

OPERATION INSTRUCTION

Components

Bending

Profile

- +Profile Cutting Lorem ipsum
- +Profile Jointing
- +Profile Installation

Optional Accessory

- +Glare Shield
- +Adjustable Mounting Bracket

Light Installation

Cable Jointing

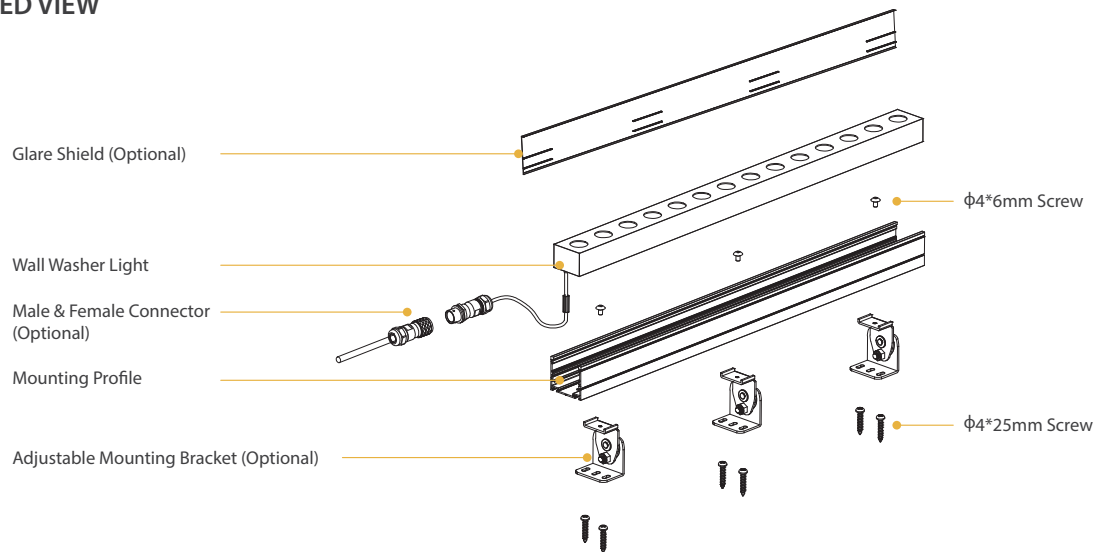
Light Uninstallation

-  Wrong operation, Not allowed.
-  Correct operation, please comply with it strictly.

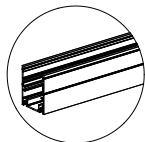
FXN 3525 | FLEXIBLE NEON

Components

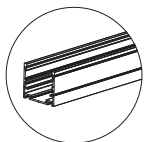
EXPLODED VIEW



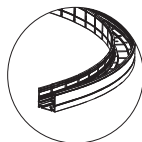
OPTIONAL PROFILE



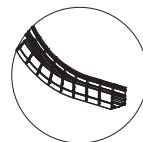
Serrated Aluminum
Profile H50



Serrated Aluminum
Profile H36

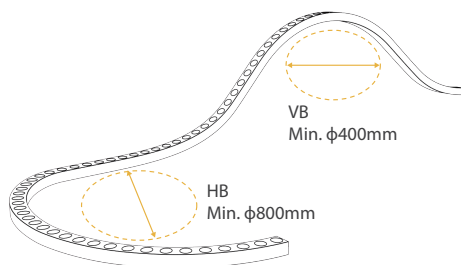


Bendable Serrated Aluminum
Profile H36 (HB)

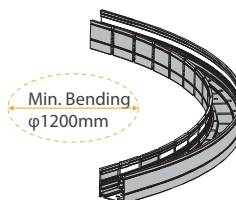


Bendable Serrated Aluminum
Profile H36 (VB)

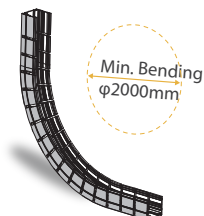
Bending



FXN 3525



Bendable Serrated
Aluminum Profile H36 (HB)

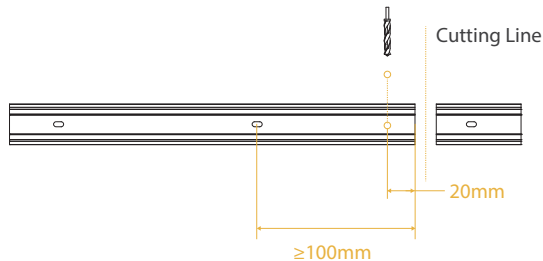


Bendable Serrated
Aluminum Profile H36 (VB)

FXN 3525 FLEXIBLE NEON Profile

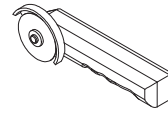
PROFILE CUTTING

The profile can be cut according to your need.

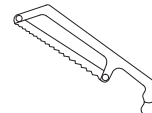


If the section end is more than 100mm away from the hole, drill a 5mm hole 20mm away from the end to fasten the profile.

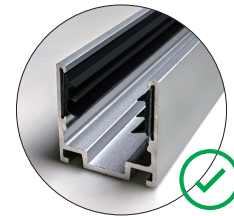
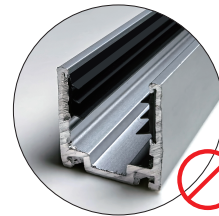
Recommended Cutting Tool



Electric Cutting Machine

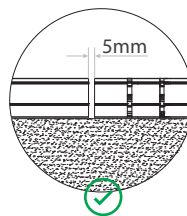
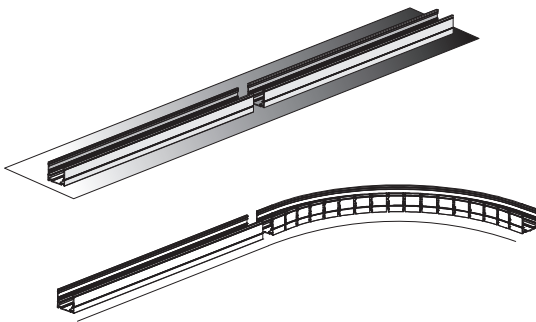


Saw

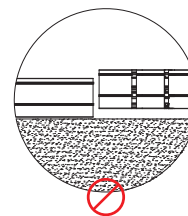


Remove the burr after cutting to prevent scratches to the light that could cause water ingress and damage.

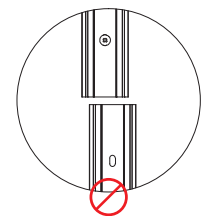
PROFILE JOINTING



Leave around
5mm space



NO vertical
misalignment



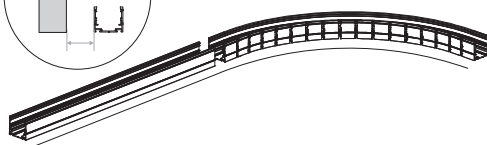
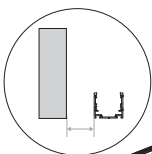
NO horizontal
misalignment

The misalignments shown above will cause the light to bend improperly and may lead to wrinkles or fractures in the PCB

PROFILE INSTALLATION

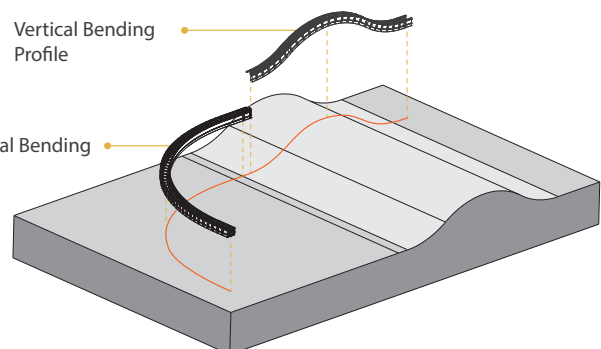
Step 1

Depending on your desired lighting, try to find the best installation area. If curved shapes are needed, mark out the outline of the installation first and put the corresponding bendable profile on the marked zone.

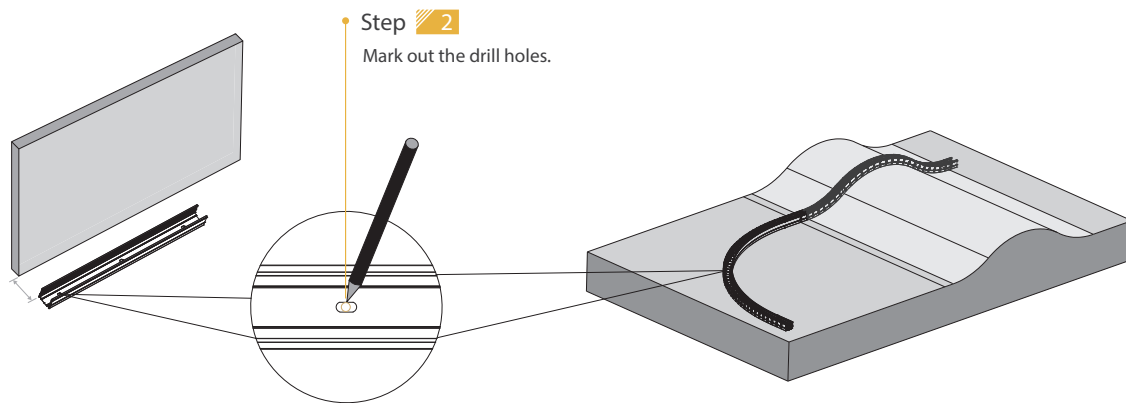


Vertical Bending
Profile

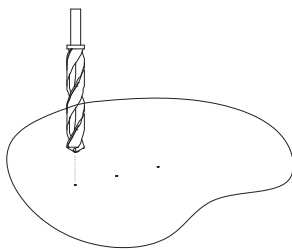
Horizontal Bending
Profile



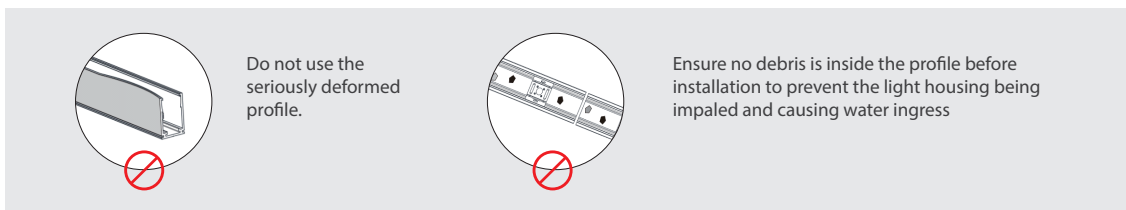
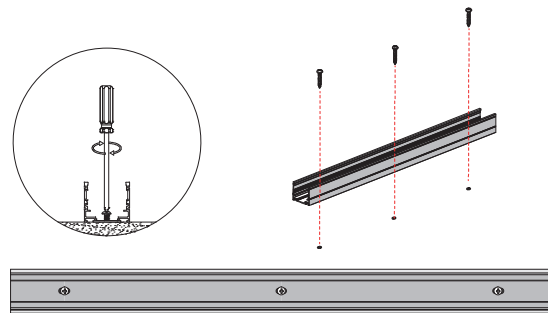
FXN 3525 FLEXIBLE NEON Profile



Step 3 Drill $\Phi 3.2\text{mm}$ holes first if it's concrete floor. No need drilling for wooden floor.



Step 4 Fasten the profile with self-tapping screws.

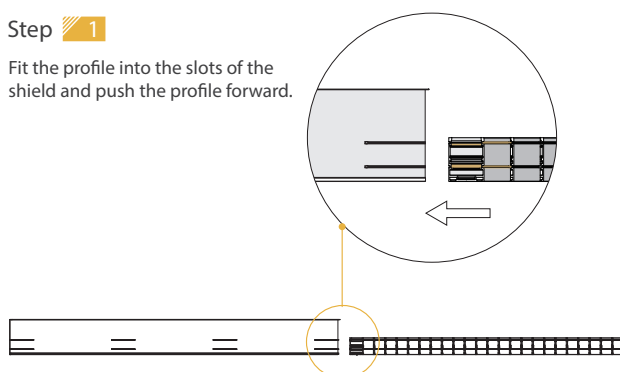


Optional Accessory

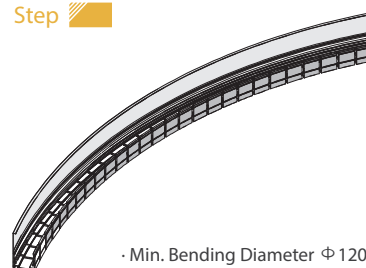
GLARE SHIELD

Step 1

Fit the profile into the slots of the shield and push the profile forward.



Step



· Min. Bending Diameter $\Phi 1200\text{mm}$

The glare shield must be installed with the bendable profile first in order to shape together.

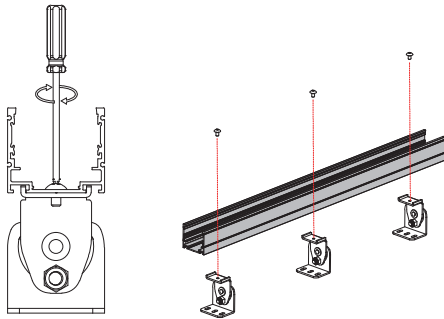
FXN 3525 FLEXIBLE NEON

Optional Accessory

ADJUSTABLE MOUNTING BRACKET

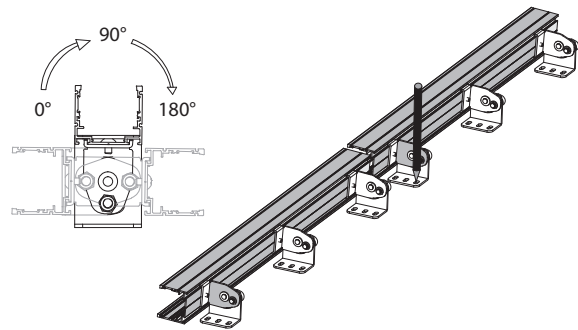
Step 1

Use screws to fasten the brackets on the profile. 2~3 brackets are recommended for every 1m of profile.



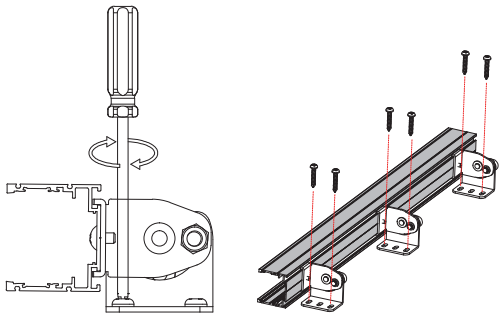
Step 2

Rotate the profile to one side and mark out the holes.



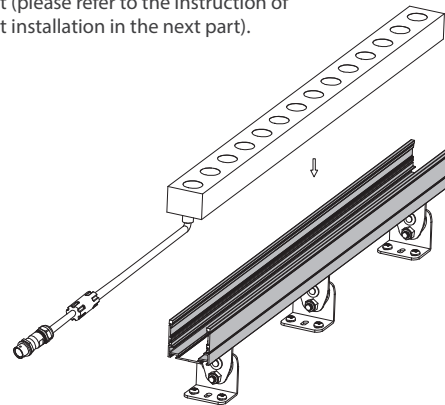
Step 3

Fasten the brackets with self-tapping screws.



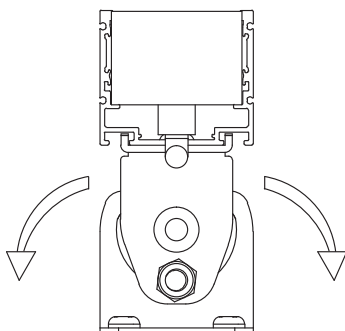
Step 4

Rotate the profile upward and install the light (please refer to the instruction of light installation in the next part).



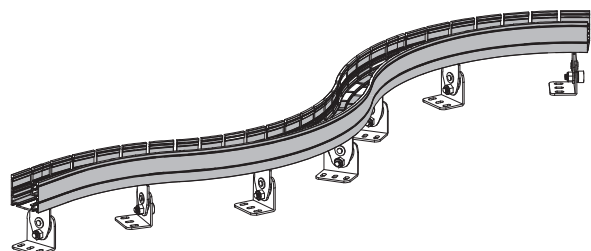
Step 5

Turn on the light and adjust the profile to your preferred lighting angle.



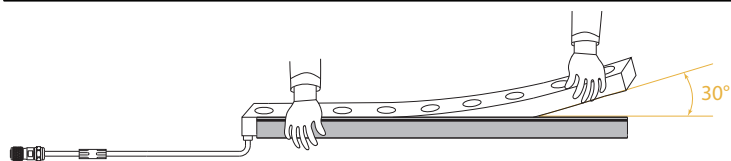
Note:

The adjustable mounting bracket can be equipped with bendable profile but the rotation angle will be limited.



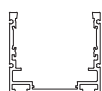
FXN 3525 FLEXIBLE NEON

Light Installation

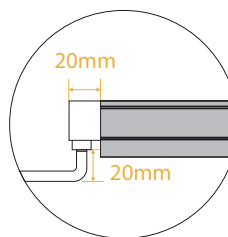
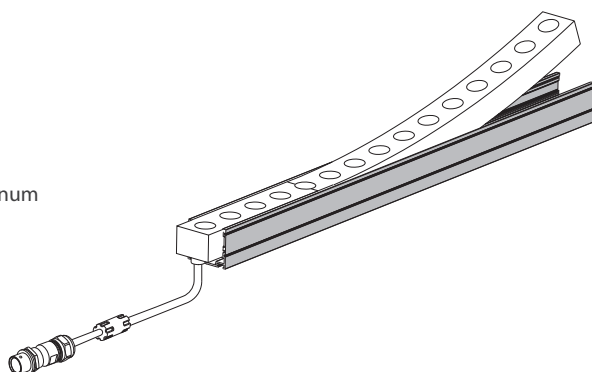


Make sure the angle between the light and profile is not bigger than 30°, otherwise inside PCB might be damaged.

When installing the light inside a H36 profile, leave about 20mm of the light out of the profile.

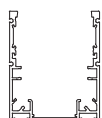


Serrated Aluminum
Profile H36

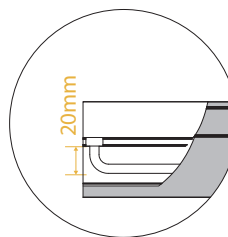
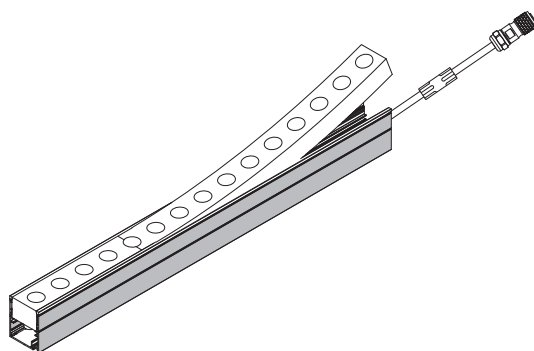


Make sure the light end is not pulled or placed under extra force. Long-term tension at the cable entry could cause water ingress.

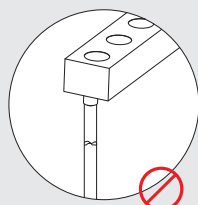
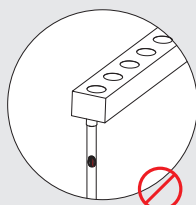
When installing the light inside a H50 profile, the light end can be aligned with the profile end.



Serrated Aluminum
Profile H50



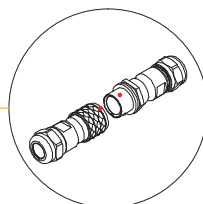
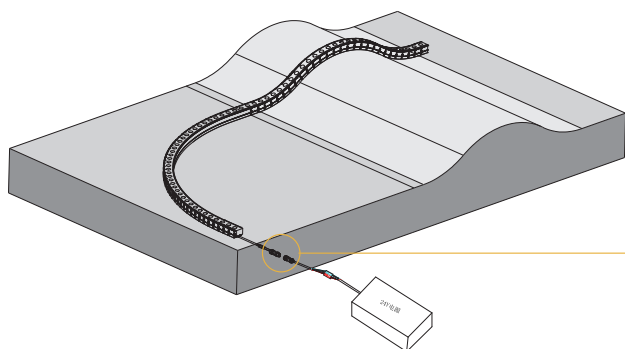
Make sure the light end is not pulled or placed under extra force. Long-term tension at the cable entry could cause water ingress.



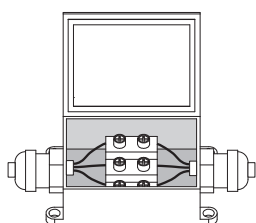
Make sure there are no scratches on the cable sheath, otherwise water ingress may occur.

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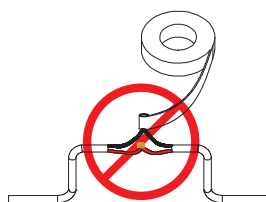
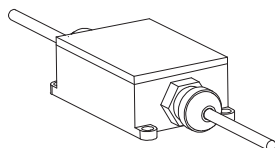
Cable Jointing



Align the red dots, insert the connectors then turn clockwise to tighten the connectors. Turn on the light and test it.

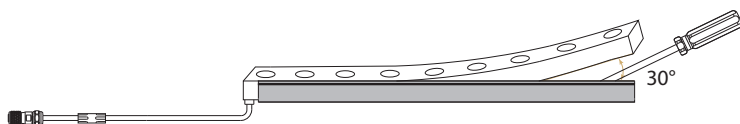


Please use the professional waterproof box or waterproof connector to do the cable treatment.



Wrapping the cable with adhesive tape only is not reliable, it will cause water ingress.

Light Uninstallation



Insert a screwdriver at the bottom of light and lift the light slowly. Be careful about the angle between the light and profile, it should not be bigger than 30°.