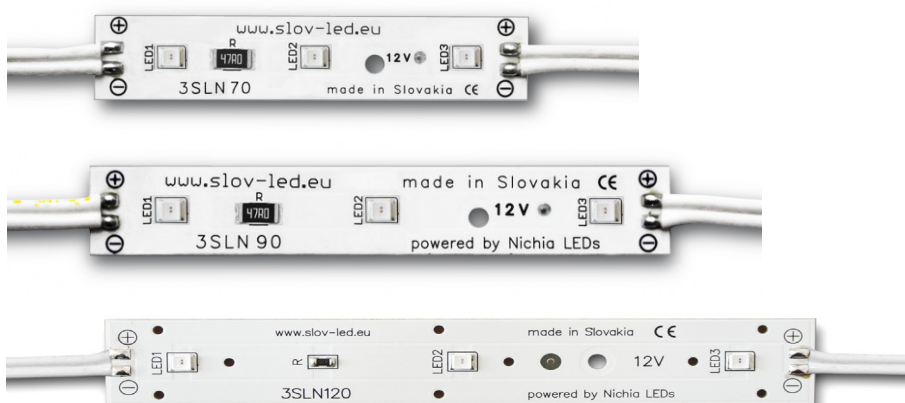


LED modules / red

3SLN70 3SLN90 3SLN120



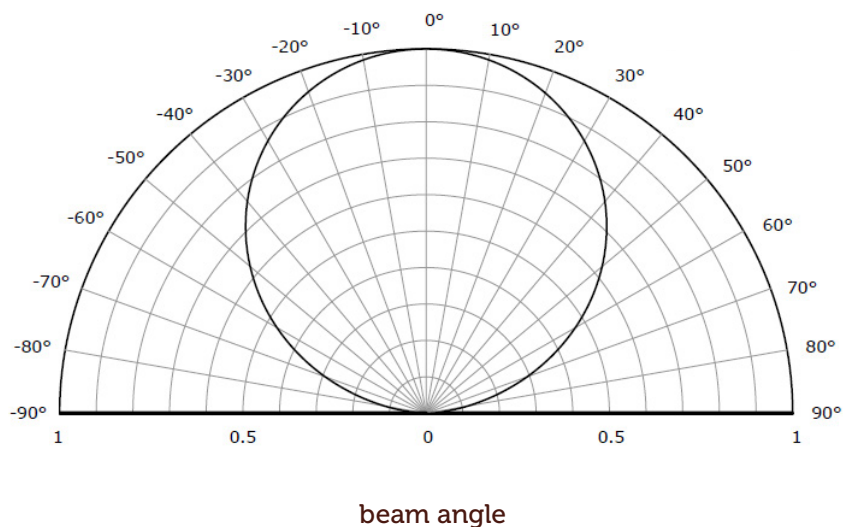
Usage areas

- interior/exterior
- illumination and backlighting of advertising inscriptions

Product characteristics

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

Photometry



Technical parameters

parameter	value
supply voltage	12 V
input	to 0,8 W
luminous flux ¹	42 lm
wavelength	625 nm
beam angle	120°
IP protection ¹	IP66
ambient temperature range	from -30 to +55°C
cable lenght between modules ²	90 mm
module dimensions 3SLN70	1,5 x 14 x 70 mm
module dimensions 3SLN90	1,5 x 14 x 90 mm
module dimensions 3SLN120	1,5 x 14 x 120 mm
weight module 3SLN70	8 g
weight module 3SLN90	10 g
weight module 3SLN120	12 g

¹ tests have shown that the module even meets the IP67 criteria

² 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

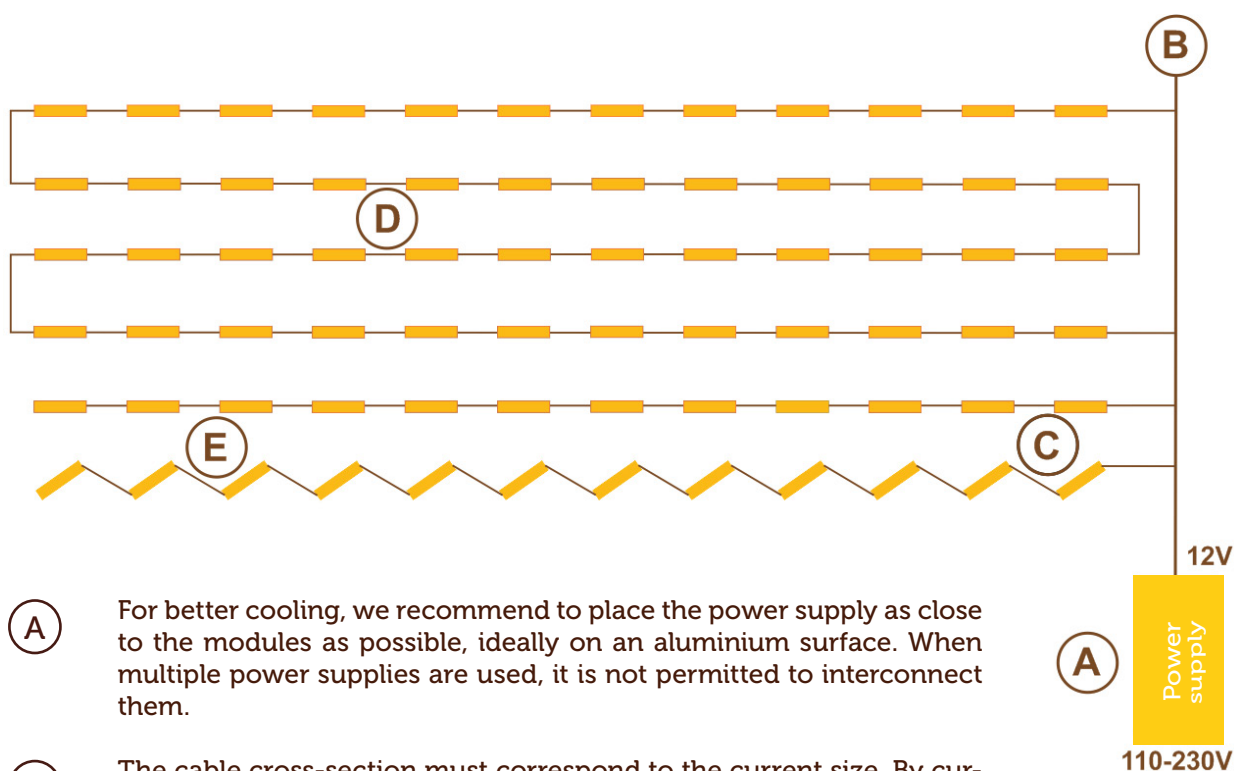


almost invisible, but 100% reliable quality protector of our LED modules is special UV stable silicone coating from **Dowsil**



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 20pcs of LED modules.
- (D) By connecting LED modules from two sides, the series can have max. 50pcs of modules.
- (E) For better light scattering is ideal to install the LED modules rotated.

Thank you for your interest in our LED modules.