**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

**20mm thick light-box**
NO HOT SPOTS
**Data sheet**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Dimension LED QTY</th>
<th>Lumen</th>
<th>Power DC Input</th>
<th>Stitching Size</th>
<th>LED spacing Brightness/ m²</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>RX-BKT28T-3030</td>
<td>300x300mm 36LED 400g</td>
<td>778Lm</td>
<td>8.6W 24V</td>
<td>16pcs 1.2m²</td>
<td>50mm Min. Cabinet Depth* 20mm</td>
<td>Temperature rise +5 °C</td>
</tr>
<tr>
<td>RX-BKT28T-3010</td>
<td>300x100mm 12LED 150g</td>
<td>260Lm</td>
<td>2.88W 24V</td>
<td>10pcs 0.3m²</td>
<td>95W / m² 8550Lm / m²²</td>
<td>Dedicated to Larger sizes slim light box(Theoretical value can be infinite size of parallel)</td>
</tr>
<tr>
<td>RX-BKT28T-1010</td>
<td>100x100mm 4LED 50g</td>
<td>88Lm</td>
<td>1.44W 24V</td>
<td>10pcs 0.1m²</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 \* Column QTY \(\leq\) 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.