTS! 3 sizes of interlocking and connectable panels allows for variety of designs to be configured. Minimal stitching size 100x100mm. maximum connection size 1.2m²/No additional cables. (Larger sizes can be connected in parallel). Mainly used for light boxes backlight, large-scale backlights projects, Ideal backlight-light source, Do your own energy-saving lighting project.



CRI 85
Luminous efficiency
90Lm/W DC24V

20mm No hot spots
Dedicated to Larger
sizes Ultra-slim light-box

Dimension
3 sizes of interlocking
and connectable

New design
A wide angle lens

Easy to connect
WAGO2060 Terminal Block

Stitching Size 1.2m²
No additional
connection wires



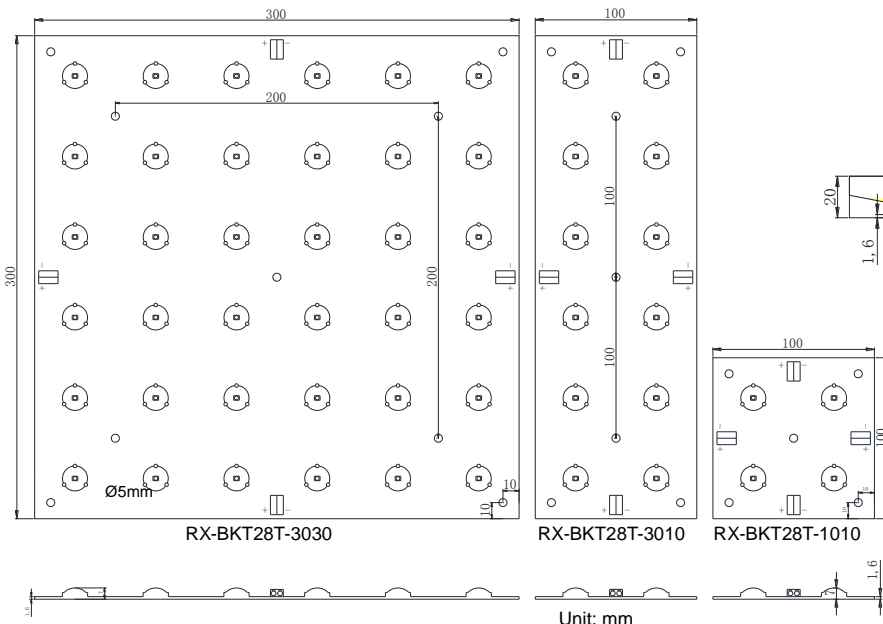
Application specs

Brightness	22Lm / LED
Default Colors	CW6000~6500K
Other colors	WW2700~3200K NW4200~4700K
CRI	85
Application Environment	Dry Locations
Operating Temperature	-22°F~149°F (-30~65°C)

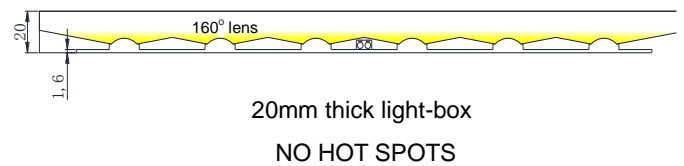
Electrical specs

Power	0.24W / LED
Input	DC 24V
Warranty	3 years
Certification	CE RoHS FCC

Dimension



New design Balanced Light Distribution



Data sheet

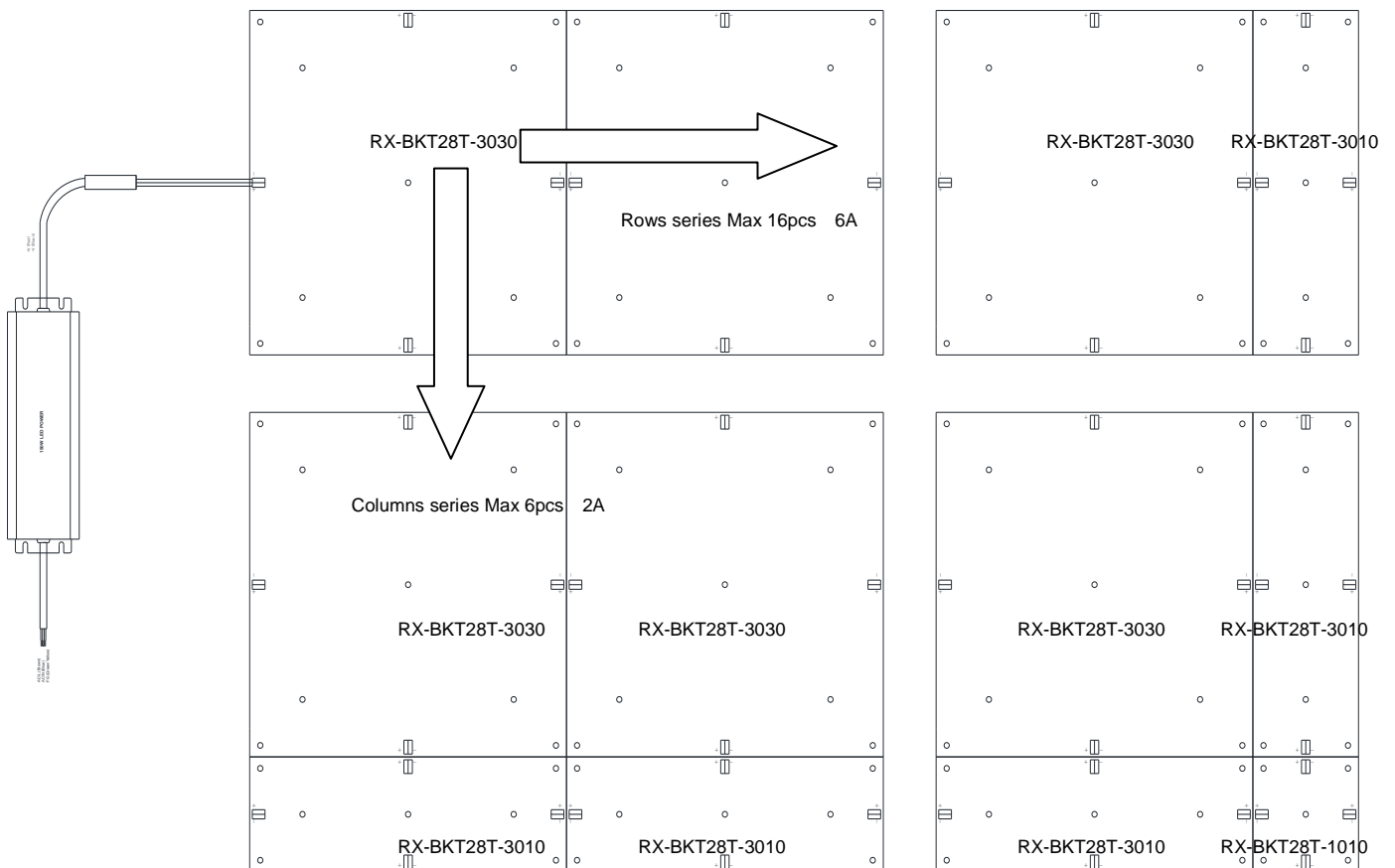
MODEL	Dimension LED QTY	Lumen	Power DC Input	Stitching Size No additional connection wires	LED spacing Brightness/ m ²	Comment
RX-BKT28T-3030	300x300mm 36LED 400g	778Lm	8.6W 24V	16pcs 1.2m ²	50mm Min. Cabinet Depth* 20mm 95W / m ² 8550Lm / m ²	Temperature rise +5 °C Dedicated to Larger sizes slim light box(Theoretical value can be infinite size of parallel)
RX-BKT28T-3010	300x100mm 12LED 150g	260Lm	2.88W 24V	10pcs 0.3m ²		
RX-BKT28T-1010	100x100mm 4LED 50g	88Lm	1.44W 24V	10pcs 0.1m ²		

The above table data testing at room temperature is 25 °C, Cooling by free air convection. test voltage DC24V

LED color temperature 6000-6500K, CRI 85, Life 50000hours@25 °C

*Minimum distance required from Panel to face. Calculated with 2447 milky white acrylic with no graphics, Depth on faces with graphics can have thinner cabinet depths, Consult with XineLam for samples and depth demonstrations. Special sizes, Consult with XineLam Reps and Distributors

Mosaic splicing diagram:



Note: Row and column totals; must be less than the number of LED module can be spliced (RX-BKT28T-3030: Row QTY x Column QTY ≤ 16pcs)

Recommended rows stitching

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

Safety Information

1. The LED module 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 module (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 module.
5. Parallel connection is highly recommended as safe electrical operation mode.
6. Serial connection is not recommended. Unbalanced voltage drop can cause hazardous overload and damage the LED module.
7. Please ensure that the power supply of adapters power to operate the total load.
8. When mounting on metallic or otherwise conductive surfaces, there needs to be an electrical isolation points between strip and the mounting surface.
9. Pay attention to standard ESD precautions when installing the LED module.
10. 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.
11. Non Waterproof LED module
12. LED module can not be used as support, you need fixed in the frame, fixed to the wall, otherwise, may cause deformation.