



- 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 (RGBW LED strip), GND (RGBW 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

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: mounting surface

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.