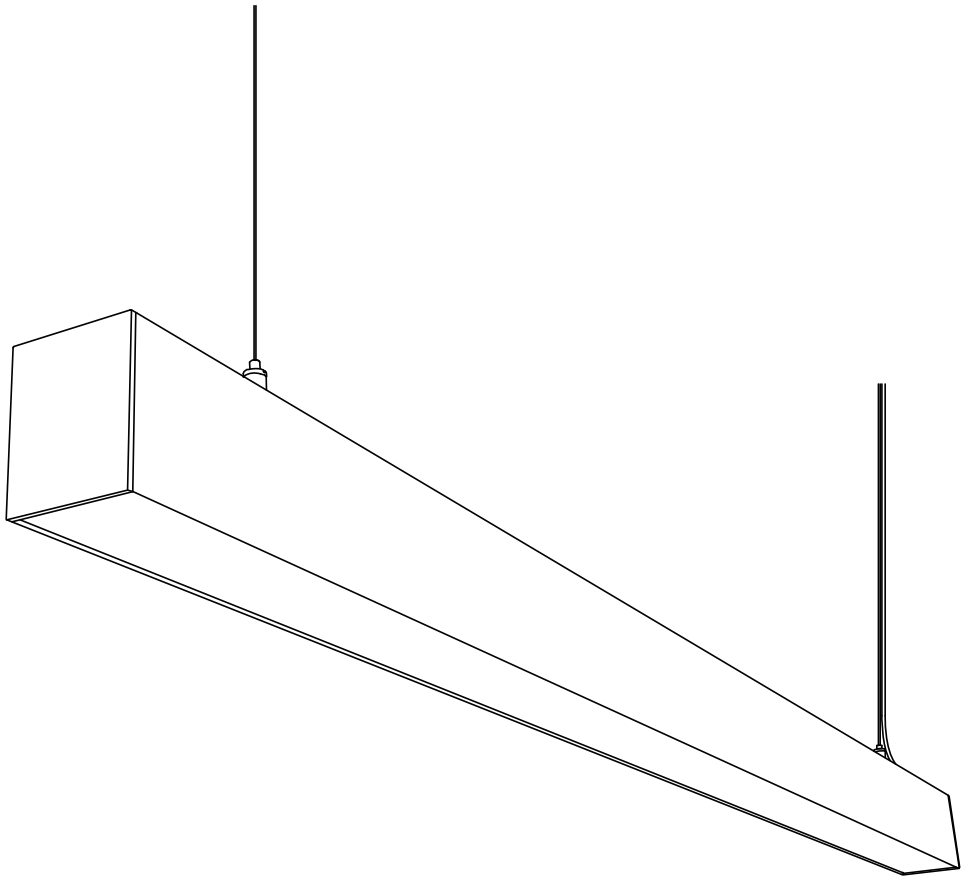
V1.0

COLORS®
Linear Lighting

LLS-L

USER MANUAL

Suitable for:
BS/BH 3360 5470 7977
BE 5535 6935 9435



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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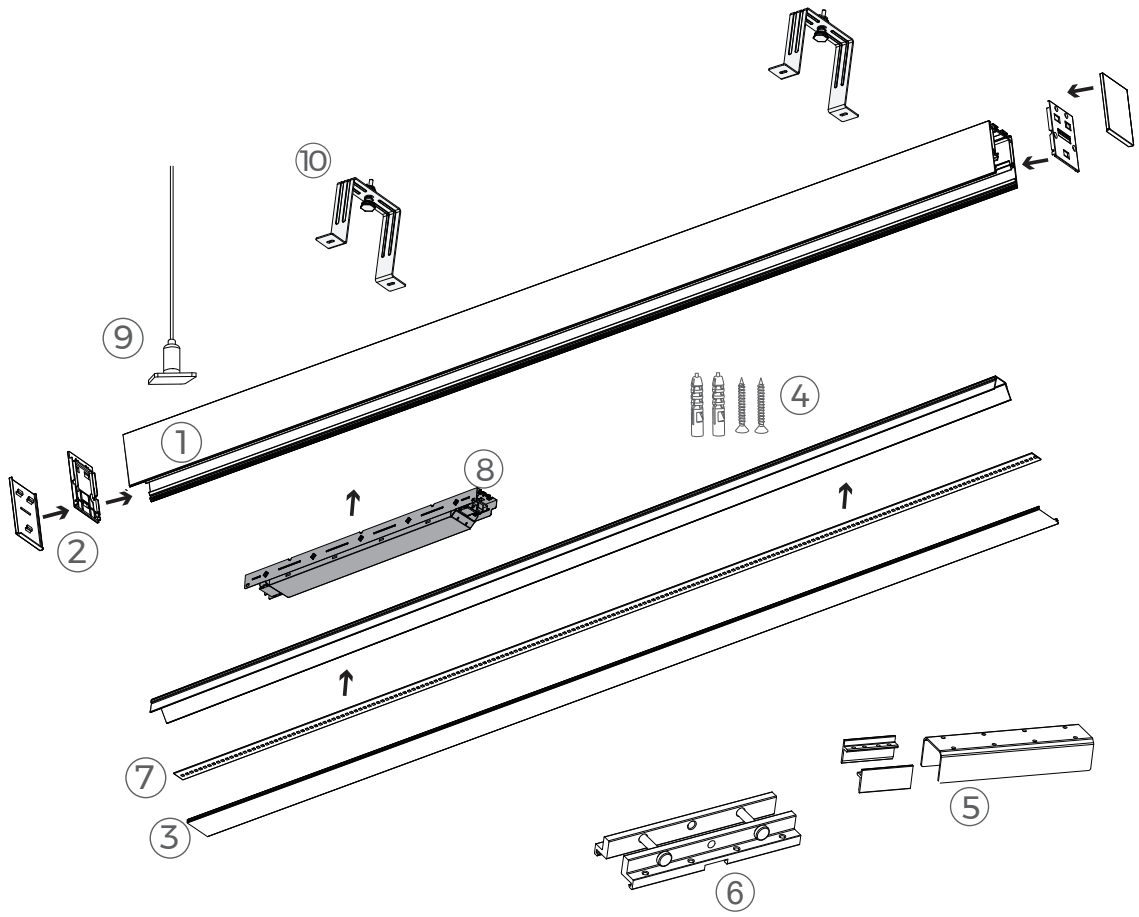
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03 **Precautions**

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Essentials

① Profile x1

② End caps×2

③ Flexible Diffuser×1

④ Carrier clipx4

Connectors *

⑤ Internal direct splicing pieces

⑥ External splicing parts of the whole lamp

Light source and power supply *

⑦ Flexible strip / rigid modular

⑧ Power supply

Installation accessories *

⑨ Pendant accessories with junction

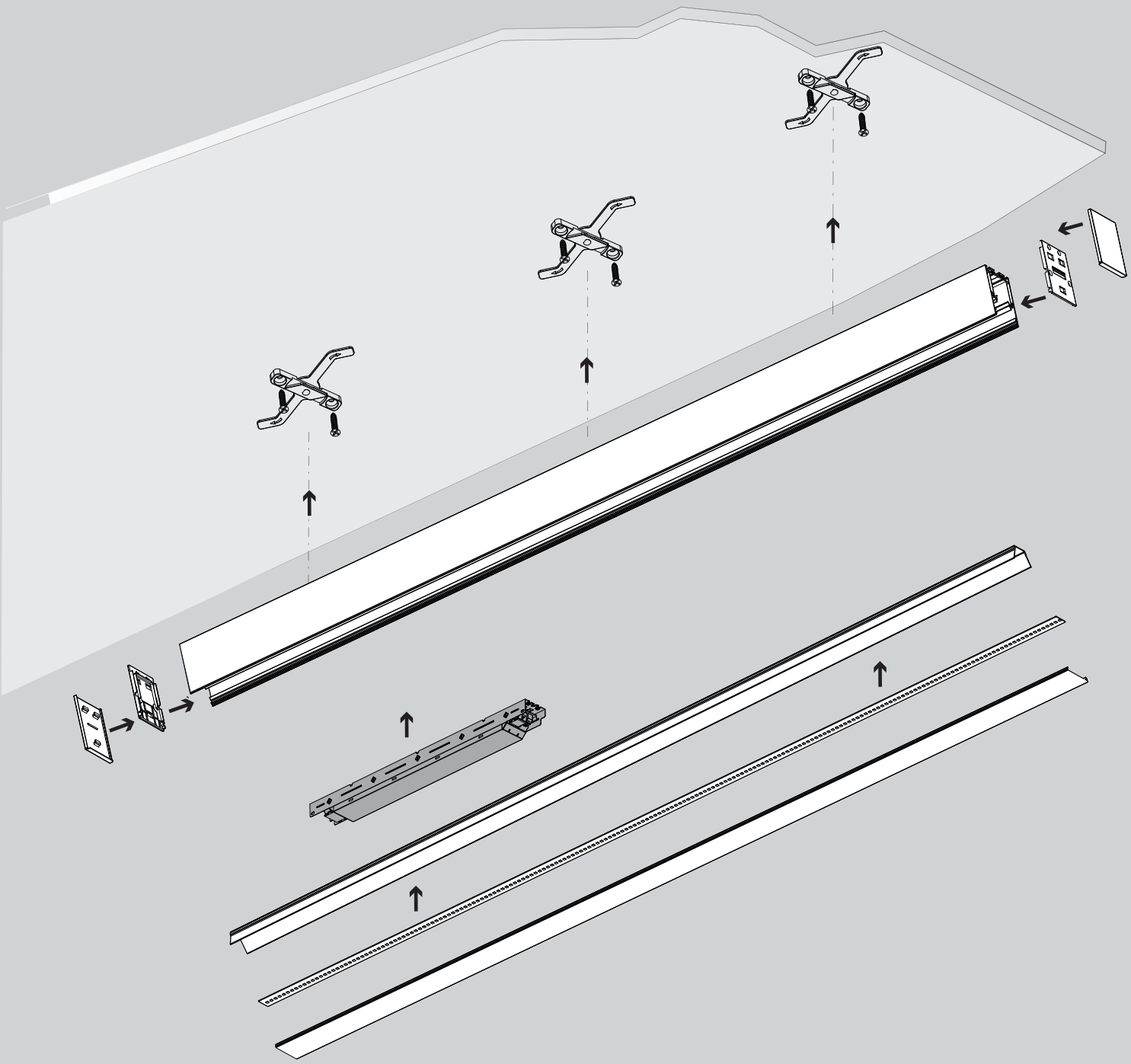
⑩ box / pedant accessories
Recessed accessories without trim

* Optional accessories

Installation

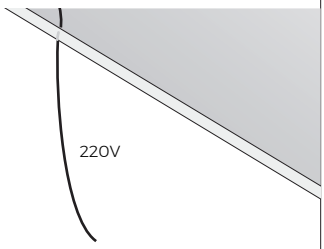
Surface-mounted 2.5 m

Suitable for: BS 3360 5470 7977

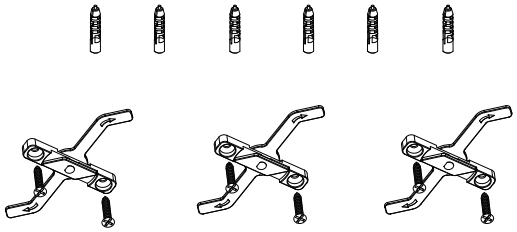


1 Make the 220V wire go through the ceiling

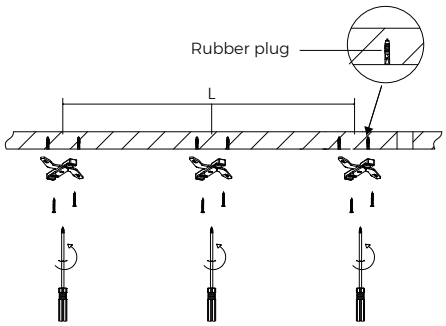
⚠ Do not touch with wet hands or there is a risk of electric shock



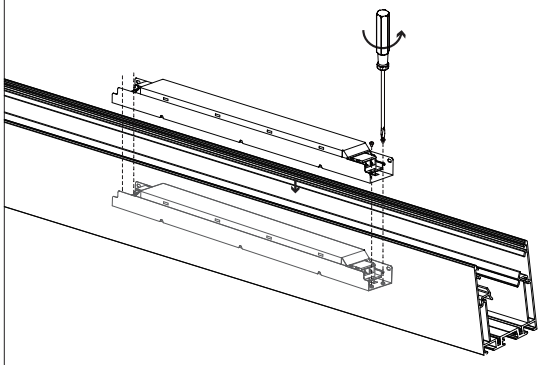
2 Prepare all the installation accessories



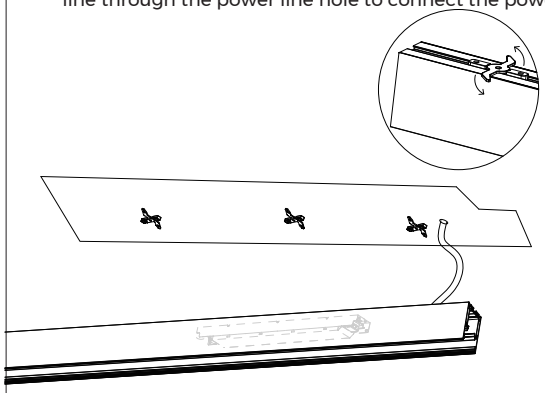
3 Measure the distance (L) between the clips, lock the rotating clip, and open the power line hole of the ceiling



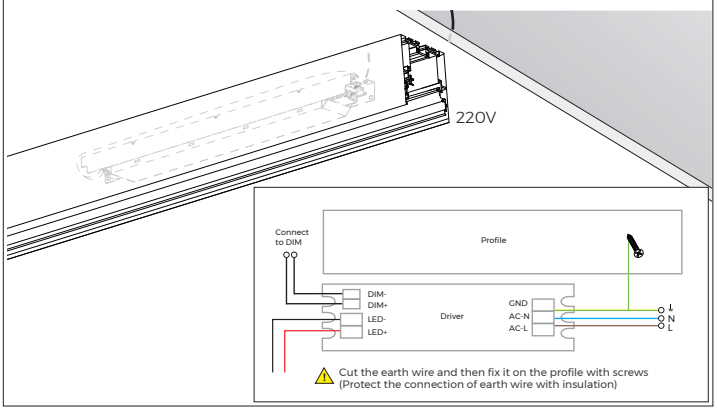
4 Mount the power supply on the profile



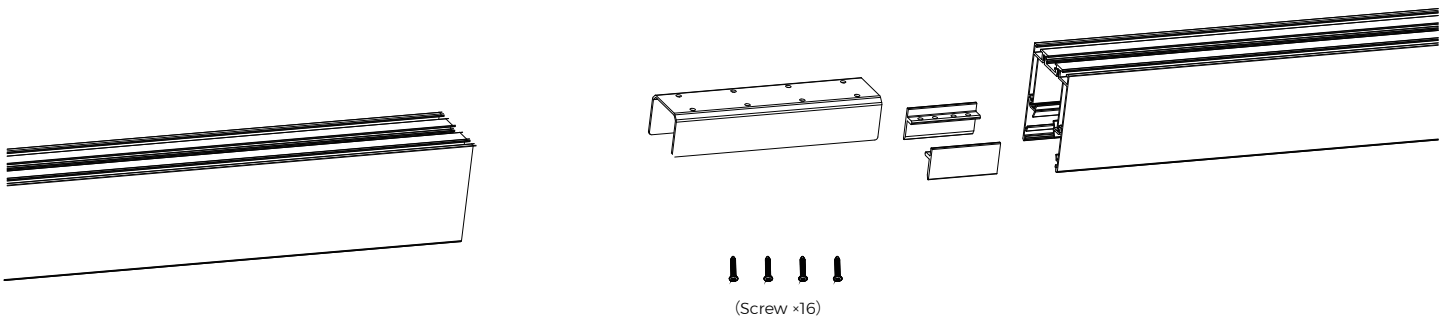
5 Align the clip position, and pass the power line through the power line hole to connect the power line



6 Make the wire go through from the holes of profile, and then fix profile on the ceiling with screws, and connect the wire to the power supply

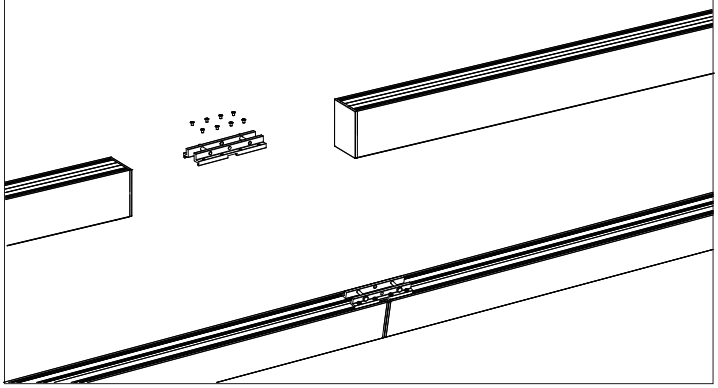


7 For extra long applications, use internal direct splicing pieces to splice profiles

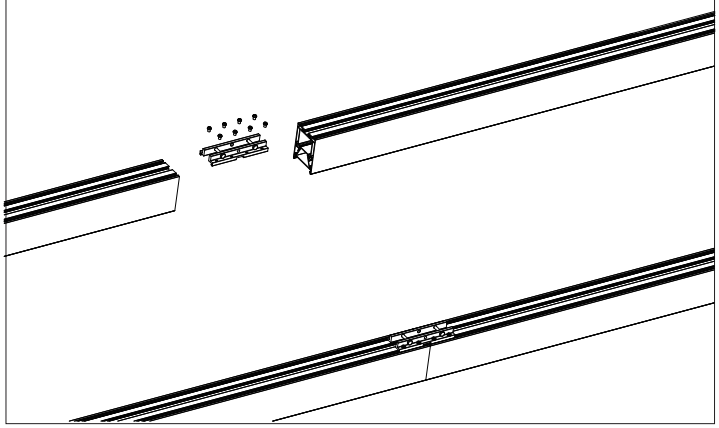


(Screw ×16)

7 B1: If extra long application is required, use the whole lamp external splice to splice the profile（cap end splicing）



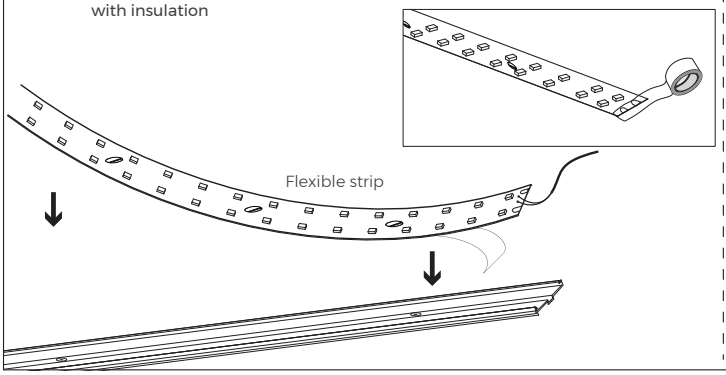
7 B2: If extra long application is required, use the whole lamp external splice to splice the profile（Without cap end splicing）



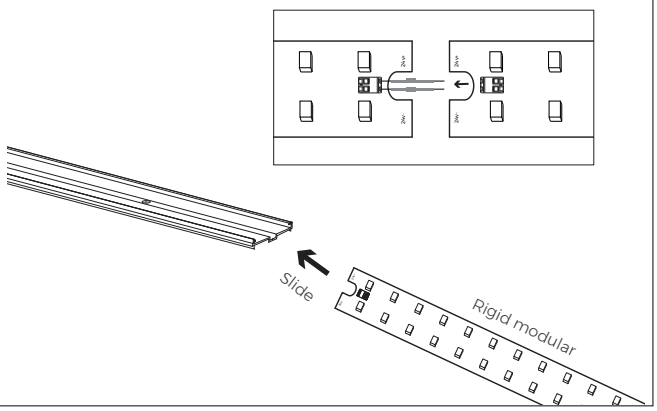
8 A：Place insulation on both ends of the flexible strip and attach it to the carrier

⚠ Do not put the strip into water or make the strip exposed to water

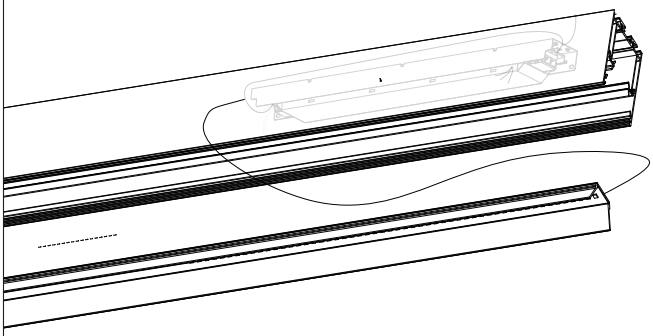
⚠ Only the strip with copper foil on the back is needed to be protected with insulation

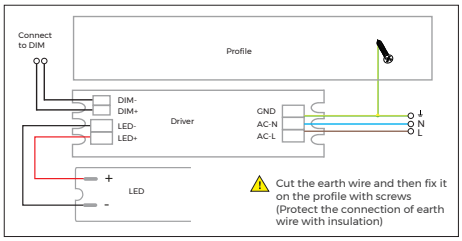


B：Connect the rigid modular to pins correctly (do not confuse the anode with cathode), and then slide the rigid modular into the carrier

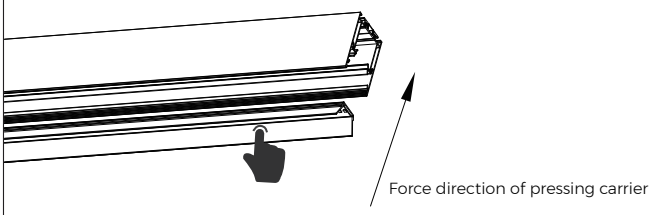


9 Connect the wire to the power supply (do not confuse the anode with the cathode)



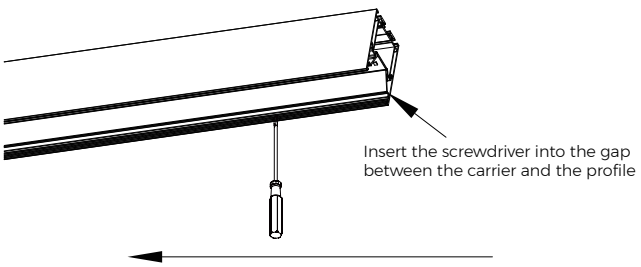


10 A: Mount the carrier with strip on the profile



Press one end of the carrier by hand and press it into the profile orderly towards the other end

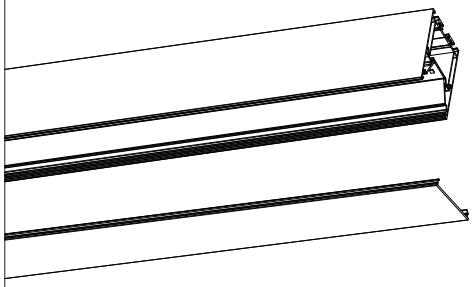
B: If removed, remove the installed carrier assembly from the profile



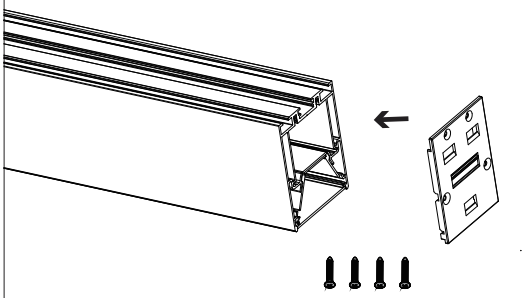
On one side of the carrier, pry it in order according to the direction

11 Install the Flexible diffuser on profile, and cut according to the actual length

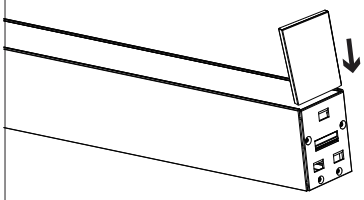
(Align the diffuser with profile)



12 Install the end cap base at both ends of the profile and lock the screws

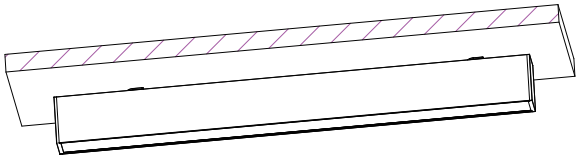


13 Install the end caps



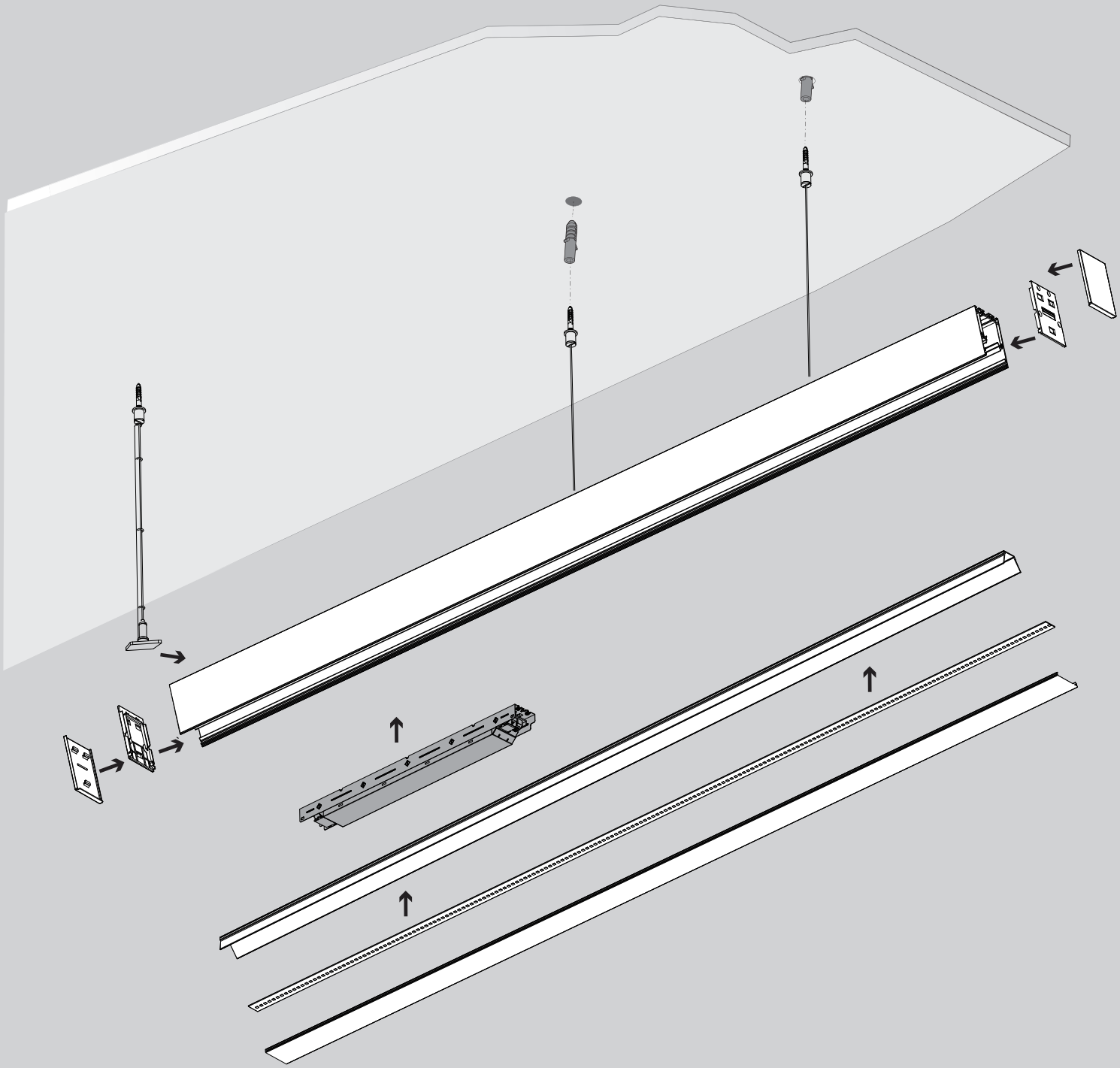
Align the card slot and insert it downward

14 Install the light leak-proof baffle



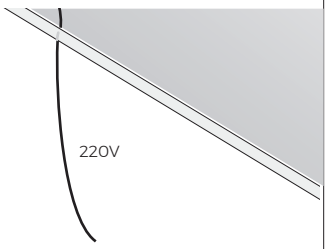
Pendant 2.5 m

Suitable for: BS/BH 3360 5470 7977

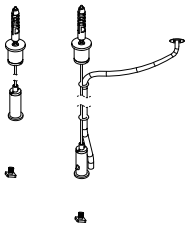


1 Make the 220V wire go through the ceiling

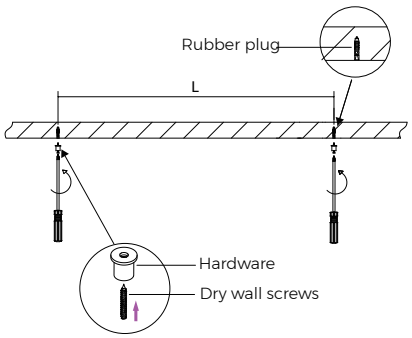
⚠ Do not touch with wet hands or there is a risk of electric shock



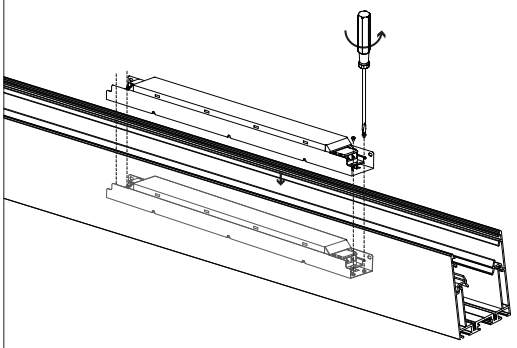
2 Prepare all the installation accessories



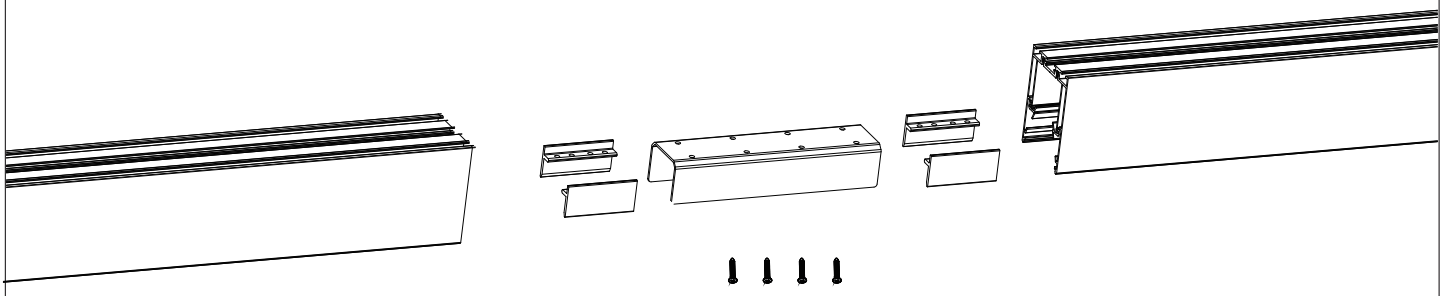
3 Fasten the hardware with dry wall screws



4 Mount the power supply on the profile

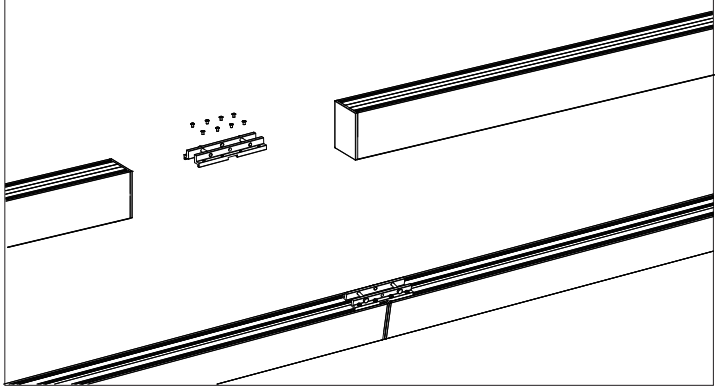


5 A: For extra long applications, use internal direct splicing pieces to splice profiles

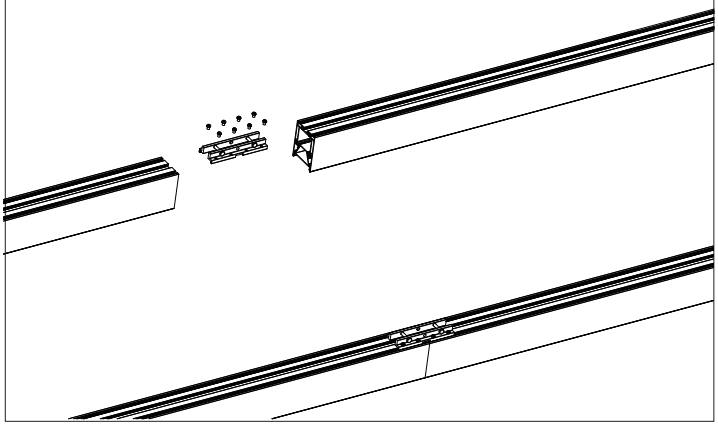


(Screw ×16)

5 B1: If extra long application is required, use the whole lamp external splice to splice the profile（cap end splicing）



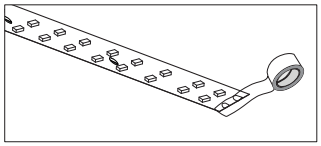
5 B2: If extra long application is required, use the whole lamp external splice to splice the profile（Without cap end splicing）

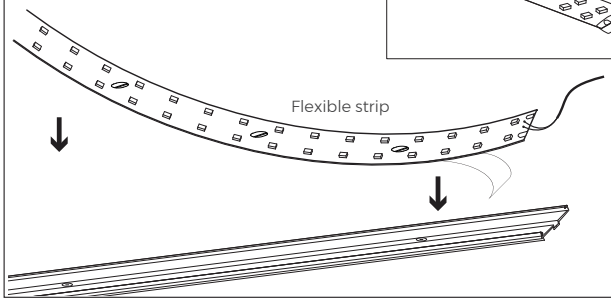


6 A: Place insulation on both ends of the flexible strip and attach it to the carrier

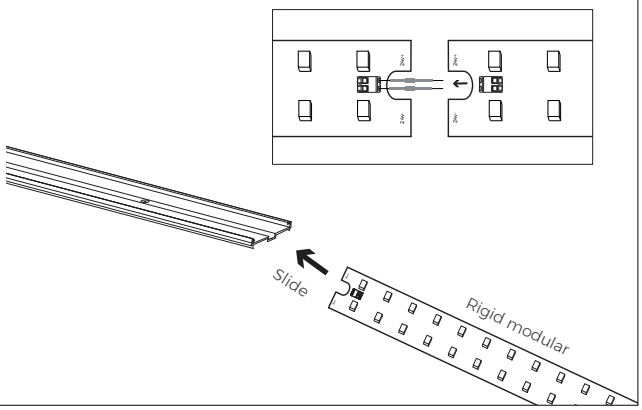
⚠ Do not put the strip into water or make the strip exposed to water

⚠ Only the strip with copper foil on the back is needed to be protected with insulation

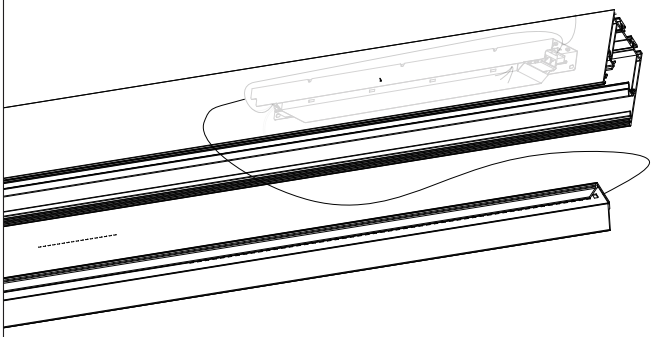


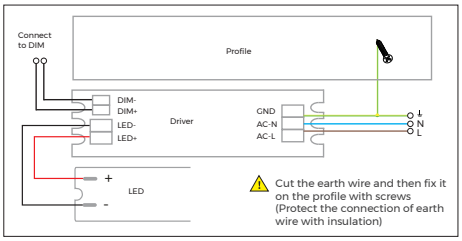


B: Connect the rigid modular to pins correctly (do not confuse the anode with cathode), and then slide the rigid modular into the carrier

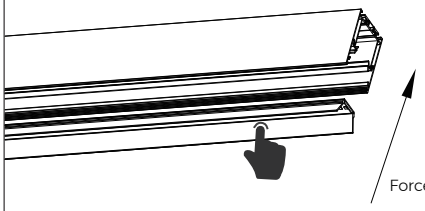


7 Connect the wire to the power supply (do not confuse the anode with the cathode)





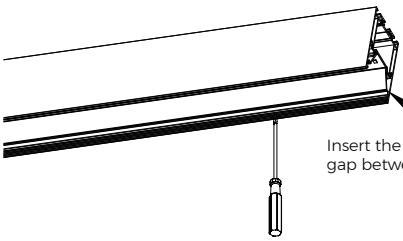
8 A: Mount the carrier with strip on the profile



Force direction of pressing carrier

Press one end of the carrier by hand and press it into the profile orderly towards the other end

B: If removed, remove the installed carrier assembly from the profile

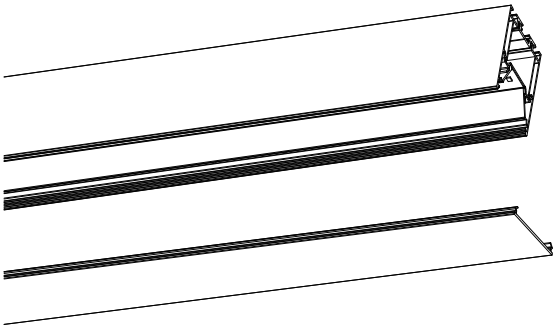


Insert the screwdriver into the gap between the carrier and the profile

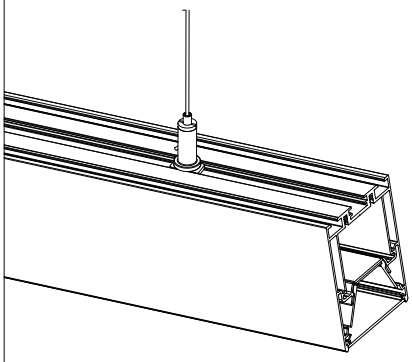
On one side of the carrier, pry it in order according to the direction

9 Install the Flexible diffuser on profile, and cut according to the actual length

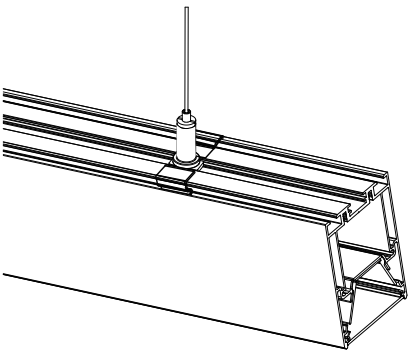
(Align the diffuser with profile)

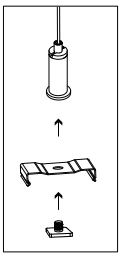


10 A: Slide the rectangular screw into the profile, adjust it to the corresponding position, and tighten the thread locking device

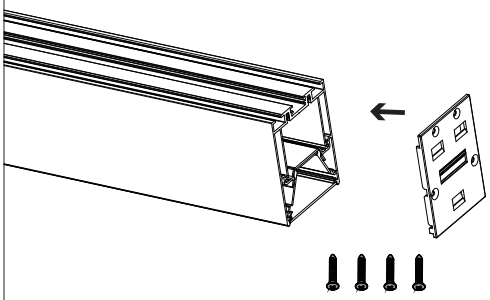


B: I F BHseries，lighting upward and downward，Tighten and fix the thread lock on the clip, and then fix the clip on the profile

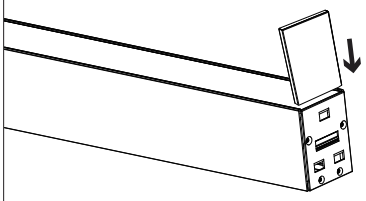




11 Install the end cap base at both ends of the profile and lock the screws



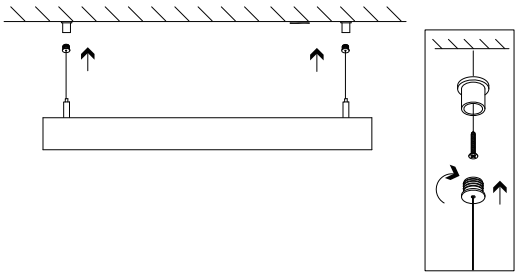
12 Install the end caps



Align the card slot and insert it downward

13 Connect the suspension cable to the corresponding position of the ceiling

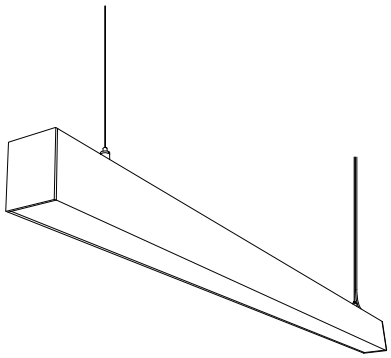
⚠ (Please make sure that the suspension cable is firmly installed)



14 Connect the power cord

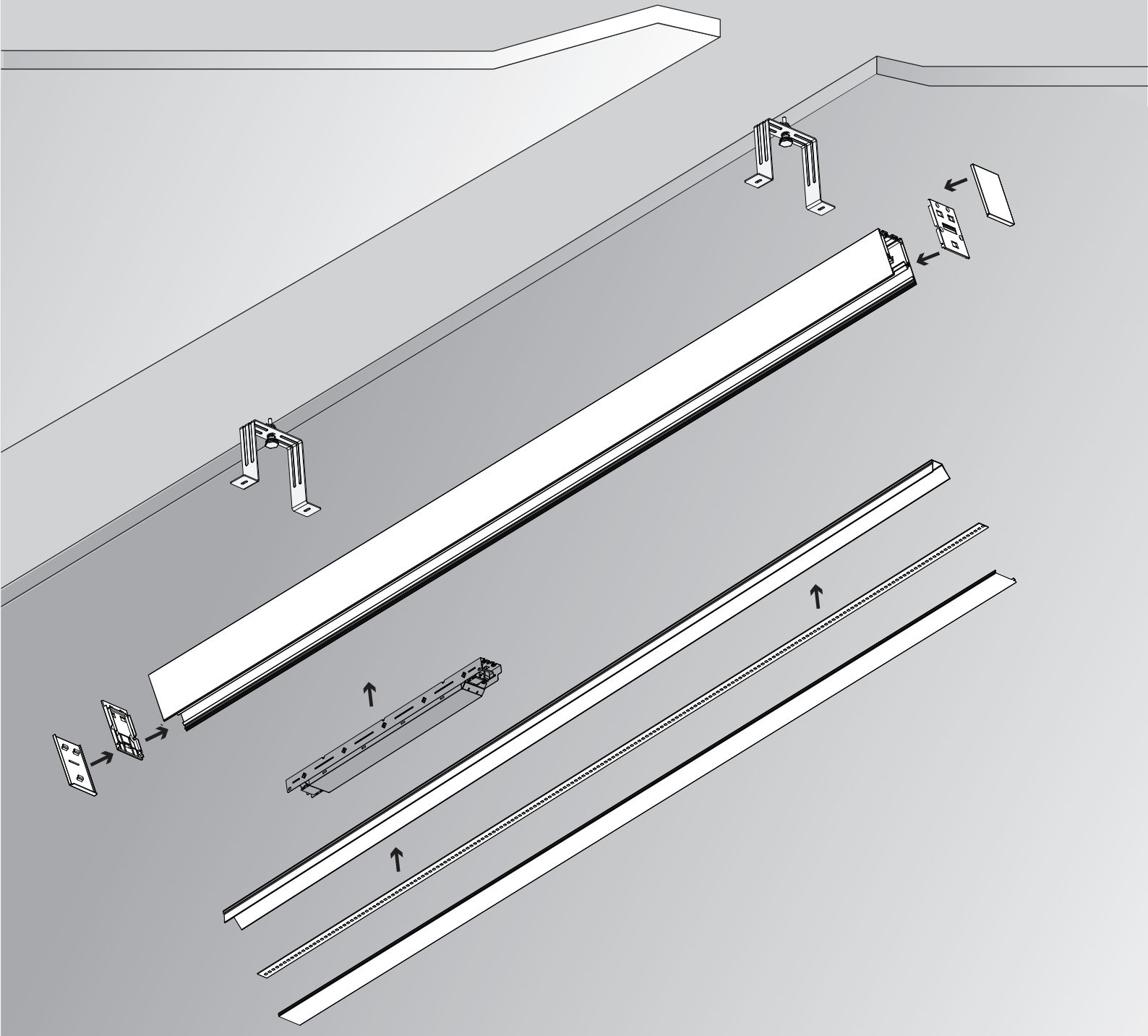


15 finished



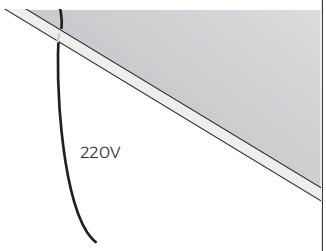
Recessed 2.5 m

Suitable for: BS 3360 5470 7977



1 Make the 220V wire go through the ceiling

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

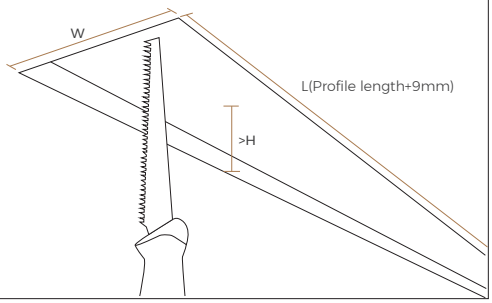


2 Make a slot the same size as the profile on the ceiling

⚠ Dimensional tolerance of slot ±0.5mm

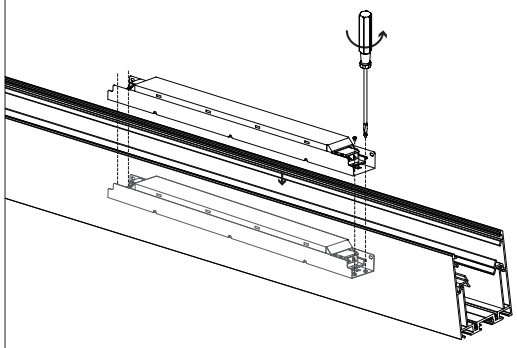
Slot size BS7977 L(Profile lengt+9mm)*W86mm*H115mm
BS5470 L(Profile lengt+9mm)*W61mm*H110mm
BS3360 L(Profile lengt+9mm)*W40mm*H100mm

e.g. : The 9mm of BS5470 refers to the thickness of both end caps (2*3.5mm) + 2mm gap

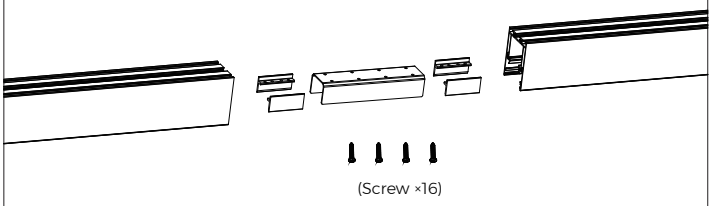


3 Mount the power supply on the profile

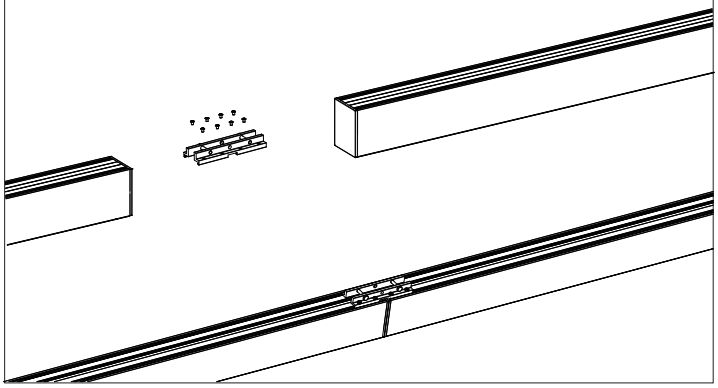
⚠ Please read carefully the installation of corners on P07 and P08 if you need to make connections
Do not put the power supply into water or disassemble it by yourself



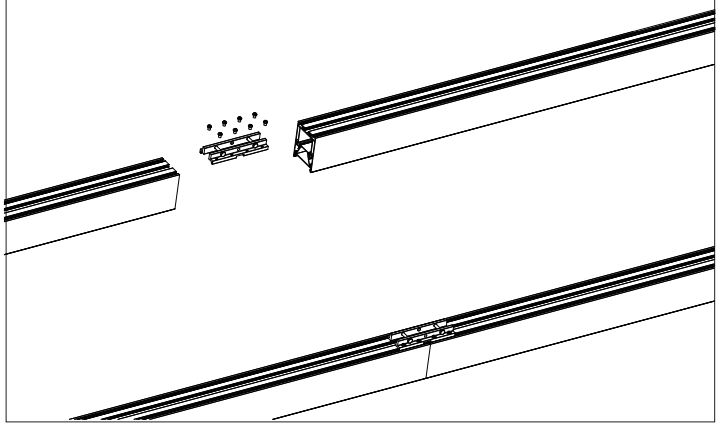
4 A: For extra long applications, use internal direct splicing pieces to splice profiles



4 B1: If extra long application is required, use the whole lamp external splice to splice the profile（cap end splicing）

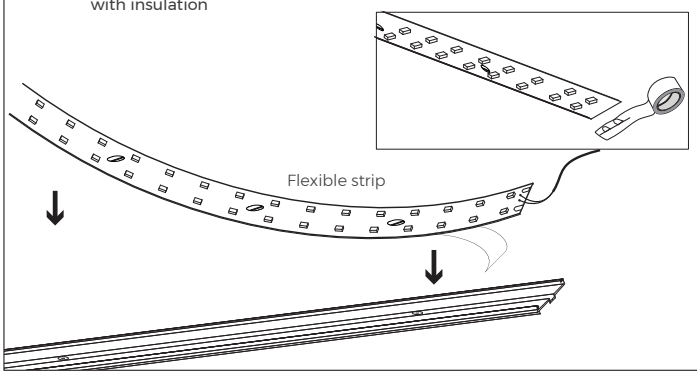


4 B2: If extra long application is required, use the whole lamp external splice to splice the profile（Without cap end splicing）

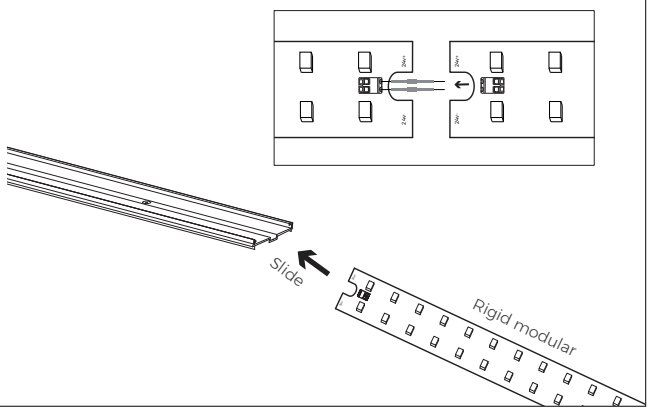


5 A：Place insulation on both ends of the flexible strip and attach it to the carrier

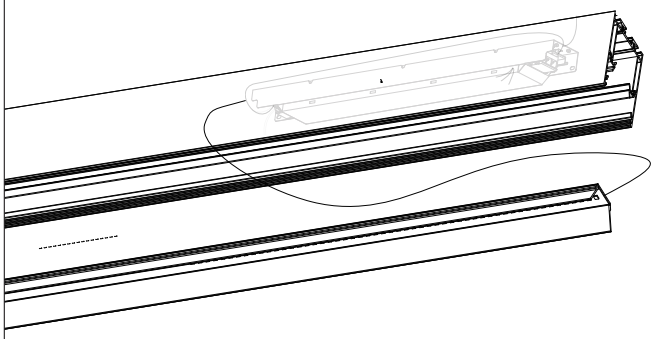
⚠ Do not put the strip into water or make the strip exposed to water
⚠ Only the strip with copper foil on the back is needed to be protected with insulation

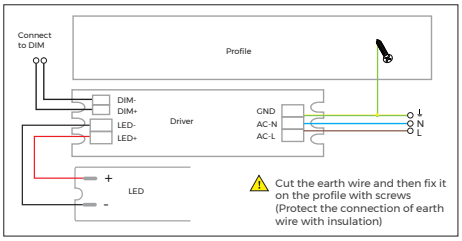


B：Connect the rigid modular to pins correctly (do not confuse the anode with cathode), and then slide the rigid modular into the carrier

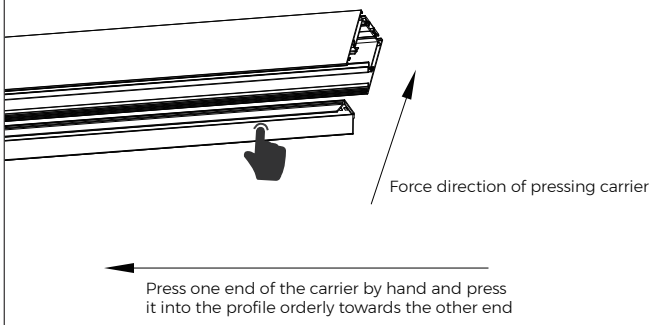


6 Connect the wire to the power supply (do not confuse the anode with the cathode)

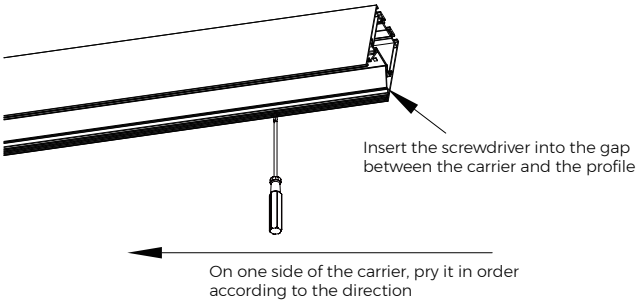




7 A: Mount the carrier with strip on the profile

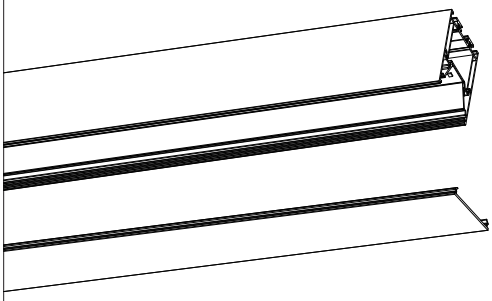


B: If removed, remove the installed carrier assembly from the profile

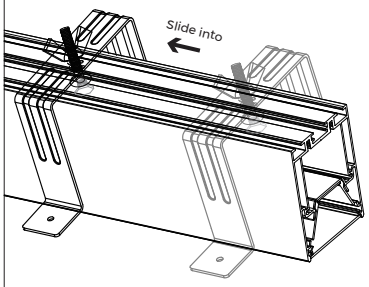


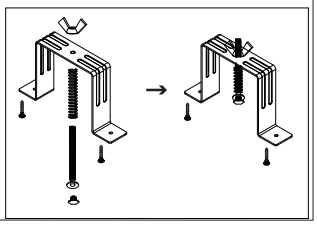
8 Install the Flexible diffuser on profile, and cut according to the actual length

(Align the diffuser with profile)

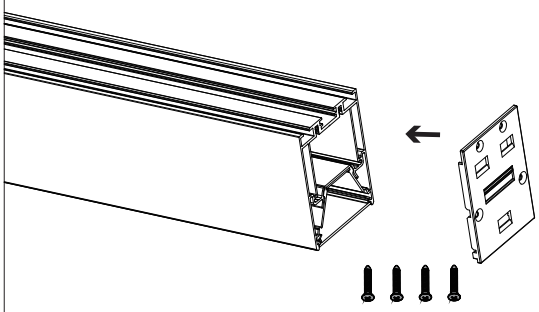


9 Slide the recessed accessories without trim into the profile and then fix it on the profile (adjust the height of recess)

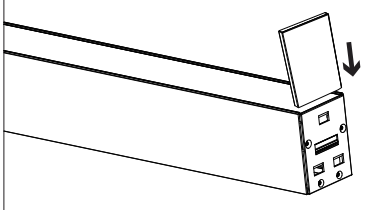




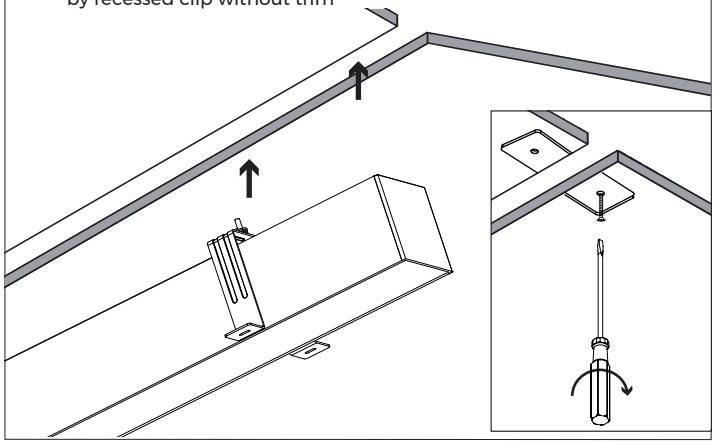
10 Install the end cap base at both ends of the profile and lock the screws



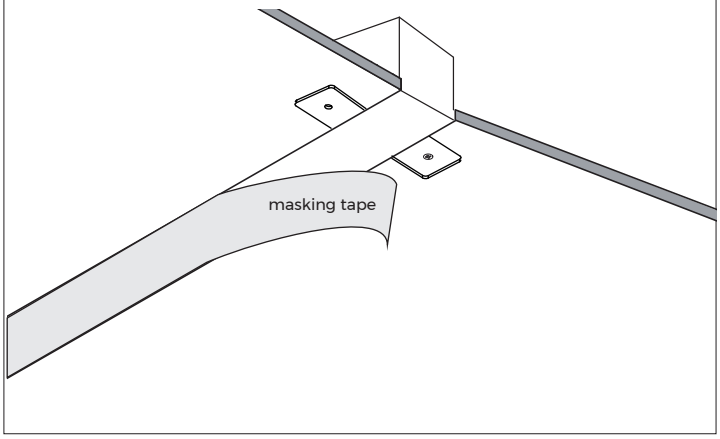
11 Install the end caps



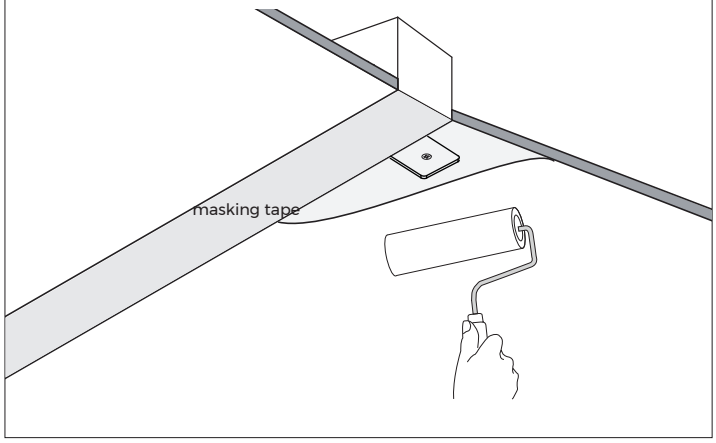
12 Install the profile in the slot of ceiling, and then fix it on the ceiling by recessed clip without trim



13 Cover the luminous surface with masking tape

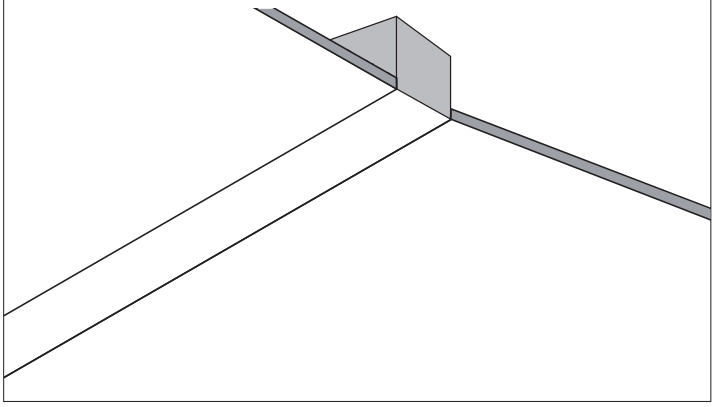


14 Plaster the ceiling to fill the gap



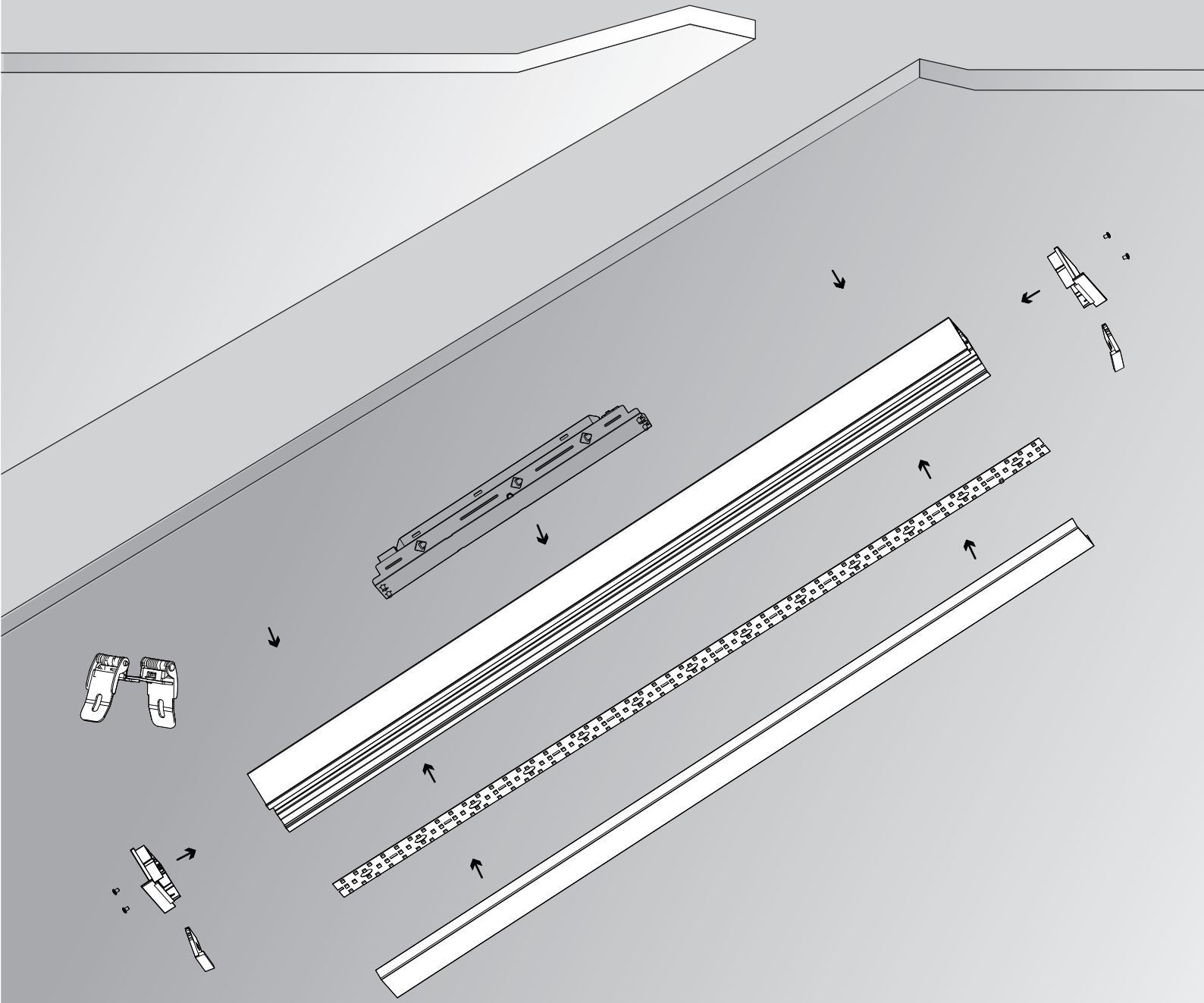
15 Tear off the masking tape and the installation is finished

⚠ Please stop using if there are abnormalities like smoke or burnt flavor occur from the fixtures



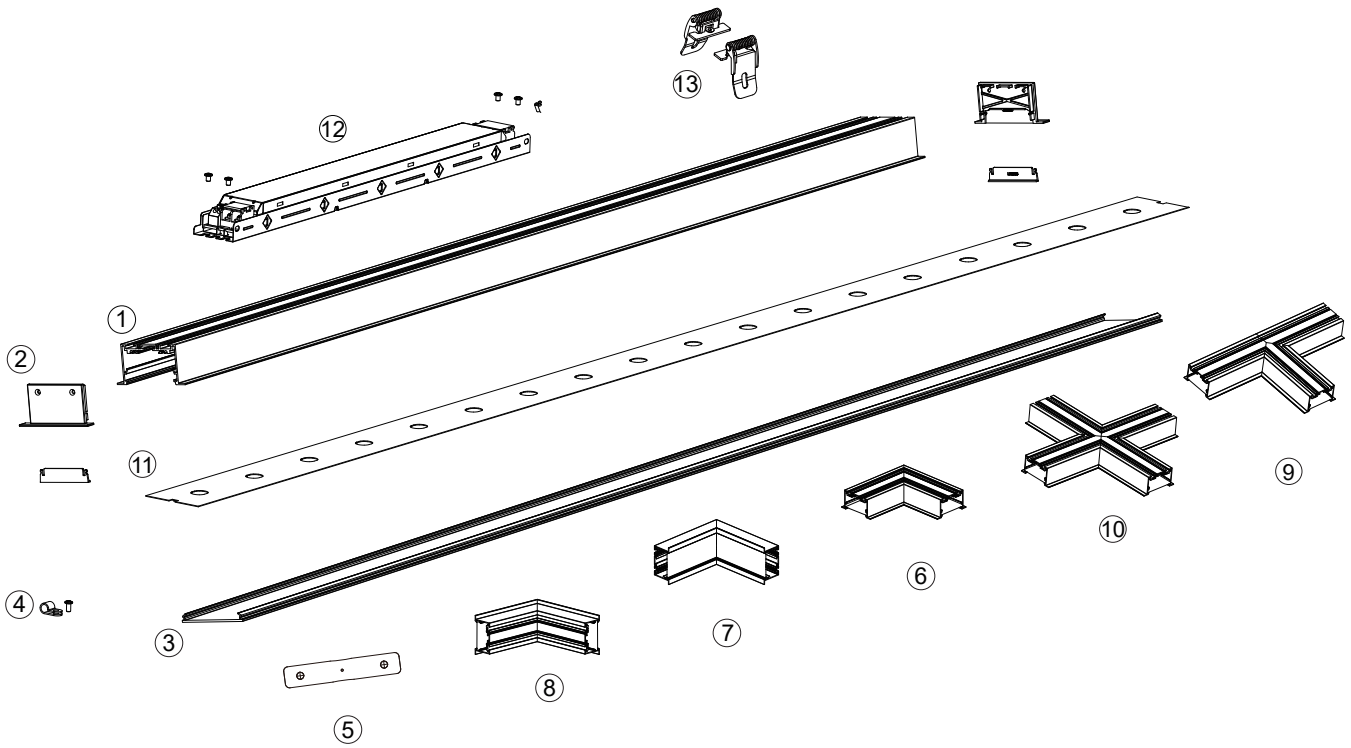
Edged recessed Recessed 2.5 m

Suitable for: BE5535 BE6935 BE9435





Butterfly clip



Essentials

① Profile x1

② End caps×2

③ Diffuser×1

④ Cable clamp×1

Connectors *

⑤ 180° extender

⑥ L-shaped corner

⑦ L-shaped corner(Inside)

⑧ L-shaped corner(outside)

⑨ T-shaped corner(Inside)

⑩ T-shaped corner(outside)

Light source and power supply *

⑪ Flexible strip / rigid modular

⑫ Power supply

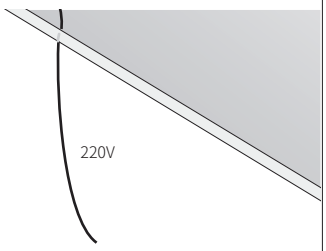
Installation accessories *

⑬ Butterfly clip

* Optional accessories

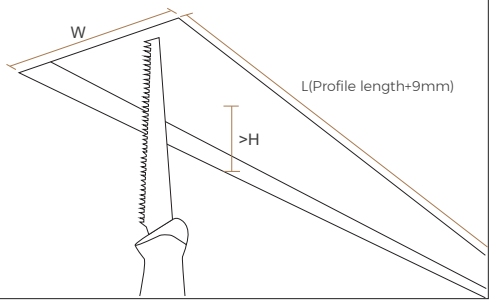
1 Make the 220V wire go through the ceiling

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

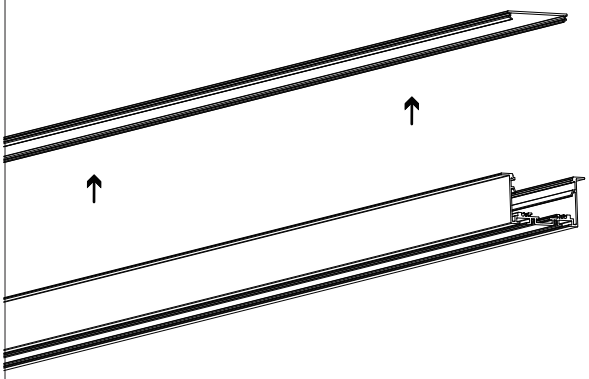


2 Make a slot the same size as the profile on the ceiling

⚠ Slot size BE5535 L2400mm*H45mm
BE6935 L2400mm*H59mm
BS3360 L2400mm*H84mm

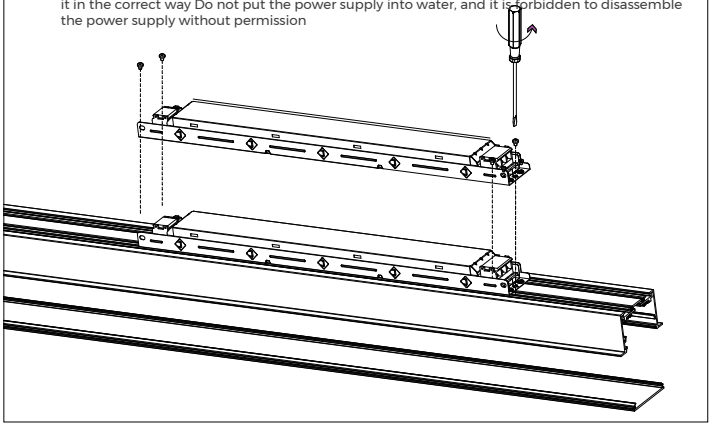


3 Remove the diffuser from the profile



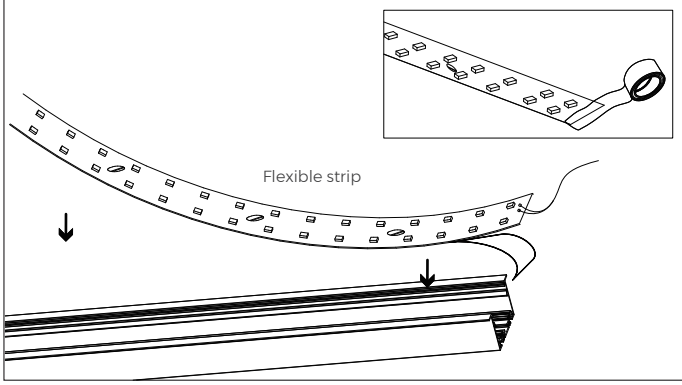
4 Mount the power supply on the profile

If you need splicing, please read the detailed steps of corner installation carefully and use it in the correct way Do not put the power supply into water, and it is forbidden to disassemble the power supply without permission

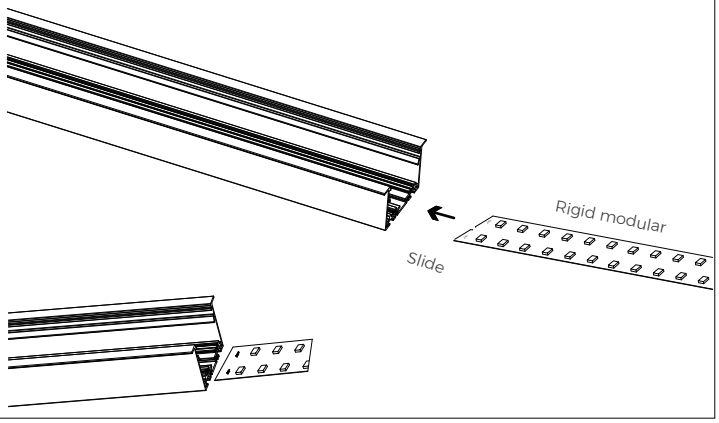


5 A: Mount the power supply on the profile

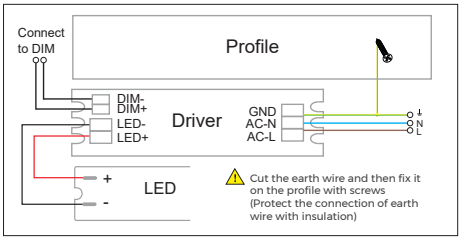
⚠ Please read carefully the installation of corners on P07 and P08 if you need to make connections
Do not put the power supply into water or disassemble it by yourself

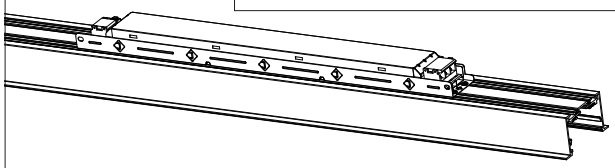


B: When ultra-long application, please use the extender accessory to interconnect profiles.



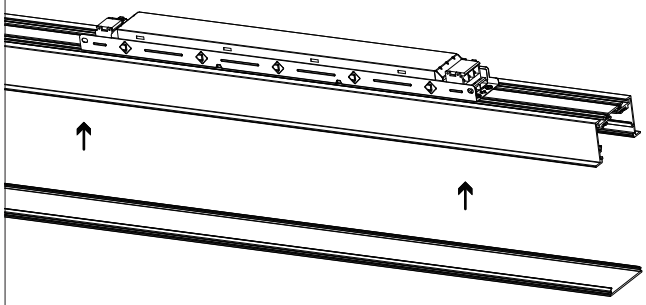
6 Connect the wire to the power supply (do not confuse the anode with the cathode)



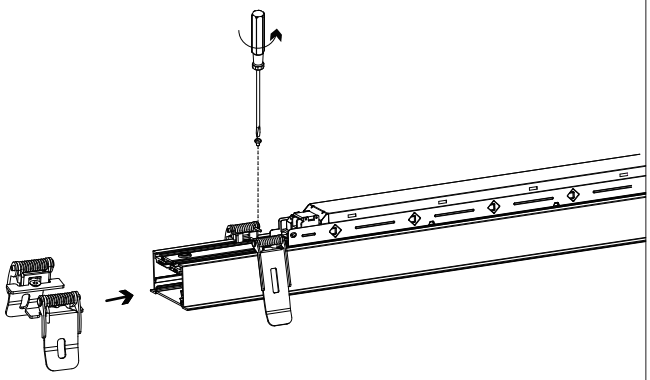


7 Nstall the diffuser on profile

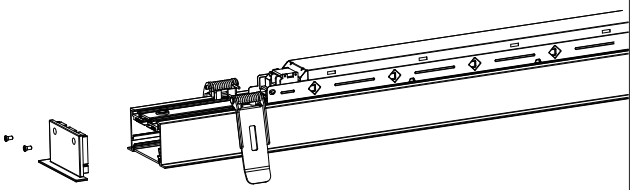
⚠ The mask needs to be flush with the profile and not protrude out of the profile



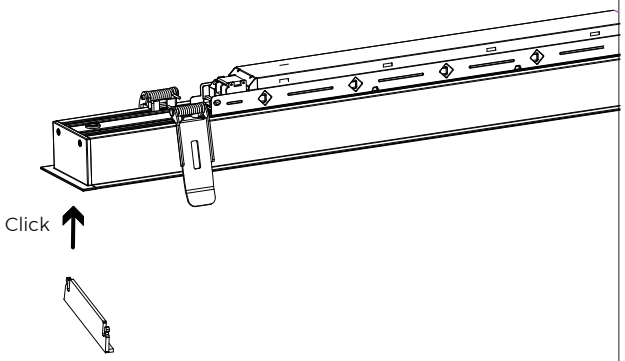
8 Slide the butterfly clip into the profile and fasten it to the profile



9 Install the end caps

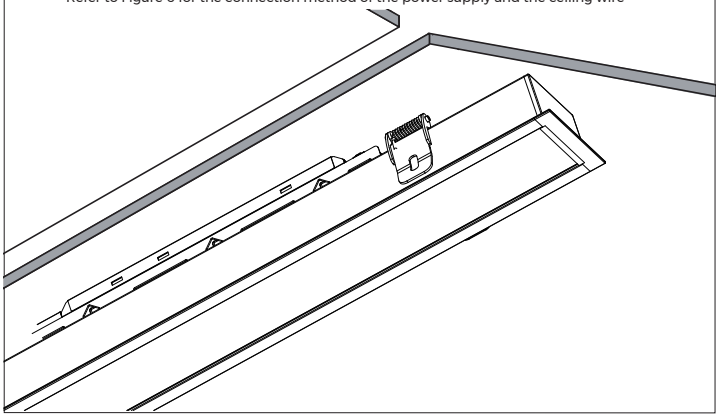


10 install Light leakage prevention Blank



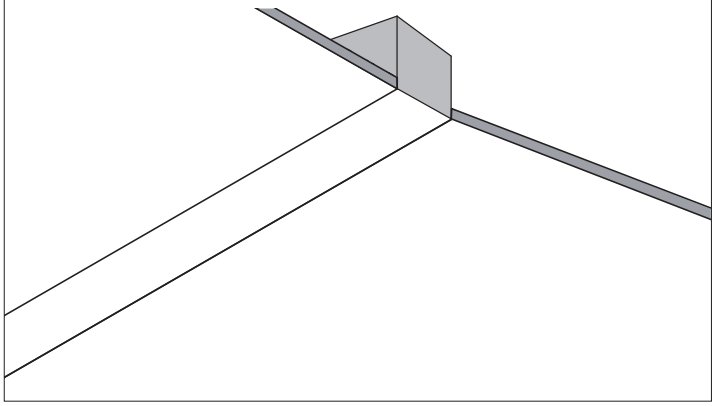
11 Connect the power supply to the ceiling wire, then install the profile in the slot opened in the ceiling, and fix it with butterfly clips

Refer to Figure 6 for the connection method of the power supply and the ceiling wire



12 Finished

⚠ When you find any abnormality such as smoke or burnt smell, please stop using it immediately.



Precautions

Recommended practice for fixture storage and maintenance

1. The storage site shall be dry, clean and well ventilated;
2. Shelves or cabinets shall be provided for fixture storage;
3. Proper fire prevention measure shall be provided;
4. Fixtures (including accessories) shall be managed and stored by type and properly marked;
5. The supplied user manuals and packing boxes of fixtures, accessories and light sources shall be properly maintained for future reference;
6. Fixtures shall be regularly wiped and maintained;
7. Clean and soft cloth shall be used to wipe fixtures;
8. Do not wash fixtures with water.

Notes on product warranty

1. A warranty period of three years is provided for products in normal use. For any faults arising during the period that are confirmed to be quality related by inspection of the company, a product of the same model will be replaced for free.
2. The warranty does not cover any of the following:

(1) Any product damage due to usage not allowed in the instructions;

(2) Any product damage due to disassembling or wrong operations by the user;

(3) Severe appearance damage or deformation of the product;

FAQ

Q Why some parts in the fixture are not lit?

A Please remove the diffuser and check whether some parts of the LED strip are not functioning. If any, please replace them.

Q Why the whole fixture is not lit?

A Please check for abnormalities at the input and output of the power supply or reverse connection of the LED strip. If there is any, it is recommended to replace the power supply.

Q Why the fixture flashes?

A Please check the dimming circuit of the power supply for any abnormality in the dimmer. If any, it is recommended to replace the power supply.

Q For two fixtures of the same type, why one is darker than the other?

A Please check for overload of the power supply. If any, it is recommended to replace the power supply.

Q Why the diffuser breaks after cutting?

A Please check the speed of the cutting machine. Too high a speed tends to cause breaking of the diffuser. It is recommended to set the speed to 1,000 – 1,200rpm.

Q The cut surface is not flat after profile cutting.

A Please check for severe wearing of the blade of the cutting machine. If any, it is recommended to replace with a new blade.

Q How to solve the light leak during lighting up after assembling?

A Please check the levelness of the installation. If there is any problem, please adjust the levelness and assemble again. If the levelness is Ok, please check verticality of the cut surface.

Q Light leak from the end cap is found after lighting up?

A Please check consistency between the length of profile and the diffuser. If the length are not the same, please adjust it. If there is no problem of the length, please check if the cut surface of the profile and the diffuser are ground, if not, adjust again or replace them.

Q How to solve the worn thread of the cap screws?

A Please check whether proper torque is used to fasten the screws (M2.0*8mm self-tapping screws for the end caps). It is recommended that the torque not exceeds 0.2N/m (about 2.0Kgf/cm).

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