

LED module

1SLNmini / green



since
2003

custom
made

made in
Slovakia

warranty
7
years

NICHIA
LEDs

high
efficiency
lm/W

CE



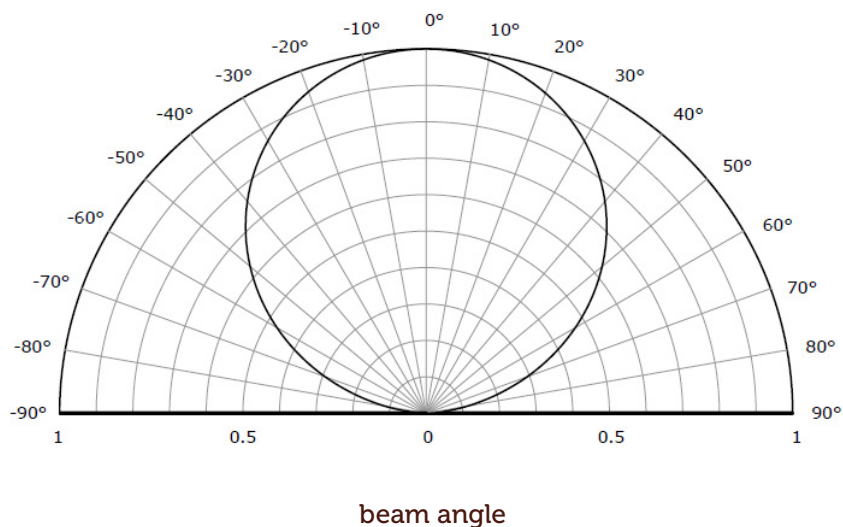
Usage areas

- small signages
- light decorations

Product characteristics

- newest generation of LEDs from japan company **Nichia**
- small dimensions
- beam angle **120°**
- up to **7 years** warranty

Photometry



Technical parameters

parameter	value
supply voltage	12 V
input	to 0,3 W
wavelength	520-535 nm
beam angle	120°
IP protection	IP66
ambient temperature range	from -30 to +55°C
cable lenght between modules ³	40 mm
dimensions	18 x 8 x 1,5 mm
weight	5 g

¹ luminous flux depends on color temperature of LEDs and CRI; by warmer color temperatures and higher CRI is luminous flux less than 110 lumens achieved by 6500 K

² both color temperature and CRI can be supplied in wide range of precisely sorted shades

³ cable length, spacing between the modules and number of modules in a series can be customized

Module structure



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

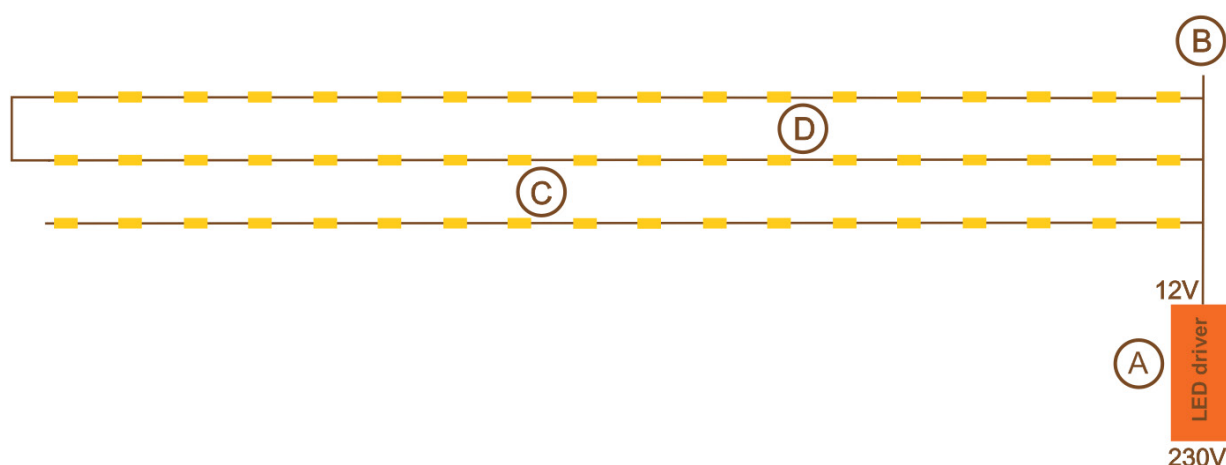


almost invisible, but 100% reliable quality protector of our LED modules is special UV stable silicone coating from **Dowsil**



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 the 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 must correspond to the current size. By current 4A it must be min. 1mm², by 8A min. 2mm². By power supplies with higher output it is appropriate to connect LED modules in several parallel lines.
- (C) While connecting the LED modules only from one side, this line can consist of up to 40pcs of LED modules.
- (D) By connecting LED modules from two sides, the series can have max. 80pcs of modules.
- (E) For better light scattering is ideal to install the LED modules rotated.

Thank you for your interest in our LED modules.