

# 16 × 16 mm Top-Bending Neon Flex Light



NH-1616-2835



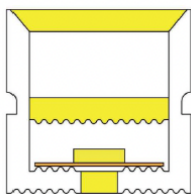
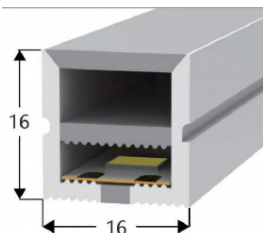
## Key Features

- Smooth, Dot-Free Illumination: Uniform lighting with a wide 180° beam angle.
- Flexible Top-Bending Design: 16 × 16 mm silicone housing follows curves and architectural contours.
- High-Brightness SMD LEDs: 240 LEDs/m for bright, uniform illumination.
- Color Options: Available in 3000 K warm white and 4000 K neutral white.
- Custom Lengths: Made-to-order lengths for easy installation and reduced waste.
- 24 V DC Operation: Low-voltage design with a maximum power consumption of 16 W/m.
- IP67 Rated: Suitable for indoor and outdoor use with properly sealed connections.
- TRIAC Dimmable: Compatible with suitable TRIAC-dimmable 24 V DC drivers.

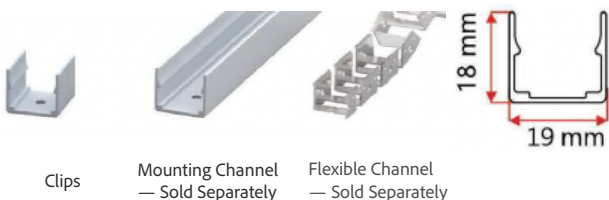
## Applications

- Ideal for architectural accent lighting, curved ceiling features, cove lighting, building façades, decorative wall outlines, retail displays, hospitality interiors, signage, and landscape lighting.

## Dimensions (mm)



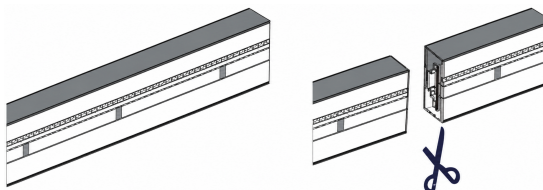
## Mounting Accessories



## Ordering Guide

| Specifications              |                        |
|-----------------------------|------------------------|
| Model                       | NH-1616-2835           |
| Dimensions                  | 16 × 16 mm (W × H)     |
| LED Type                    | SMD-2835               |
| Color Temperature           | 3000 K   4000 K        |
| Luminous Flux (lm/m)        | 1260 - 1400            |
| Input Voltage               | 24 V DC                |
| Current (A/m)               | 0.67 A/m               |
| Cutting Interval (mm)       | 25                     |
| Max Power Consumption (W/m) | 16                     |
| Bending Direction           | Top-bending (Vertical) |
| Dimming                     | TRIAC Dimming          |
| Beam Angle                  | 180°                   |
| LED Quantity (LEDs/m)       | 240                    |
| Operating Temperature       | -20°C to +50°C         |
| IP Rating                   | IP67                   |
| Estimated Life(Hours)       | 30,000                 |
| Certification               | cETLus                 |
| Warranty                    | 3 years                |

## Installation Instructions - Cutting Method

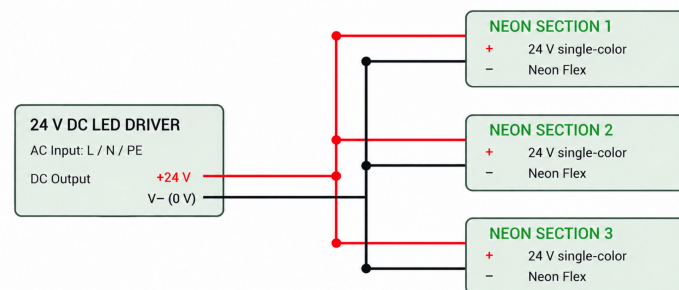


Cut only at marked 25 mm intervals. Seal all cut ends and connections with compatible accessories to maintain IP67 protection.

Maximum Run Length: Do not exceed 10 metres (32.8 ft) per continuous run. For longer installations, divide the neon flex into separate sections and connect them in parallel to a suitable 24 V DC power supply.

## SINGLE-COLOR NEON FLEX — PARALLEL WIRING

NH-1018-2835 | 24 V DC | Two-wire connection



Connect all positive leads to +24 V and all negative leads to V- (0 V).  
Select a power supply with a current capacity based on the total load of all sections.  
Follow proper installation instructions and use suitable wire gauge.

| Series |                      | Size | LED Type | Color Temperature | Length (m)    |
|--------|----------------------|------|----------|-------------------|---------------|
| NH     | LED Neon Strip Light | 1616 | 2835     | 3000K<br>4000K    | Custom length |