**Description:** RX-BKT35-53 LED EdgeStrip Module (BoxLED Side/ Posterbox Module) - 2016 new design high flux products. OSRAM LED chip; Slim washes light across single-sided and double-sided displays using LED lens technology that optimizes the light inside the box. The result is uniform light without the stripes associated with fluorescent tubes. The narrow silhouette of the side mounted modules makes Poster-box Slim an excellent option for single-sided signs. LED modules for light advertising and backlighting, applicable thickness 80mm-200mm fabric face light boxes or soft film light boxes.

1. New design LED edge-lit module, new lens.
2. Works in single and double-sided box signs.
4. It can be used in 80mm slim double-sided fabric face light boxes.
5. Injection Distance Max: 5m.
6. OSRAM LED chip (Optional: Cree XTE XPE).
7. Viewing Angle: 10x50°.
8. High efficiency 110Lm/W, High CRI >80(4000K).
9. CE RoHS FCC.

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimension Net weight</th>
<th>CRI @ Color Tempe</th>
<th>Test Luminous Flux / Efficiency</th>
<th>Rated Power</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>RX-BKT35-53-145-10 50D-NW3</td>
<td>145x26x14mm 40g</td>
<td>Ra&gt;80 4000K</td>
<td>705Lm 98Lm/W DC24V 7.2W</td>
<td>Power: 7.5W Input: DC12 ~24V</td>
<td>Viewing Angle: 10x50° Edge-lit, poster boxes Non waterproof Tc 65°C</td>
</tr>
<tr>
<td>RX-BKT35-53-145-10 50D-CW</td>
<td>460x26x14mm 100g</td>
<td>Ra&gt;80 4000K</td>
<td>2178Lm 99Lm/W DC24V 22W</td>
<td>Power: 22.5W Input: DC12 ~24V</td>
<td>Please install on aluminum to facilitate heat dissipation, is conducive to maintaining product life.</td>
</tr>
<tr>
<td>RX-BKT35-53-460-10 50D-NW3</td>
<td>460x26x14mm 100g</td>
<td>Ra&gt;80 4000K</td>
<td>2450Lm 110Lm/W DC24V 22.3W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RX-BKT35-53-460-10 50D-CW</td>
<td>460x26x14mm 100g</td>
<td>Ra&gt;70 6000K</td>
<td>1200Lm 100Lm/W DC24V 22.3W</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The above table data testing at room temperature is 25 °C, Cooling by free air convection. Operation Temperature: -25 °C – 90°C At the Tc point.

Tolerance range for optical and electrical data: ±10 %. Lifetime: 50,000 hrs (Note: Tcp < 65 °C)

Series connection Max 4pcs; Parallel connection Max 5pcs; Series and Parallel Total: Max 8pcs.

**Dimension:**

![Image of dimension](image-url)
Double-sided light box schematic

Design rules and examples (Suggested Distance - And associated angle lens.)

One-sided Lighting (1x2m light box only one LED module)

Double-sided Lighting

LED module RX-BKT35-53 series
- Suggested Place Distance A: 30~150mm
- Light box thickness T: 60~300mm
- Suggested bijection Distance C: Max 5000mm