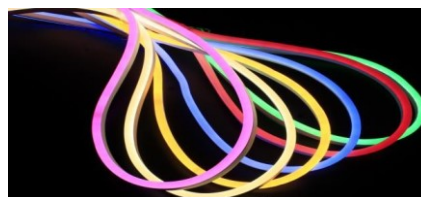


Features and benefits

- The housing is molded in one go, IP65 protection class can be used outdoors
- Operating voltage 12 Volts
- LED light source, low energy consumption, long service life
- Soft and uniform illumination without dips
- High-quality housing, large bending angle
- CE, ROHS certificates



Parameters

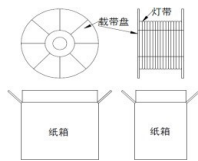
Name	LED NEON
Type	PL-B-2835W-120D-12V
Material	PVC
Size	6*13mm
PCB	6mm
LED type	SMD2835
LED qty	120
Colors	3000K/4500K/6500K/R/G/B
Guarantee	2 года
High-voltage	DC12V
CRI	Ra≥80
Power 1Led	0.08W
Power 1 m	9,6W
Working t	-25~+45
Multiplicity of cut	25mm
Quantity in a bobbin	25M
Gross weight	20.5KG
Box size	33.5*33.5*28mm
Bulk weight	0.0314m ³

Field of application

- production of three-dimensional letters
- contour lighting of buildings
- modeling of various figures
- landscape design



Packing



Packing coil 50M/roll/box

1. Prepare the surface on which the flexible neon will be attached. It is allowed to mount on
 - special U-shaped clips included in the kit;
 - milled grooves to the size of the neon. At the same time, the flexible neon should enter the grooves easily, it is forbidden to use force. To fix the flexible neon in the groove, use LOCTITE 406 glue;
 - attachment to the surface with LOCTITE 406 glue;

2. Connect the flexible neon to the power wire every 5 meters

3. Flexible neon can be cut into segments in places marked by special cutting lines. Each cutting line is marked with a black strip and has two pairs of contact pads on both sides for further connection. The ends must be closed with a silicone plug that comes in the kit, which sits on the flexible neon using a sealant.

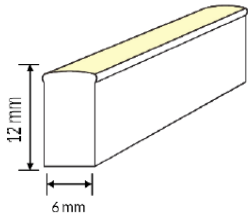
4. Solder the neon segments only on the marked areas (they marked as "+/-"). The soldering time should not exceed 5 seconds at a temperature of 260 degrees. The use of soldering acids and acid fluxes is strictly prohibited when soldering segments. Places of soldering must be sealed against moisture.

The Profile

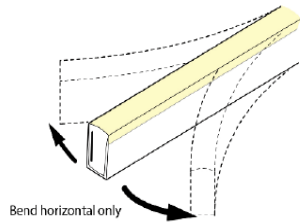
Our neon effect LED strip is the perfect solution for interior or exterior application where a high level of waterproofing is required. The IP65 rating of the product means that it can even be installed underwater and is safe for swimming pool application. The product is entirely resistant to dust ingress and offers a high level of durability against solvents, saltwater and UV light. This particular product has a very narrow casing at just 6mm wide.

The side view product is flexible in a perpendicular direction to the lens which means that it can be installed in applications where it must follow a certain radius as well as in straight lengths.

Light Profile



Light Direction



Minimum Bending Diameter

