

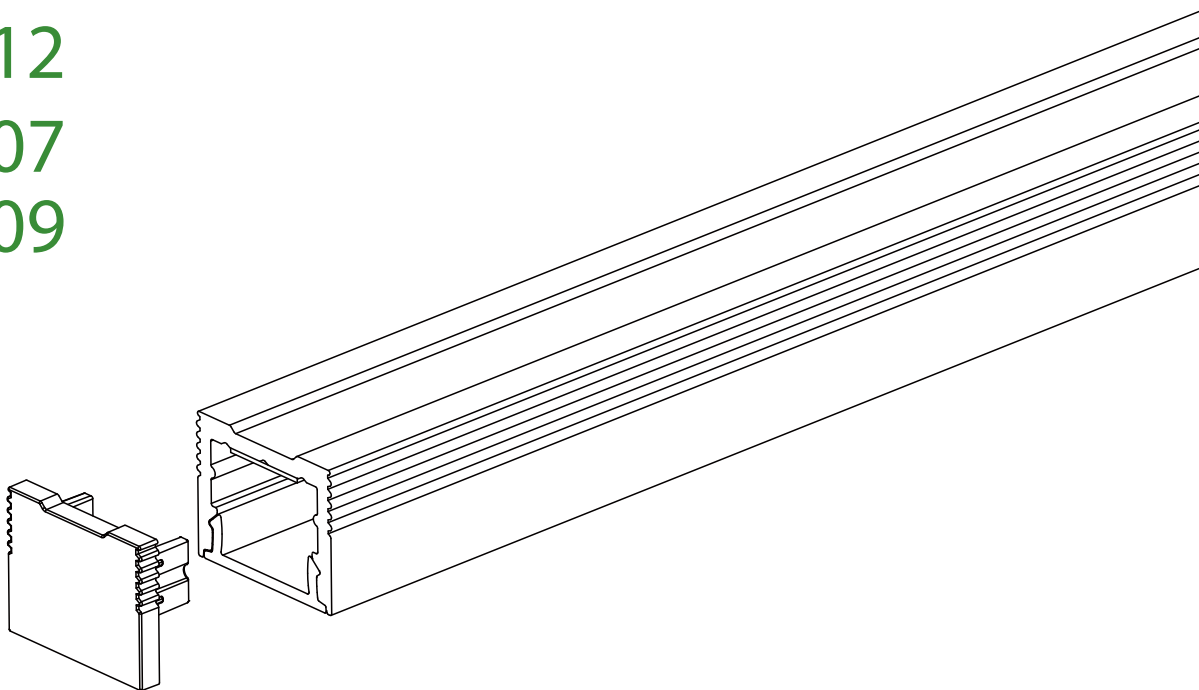
USER MANUAL

LINE S1613(B)

LINE S0812

LINE S1607

LINE S0709



Please read the manual carefully before installation and application, and use the product in the correct way.

Instructions on accessories are included in the manual.

Please properly maintain the manual after reading and understanding it for convenient reference by all users of the product in the future.

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01 Components

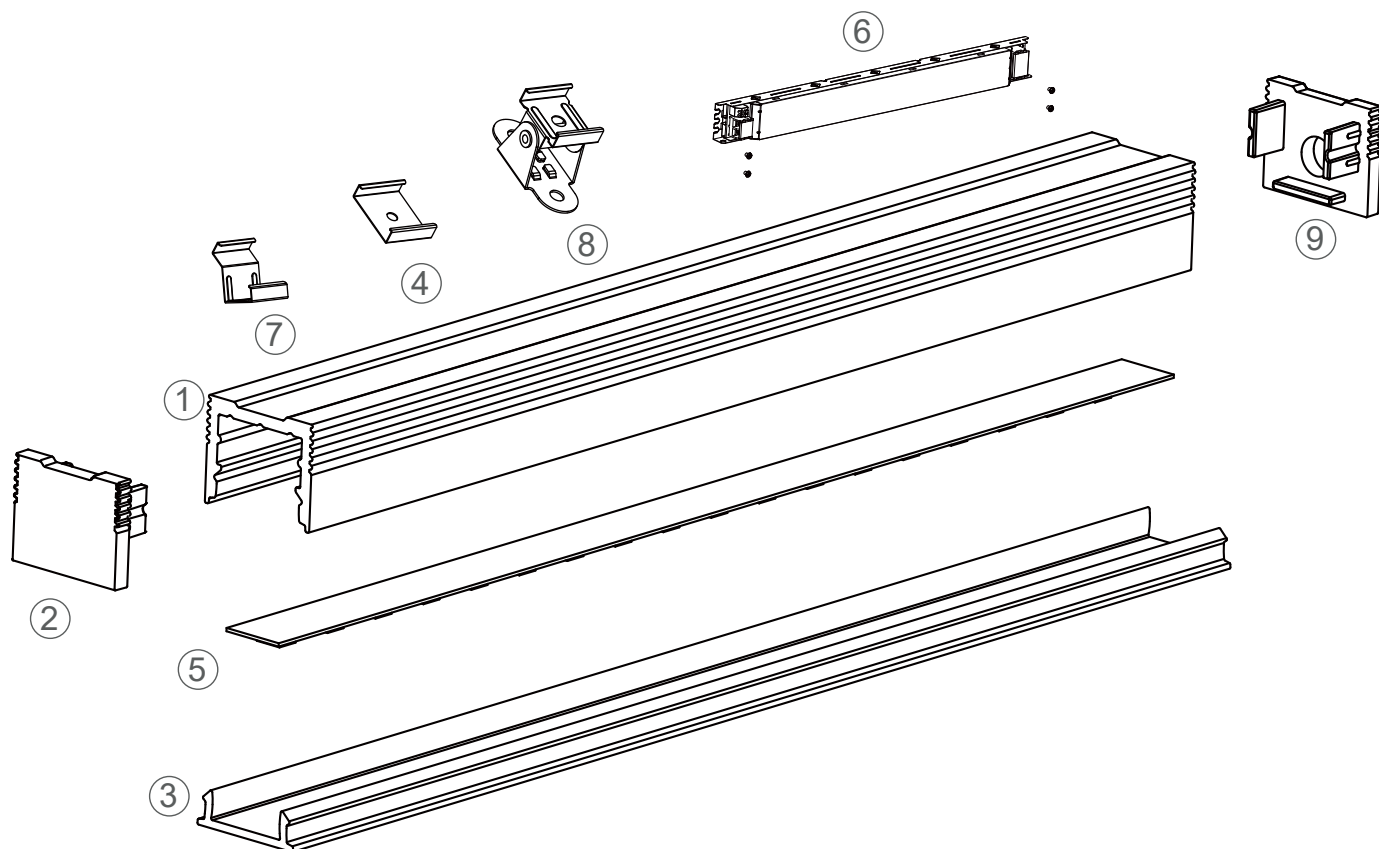
02 Installation

Surface mounted

Recessed mounted

03 Cutting

04 Applications



Essential

- ① Profile x1
- ② End cap x4
- ③ Diffuser x1
- ④ 90° Mounting clip x8

Installation accessories *

- ⑦ 45° clip (not supplied with S0709/S0812)
- ⑧ 180° adjustable clip
(not supplied with S0709/S0812)

Lighting Source and Power Supply *

- ⑤ Flexible strip
- ⑥ Power supply

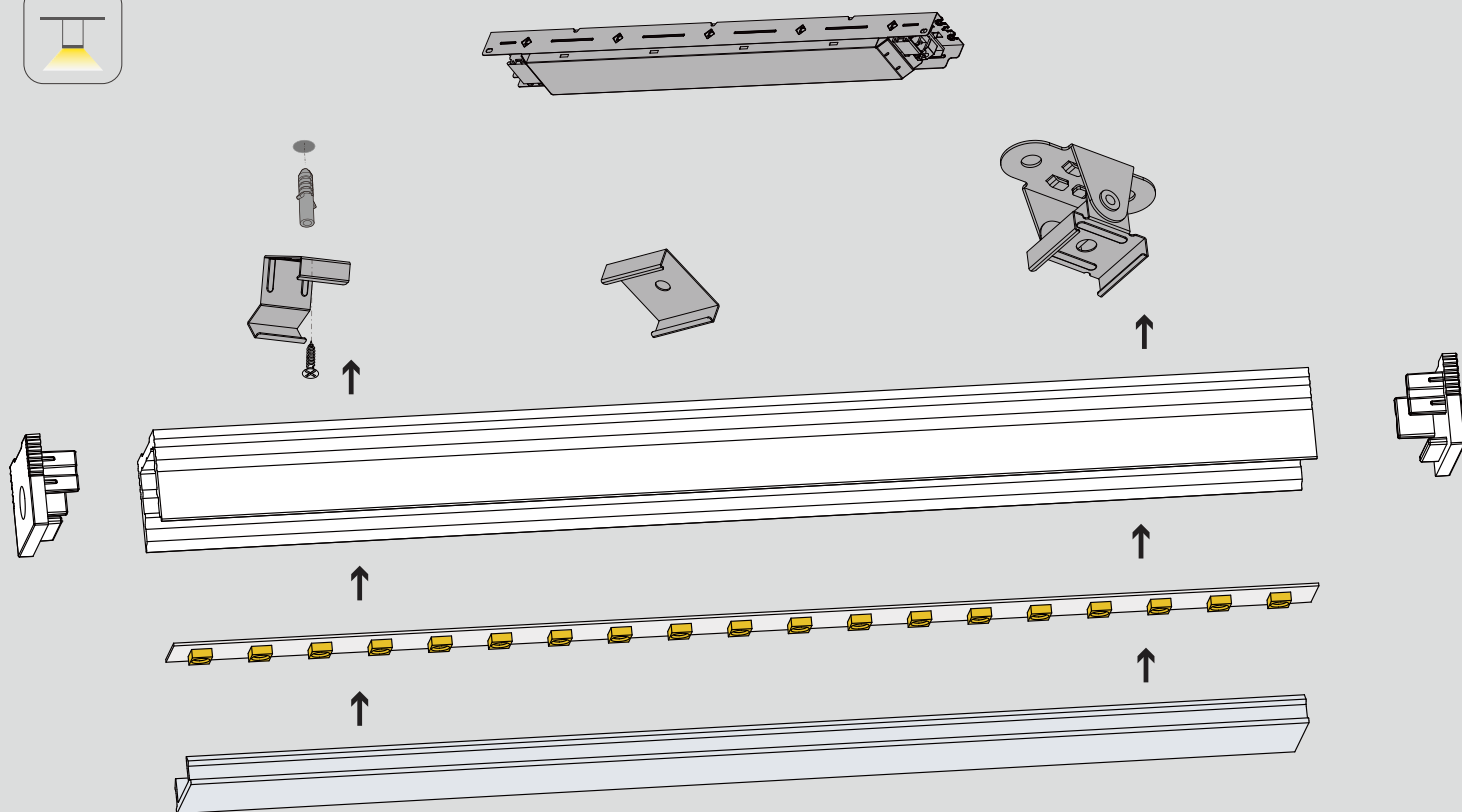
Others *

- ⑨ End cap with hole
(not supplied with S0709)

* Optional parts

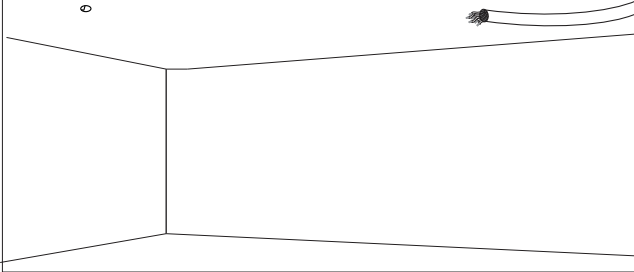
Installation

Surface mounted



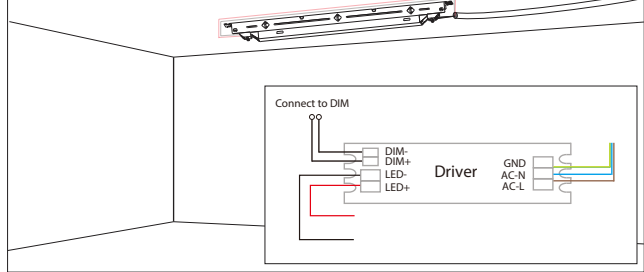
1 Wiring at the installation location (mains supply)

⚠ Do not touch with wet hand or there is risk of electric shock



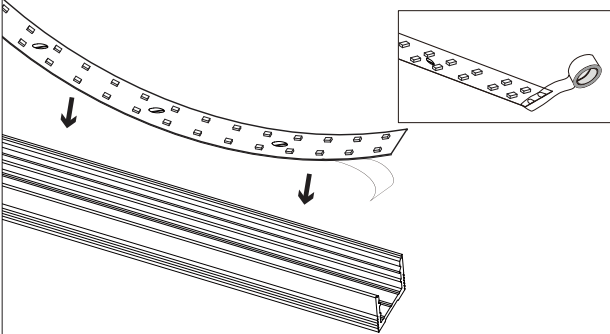
2 Install the power supply at a proper location

⚠ Do not place the power supply in water or remove it without permission

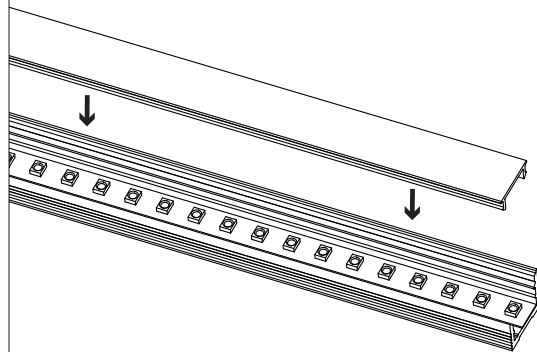


3 Place insulation on both ends of the strip and place the strip on the profile

⚠ Strips with exposed copper foil on the back shall be insulated

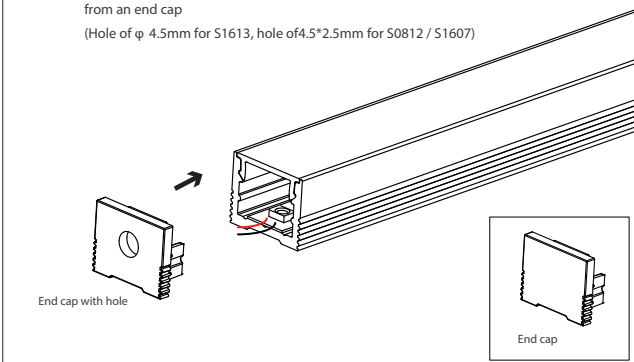


4 Mount the diffuser on the profile



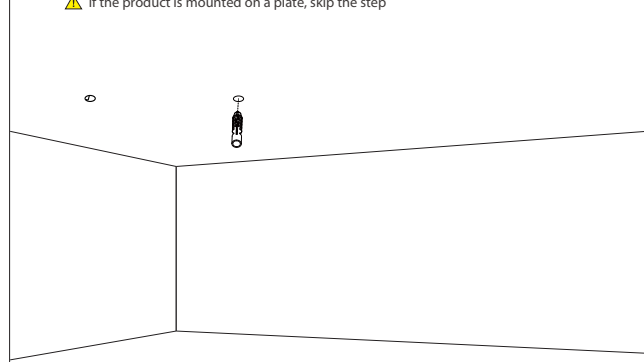
5 Mount the end caps (with and without hole)

⚠ For an end cap without hole, wire goes out from the profile bottom, while it goes out from an end cap
(Hole of ϕ 4.5mm for S1613, hole of 4.5*2.5mm for S0812 / S1607)



6 Make an hole of ϕ 5mm at the mounting position and seal it with a rubber plug

⚠ If the product is mounted on a plate, skip the step



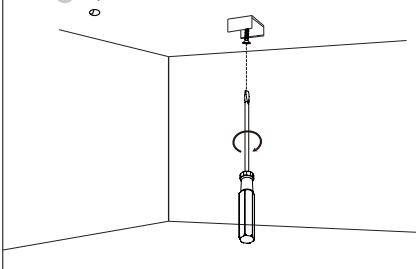
7 Fix the clip on the rubber plug or plate with screws (select the correct installation methods depending on the clips you use)

⚠ Only installation method 1 is applicable to S0812 / S0709

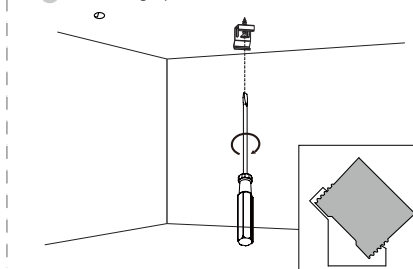
⚠ The number of clips to be used depends on the profile length (L):

-When $L \leq 1.2m$, 2pcs of clips are recommended
-When $1.2m < L \leq 2.5m$, 4pcs of clips are recommended

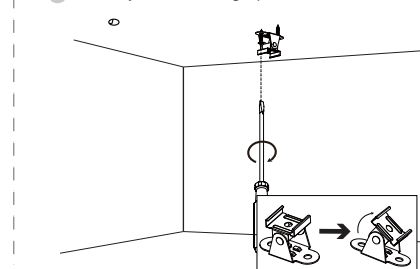
1 Clip

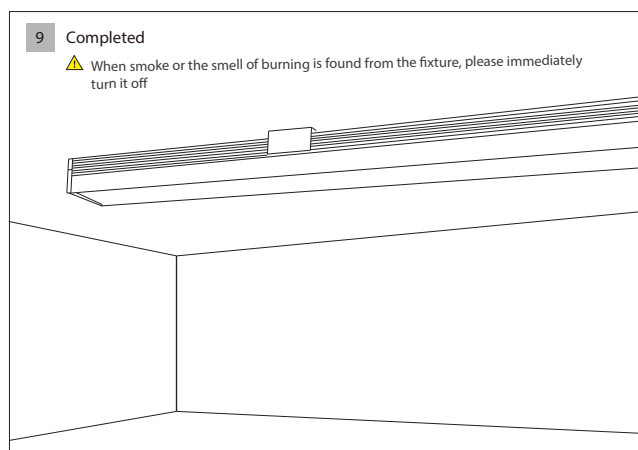
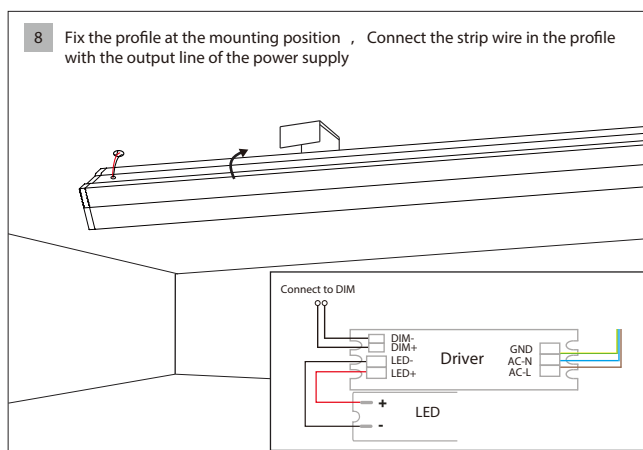


2 45° Mounting clip



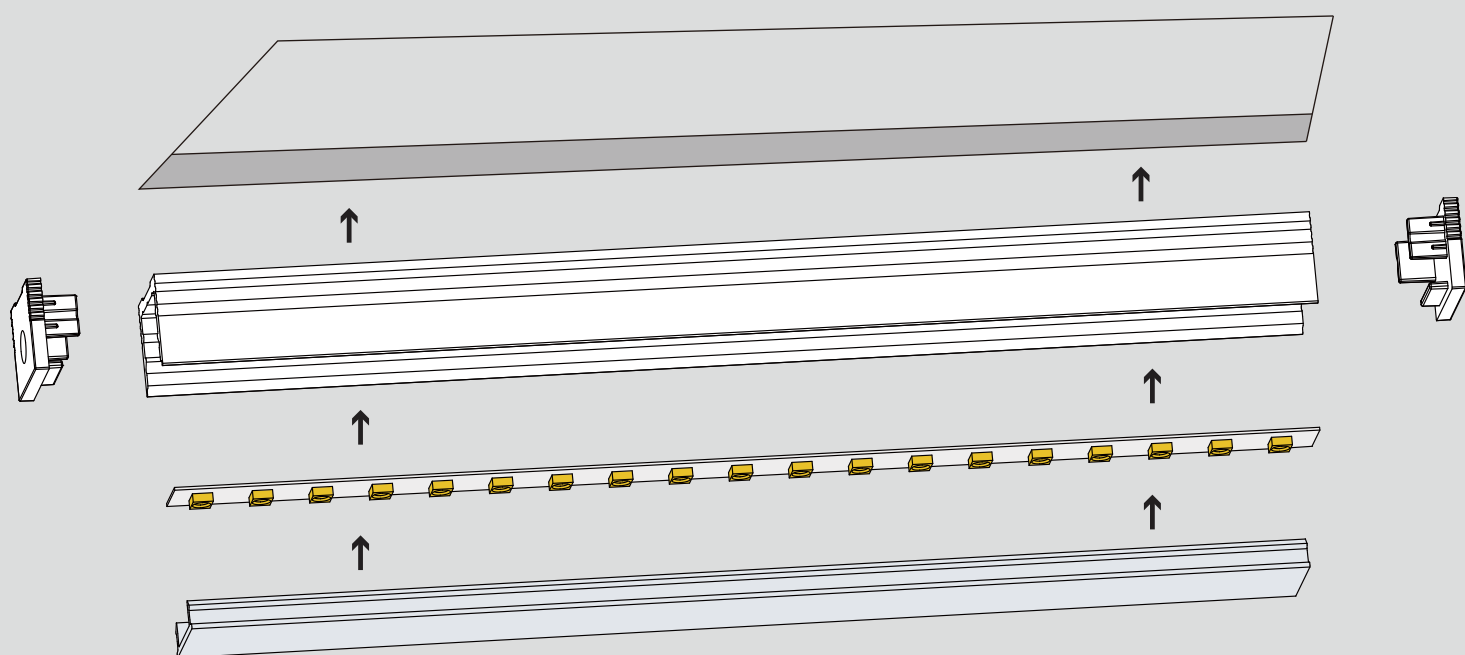
3 0-180° adjustable mounting clip

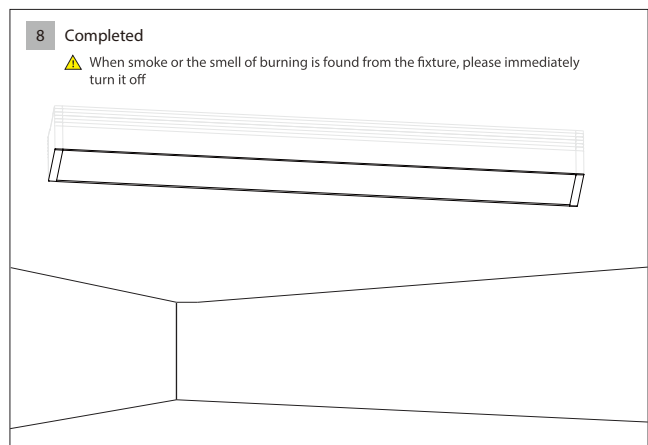
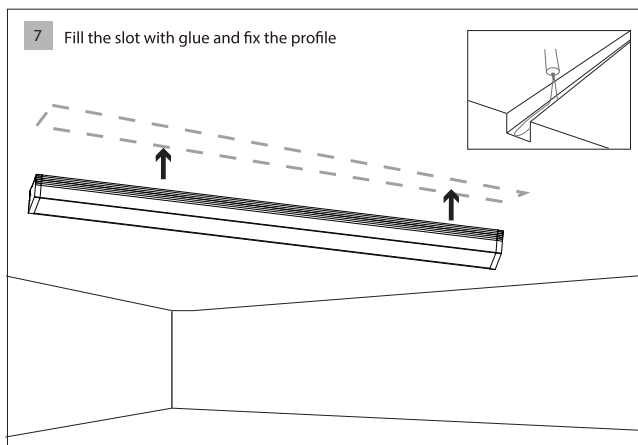
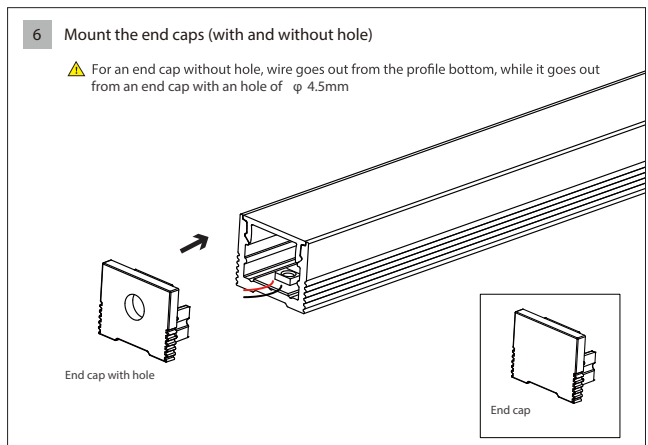
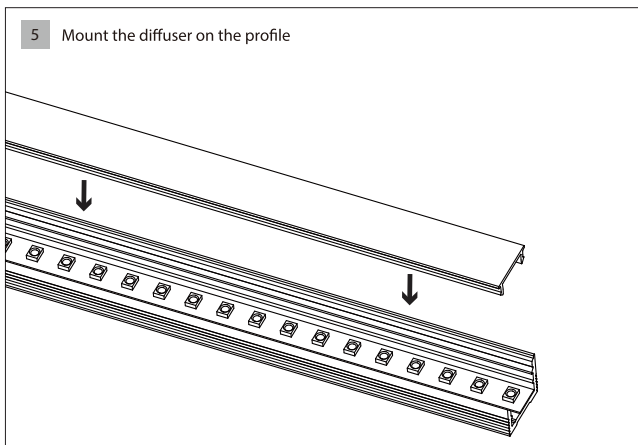
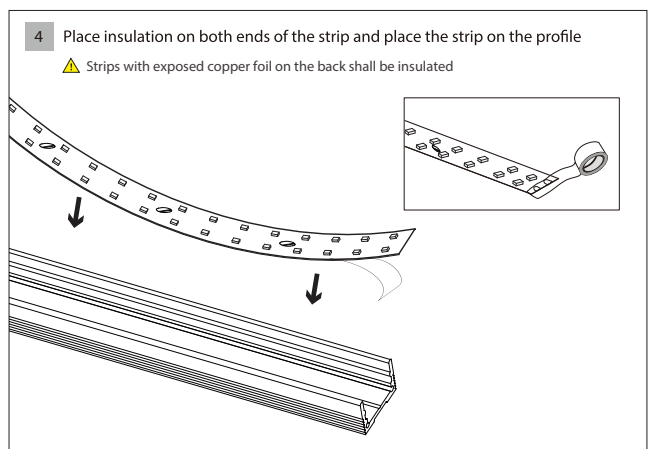
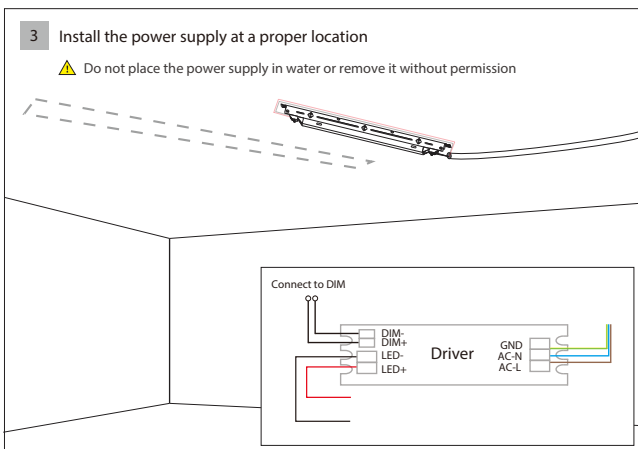
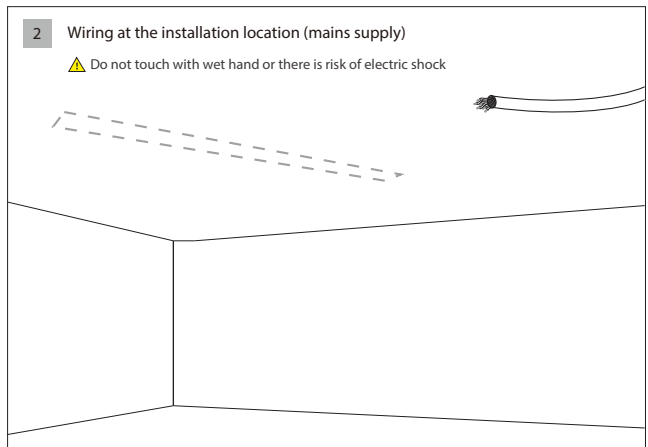
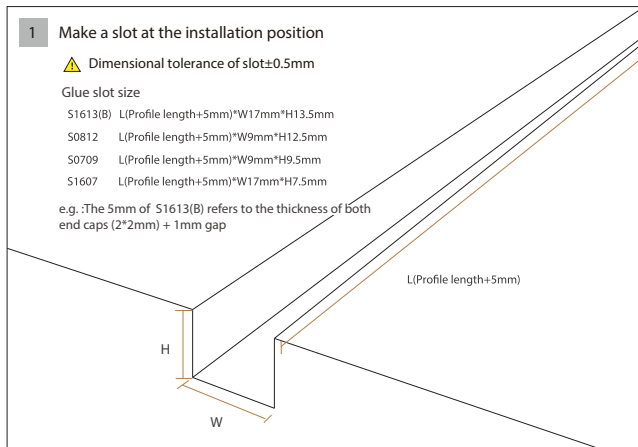




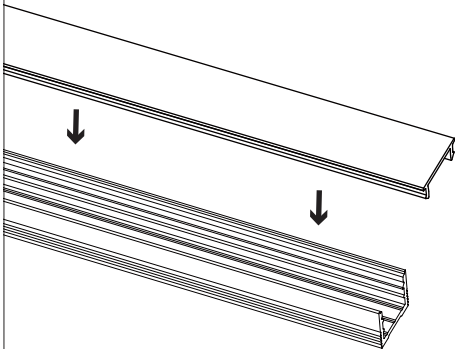
Installation

Recessed





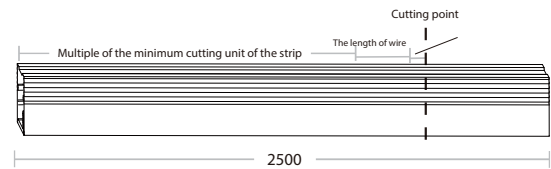
1 Mount the diffuser on the profile



2 Mark the length to the cut off (profile loss will occur during cutting by about the thickness of the blade), and please make reservations of profile length

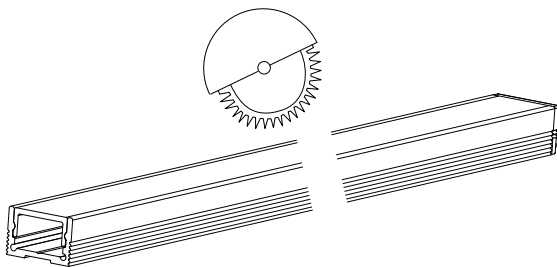
⚠ When the wire goes out from the profile bottom and end cap, the length to be cut off is a multiple of the minimum cutting unit of the strip + wire length going out (For S1613(B)\S1607 8mm wire will be led out, and 10mm for S0812, and 15mm for S0709)

⚠ For S0709 the single-end diffuser is shorter than the profile by 3mm

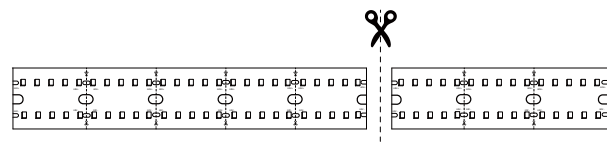


3 Profile cutting by a cutting machine

- ⚠ It is recommended to set the speed at 1,000 – 1,200rpm. Too high a speed may cause damage to the diffuser
- ⚠ A light source is not slowed to be placed on the profile during cutting
- ⚠ Please make sure the product is firmly fixed during cutting. The break shall be ground smooth to remove burr after cutting, and metal chips shall be completely removed from inside the track

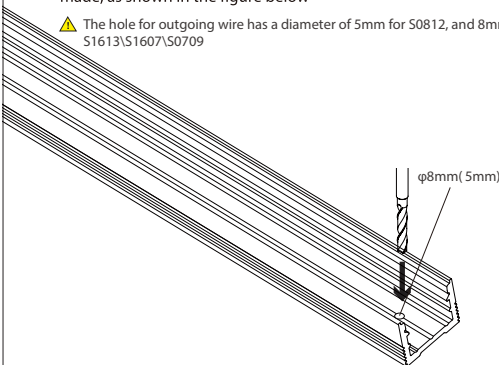


4 Cut the strip to match the profile and weld the red and black wire on one end of the strip



5 When the wire goes out from the end cap, it is unnecessary to make an hole in the profile. When it goes out from the profile bottom, an hole is to be made, as shown in the figure below

⚠ The hole for outgoing wire has a diameter of 5mm for S0812, and 8mm for S1613\S1607\S0709







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