

SCHNICK  
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SYSTEMS  
CREATIVE LED LIGHTING



**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:

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

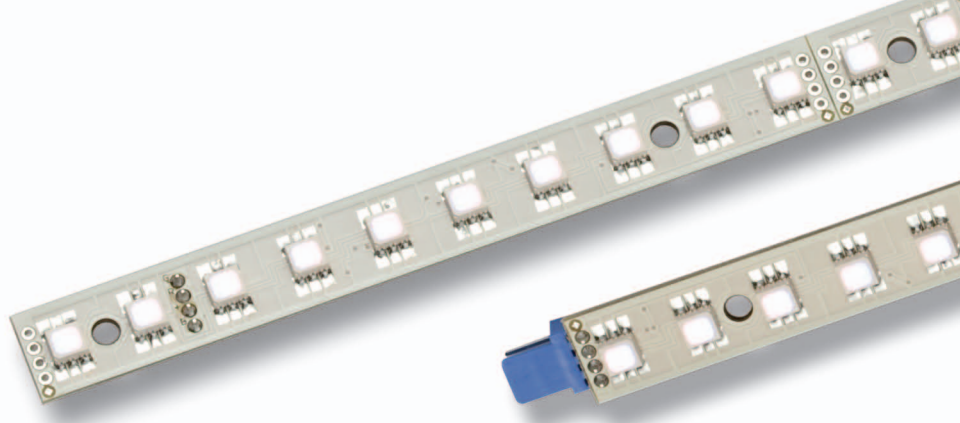
Version N: 6x 4-pin solder connection, 2.54 mm pitch  
Version I: with built-in Intelligence (see below)

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

- PCB link cable
- Intelligence
- PCB mounts self-adhesive, psuh-trough or screw-in

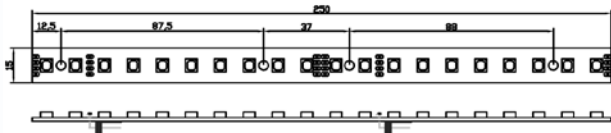
**System Accessoires**

- System Power Supply 4
- Long Distance Controller



B12-250	UMIN	UMAX	I	Idom.
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

B12-250S



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.