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CREATIVE LED LIGHTING



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 multicoloredshadows.

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:

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

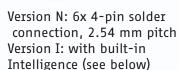
Optical

- Number of LEDs:20 high bin Nichia-LEDs in a12.5 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)
- · Connectivity:

Version S: 4-pin system PCB connector (blue), in- and output



- Connections:
 Red cathode, Green cathode,
 Blue cathode, common anode
- Dimensions: 250x15x10 mm (LxWxD)
- Weight:15 g approx.(not including cable and fixings)

System Accessoires

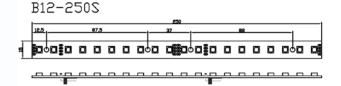
- System Power Supply 4
- · Long Distance Controller

- · PCB link cable
- · Intelligence

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 PCB mounts self-adhesive, psuh-trough or screw-in

B12-250	UMIN	UMAX	I	ldom.
Red	23 V	28 V	0,06 A	623 nm
Green	21 V	26 V	0,10 A	527 nm
Blue	21 V	26 V	0,10 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 E@OE. 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.