

SCHNICK SCHNACK SYSTEMS

CREATIVE LED LIGHTING



LED-Strip B25-250

The LED-Strip B25-250 sets a new standard in the field of LED linear lighting and is already in use on a number of television shows, including The X-Factor.

LED-Strips are the ideal light source for emphasising edges and borders, backlighting steps or adding colored accents to set and stage elements.

Ten high bin Nichia-RGB light emitting diodes are spaced at intervals of 25 mm on a 250 mm PCB.

The three primary colors are mixed within the LED itself to avoid multi-colored shadows.

On-board current regulation ensures perfectly even light output over long runs. The LEDs all 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:

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.

Features

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

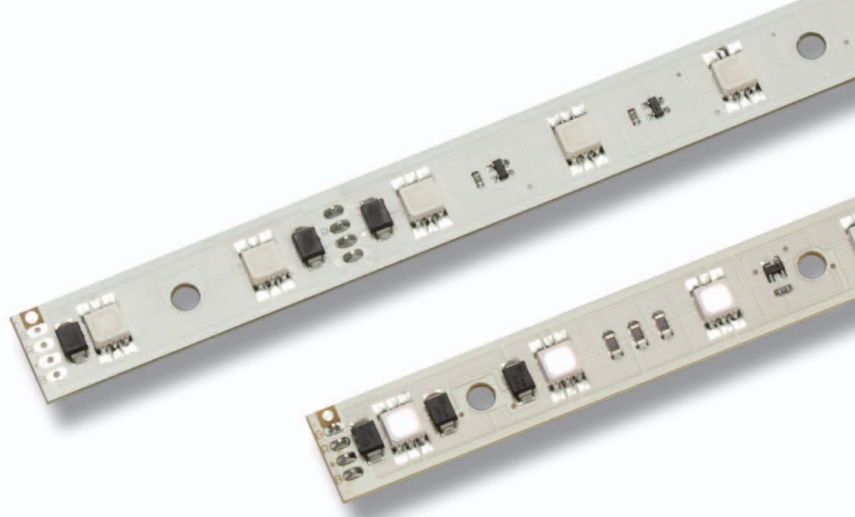
Optical

- Number of LEDs:
ten Nichia-RGB-LEDs set in a 25 mm pitch
- Beam angle: approx. 115°
- minimum 12,000 hours at an ambient temperature of 0-40°C
- Optimum input voltage: 24 V
- Current draw (RGB at 100%): 0,13 A
- Power consumption (RGB at 100%): approx. 3,2 W (excluding PSU power consumption)
- Connectivity:
Version S: 4-pin system PCB connector (blue), in- and output
Version N: 3x 4-pin solder connection, 2.54 mm pitch
Version I: with built-in Intelligence card (see below)

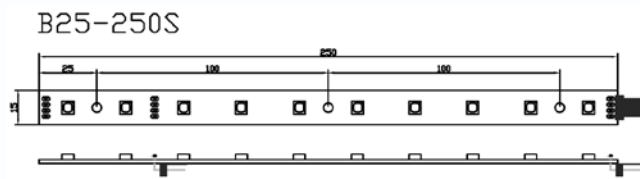
- Pin Connection:
Red cathode, Green cathode, Blue cathode, common anode
- Dimensions:
250x15x10 mm (WxHxD)
- Weight: approx.
(excluding cable and fixings)

System Accessoires

- System Power Supply 4
- Long Distance Controller
- PCB cables
- Intelligence
- PCB mounts self-adhesive, push-through or screw-in



LED-Strip B25-250	U _{MIN}	U _{MAX}	I	dom.
Red	23 V	28 V	0,03 A	623 nm
Green	21 V	26 V	0,05 A	527 nm
Blue	21 V	26 V	0,05 A	468 nm



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.

All information is correct at the time of going to press E00E. System specification may change without notice, as part of a rolling programme of product development. No part of this document may be reproduced without permission.