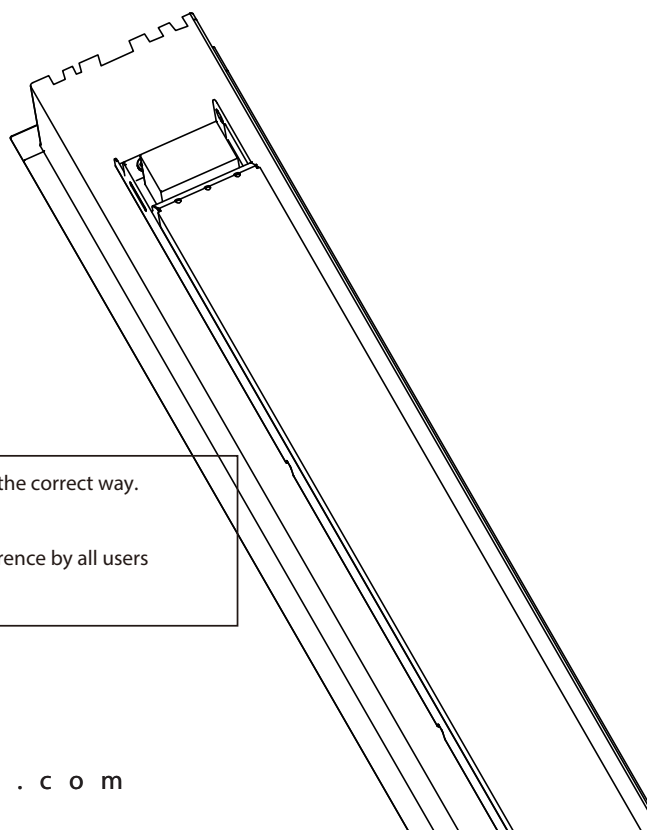
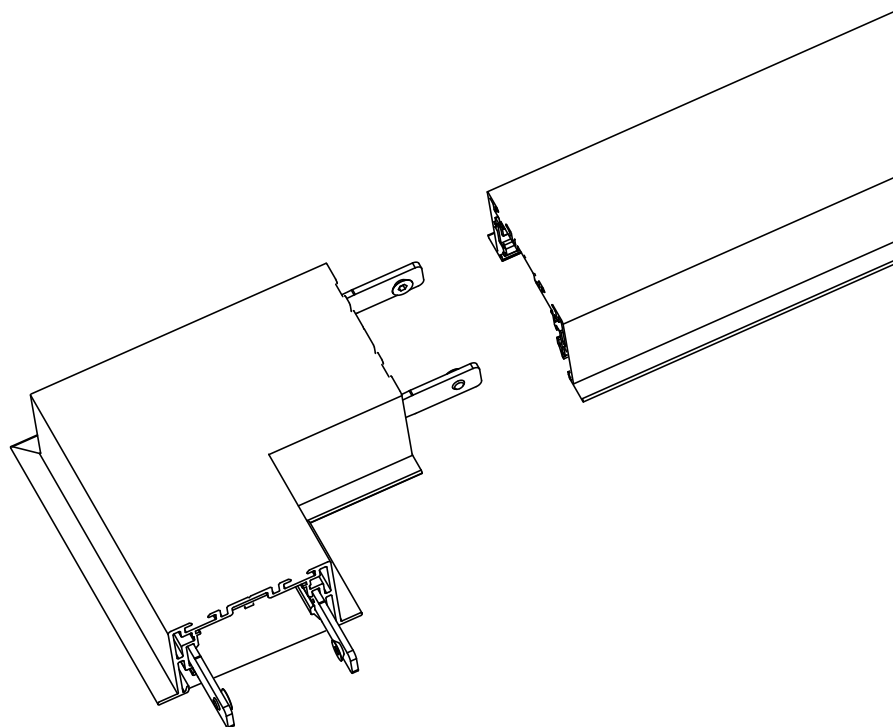


USER MANUAL

LINE E5535

LINE E6935

LINE E9435



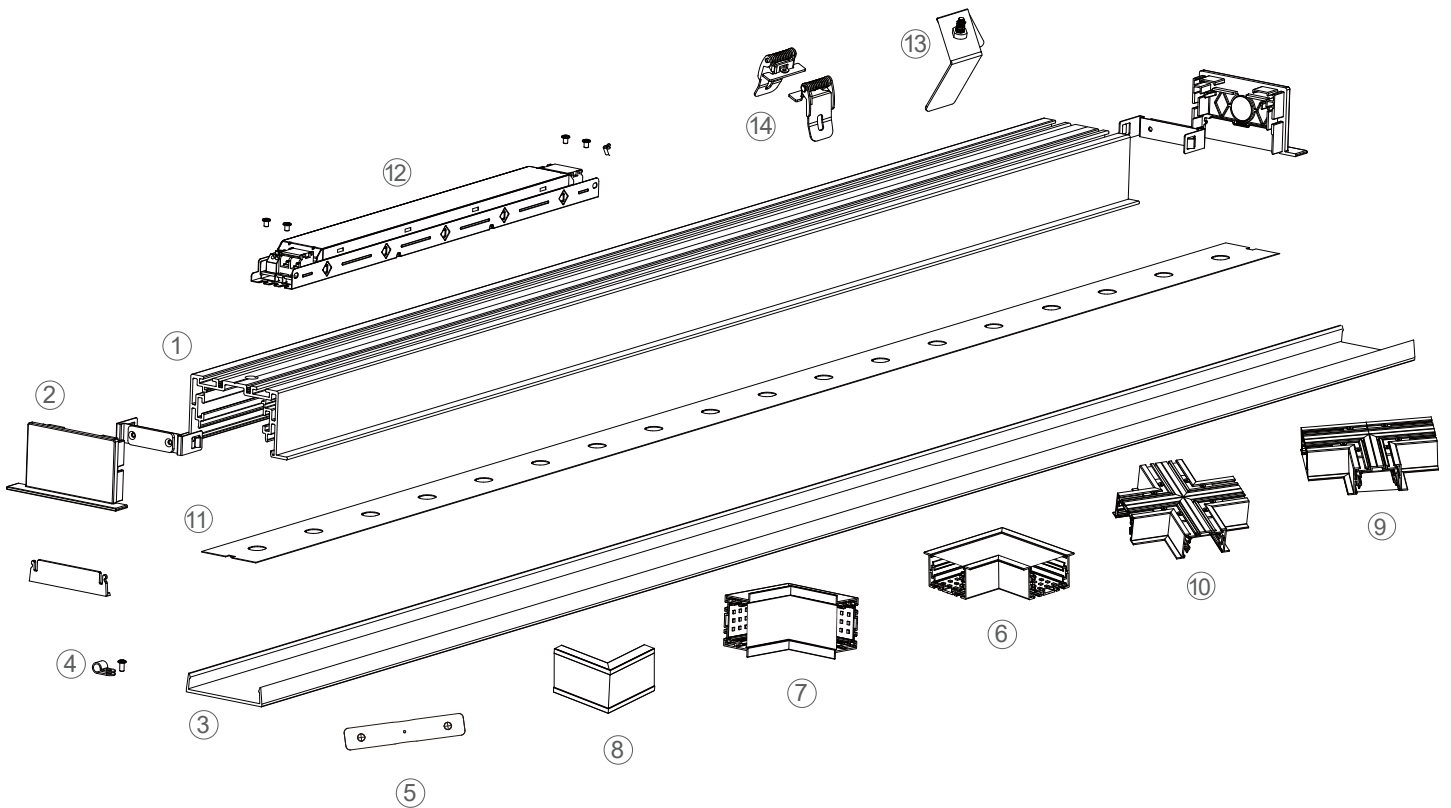
Please read the manual carefully before installation and application, and use the product in the correct way.

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.

CONTENTS

01	Components	01
02	Installation	
	Recessed	02
03	Cutting	11
04	Recommended power supplies	12
05	Applications	13



Essentials

- ① Profile x 1
- ② End caps x 2
- ③ Diffuser x 1
- ④ Cable clip

Light source and power supply *

- ⑪ Flexible strip / rigid modular
- ⑫ Power supply

Connectors *

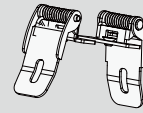
- ⑤ 180° extender
- ⑥ L connector
- ⑦ L interior connector
- ⑧ L exterior connector
- ⑨ T connector
- ⑩ X connector

Installation accessories *

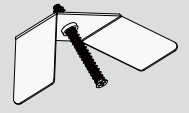
- ⑬ N-type buckle
- ⑭ Butterfly clamp

* Optional accessories

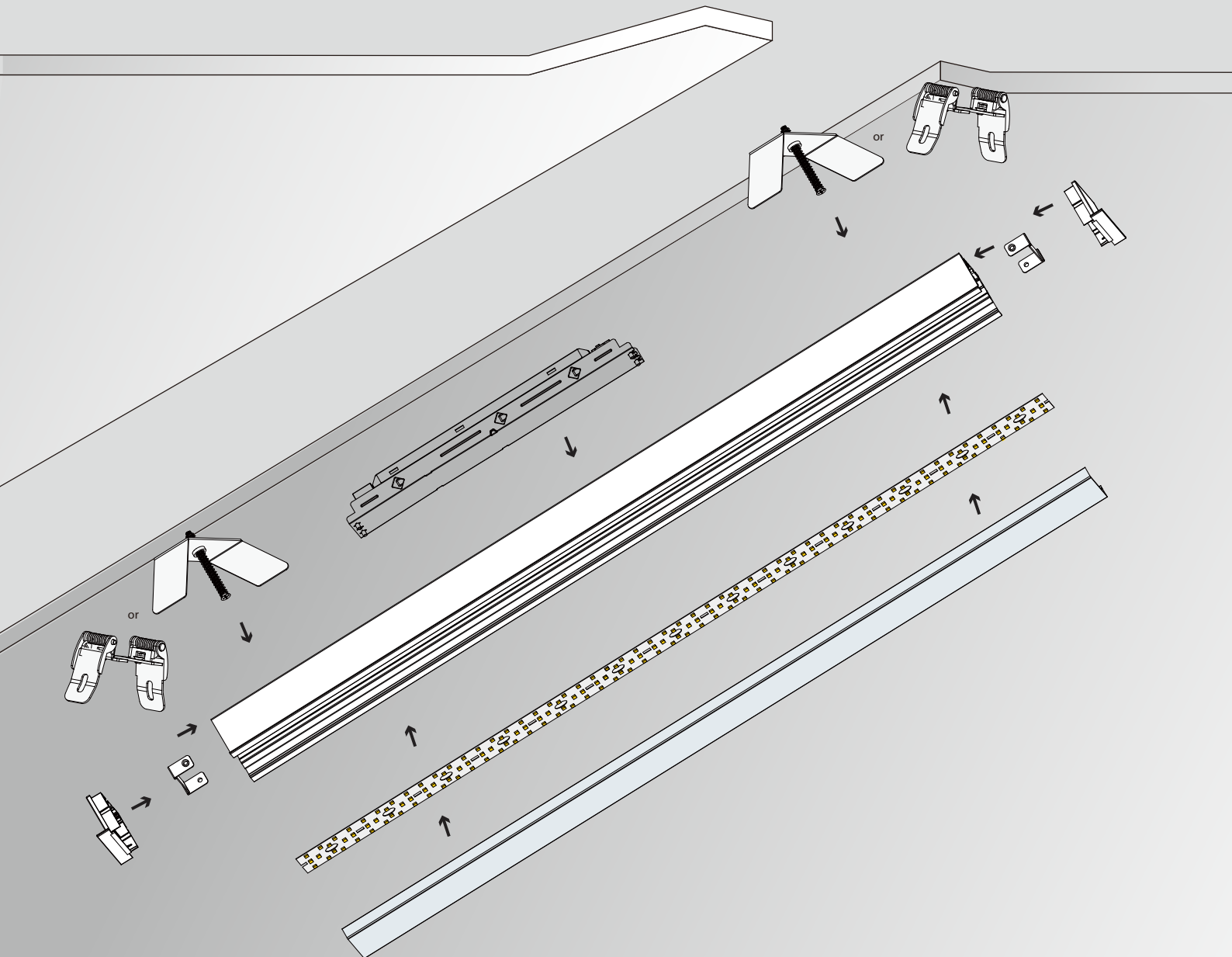
Recessed 2.5 m



Butterfly clamp
Refer to P3 for installation



N-type buckle
Refer to P5 for installation



Installation of butterfly clamp

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 $\pm 0.5\text{mm}$

Slot size LINE E6935 L(Profile length+9mm)*W60mm
 LINE E5535 L(Profile length+9mm)*W46mm
 LINE E9435 L(Profile length+9mm)*W85mm

e.g.: The 9mm of LINE E6935 refers to the thickness of both end caps (2*3mm) + 3mm gap

3 Remove the diffuser and carrier

4 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

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

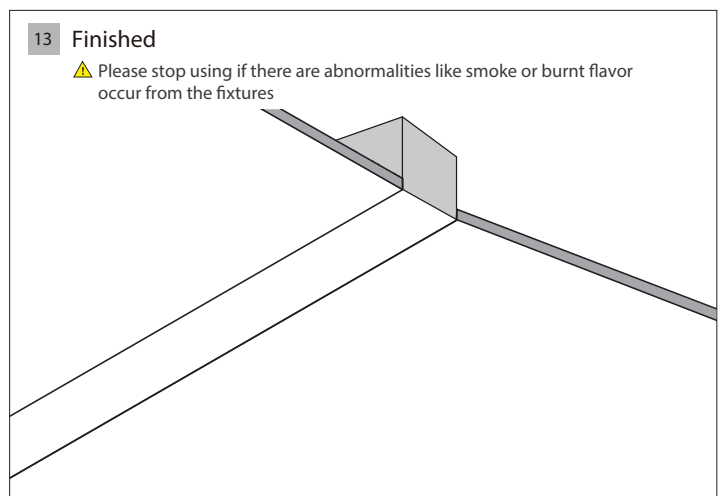
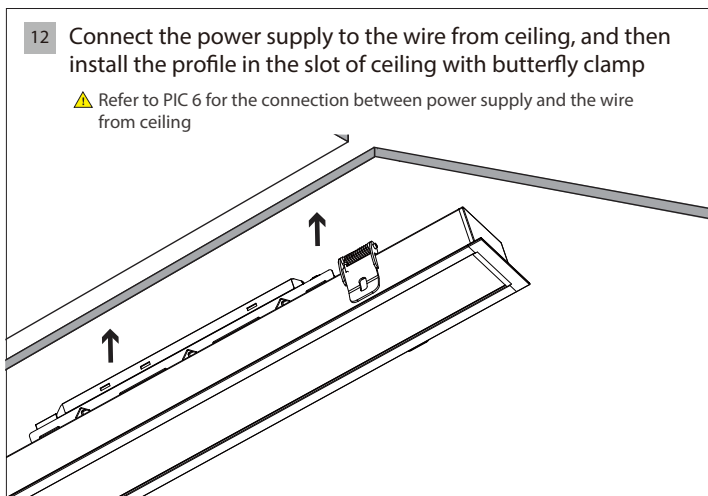
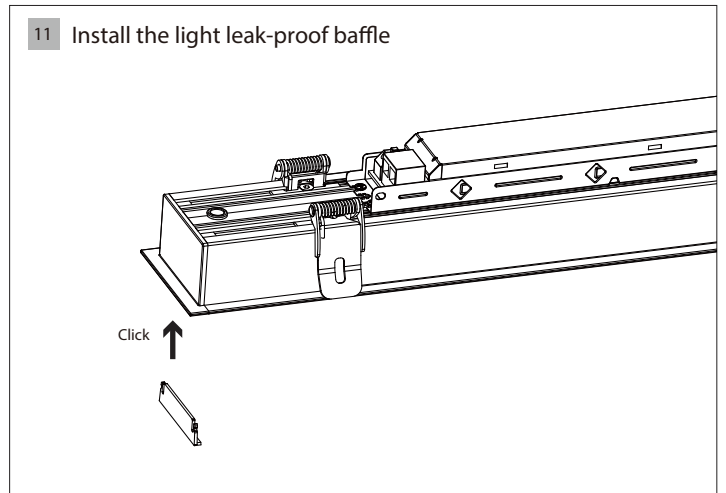
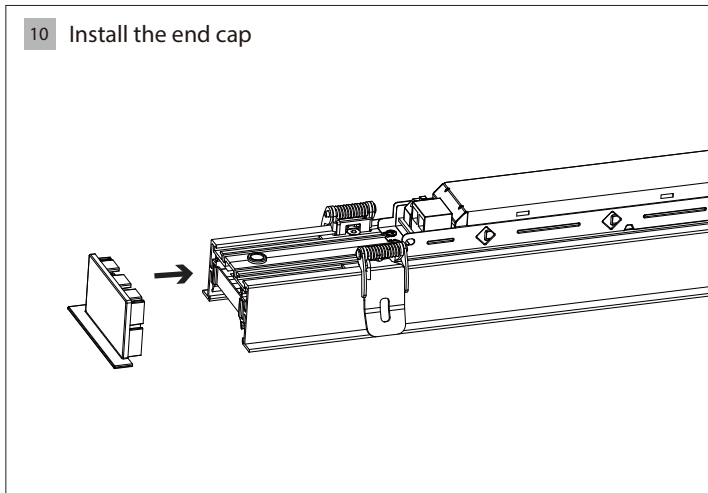
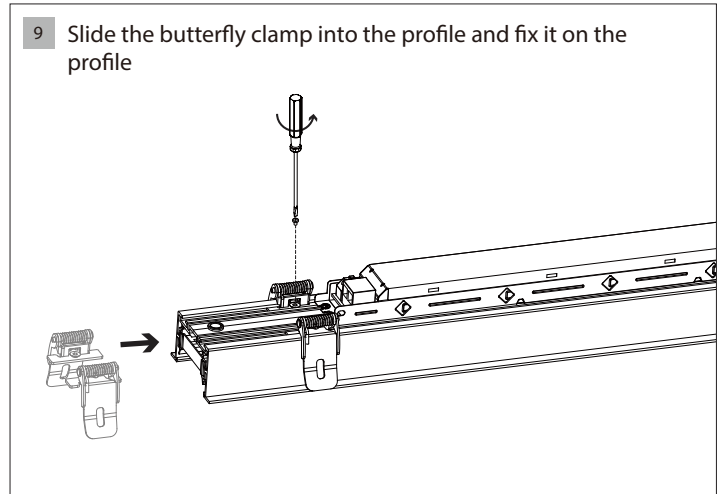
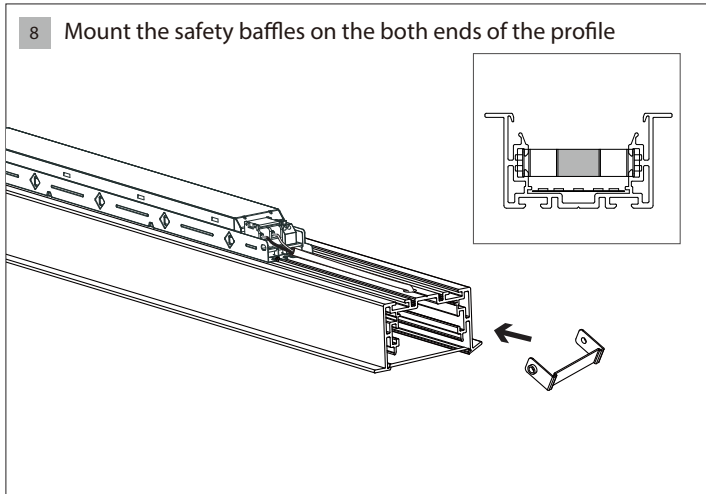
⚠ Only the strip with copper foil on the back is needed to be protected with insulation

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 Install the diffuser on profile

⚠ Align the diffuser with profile



Installation of N-type buckle

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 $\pm 0.5\text{mm}$

Slot size LINE E6935 L(Profile length+9mm)*W60mm
 LINE E5535 L(Profile length+9mm)*W46mm
 LINE E9435 L(Profile length+9mm)*W85mm

e.g. :The 9mm of LINE E6935 refers to the thickness of both end caps (2*3mm) + 3mm gap

3 Remove the diffuser and carrier

4 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

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

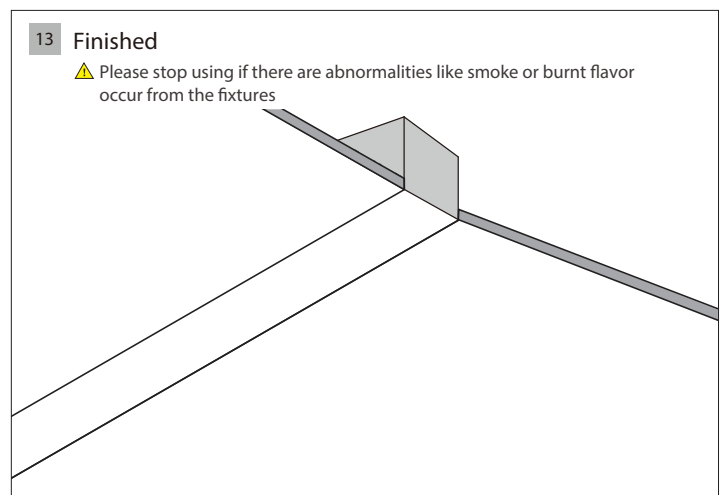
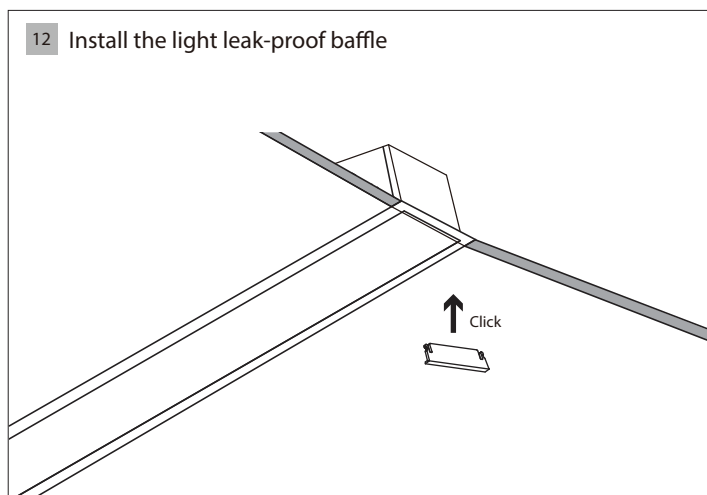
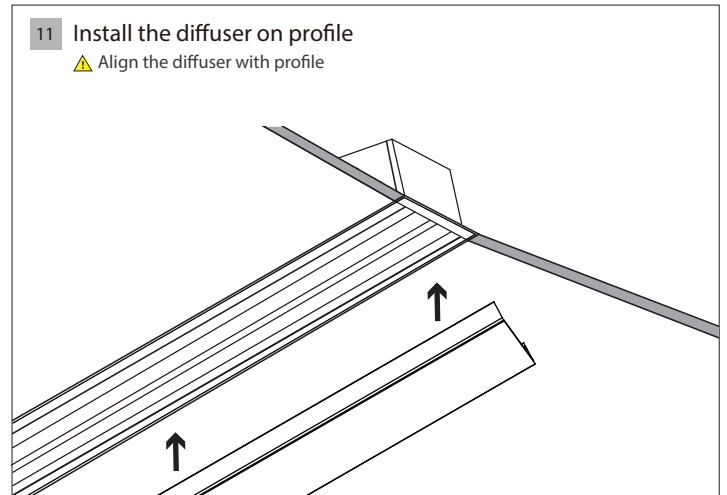
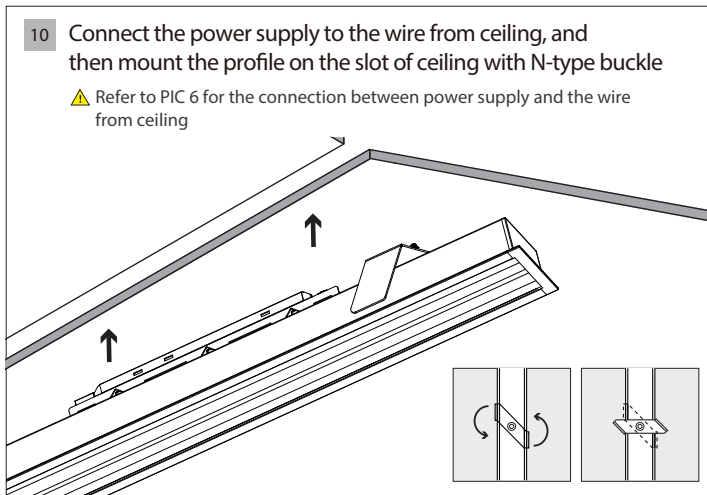
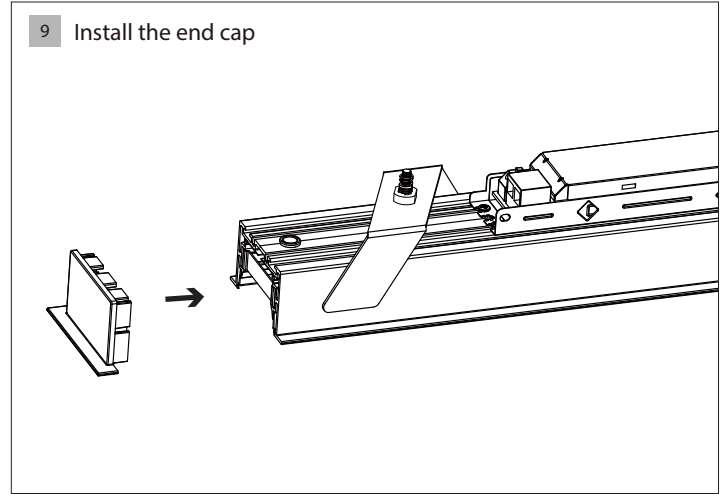
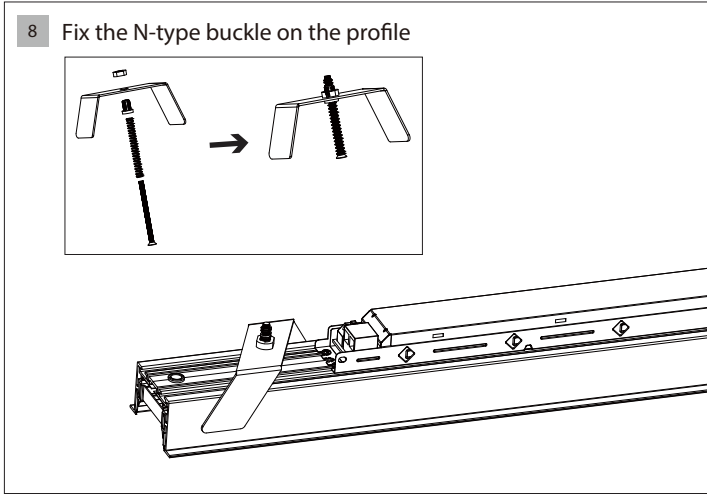
⚠ Only the strip with copper foil on the back is needed to be protected with insulation

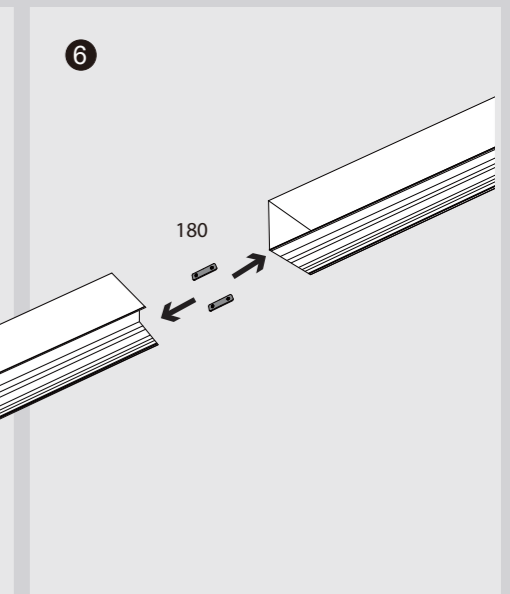
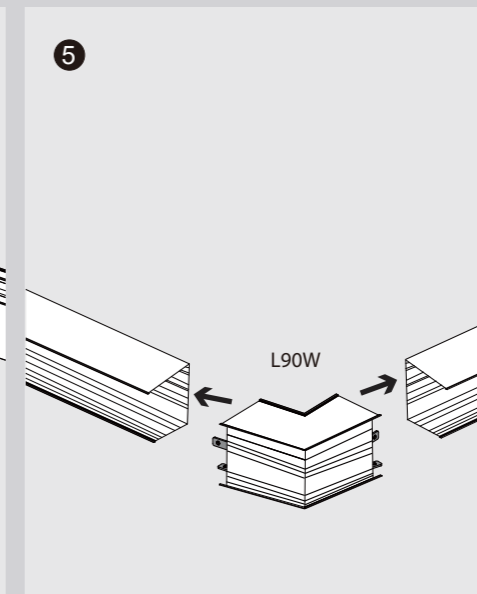
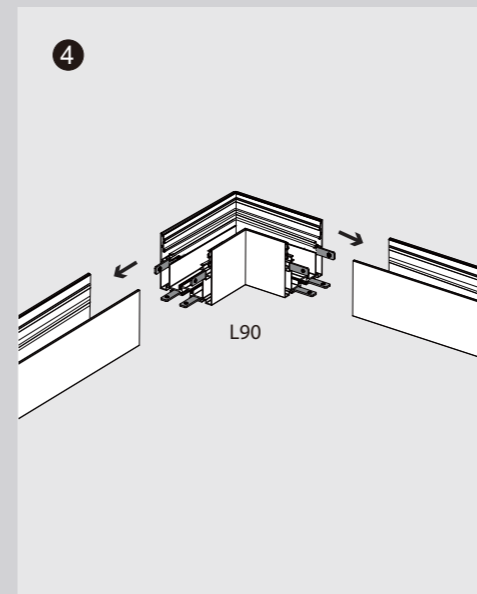
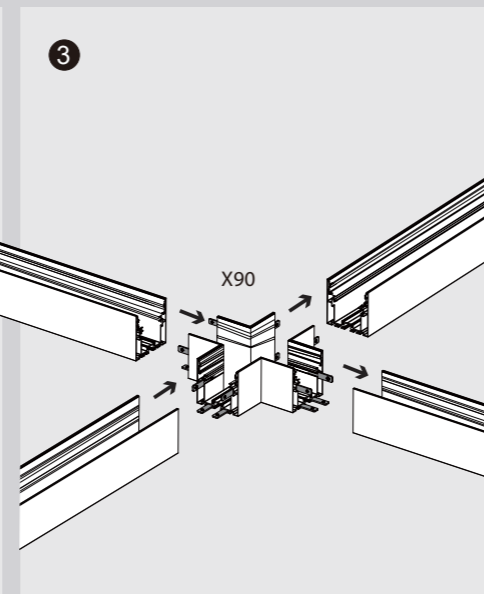
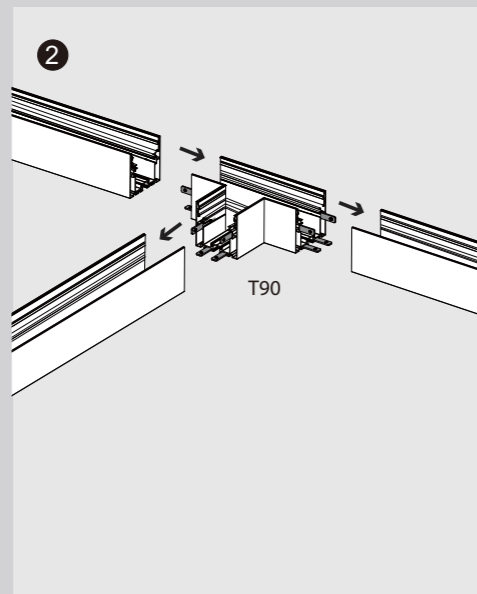
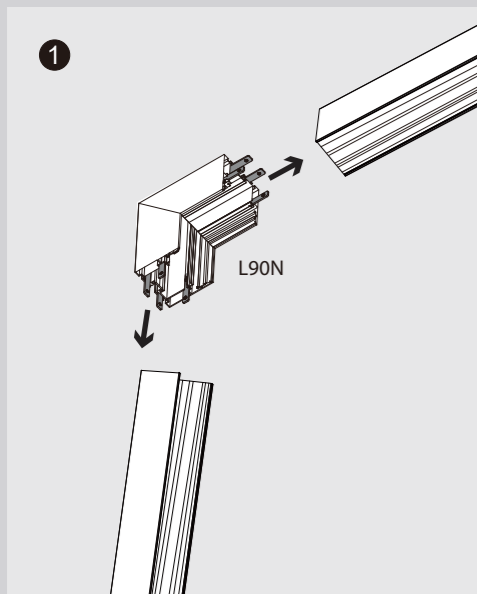
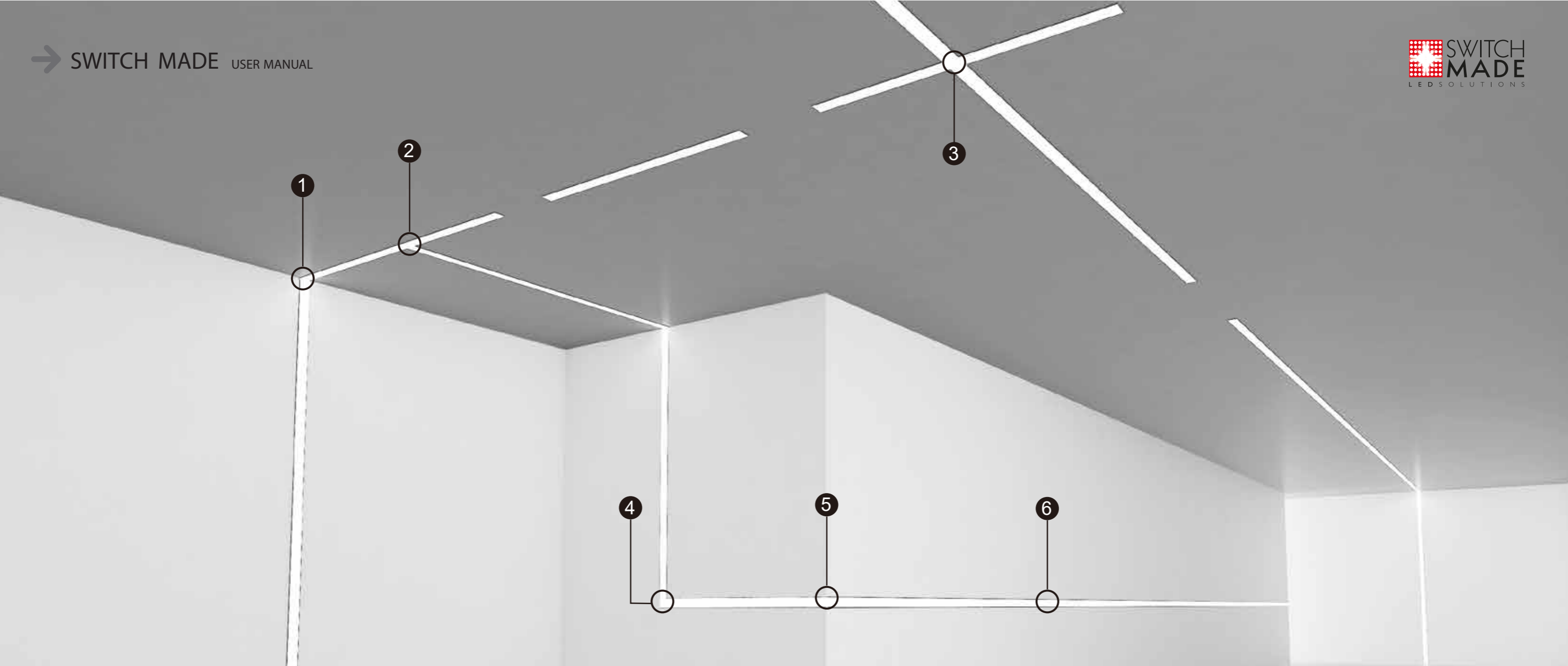
b : Connect the rigid modular to pins correctly (do not confuse the anode with cathode), and then slide the rigid modular into the carrier

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

⚠ Cut the earth wire and then fix it on the profile with screws (Protect the connection of earth wire with insulation)

7 Mount the safety baffles on the both ends of the profile



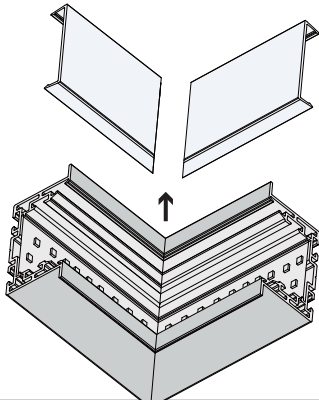


INSTALLATION OF CONNECTORS

* Please read the manual carefully before installing the connectors, which should be installed after the power supply is installed into the profile. The installations are as follows:

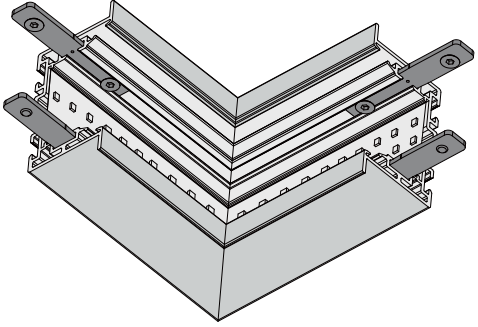
1、 Connector with light source

1 Remove the diffuser of connector, and then remove the light source of connection



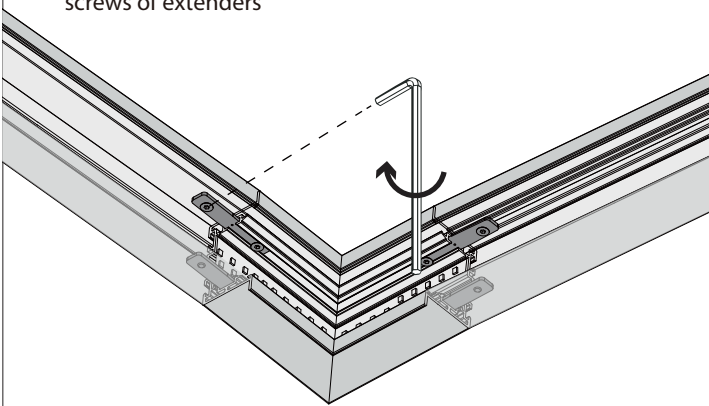
The diagram shows a cross-section of the connector assembly. Two rectangular diffuser pieces are shown being lifted away from the top of the connector. Below them, the internal components, including the light source, are visible. An upward-pointing arrow indicates the direction of removal.

2 Mount the 180° extenders on the connector (Two installed inside, two outside)



The diagram shows the connector assembly with four L-shaped 180-degree extenders mounted on its top surface. Two extenders are positioned on the inner side of the corner, and two are on the outer side. The extenders have a flat top surface and a vertical side flange.

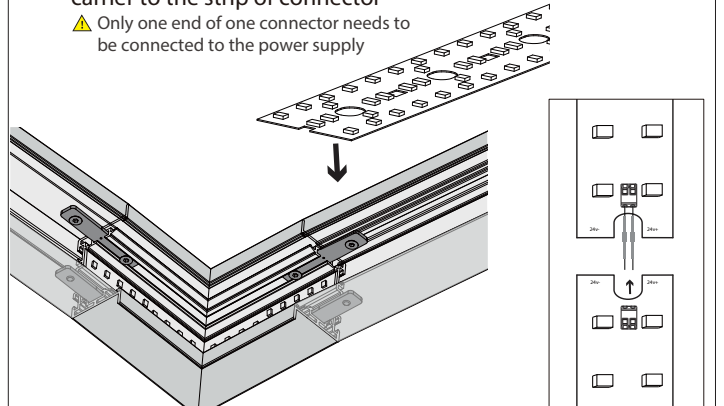
3 Connect the connector to profile seamlessly, tighten the screws of extenders



The diagram shows the connector assembly being inserted into a profile. A screwdriver is shown tightening a screw on one of the extenders. A dashed line indicates the alignment of the connector with the profile. A curved arrow indicates the direction of the screwdriver's movement.

4 Mount the carrier on the profile, and connect the strip of carrier to the strip of connector

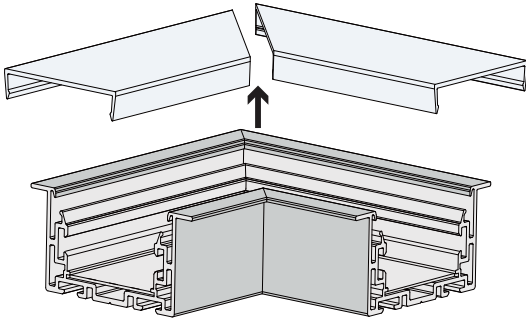
⚠ Only one end of one connector needs to be connected to the power supply



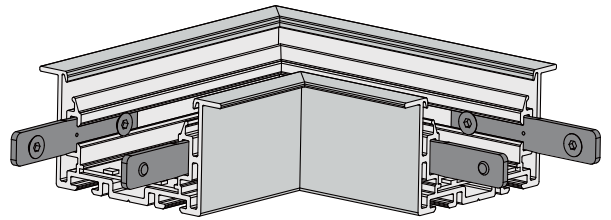
The diagram shows the carrier strip being mounted on the profile. The carrier strip is a long, thin strip with a series of holes. It is being inserted into the profile. A downward-pointing arrow indicates the direction of insertion. To the right, a detailed view of the carrier strip shows the connection points for the connector strip.

2. Connector without light source

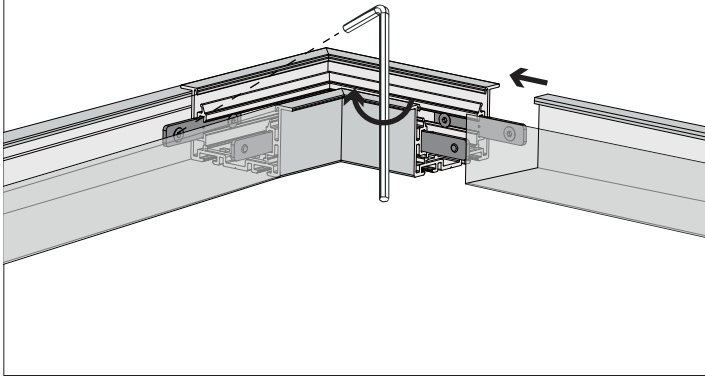
1 Remove the diffuser of connector



2 Mount the 180° extenders on the connector (Two installed inside, two outside)

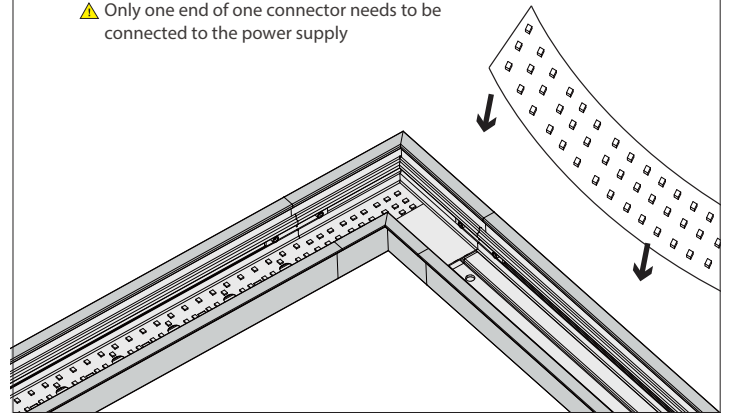


3 Connect the connector to the profile seamlessly, tighten the screws of extenders

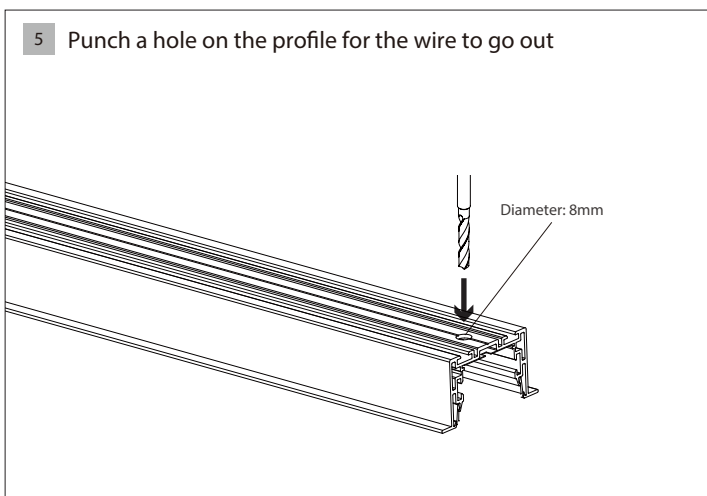
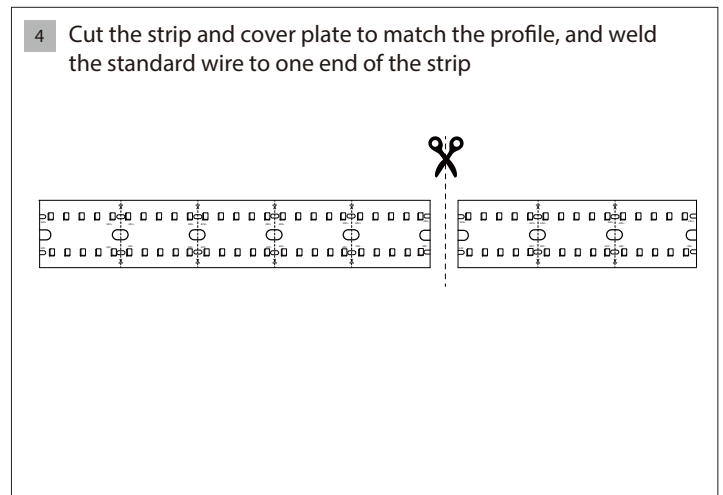
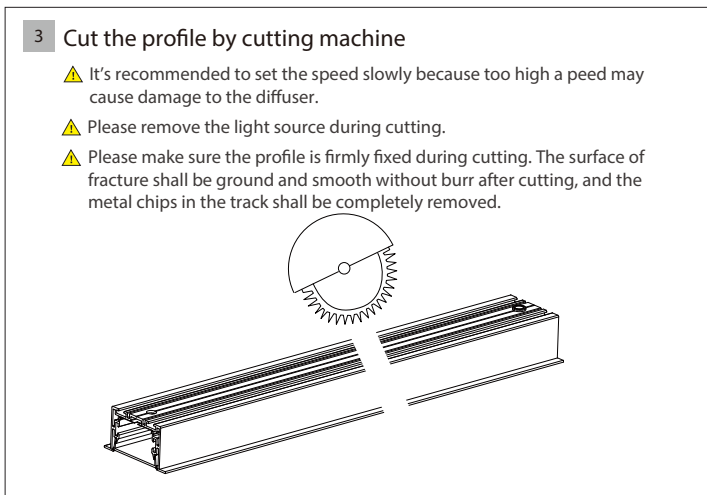
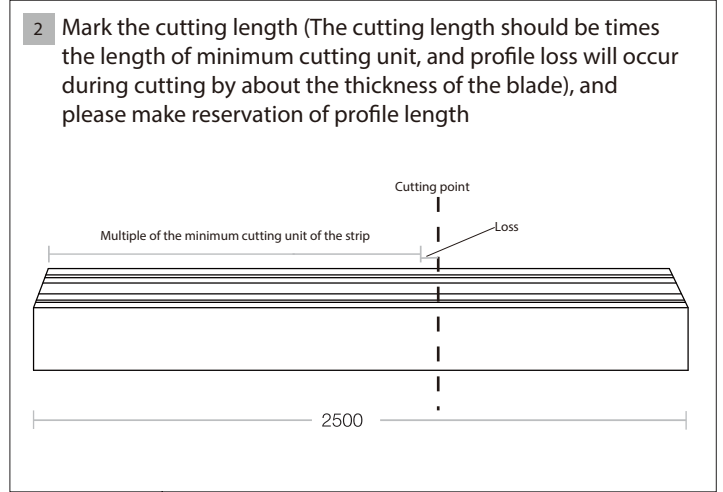
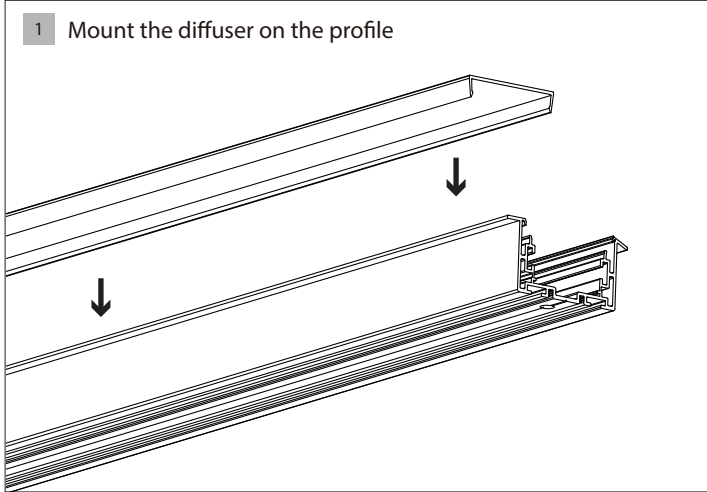


4 Mount the carrier on the profile, and attach the strip to the carrier and the connector

⚠ Only one end of one connector needs to be connected to the power supply



Cutting



Recommended power supplies

Formula: $\frac{\text{total power of power supply} - \text{power of connector}}{\text{power per meter of strip}} < \text{the length of light source that can be driven by power supply}$

e.g.: LE9435 Without connector $\frac{100W-0W}{30W/m} < 3.3m$ With connector $\frac{100W-6W}{30W/m} < 3.1m$

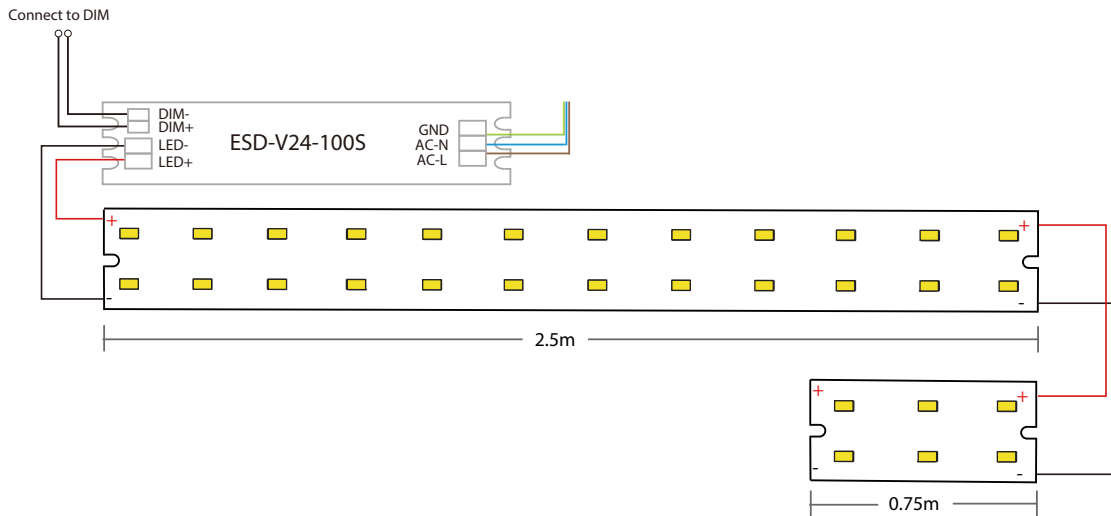
Model	Power supply	Recommended strip		Strip power	Connector power				
		Flexible strip	Rigid modular		L90	L90N	L90W	T90	X90
LINE E5535	25W	D8280-20	DY8280-23	20W/m	3.1W/m	4W/m	4W/m	4W/m	5W/m
LINE E6935	65W	D8280-34	DY8280-36	25W/m	3.7W/m	5W/m	5W/m	5W/m	6.2W/m
LINE E9435	100W	D8420-52	DY8420-55	30W/m	6W/m	6W/m	8.6W/m	7.6W/m	10.1W/m

* Please select a suitable power supply (25W, 65W, 100W) to match the strip after cutting or assembling through the formula

e.g.: The length of strip that can be driven by LE9435-100W power supply

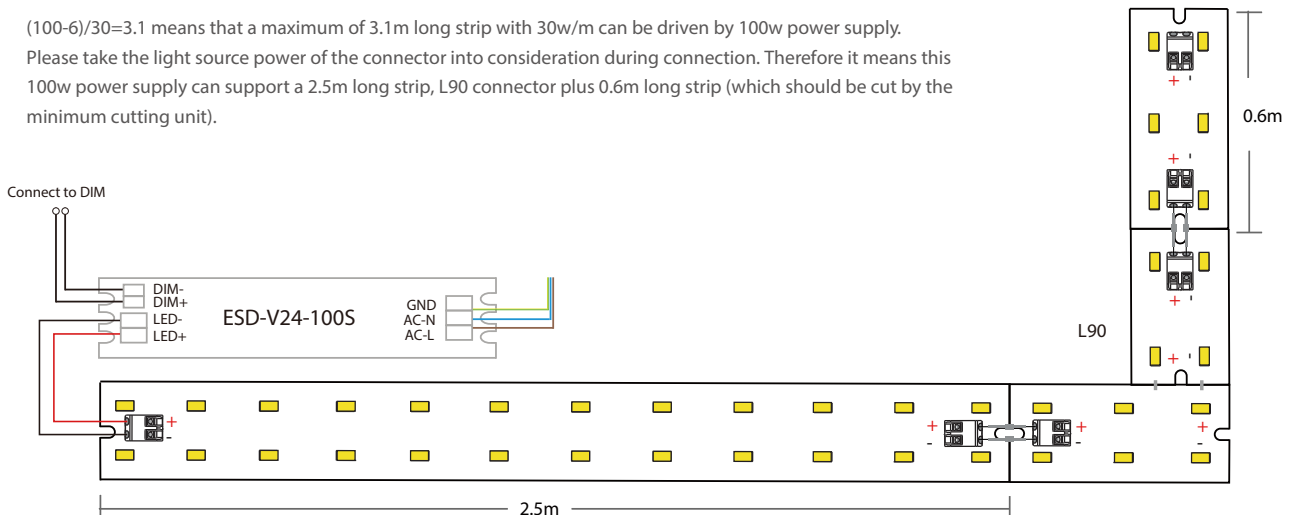
1、Connector without light source

$100/30=3.3$ means that a maximum of 3.3m long strip with 30w/m can be driven by 100w power supply. Therefore it means that this 100w power supply can support a 2.5m long strip and 0.75m long strip (which should be cut by the minimum cutting unit).



2、Connector with light source

$(100-6)/30=3.1$ means that a maximum of 3.1m long strip with 30w/m can be driven by 100w power supply. Please take the light source power of the connector into consideration during connection. Therefore it means this 100w power supply can support a 2.5m long strip, L90 connector plus 0.6m long strip (which should be cut by the minimum cutting unit).



Applications





www.switch-made.com