



- 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), GND (Black)

RGBW LED strip wire connection

DC24V LED Driver: 24V+ (Gray), 24V- (Black), Vcc (Gray), GND (Black), R (Red), G (Green), B (Blue), W (White)

White LED strip wire connection

DMX Controller: AC Input, DC24V PS, 24V+, 24V-, GND, Data+, Data-, PI

DMX512-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

DMX512-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

Take the product by cable or pull it is not allowed

Do not bend it in sharp angle or twist it

min R 30cm

TOP VIEW: Min R 10cm

SIDE VIEW

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.