

PROJECT: _____

FIXTURE TYPE _____



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TOOLS



MINI TOOLS CASE

To provide better customer experience, we launched a set of tool kit to make it more convenient for using our products.

Cutter: Easy to use even for ladies. With this innovative tool, people could cut the light to get a flat and smooth cross section and achieve IP68 waterproof with front connectors and end cap.

Insert inducer: As our light is capsulated by PVC, electrode may be very close to PVC. Insert inducer will help you get them apart easily to find the copper and to install the connector.

Note: Do not insert the inducer too deeply; 5-10mm is enough.

Gripper: It is to finish mechanical clasp connector assembly. After pushing anti-skidding clip into U Steel plate, place it in right setting slot against the U Steel Plate. With U Steel Plate as fulcrum, rotate gripper by lever principle until hearing sound of snap-in or seeing popup of shrapnel on Anti-skidding Clip



Cutter



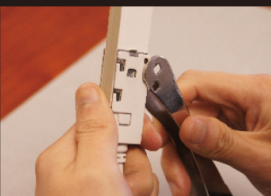
Open it



Cut the light vertically



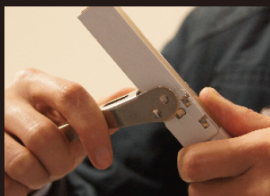
Cut



Place the gripper



Rotate the gripper



Till shrapnel popup



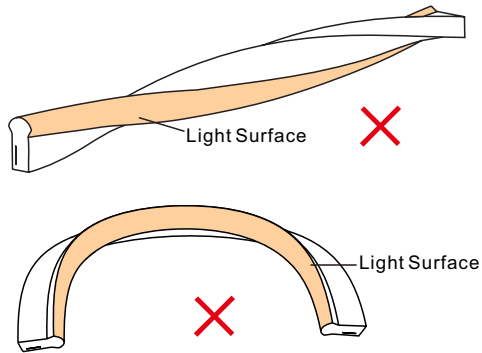
Insert inducer

INSTALLATION CAUTION V 1.0 1006010004

NOTE

Once you have chosen a lighting configuration and finished making necessary connections, mounting of flex ribbon light longer than 2m requires min. two electricians. One electrician mounts the flex ribbon light and the other is supporting the roll. Twisting or bending the flex ribbon light over defined min. bending diameter during mounting can damage inside circuit board and LEDs.

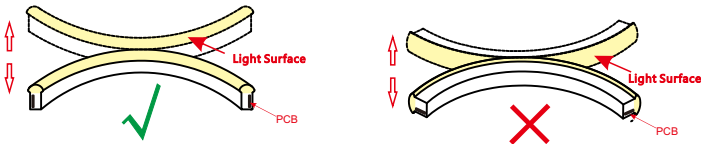
1. Twisting the light is forbidden



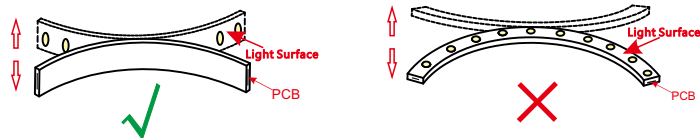
WARNING: The above wrong approach will damage to the light.

2. Correct bending way

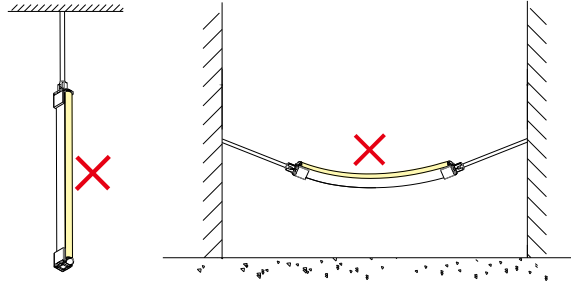
For side view light: F10, F11, F15, F21



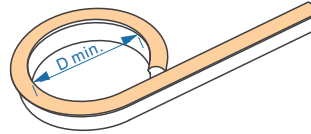
For top view light: F16, F17, F22



3. The installing ways illustrated by the following pictures are forbidden. Choose appropriate mounting profile to install. Do not hang or suspend in the air.



4. Minimum bending diameter (Dmin.)

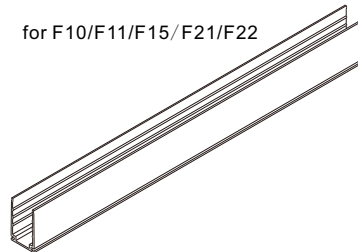


Model	D min.
F10	90mm
F11/F15/F21	120mm
F16	50mm
F17	30mm
F22	300mm

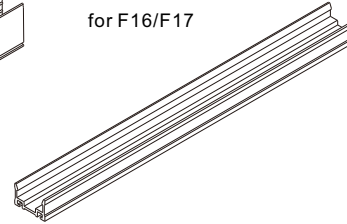
5. Choose appropriate aluminum profile

5. 1 Standard aluminum profile

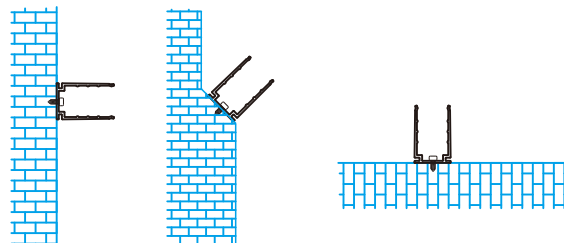
for F10/F11/F15/ F21/F22



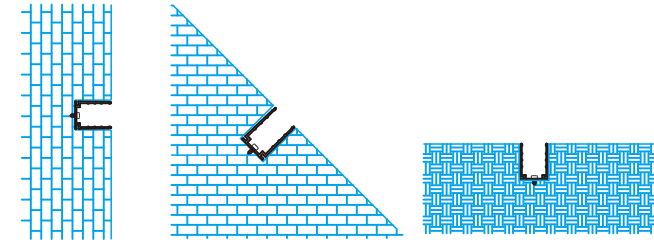
for F16/F17



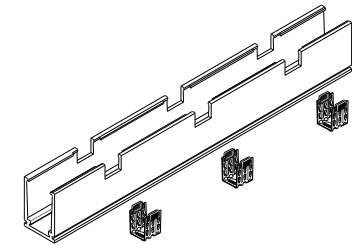
5. 1.1 Surface mounting



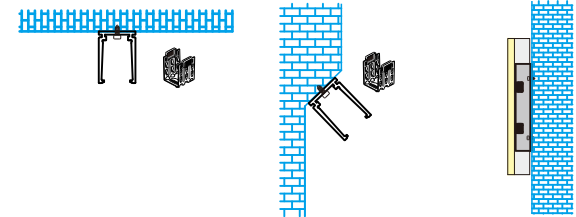
5. 1.2 Recess mounting



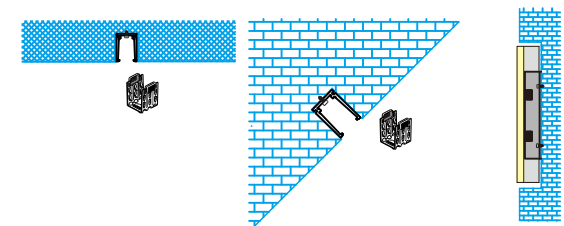
5. 2 Self-Locking aluminum profile



5. 2.1 Surface mounting



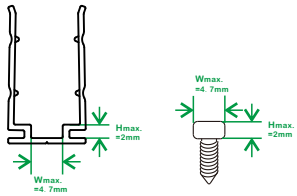
5. 2.2 Recess mounting



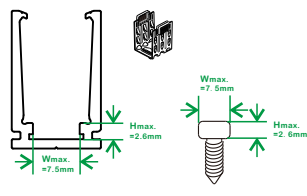
6. Requirements of aluminum profile modification

- 6.1 Ensure the cutting edge is smooth, without metal burr after cutting the aluminum profile.
- 6.2 Customer can re-drill the aluminum profile and use alternative screws according to on-site mounting condition. The limited space within the aluminum profile restricts the screws used to the following dimensions.

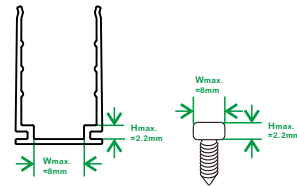
F10 standard aluminum profile



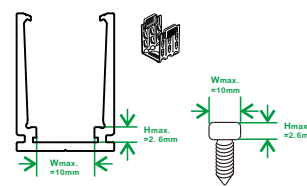
F10 self-locking aluminum profile



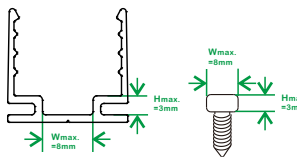
F11/F15/F21 standard aluminum profile



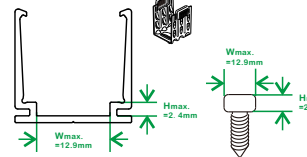
F11/F15/F21 self-locking aluminum profile



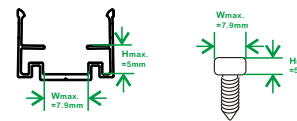
F22 standard aluminum profile



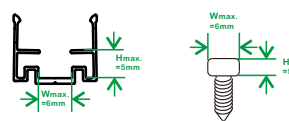
F22 self-locking aluminum profile



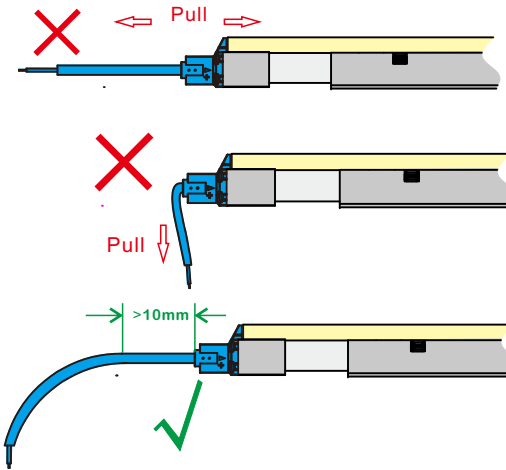
F16 aluminum profile



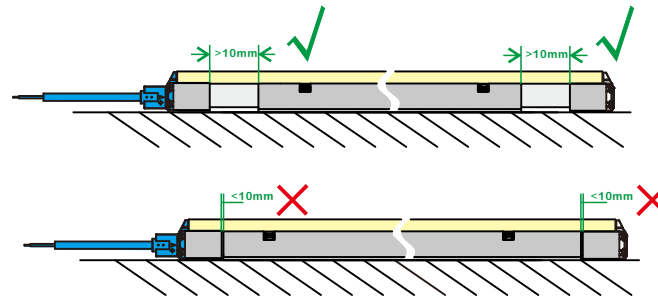
F17 aluminum profile



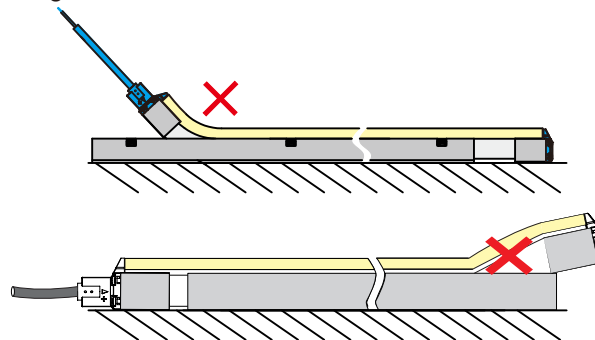
7. Ensure the feeding cable not bear force, keep the head 10mm in natural loose.



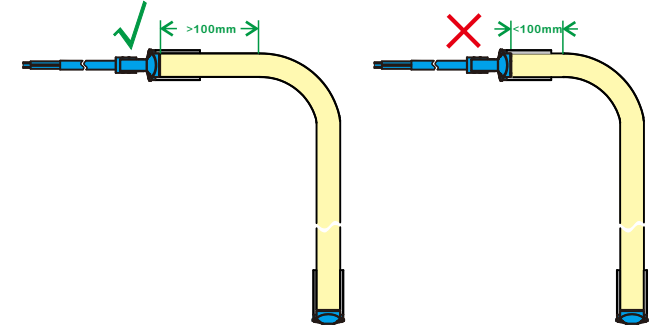
8. The U aluminum mounting piece of IP68 front connector and end cap should keep at least 10mm space apart from aluminum profile when making installation.



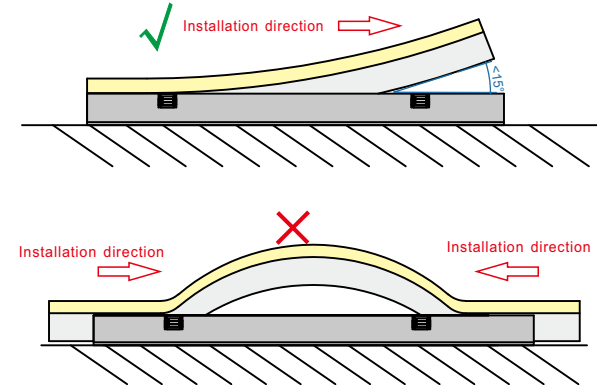
9. Incorrect installation like below pictures could lead to light failure.



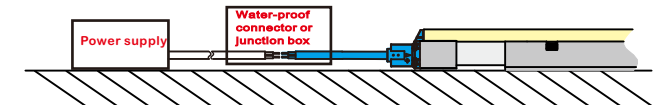
10. Do not bend against light terminals, it will lead to failure of connector waterproof.



11. Press the flex light into mounted aluminum profile in one direction.



12. Mount the cable junction in hermetic enclosure like waterproof junction box in outdoor application.



13. In outdoor vibration application (like bridge, big bell), apply auxiliary silicone to cover the connector screws to avoid them loose.

