LED NEON FLEX SPECIFICATION

IP67 BLACK NEON 1615 24V TOP VIEW

Note: LEDYI may change product specifications and installation guidance without prior notice.
IP67 BLACK NEON 1615 24V TOP VIEW

- Regular power 5W/m, 10W/m and 15W/m for option
- Max length 5 meters with one end power
- Unique black silicone body
- Six CCT optional from 2100K to 4000K

Dimensions & Waterproof

Electrical Parameter

- **Voltage**: DC24V
- **LED PIN Temperature**: Max. 65°C
- **Storage Temperature**: -25°C — 60°C
- **Ambient Temperature**: Min. -25°C Max. (Table below)
- **CRI**: >90

### Specification

- **Power**: 5 w/m, 10 w/m, 15 w/m
- **Efficacy@4000K**: 2.2lm/w, 2lm/w, 2lm/w
- **Max Ambient Temperature**: 55°C, 45°C, 35°C

Due to the tolerance of the production and electrical components, output value and electrical power can vary up to 10%

### Single color parameters

<table>
<thead>
<tr>
<th>Part Number</th>
<th>CCT (K)</th>
<th>Unit cut (mm)</th>
<th>CV/CC</th>
<th>Low power (5w/m)</th>
<th>Medium power (10w/m)</th>
<th>High power (15w/m)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(l/m) (max length)</td>
<td>(l/m) (max length)</td>
<td>(l/m) (max length)</td>
</tr>
<tr>
<td>NS-T1615B-W21</td>
<td>2000–2200K</td>
<td>50</td>
<td>CV</td>
<td>10.3 5m</td>
<td>19.5 5m</td>
<td>27.8 5m</td>
</tr>
<tr>
<td>NS-T1615B-W24</td>
<td>2300–2500K</td>
<td>50</td>
<td>CV</td>
<td>11 5m</td>
<td>20.7 5m</td>
<td>29.4 5m</td>
</tr>
<tr>
<td>NS-T1615B-W27</td>
<td>2600–2800K</td>
<td>50</td>
<td>CV</td>
<td>11 5m</td>
<td>20.6 5m</td>
<td>29.4 5m</td>
</tr>
<tr>
<td>NS-T1615B-W30</td>
<td>2900–3100K</td>
<td>50</td>
<td>CV</td>
<td>11 5m</td>
<td>21.1 5m</td>
<td>30 5m</td>
</tr>
<tr>
<td>NS-T1615B-W35</td>
<td>3400–3700K</td>
<td>50</td>
<td>CV</td>
<td>10.8 5m</td>
<td>20.4 5m</td>
<td>29.3 5m</td>
</tr>
<tr>
<td>NS-T1615B-W40</td>
<td>3800–4300K</td>
<td>50</td>
<td>CV</td>
<td>10.9 5m</td>
<td>20.7 5m</td>
<td>29.6 5m</td>
</tr>
</tbody>
</table>

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**Tunable color parameters**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Color (nm)</th>
<th>Unit cut (mm)</th>
<th>CV/CC</th>
<th>Low power (5W/m) (lm/m) (max length)</th>
<th>Medium power (10W/m) (lm/m) (max length)</th>
<th>High power (15W/m) (lm/m) (max length)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS-T1615B-TW</td>
<td>WW:2600~2800K</td>
<td>50</td>
<td>CV</td>
<td>5.4 5m</td>
<td>10.6 5m</td>
<td>15.2 5m</td>
</tr>
<tr>
<td>NS-T1615B-TW</td>
<td>CW:5100~5700K</td>
<td>50</td>
<td>CV</td>
<td>5.5 5m</td>
<td>10.7 5m</td>
<td>15.4 5m</td>
</tr>
<tr>
<td>NS-T1615B-TW</td>
<td>WW+CW:3800~4300K</td>
<td>50</td>
<td>CV</td>
<td>10.1 5m</td>
<td>20.9 5m</td>
<td>30.5 5m</td>
</tr>
</tbody>
</table>

**RGB color parameters**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Color (nm)</th>
<th>Unit cut (mm)</th>
<th>CV/CC</th>
<th>Low power (5W/m) (lm/m) (max length)</th>
<th>Medium power (10W/m) (lm/m) (max length)</th>
<th>High power (15W/m) (lm/m) (max length)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS-T1615B-RGB</td>
<td>R</td>
<td>62.5</td>
<td>CV</td>
<td>1.8 5m</td>
<td>3.2 5m</td>
<td>3.9 5m</td>
</tr>
<tr>
<td>NS-T1615B-RGB</td>
<td>G</td>
<td>62.5</td>
<td>CV</td>
<td>3.3 5m</td>
<td>5.2 5m</td>
<td>4.8 5m</td>
</tr>
<tr>
<td>NS-T1615B-RGB</td>
<td>B</td>
<td>62.5</td>
<td>CV</td>
<td>0.7 5m</td>
<td>0.9 5m</td>
<td>1.2 5m</td>
</tr>
<tr>
<td>NS-T1615B-RGB</td>
<td>RGB</td>
<td>62.5</td>
<td>CV</td>
<td>5.3 5m</td>
<td>8.7 5m</td>
<td>11.9 5m</td>
</tr>
</tbody>
</table>

**Cautions**

The unused product and unused product after unpacking should be sealed with the packaging bag to avoid prolonged exposure.

Tests showed that nail and benzene substances will have yellowing effects on silicone gel; in the new indoor decoration environment, epoxy floor paint, wall paint, wallpaper adhesive, various decoration materials or new furniture, possibly release of nail and benzene substances, it is recommended to remove formaldehyde and benzene or ventilate for a period of time in the new indoor decoration environment, and then install the neon strip to avoid yellowing of the silicone gel.

**Cutting Mark**

- **Vertical cutting precisely in the exact cutting position of led strip.**
  - Use professional scissors to cut vertically at the cutting mark.
  - Please don’t be feel free to cut and cut into an oblique angle or cambered section.

Remark:
The bottom of the led strip has transparent window, the black marker is the cutting position.
Mounting Way

Stainless Steel Mounting clips

[Image]
Dimension: 20x12.6x16.8mm

Aluminium Mounting clips

[Image]
Dimension: 20x20.5x17.6mm

Aluminium Profile

[Image]
Dimension: 1000x20.5x17.6mm

Irregular plastic groove

[Image]
Dimension: 1000x19.5x19.8mm

Installation

1. Prepare the screws and mounting clips.
2. Adjust the fixed clips to the appropriate place, use a screwdriver to fix the screw.
3. Put the light-emitting surface upwards, then insert the LED strip into the fixed clips.
4. Fix NEON strip completely into the fixed clip.