

LED Neon Flex Installation Instructions

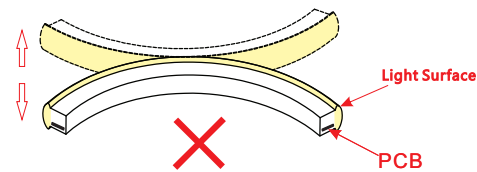
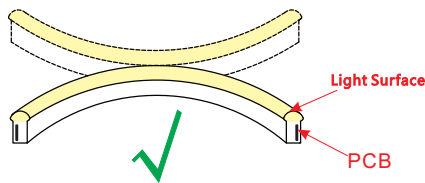


Do **NOT** twist the flex neon.
This can damage the lighting circuit board.

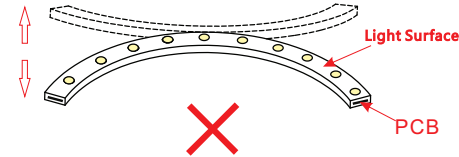
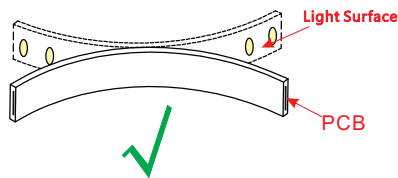
Correct way to bend the lighting.

Wrong way to bend the lighting.

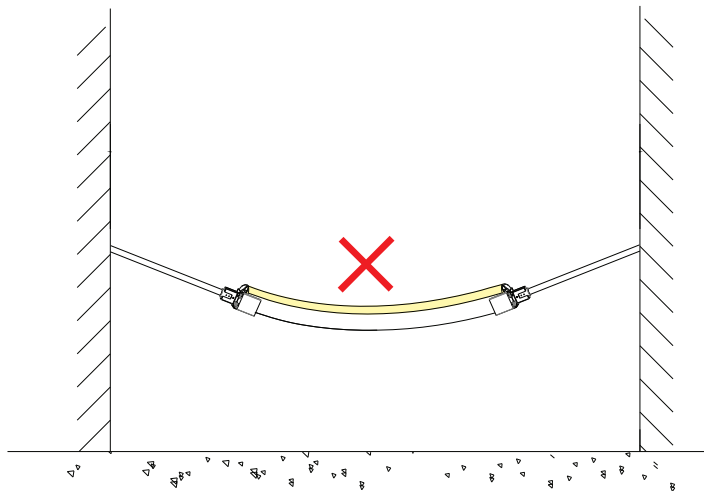
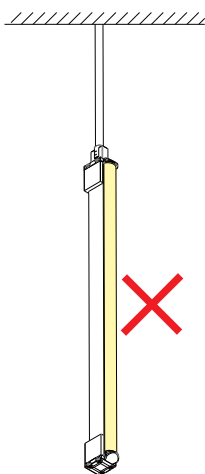
For side view light: F10, F11, F15, F21



For top view light: F16, F17, F22



Do not hang or suspend in air

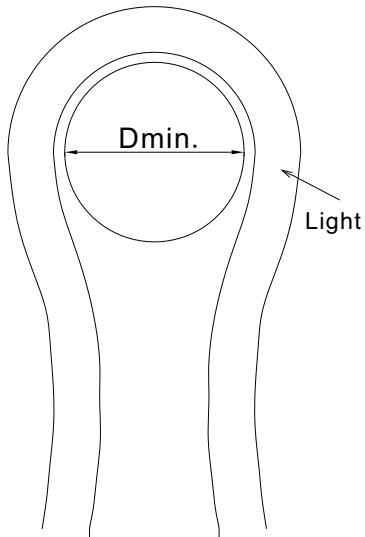


The installing ways illustrated by the following pictures are not recommend.

Choose appropriate mounting profile to install.

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Minimum bending diameter

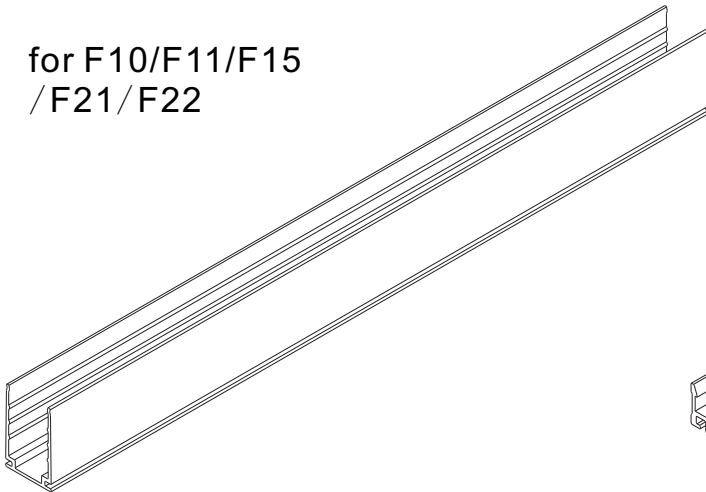


Model	D min.	
F10	90mm	3.5 inches
F11/F15/F21	120mm	4.72 inches
F16	50mm	1.96 inches
F17	30mm	1.18 inches
F22	300mm	11.8 inches

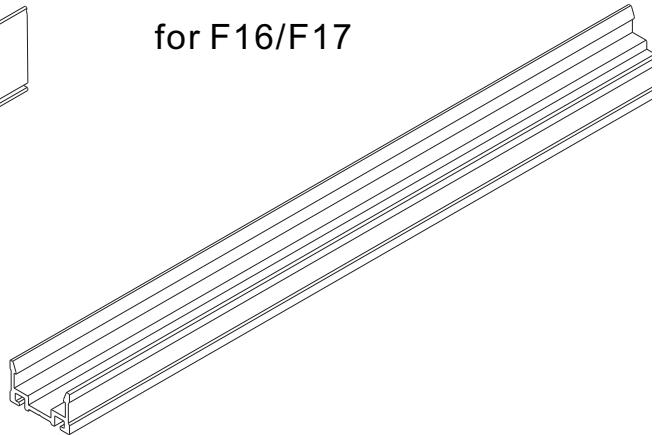
Choose appropriate aluminum profile

5. 1 Standard aluminum profile

for F10/F11/F15
/F21/F22



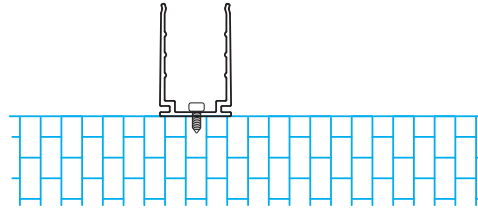
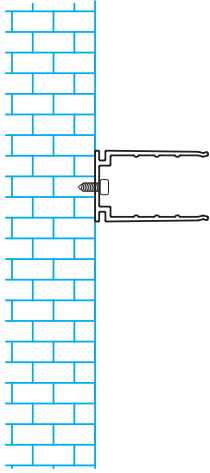
for F16/F17



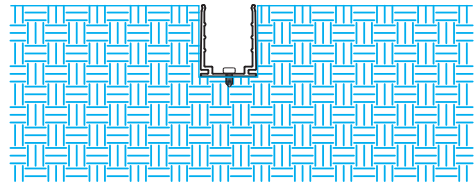
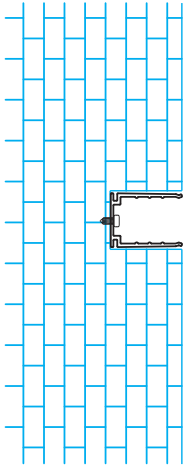
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Choose appropriate aluminum profile

5. 1.1 Surface mounting



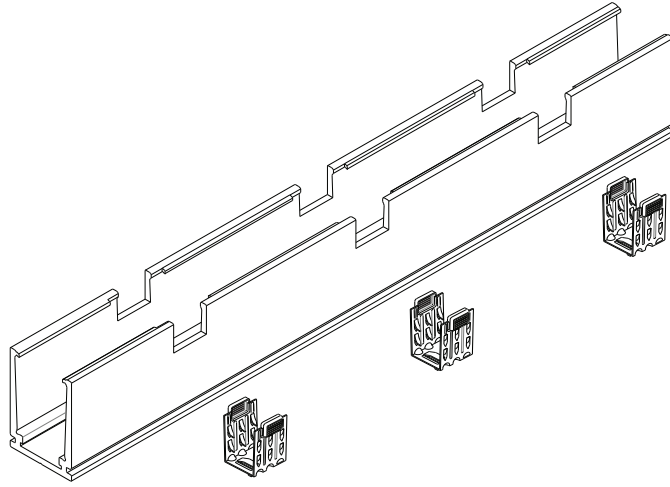
5. 1.2 Recess mounting



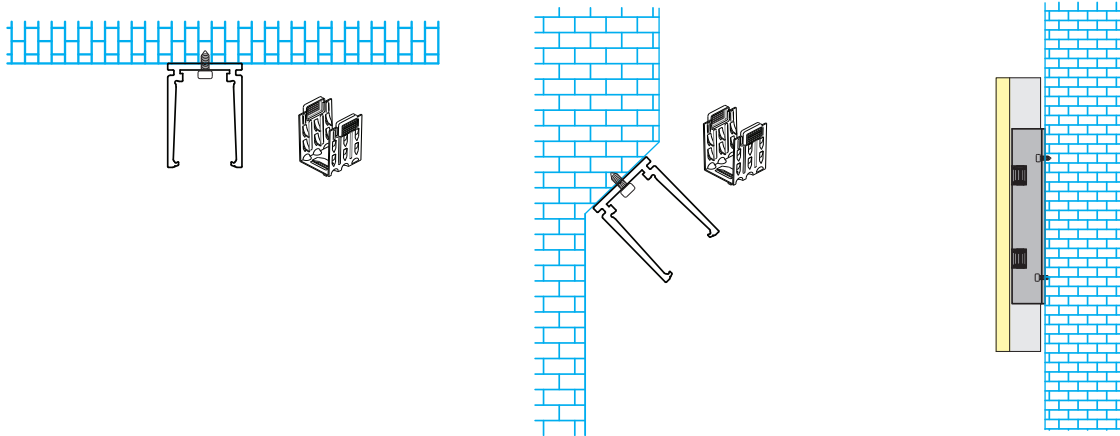
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Choose appropriate aluminum profile

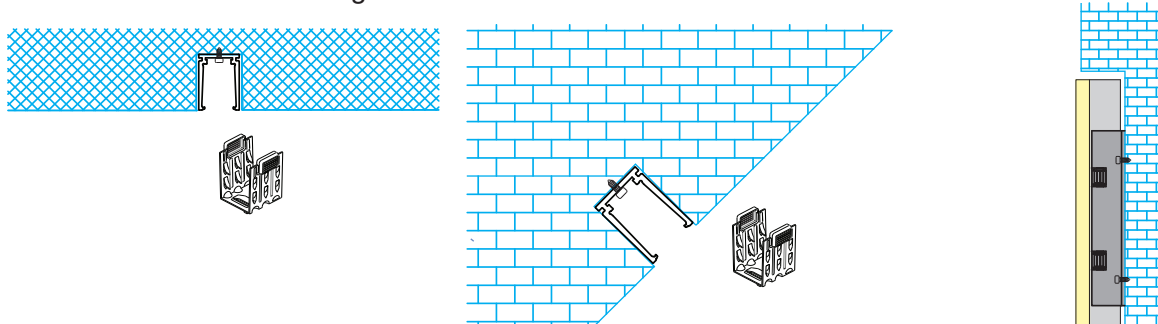
5. 2 Self-Locking aluminum profile



5. 2.1 Surface mounting



5. 2.2 Recess mounting

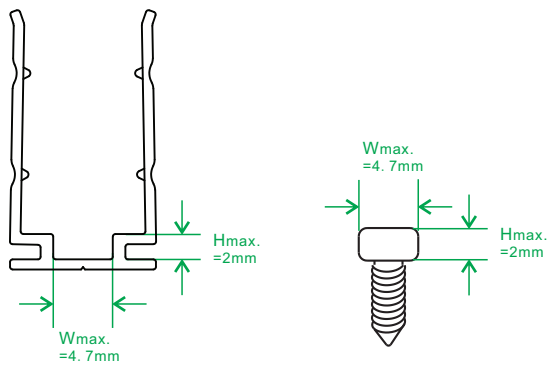


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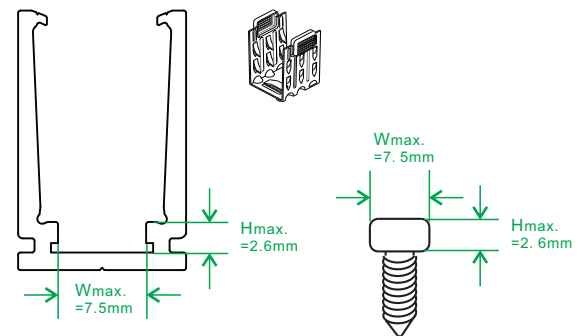
Requirements of aluminum profile modification

- 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:

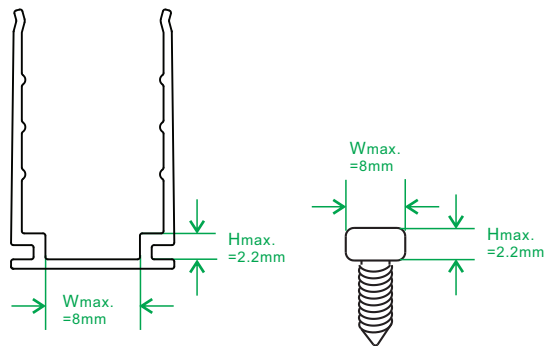
F10 standard aluminum profile



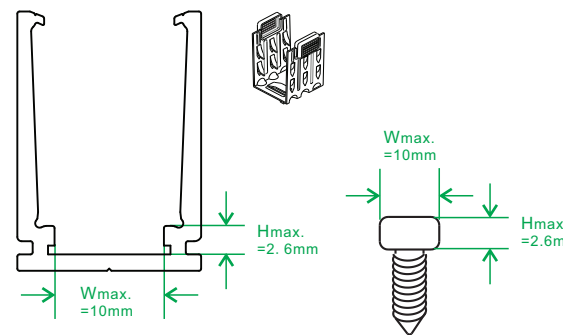
F10 self-locking aluminum profile



F11/F15/F21 standard aluminum profile



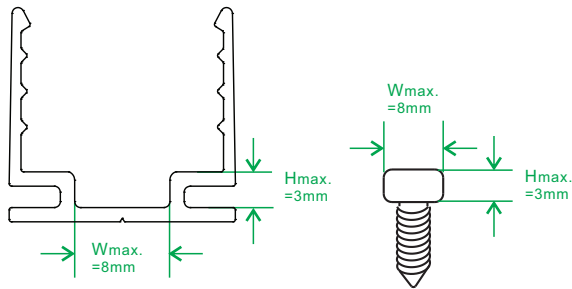
F11/F15/F21 self-locking aluminum profile



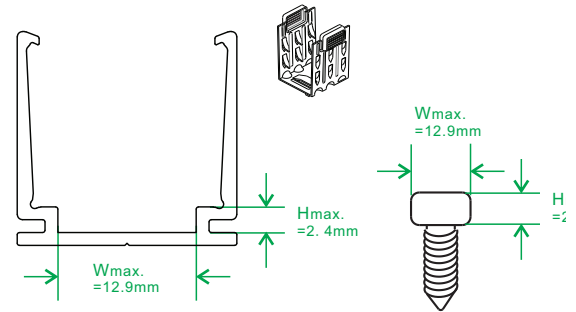
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Requirements of aluminum profile modification

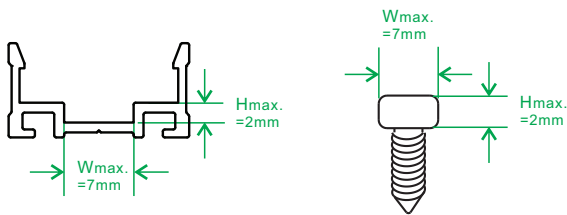
F22 standard aluminum profile



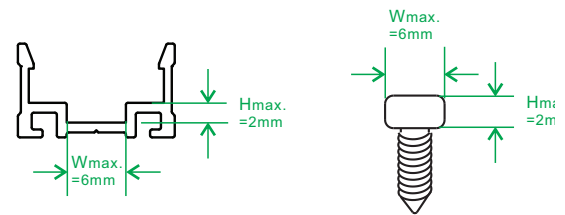
F22 self-locking aluminum profile



F16 aluminum profile

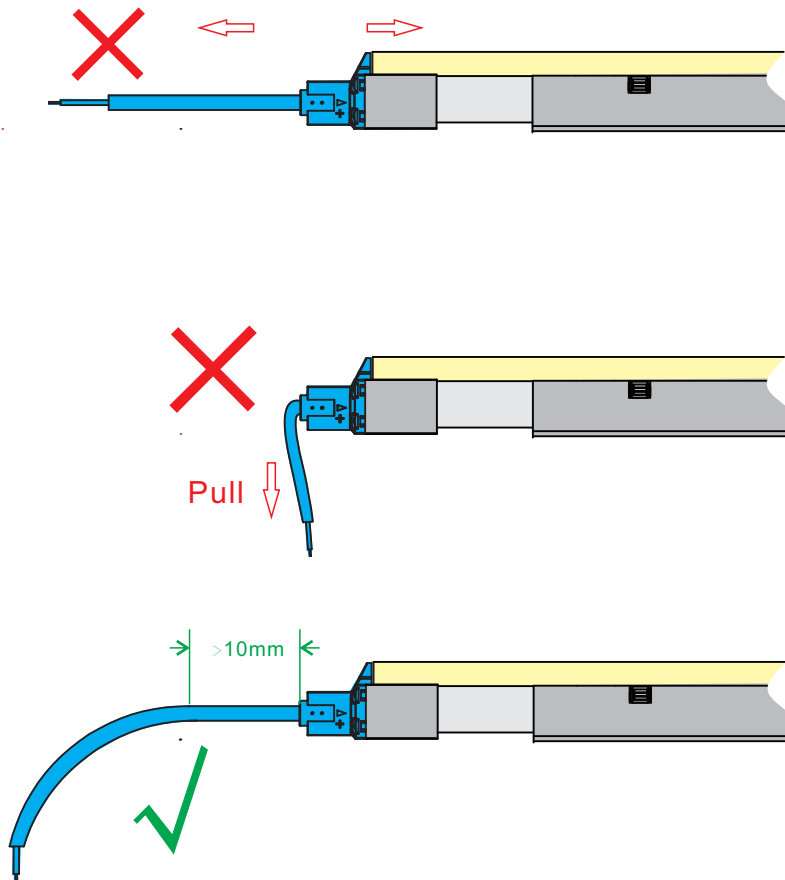


F17 aluminum profile

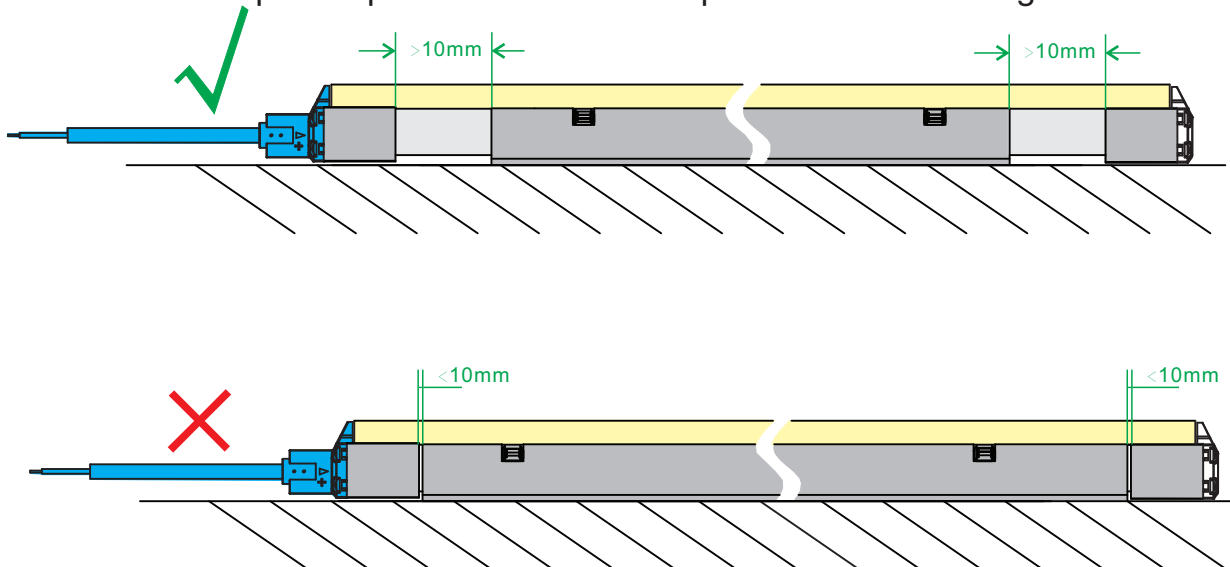


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Ensure the feeding cable not bear force, keep the head 10mm (0.39 inches) in natural loose.

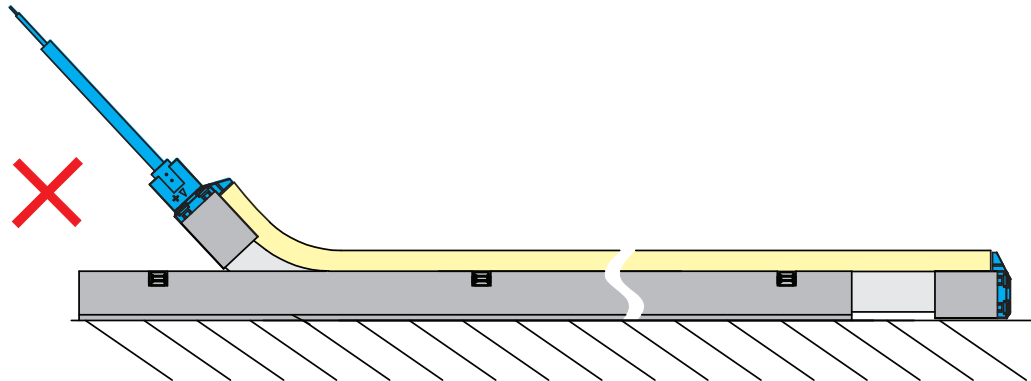


The U aluminum mounting piece of IP68 front connector and end cap should keep at least 10mm space apart from aluminum profile when making installation.

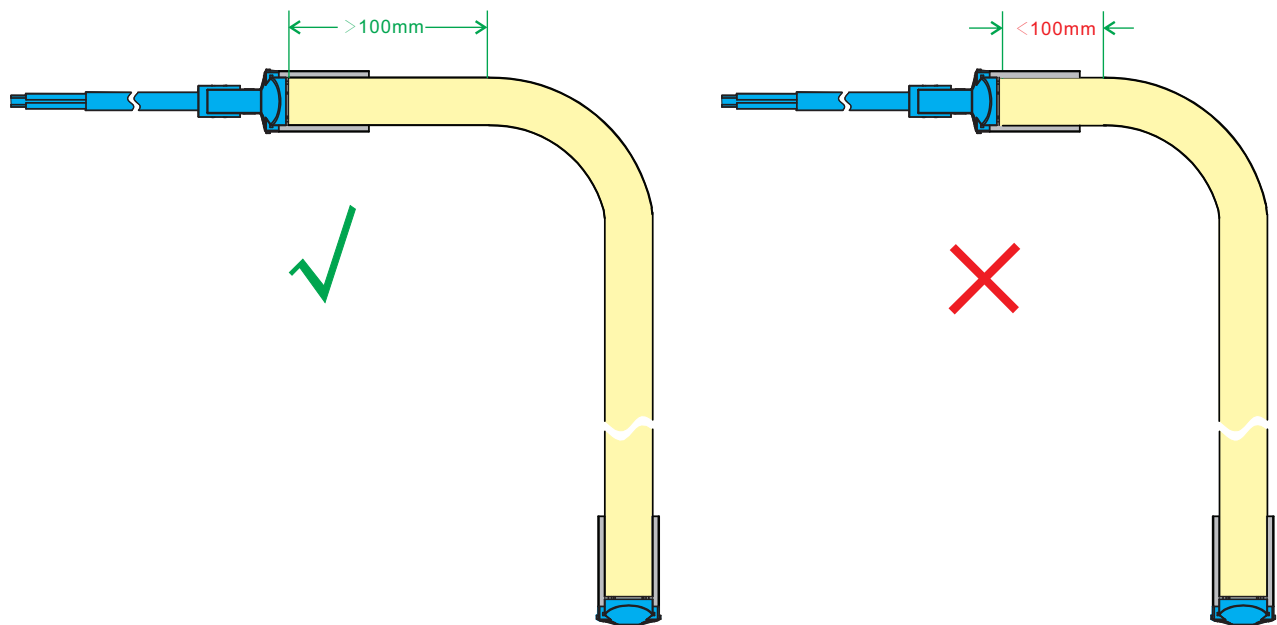


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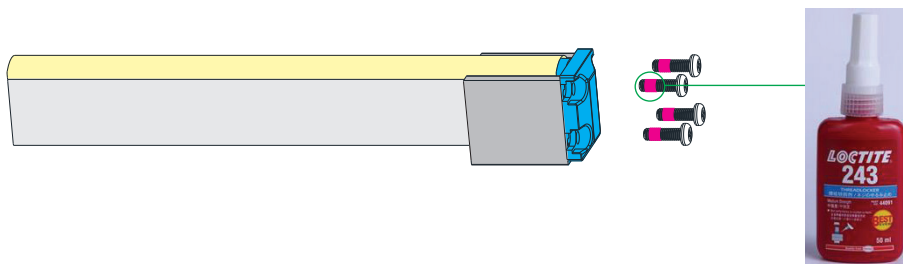
9. Incorrect installation like below picture could lead to light failure.



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

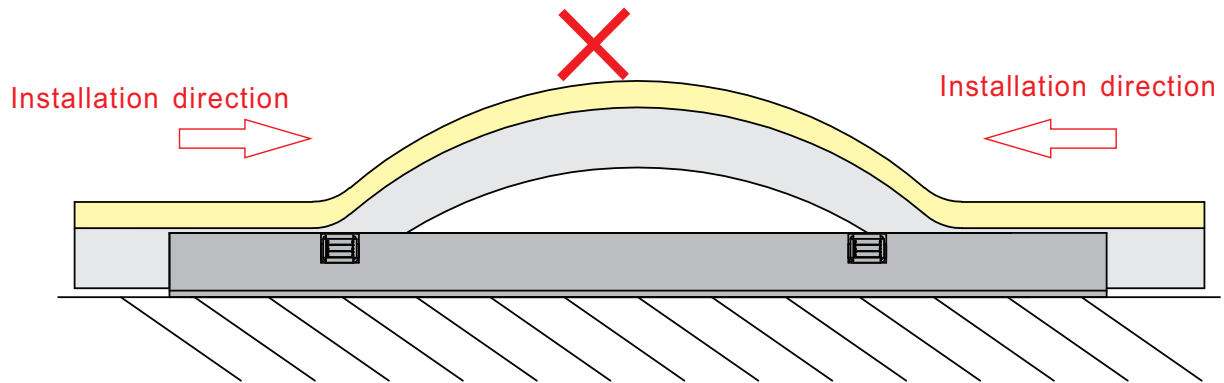
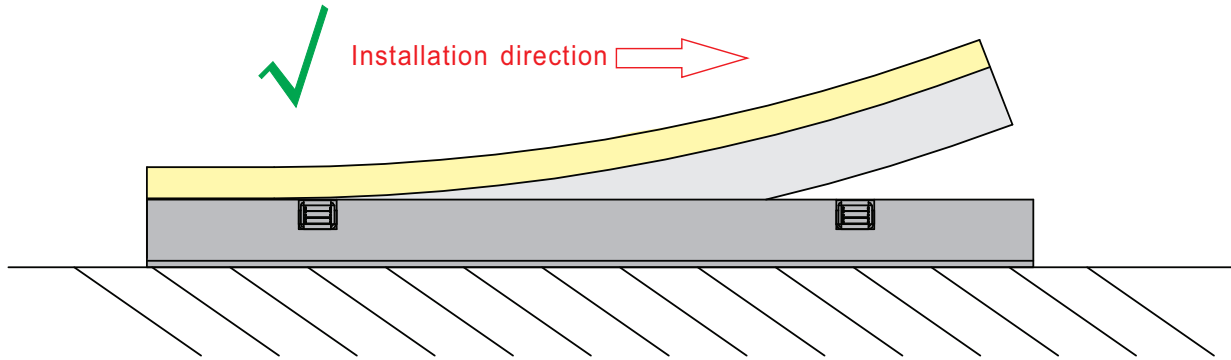


11. In outdoor vibration application (like bridge, big bell), apply auxiliary silicone to cover the connector screws to avoid them loose.



LED Neon Flex Installation Instructions

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



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

