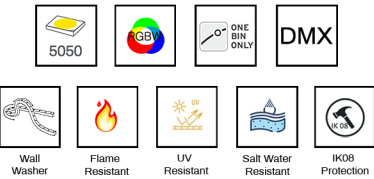


FLORA RGBW DMX



DESCRIPTION:

FLORA RGBW DMX Flexible Wall Washer series constructed using Silicon extrusion process. Uniform, dot free light emission, good appearance consistency. Anti-yellowing, high temperature and corrosion resistance, weak acid and alkali resistance UV proof for true outdoor applications. Easy installation with clips and bendable track. Cuttable for Flexible application. Control mode : DMX512.

TECHNICAL DETAILS:

Power : 16W/M  
Voltage : DC24V  
CRI >90  
IC Chips : SM18522PS  
Length/Reel : 5M  
Cutting length: 250mm  
Led Qty : 24LEDs/M  
Pixels : 4 pixels/M  
Working Temperature : -25~55°C  
Storage Temperature : -30~80°C  
Voltage Range : 23 ~25V dc  
Reverse Voltage : 25V dc  
Warranty : 5 years

LUMENS PER METER:

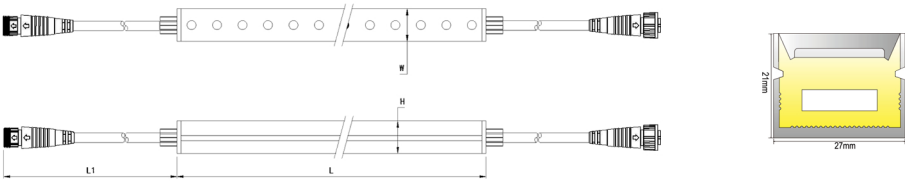
| CCT       | 16W     | OPTICS  |
|-----------|---------|---------|
| RGB 2700K | 265lm/W | 20°     |
| RGB 3000K | 250lm/W | 30°     |
| RGB 4000K | 235lm/W | 40°     |
| RGB 6500K | 220lm/W | 30°x40° |

INSTALLATION :

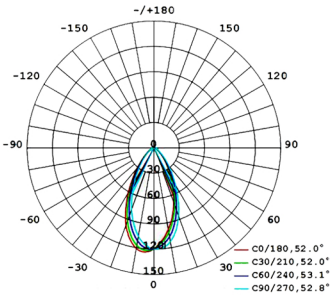
Horizontal and Vertical Bend

Product Code : 7062721

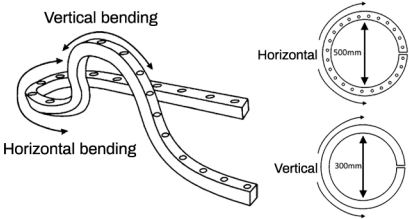
DIMENSION:



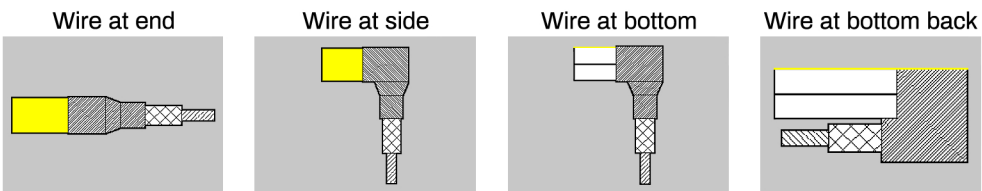
LIGHT DISTRIBUTION:



BENDING:



End cap



Standards

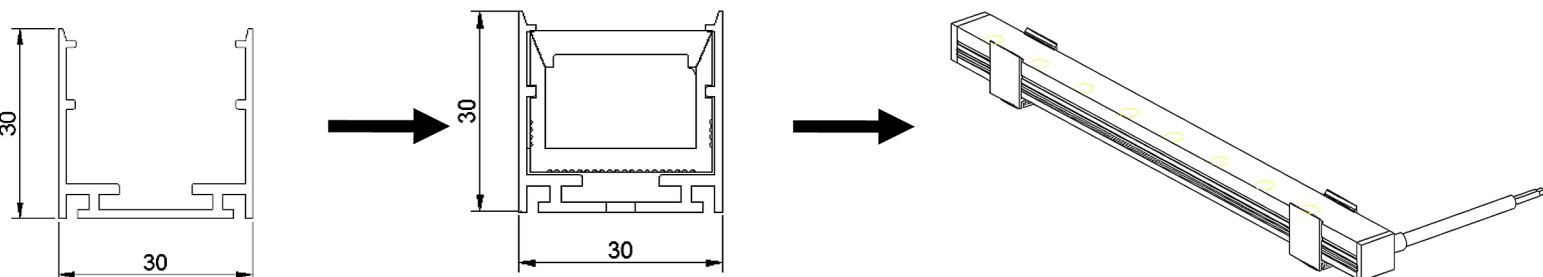
EN 60598-1  
EN 60598-2-2  
EN 60598-3-2

|                         |        |             |            |
|-------------------------|--------|-------------|------------|
| Order Code Ex : 7062721 | 16     | 83          | 15         |
| Product Code            | Power  | CCT         | Beam Angle |
| 7062721                 | 16-16W | 83-RGBW DMX | 15-15°     |
|                         |        |             | 30-30°     |
|                         |        |             | 60-60°     |
|                         |        |             | 30x45°     |
|                         |        |             | 25x20°     |

Pluxb luminaires are developed with globally recognized and tested components suppliers, however as per international standards tolerance in initial flux and connected load is at  $\pm 5\%$ . Unless stated otherwise, the values apply to an ambient temperature of 25°C

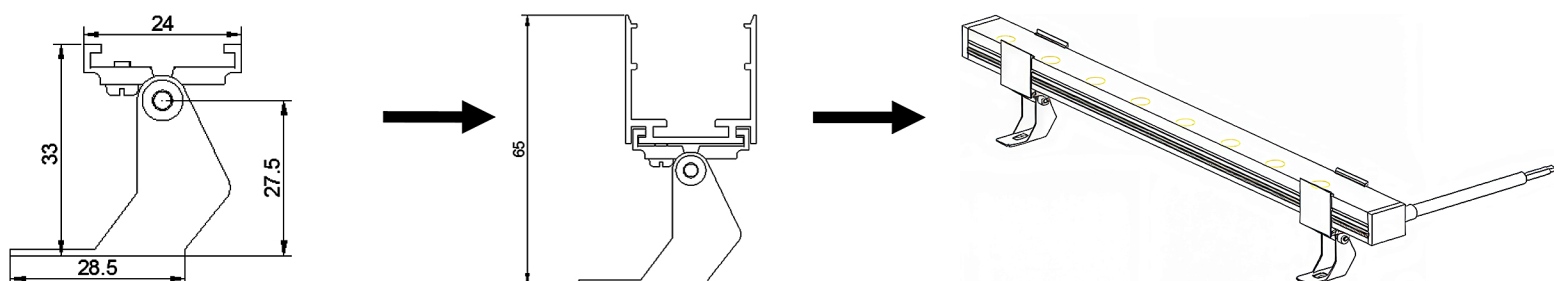
## Accessories installation diagram

Install buckle : 7062721-01

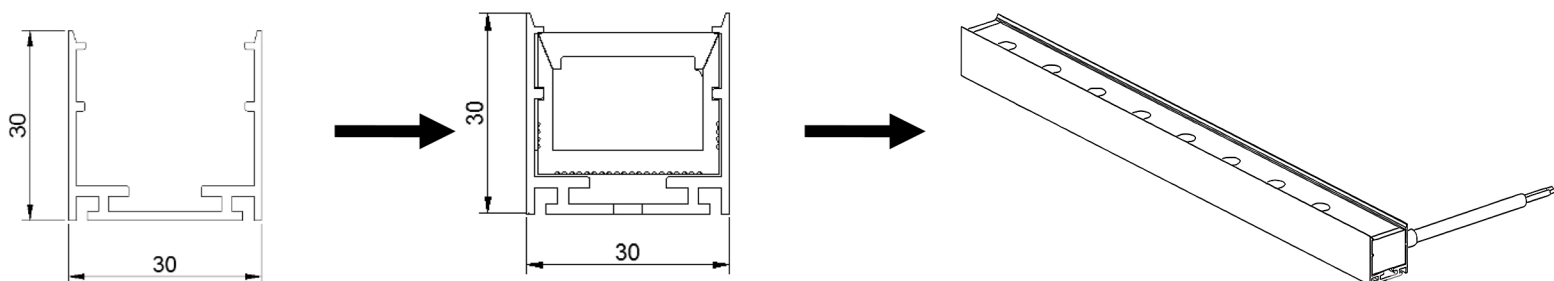


Rotating bracket : 7062721-02

with Aluminum profile

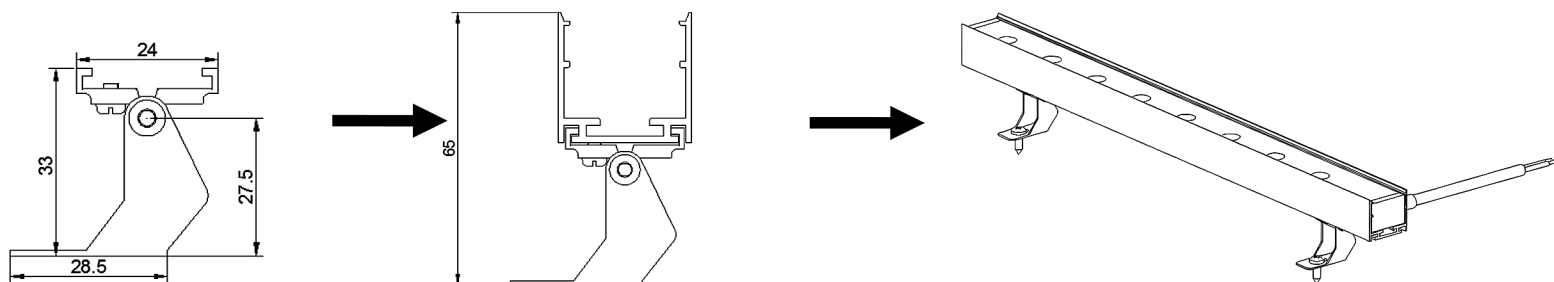


Aluminum profile : 7062721-03



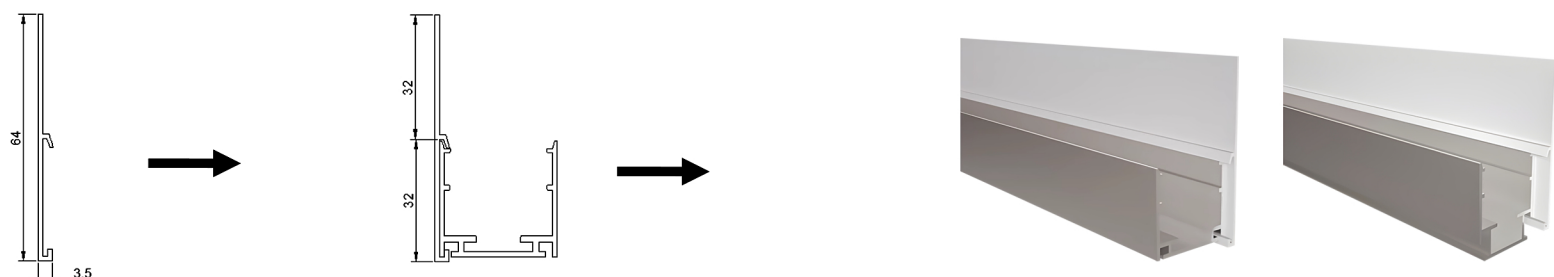
Rotating bracket : 7062721-04

with Aluminum profile



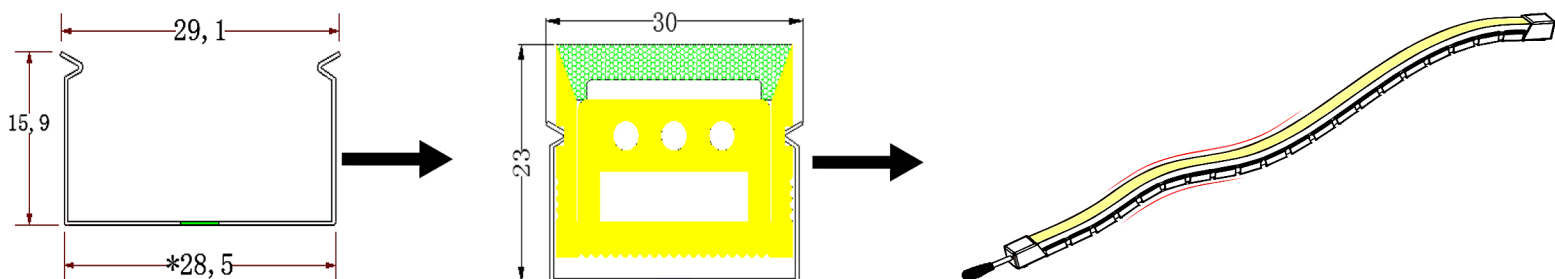
Shading plate : 7062721-05

with Aluminum profile

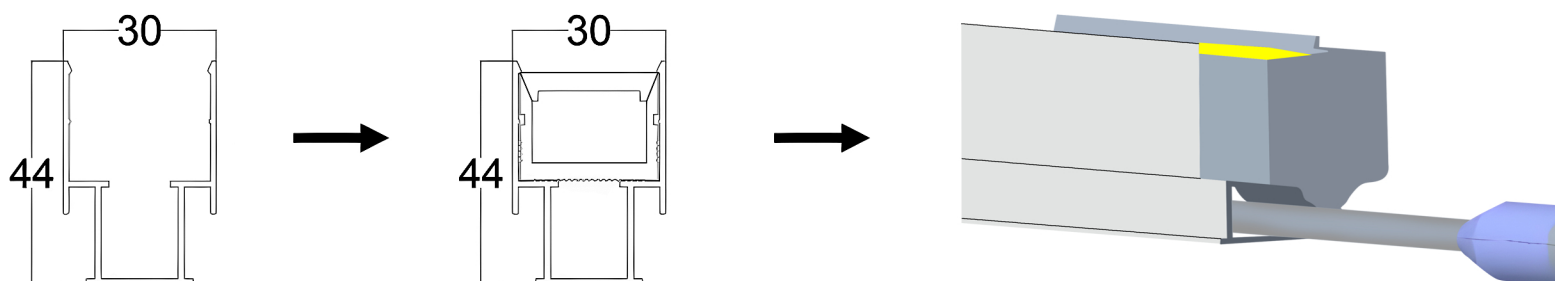


## Accessories Installation Diagram

Free-bending Aluminum profile : 7062721-06



Bottom return line : 7062721-07



End Cap : 7062721-08



Closed End Cap  
Material: silicone  
Color: white

Connector : 7062721-09



IP67 Connector 5PIN  
Wire gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)  
Connector type : Male

Connector : 7062721-10



IP67 Connector 5PIN  
Wire gauge: 0.326mm<sup>2</sup>/22AWG  
Protection: IP67 (Mated)  
Connector type : Female

## Accessories Installation Diagram

T Type Connector : 7062721-11

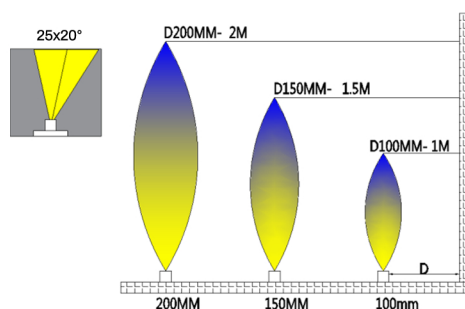
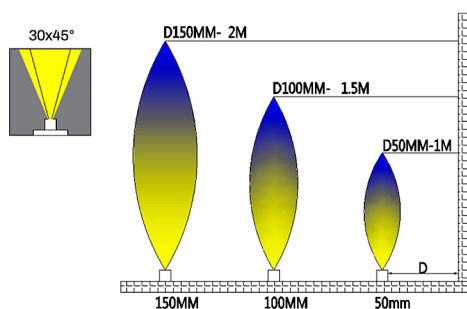
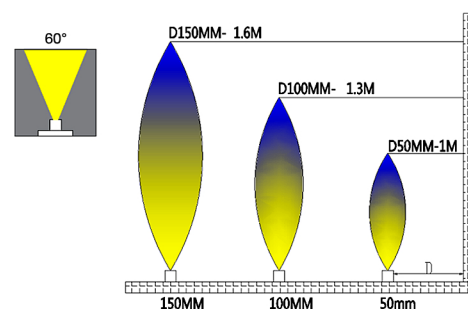
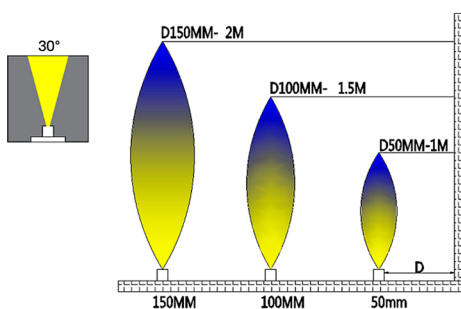
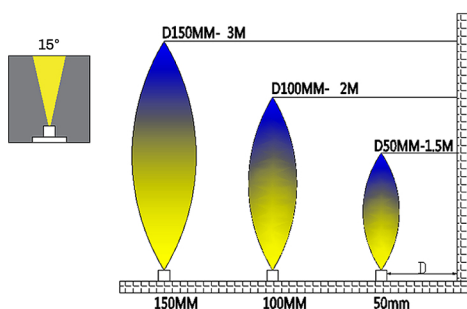


IP67 T Type Connector

Wire Gauge: 0.326mm<sup>2</sup>/22AWG

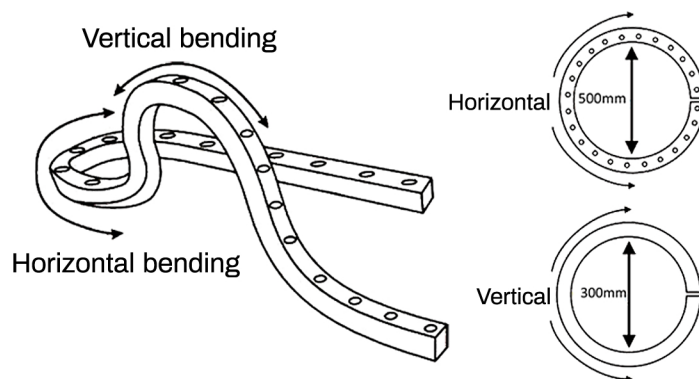
Protection: IP67 (Mated)

## Beam Angle

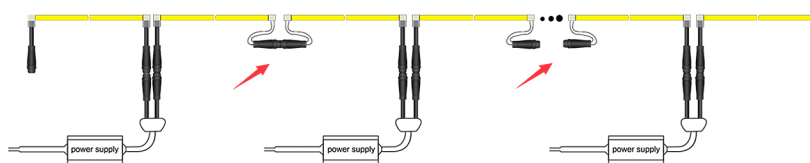




## ADDITIONAL INFO.



- ▶ Please light it up for a quick check before installation.
- ▶ Bending diameter of FLORA RGBW DMX 2721 is 500mm for Horizontal and 300mm for Vertical. Do not bend too sharp or twist. If bend it wrongly, PCB inside will be damaged and the lighting fixture will not turn on.
- ▶ During installation, please make sure there are at least two workers to cooperate together and strictly follow the instruction manuals.
- ▶ Warranty: All LED light are warranted to be free from defects in product itself for 5 years from the date of purchase. This warranty does not cover failures due to abuse, misuse, improper handling, act of nature, negligence, normal wear, accidental damage, repairs made by the purchaser or incorrect voltage conditions.



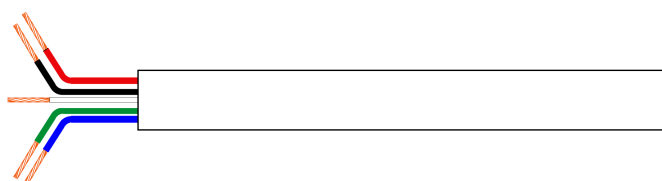
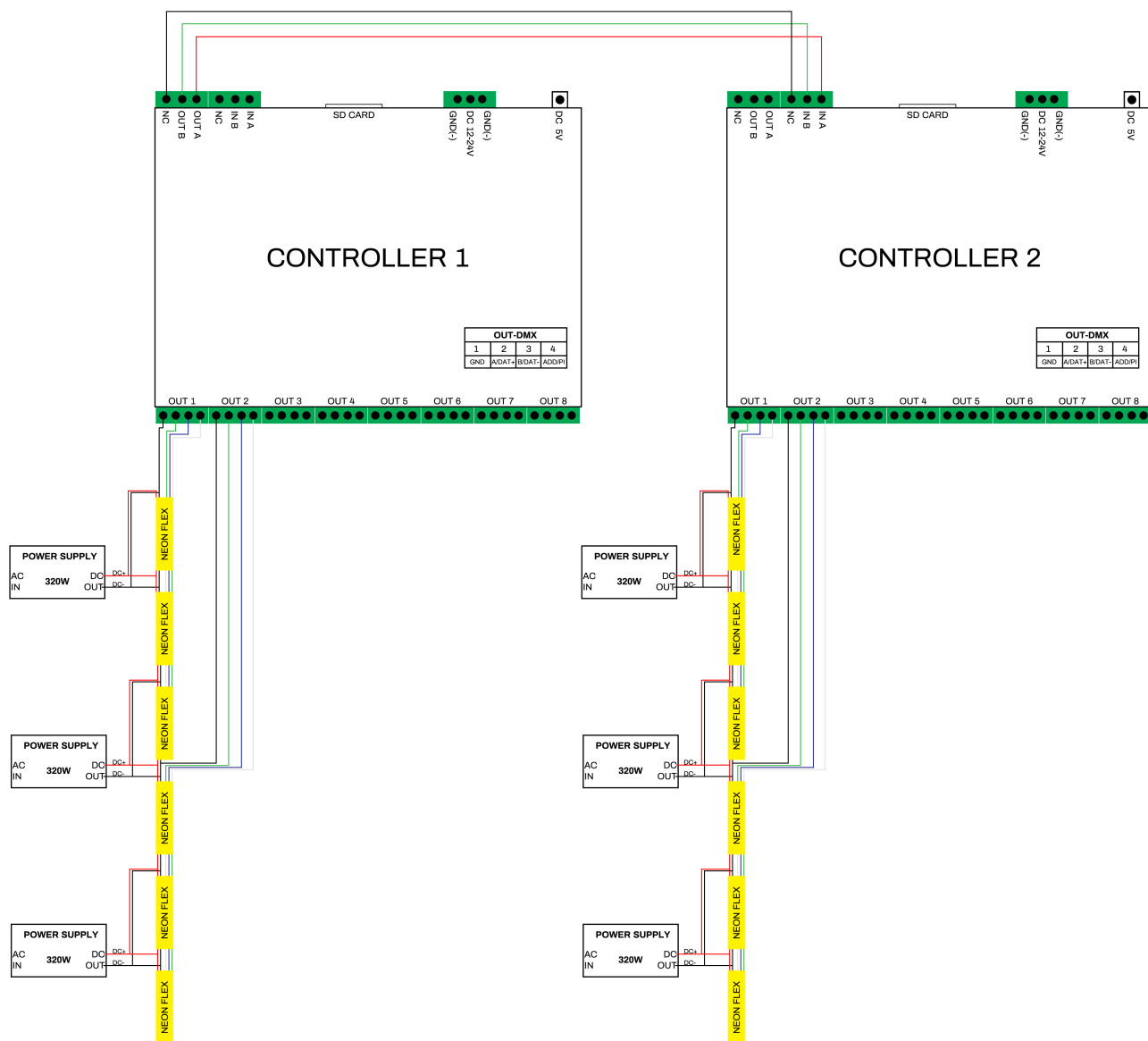
### Note:

-16W/M Max. 7mtr run length to double side feed.

-The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 5%.

# WIRING DIAGRAM

## DMX



### DMX PIXELS CHASING PRODUCT

Red---24V+  
 Black---24V-  
 Green---(PI)Address  
 White---(A)DMX+  
 Blue---(B)DMX-

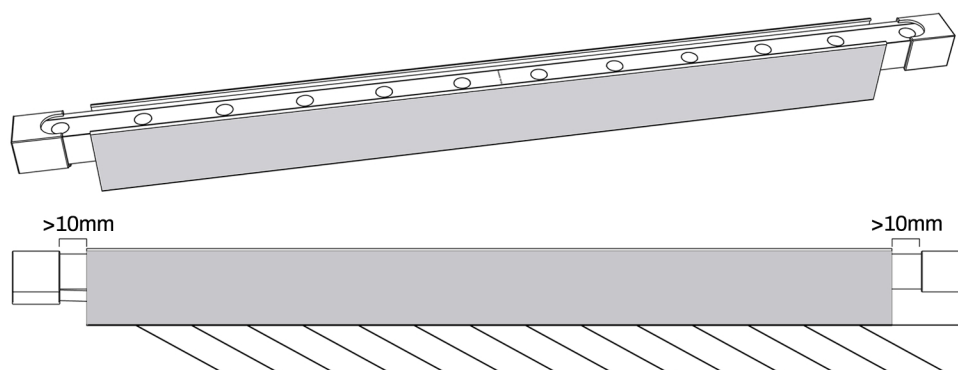
## GENERAL MOUNTING

LED wall grazer can be fastened to surfaces using appropriate accessories available from distributor. Please refer to data sheets or contact technical support for a copy. The use of glues and resin as fixing agents should be avoided. Use of glues and resins may invalidate the warranty of the product, unless it's agreed in writing by distributor as part of a detailed project specification.

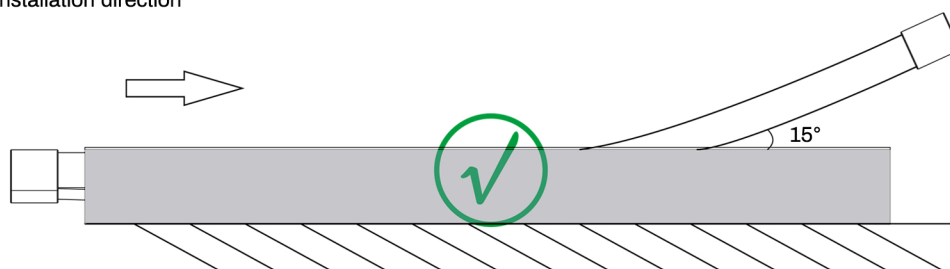
The images indicate one type of fixing available in the accessories range. The different fixing serve obvious purposes, however when in doubt technical support should be contacted.

Quantity of accessories and fixing are dependent on the type and its effect on the variant it's being used with. Care should be taken to ensure dropping is avoided, and to ensure that is fastened adequately to avoid stresses on itself.

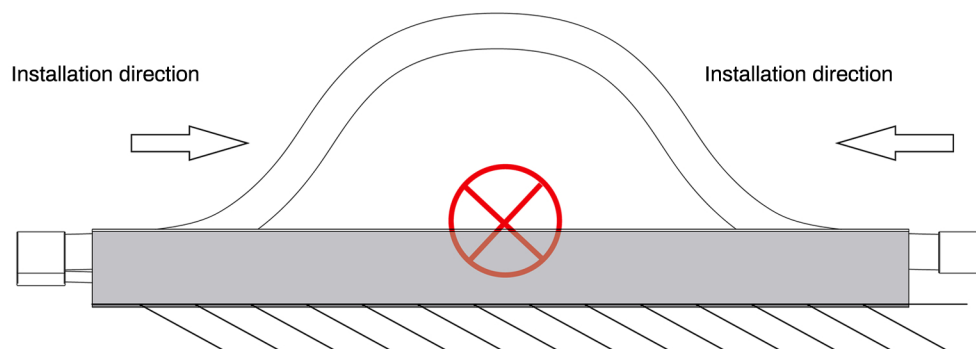
The plastic mounting piece of IP67 front connector and end cap should keep at least 10mm space apart from aluminum channel when making installation.



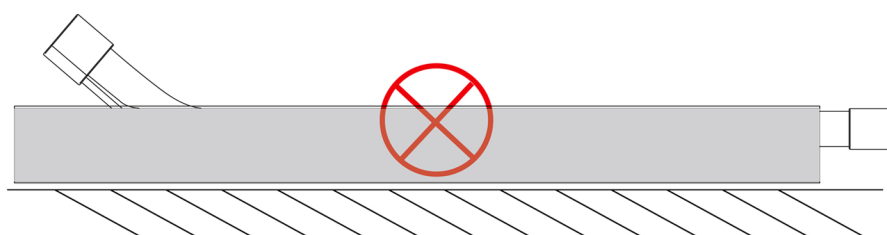
Press LED wall grazer into mounted aluminum channel in one direction.  
Installation direction



Incorrect installation like below picture could lead to light failure.

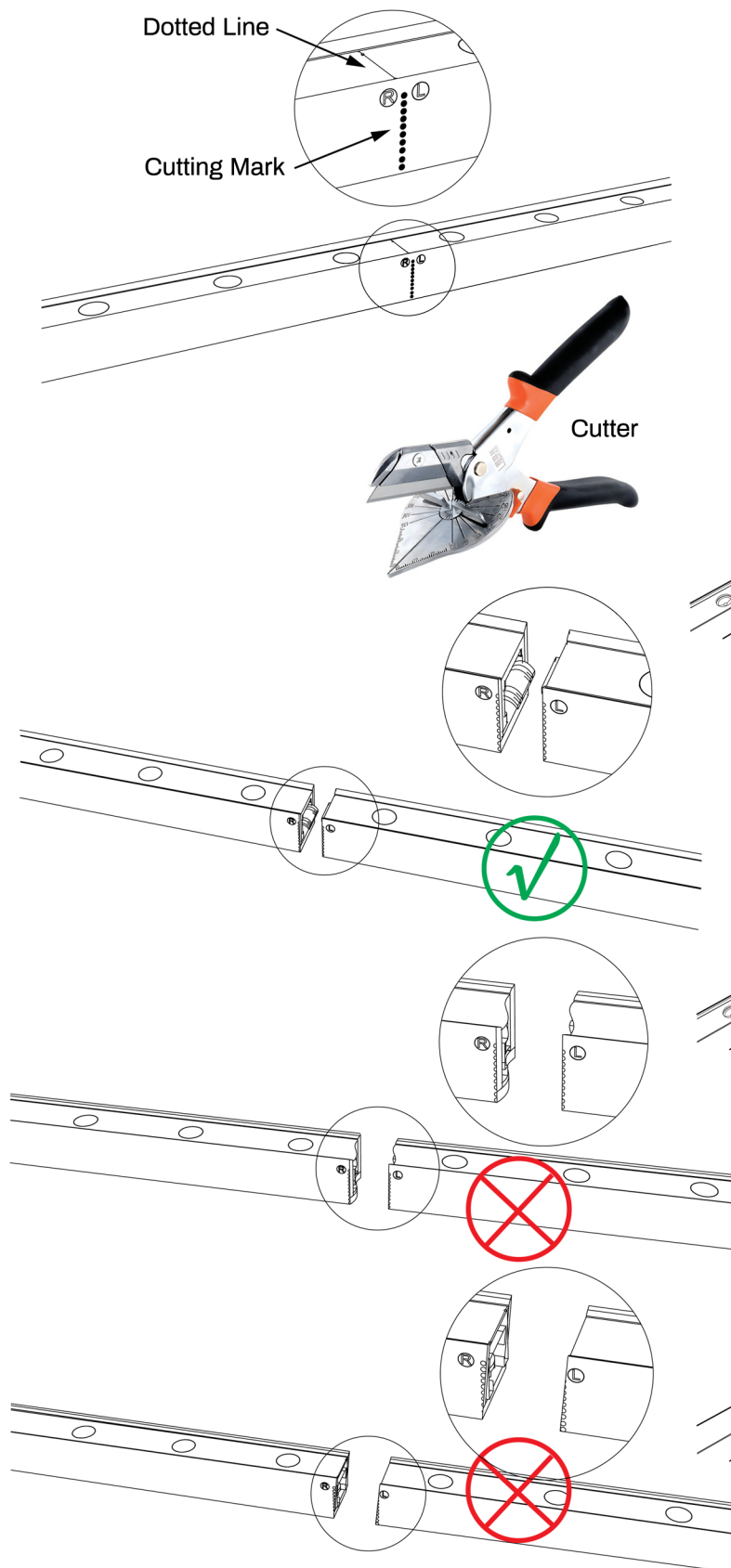


Incorrect installation way



## INSTALL

Usually some projects is unknown the detailed length, so it need to be cutted the right length and assembly with DIY front cap and end cap accessories. Before the assembly, the cutting is also important for installation. Here are some instructions of cutting LED wall grazer as below.

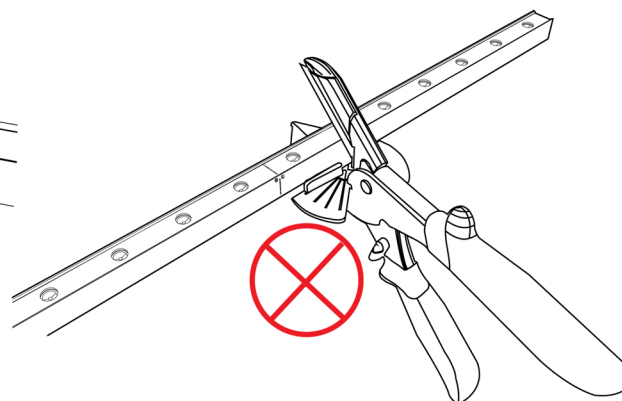
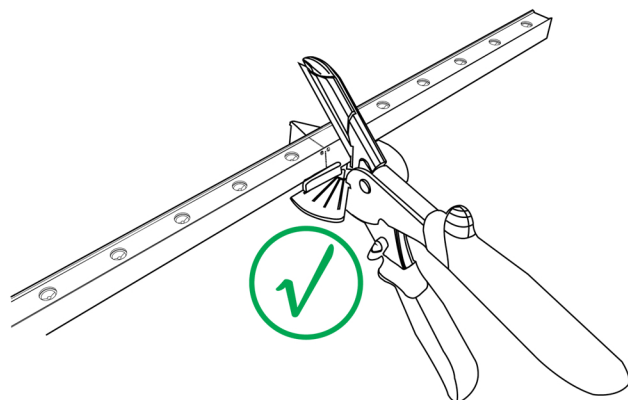


1. Use only factory-recommended cutter, common scissor is not suitable for cutting LED wall grazer.

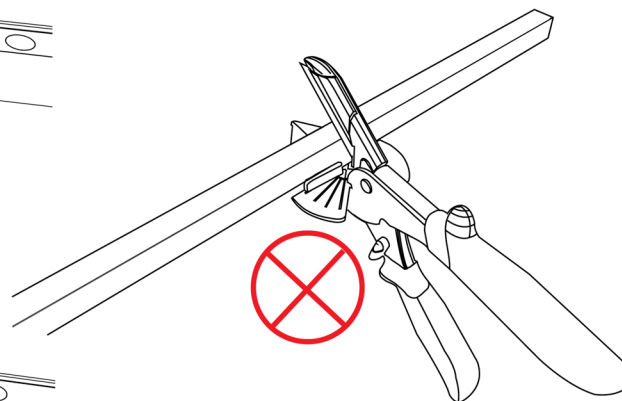
2. Place LED wall grazer in right when cut it.

3. LED wall grazer only can cut it per cutting mark laser on the neon flex, and cut it from the top.

4. The cutting surface should be flush and smooth, then it can be well connected with DIY connector accessories.



Cut far away from dotted line.



place in a wrong direction.