



RGB DMX TPU FLEX SERIES

CERTS: ETL, UL, CE, SGS, RoSH
WARRANTY: 3 YEARS

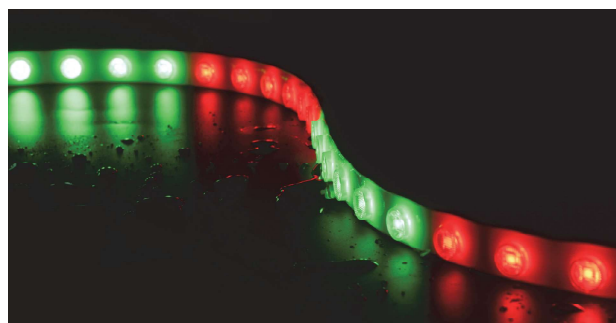


- › Adopting TPU material, it's resistant to yellowing, high temperature, corrosion, weak acid and alkali, and has great flexibility.
- › PU glue is used for filling and sealing, so that it has strong adhesion, good durability and high reliability.
- › Various beam angles (30°, 45°, 60°, 20°*45°) are available for different applications.
- › Using high-quality waterproof RGB light source and RGBW light source, with high brightness, low power consumption and good consistency.
- › Full color, combined with the control system which can realize the pattern changes of running water, horse race, meteor rear-end, chase, etc.
- › Compatible with DMX512 (1990) protocol, automatic addressing and encoding, using RS485 signal trunk and signal differential transmission mode.
- › It has strong anti-interference ability and long transmission distance.

Voltage	24V
Bram angle	15° / 30° / 45° / 15°*60°
Pixel (pix/M)	6
Gray Scale	256
Control Mode	DMX512

LEDs / M	36LEDs
Working hour	50000h
Working temperture	-25 C ~ +45 C
Cutttable length	166.6
Waterproof	IP67

Color	R	G	B	RGB
Power	4W	4W	4W	8.5W
Lumen / m	61	137	35	230
Wavelength/CCT	620-630nm	520-530nm	460-470nm	

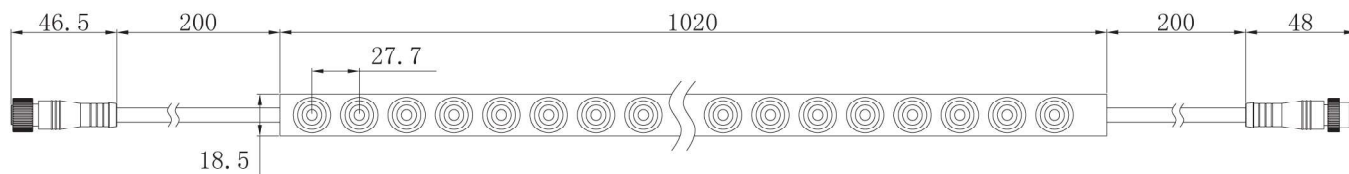




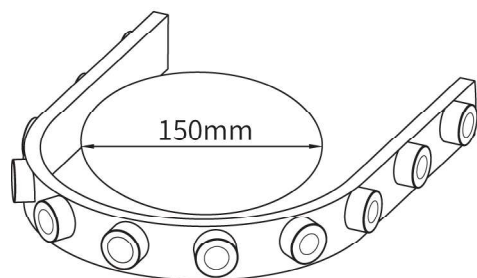
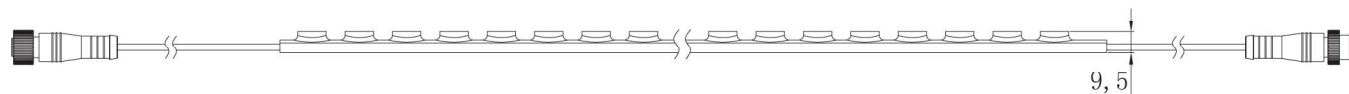
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Product Dimension



The max. length for per roll is 5meters.



3M Tape



Plastic Holding Clips



Stainless Steel Mounting Clips



Aluminum Profile



3M Glue



Angled bracket



aluminum channel



mounting clip



Silicone Clip



TPU 2 core flat cable



TPU 4 core flat cable



TPU 5Pin flat cable

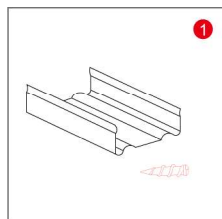


M12 connector 2/4/5core

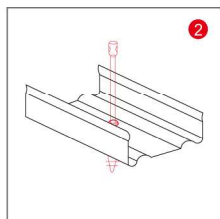
IP67 T shape 3-way
connecting cable 2/4/5 Pin



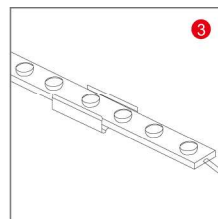
Mounting options



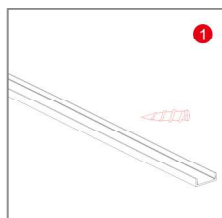
Prepare for screws and clips



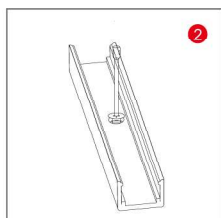
Drive the screw into the clips



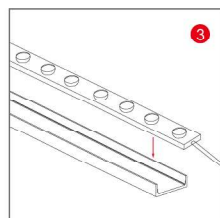
Put the light strip into the clip, installed to complete



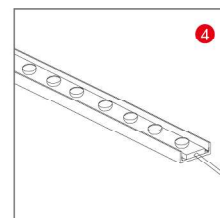
Prepare aluminum channel and screws



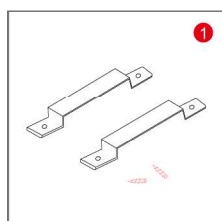
Drive the screw into the aluminum groove



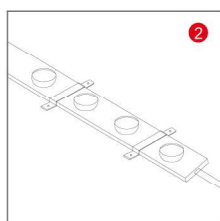
Put the light strip into the aluminum groove in the direction of the arrow



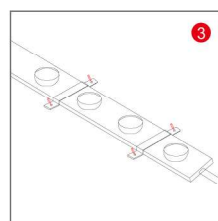
Installed to complete



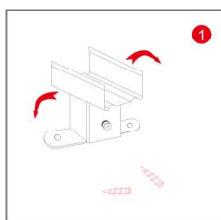
Prepare the silicone clip



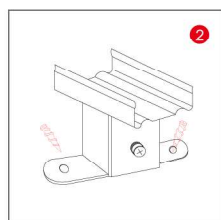
Put the light strip into the clip



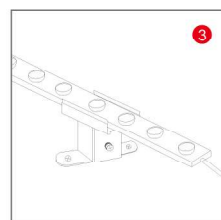
Screw the screws into the silicone clip to fix



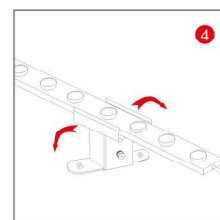
Prepare brackets and screws that can change the angle left and right



Screw the screws into the bracket to fix



Put the light bar into the clip on the bracket



As shown in the figure, the installed light bar can swing left and right to change the angle of the clip on the bracket

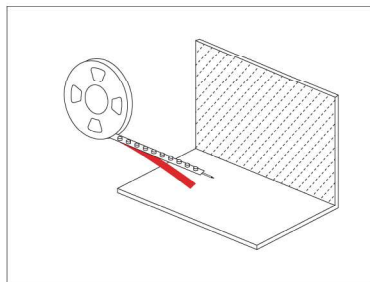


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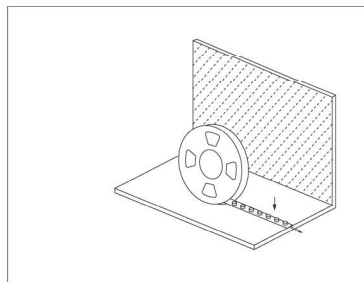
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Installation Diagram

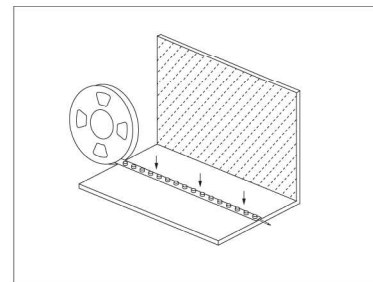
 Installation
With back tape



Remove the product from the packaging box and tear off the tape on the back.

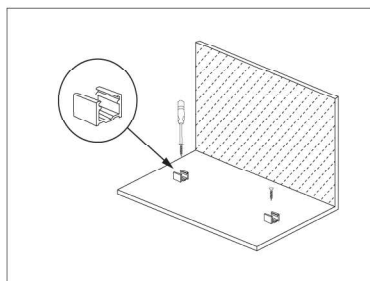


Install the product where you need it (ensure the wall is smooth), refer to the installation distance diagram for the specific glowing effect, and stick it firmly.

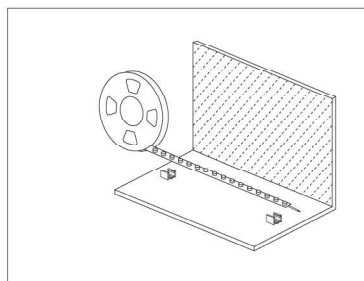


Connect the product to the low-voltage driver and energize it.

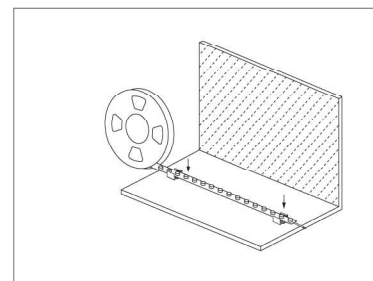
 Installation
with stainless steel
mounting clip



Remove the stainless steel mounting clips and screws from the packing box, and use a screwdriver to install these clips where needed.

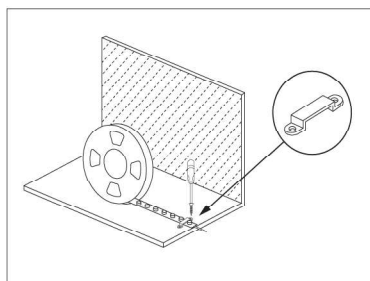


Take the light out of the box, then put the light into the clips and secured it (refer to the installation distance diagram for the specific glowing effect).

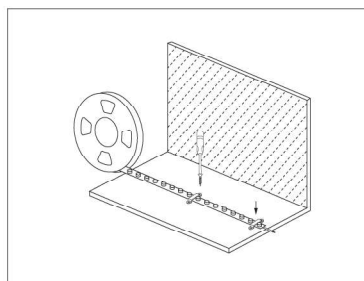


Connect the product to the low-voltage driver and energize it.

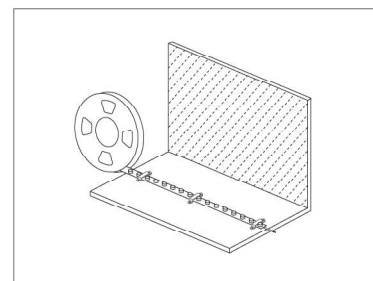
 Installation with
Silicone
Mounting Clip



Place the light where needed, and refer to the installation distance diagram for the specific glowing effect.



Remove the silicone mounting clips and screws from the package box, and fix these clips with a screwdriver.



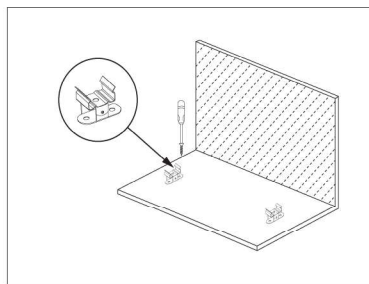
Connect the product to the low-voltage driver and energize it.



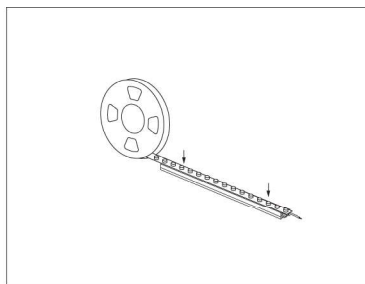
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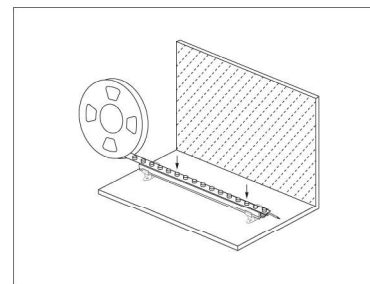
Installation with Aluminum Profile



Remove the light, aluminum profile and rotating brackets from the box, and fix the rotating brackets to the needed position with a screwdriver.



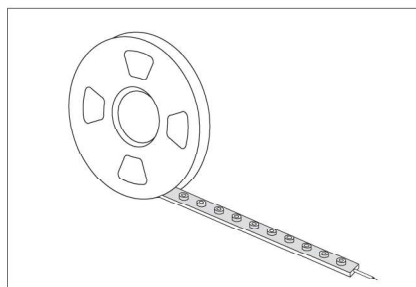
Put the light into the aluminum profile, and press the light down along the profile to ensure the light is tightly stuck into it. Then fasten the profile on the rotating brackets (according to the glowing angle requirements, the rotating bracket can be adjusted).



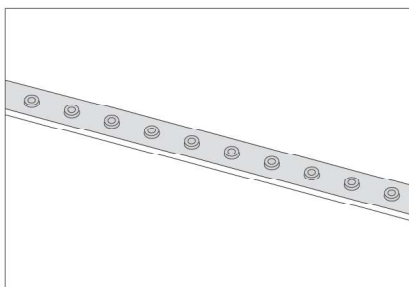
The specific glowing effect can be adjusted according to the needs of the application. After the installation, connect the light to the low-voltage driver and energize it.

! Cautions

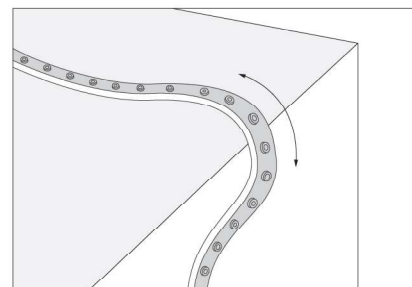
Correct operation



During the installation process, the LED wall washer is taken out from the reel naturally and keep it as straight as possible.

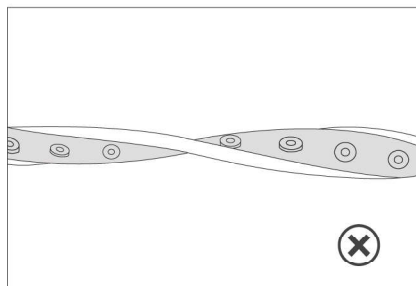


The LED wall washer should be kept vertical or horizontal during the installation process.

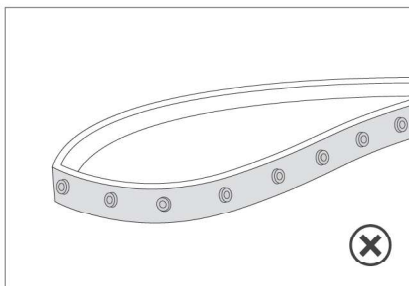


When LED wall washer meets the corner during the installation process, the LED wall washer must be kept facing up and the back facing down, maintaining a certain bending arc, $\Phi \geq 150\text{mm}$.

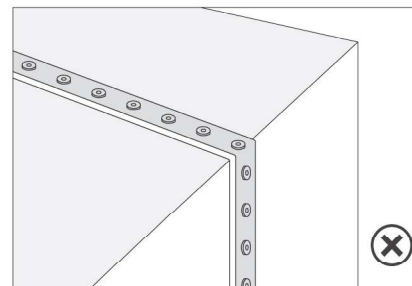
Wrong operation



Do not twist the LED wall washer during the installation process.



Do not fold the LED wall washer in half or bend it at a small angle during the installation.



When the LED wall washer meets the corner during the installation process, the LED wall washer must be kept facing up and the back down, and it cannot be bent at right angles.