

LED module

3SLN120optic-B/ white



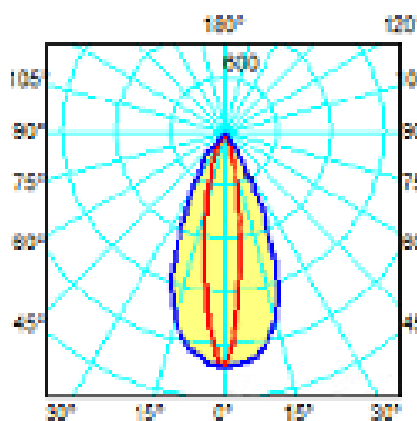
Usage areas

- illumination of advertising panels from edges at thickness from 60mm and height from 1 to 10m (length is of course insignificant), illumination of advertising areas and billboards

Product characteristics

- the optics of the module allow the illumination of up to 10 m of advertising panels from the edges
- newest generation of **Nichia** LEDs from Japan
- high luminous efficacy up to **139 lm/W** means savings on power supply performance and energy costs for your clients
- high luminous flux up to **500 lm** at a lighting angle of 10 ° to 70 °
- **7 year** warranty

Photometry



beam angle ca. 10° x 70°

Technical parameters

parameter	value
supply voltage	24 V
supply current	to 150 mA
input	up to 3,6 W
luminous flux	480 lm
color temperature	6500 K
color rendering index (CRI)	75
beam angle	10° x 70°
international protection marking	IP65
operating temperature	from -30 to +55°C
cable length between modules ³	143-145 mm
dimensions	13 x 21 x 125 mm
weight (1 module)	20 g

Module structure



High-quality lens with an elliptical lighting angle of **10° x 70°** directs light exactly where it is needed without unnecessary losses.



Adhesive with high temperature resistance **from -50 to +100°C** and long lifetime.



The heart of our LED modules are top-quality diodes from Japanese company **Nichia**, supplied by optimal current to maintain their long lifetime and high efficiency.

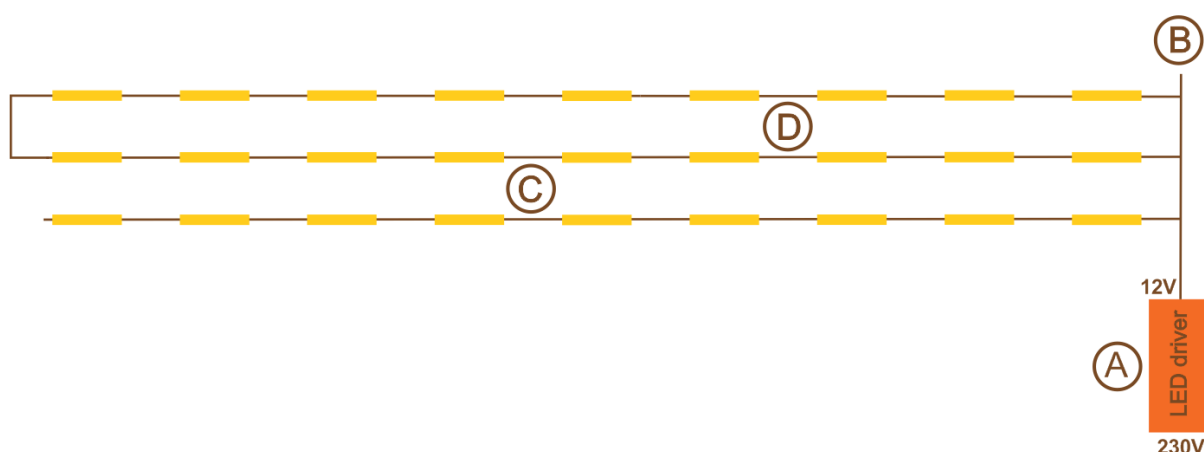


Almost invisible, but 100% reliable quality protector of our LED modules is special UV stable silicone coating from **Dowsil**.



Our PCBs meet the highest quality requirements for long service life of our LED modules in all conditions, even outdoors.

Installation



- (A) For better cooling, we recommend to place the power supply as close to modules as possible, ideally on an aluminium surface. When multiple power supplies are used, it is not permitted to interconnect them.
- (B) The cable cross-section has to correspond to the electrical current. By current 4A it must be min. 1 mm², by 8A min. 2 mm². By power supplies with higher output it is appropriate to connect the LED modules in several parallel lines.
- (C) While connecting the LED modules only from one side, this line can consist of up to 15pcs of LED modules.
- (D) While connecting the LED modules from both sides, this line can consist of up to 30pcs of LED modules.

Modules can be mounted with screws, rivets of suitable size, double-sided tape or an adhesive approved by the manufacturer of LED modules. We recommend to install the modules on Dibond or metal surface for better heat dissipation.

The modules, depending on the optics used, are designed to illuminate the advertising panels from the edges and are mounted on one or two opposite sides of the advertising panels.

Thank you for your interest in our LED modules.