for long runs of uniform color we recommend the Long Distance Controller with all power and data distribution in a single unit.

Systems using individually controlled strips require a System Power Supply 4 for dimming plus Intelligence cards to handle data and channel allocation at the LED-Strips.

**LED-Strip B12-250**

With double the LEDs the LED-Strip B12-250 offers twice the light output of the LED-Strip B25-250 and can additionally be used to edge light frosted glass and acrylic panels or as a source for cove and pelmet lighting.

20 high bin Nichia-RGB light emitting diodes are spaced at intervals of 12.5 mm on a 250 mm PCB. The three primary colours are mixed within the LEDs themselves to prevent the generation of multicolored shadows.

On-board current regulation ensures perfectly even light output over long runs. All LEDs run together on the same three DMX channels making for an easily-installed system with a great price/performance ratio.

Two methods of control are available:
**Features**

- RGB color mixing
- high bin Nichia-RGB-LEDs
- multiple fixing options

**Optical**

- Number of LEDs: 20 high bin Nichia-LEDs in a 12.5 mm pitch
- Beam angle: approx. 115°
- Minimum 12,000 hours at an ambient temperature of 25°C

**Electrical**

- Optimum input voltage: 24 V
- Current draw (RGB at 100%): 0.26 A
- Power consumption (RGB at 100%): approx. 6.3 W (excluding PSU power consumption)
- Dimensions: 250x15x10 mm (LxWxD)
- Weight: 15 g approx. (not including cable and fixings)

**System Accessoires**

- System Power Supply 4
- Long Distance Controller
- PCB link cable
- Intelligence
- PCB mounts self-adhesive, psuh-trough or screw-in

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### Specifications

<table>
<thead>
<tr>
<th>B12-250</th>
<th>UMIN</th>
<th>UMAX</th>
<th>I</th>
<th>Idom.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td>23 V</td>
<td>28 V</td>
<td>0.06 A</td>
<td>623 nm</td>
</tr>
<tr>
<td>Green</td>
<td>21 V</td>
<td>26 V</td>
<td>0.10 A</td>
<td>527 nm</td>
</tr>
<tr>
<td>Blue</td>
<td>21 V</td>
<td>26 V</td>
<td>0.10 A</td>
<td>468 nm</td>
</tr>
</tbody>
</table>

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Electrostatic Discharge (ESD) can damage and may even destroy sensitive electronic equipment. We recommend the use of anti-static bracelets at all times when installing or servicing our products. Also: the polishing of glass or plastic surfaces in the vicinity of our products should be avoided to prevent the buildup of static electricity. Suitable anti-static packaging materials should always be used to transport our products. Ordinary plastic packaging material such as air-cushioned bags and bubble wrap, are not suitable alone. For reasons of safety, only products and accessories designed by Schnick-Schnack-Systems GmbH should be used in conjunction with our LED components.

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