



- Installation and wiring of luminaire must be in accordance with all applicable local codes.
- Installation, inspection, and maintenance of luminaires should be performed by a qualified electrician.
- DO NOT make or alter any open holes in the luminaire. Do not modify the luminaire.
- DO NOT install damaged product.
- Make sure electrical power is OFF before and during installation and maintenance.
- Make sure the equipment is properly grounded.
- Make sure the supply voltage is same as the rated fixture voltage.

### 3D Neon Cutting and Connection Guide

**1 Components**

**2 Cut and preparation**

1. Cut directly in the middle distance between the two lenses;  
2. The cutting surface should be smooth and vertical;

**3 Install Endcap**

Seal the strip and end cap by glue, then fix it for 24hours

**4 Remove the silicone at back**

**6 Fix cable on PCB by soldering**

Side feed  
Bottom feed  
End feed  
Seal the gap by glue after soldering

**7 Install feeder by silicone glue**

Side feed  
Bottom feed  
End feed  
Seal the strip and feeder by glue, then fix it for 24hours

### Installation Guide

**1 Mounting accessories**

**2 Mounting accessories**

Drill screw hole and install mounting accessories by screw  
Gently press light strip into mounting accessories

**3 Connect wire as required**

**White LED strip wire connection**

DC24V LED Driver: 24V+ (Red), 24V- (Black), Vcc (White LED strip), GND (White LED strip)

DMX Controller: GND, Data+, Data-, PI

DMX12-RGBW neon Cable: Vcc (White), GND (Gray), DA+ (Red), DA- (Blue), PI (Green)

IC type: SM18522

Sample A: Vcc (White), GND (Gray), DA+ (Red), DA- (Blue), PI (Green)

**RGBW LED strip wire connection**

DC24V LED Driver: 24V+ (Gray), 24V- (Black), Vcc (White LED strip), GND (White LED strip)

DMX Controller: GND, Data+, Data-, PI

DMX12-RGBW neon Cable: Vcc (White), GND (Gray), DA+ (Red), DA- (Blue), PI (Green)

IC type: SM18522

Sample B: Vcc (White), GND (Gray), DA+ (Red), DA- (Blue), PI (Green)

**4 Installation and warning**

lighting surface  
TOP VIEW: Min R 10cm  
SIDE VIEW: min R 30cm  
Do not bend it in sharp angle or twist it  
Take the product by cable or pull it is not allowed

For assembly of LED flex neon longer than 2m carefully handling with min. 2 employees is necessary. The electrical circuit could be damaged if bending radius is too small. Stainless steel core and resin can not avoid any damage by inadequate handling.