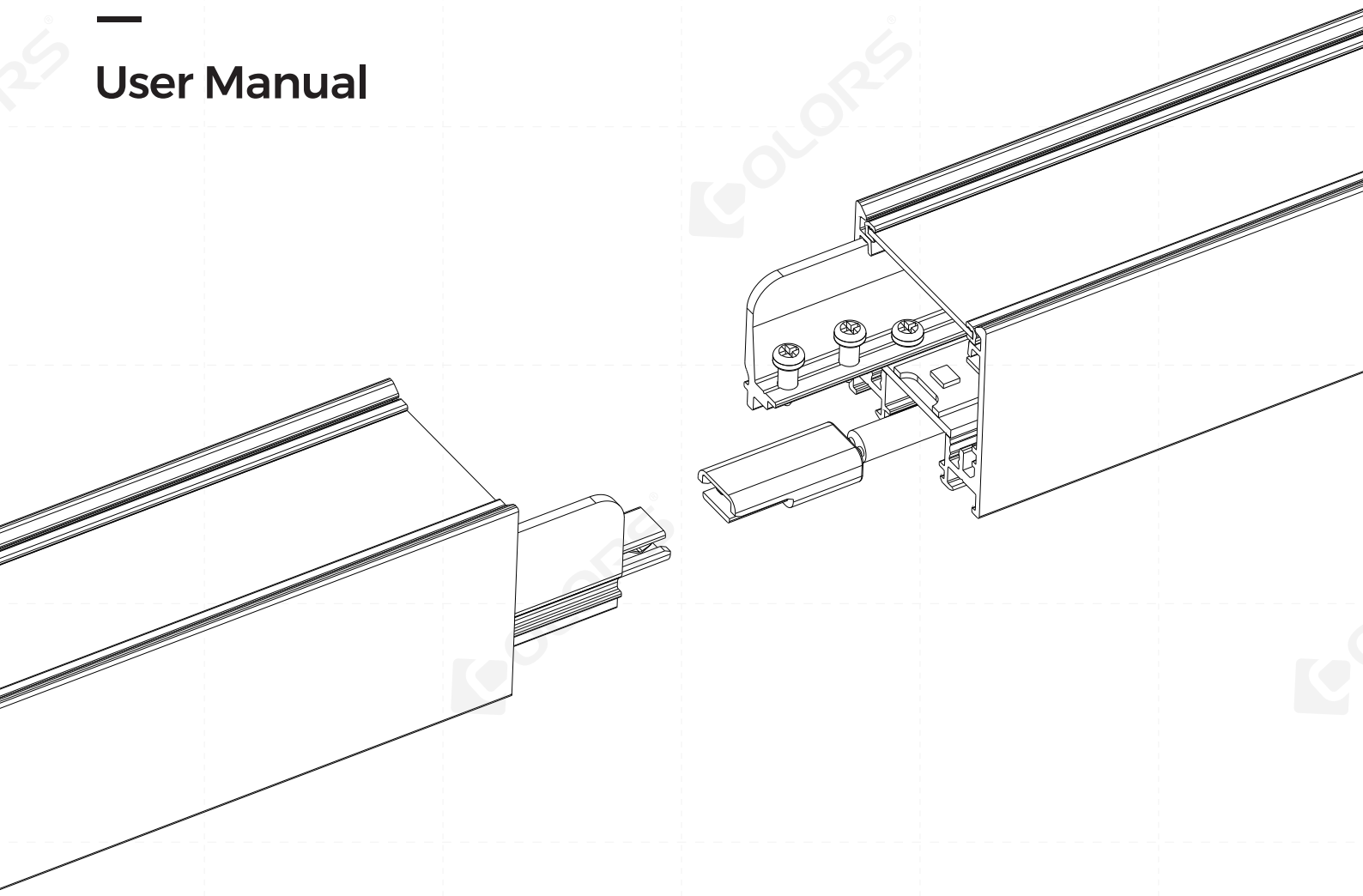
INFINITE LIGHTS

Modules

—

User Manual



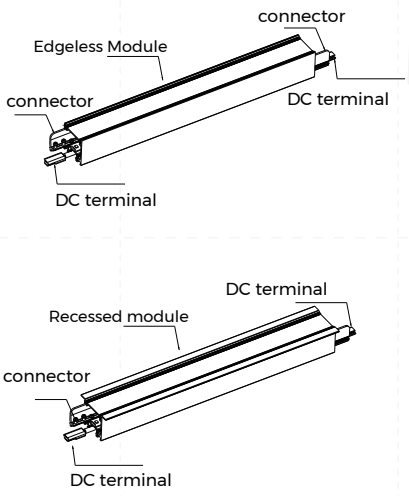
Use Suggestion

1. Please read this manual carefully before installation and use it in the correct way.
2. This manual also contains the attached instructions.
3. Please keep this manual properly after reading and understanding it, so that the owner of this product can refer to it at any time.

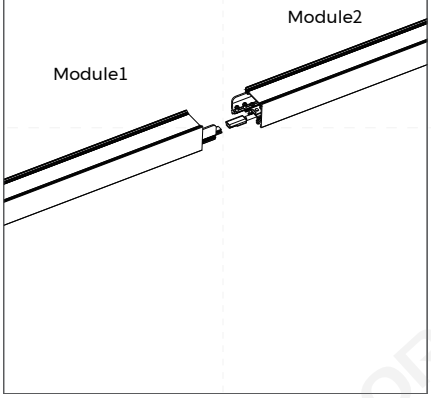
cn.colorsled.com china@colorsled.com

Module splicing_For 35mm hight module

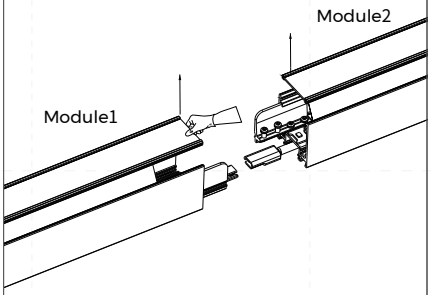
1



2

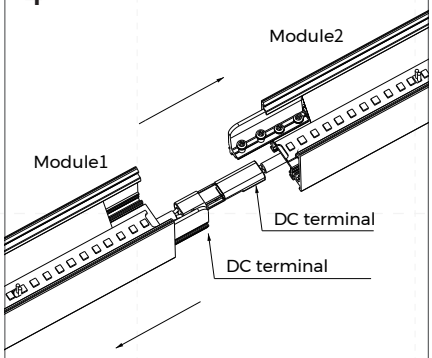


3



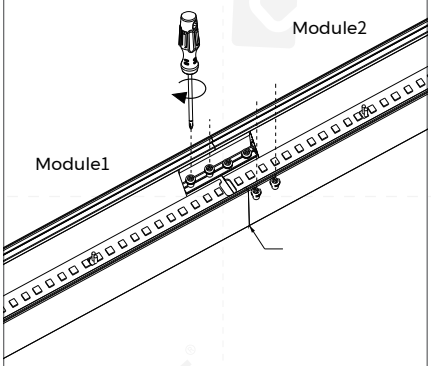
Take off the PC cover of module 1 and module 2

4



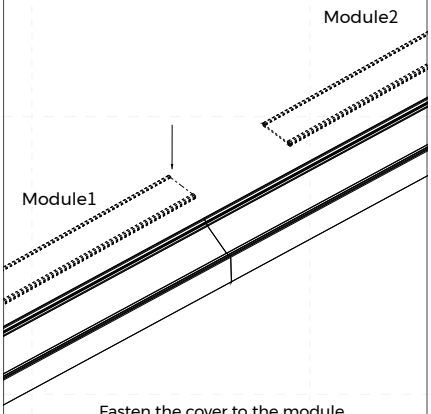
Plug the terminals into each other, and then Plug the module connectors into each other

5



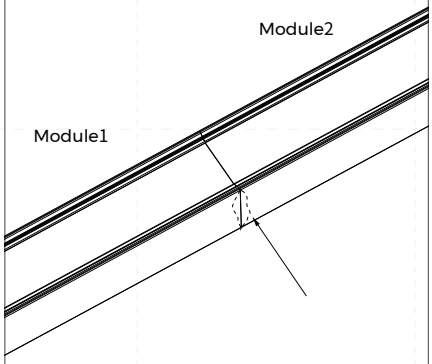
Use tool to tighten the screws

6



Fasten the cover to the module

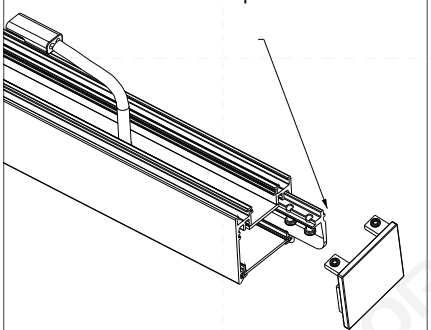
7



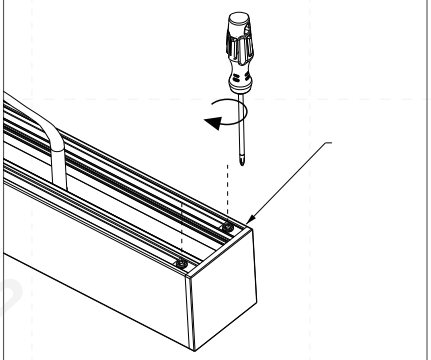
Apply blackout adhesive of the same color as the profile to the joints on both sides of the module.

8

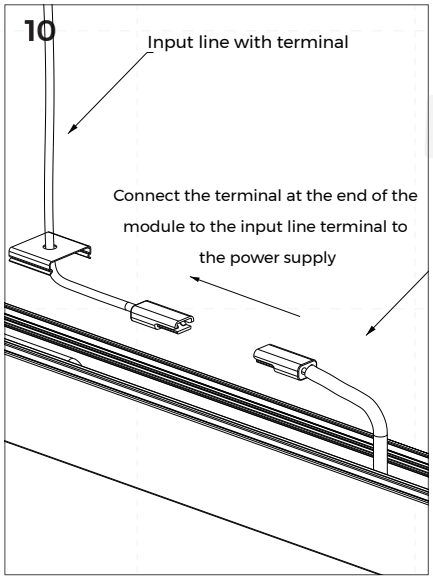
Remove the splice at one end

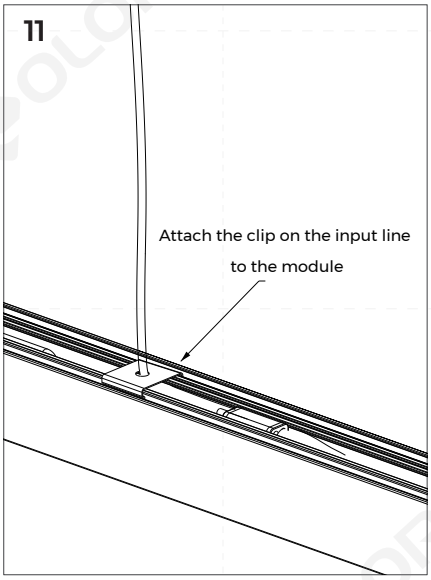


9



Install the end cap on the module, lock the screws

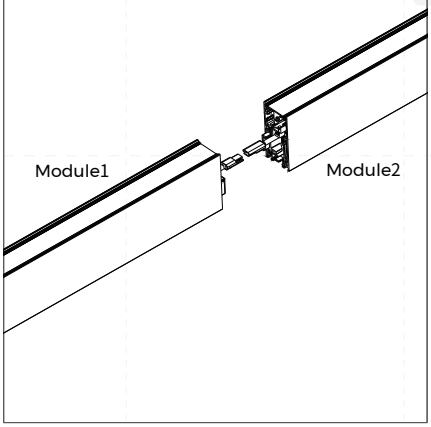




Note: Clips need to be purchased separately according to the width of the module purchased.

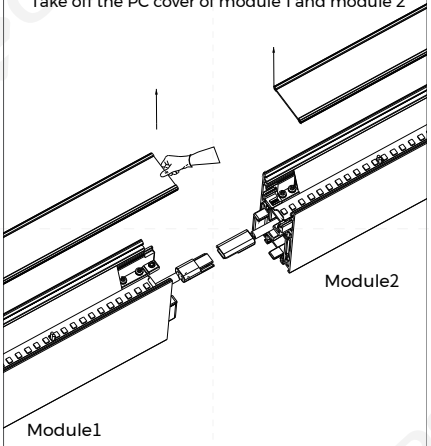
Module splicing_For 70mm hight module

1

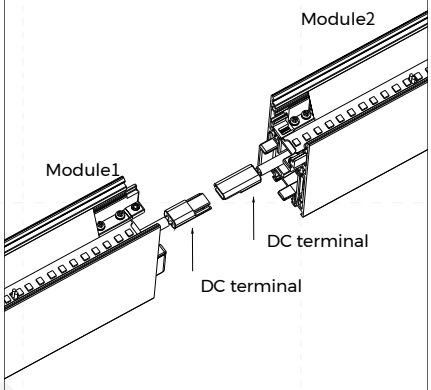


2

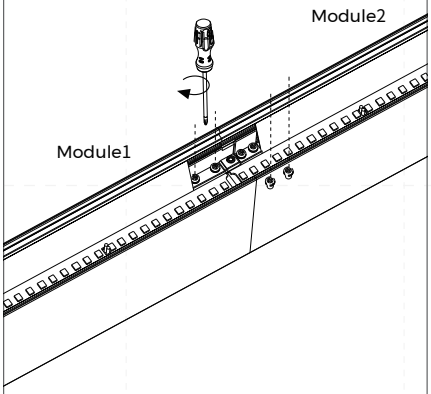
Take off the PC cover of module 1 and module 2



3

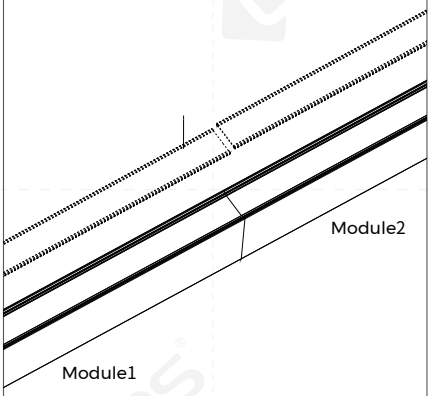


Plug the terminals into each other, and then Plug the module connectors into each other



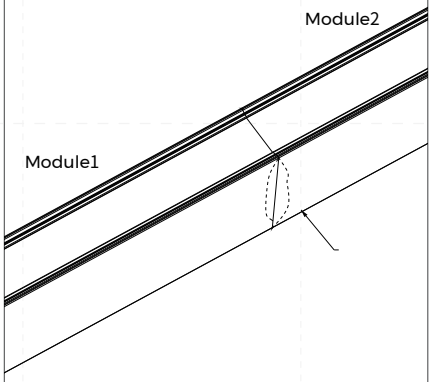
Use tool to tighten the screws

5

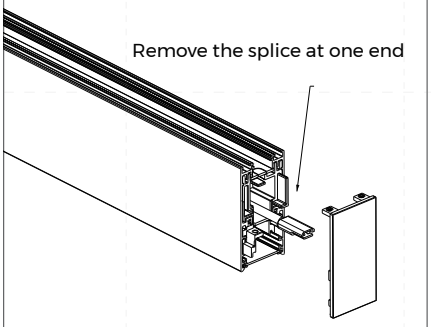


Fasten the cover to the module

6

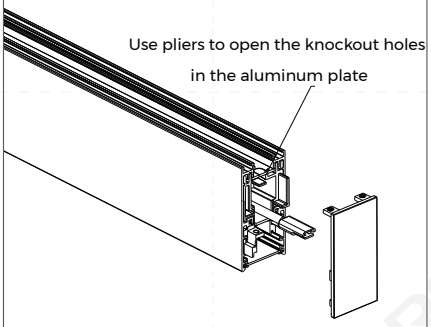


Apply blackout adhesive of the same color as the profile to the joints on both sides of the module.



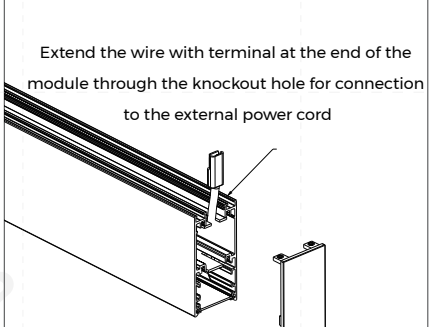
Remove the splice at one end

8



Use pliers to open the knockout holes in the aluminum plate

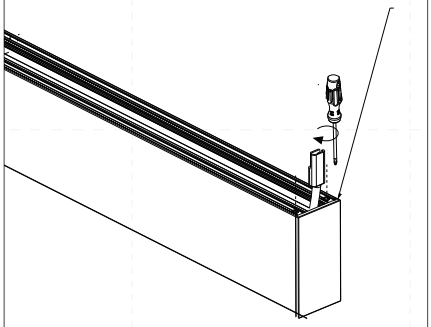
9



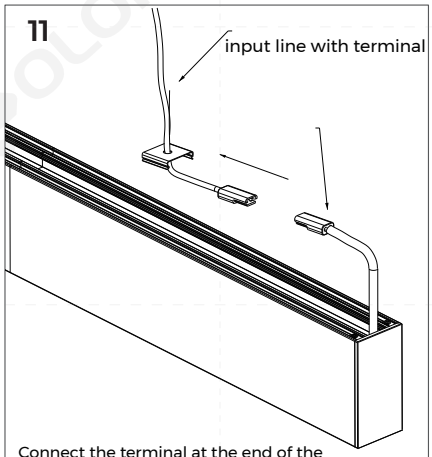
Extend the wire with terminal at the end of the module through the knockout hole for connection to the external power cord

10

Install the end cap on the module, lock the screws



11



Connect the terminal at the end of the module to the input line terminal to the power supply. And then attach the clip on the input line to the module.

Note: Clips need to be purchased separately according to the width of the module purchased.

Linear power box(With Steel Wire Rope)

1. Accessories display


expansion plug&Screw X4PCS


bracket screw X2PCS

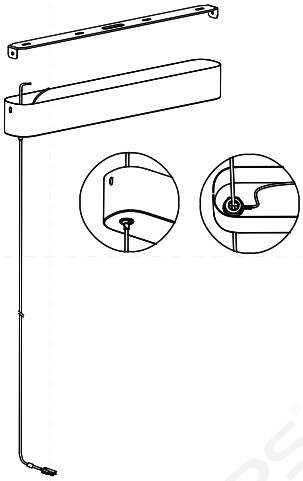

5-pin connector terminal X1PCS


Pacifier-shaped cap X1PCS


ground wire X1PCS

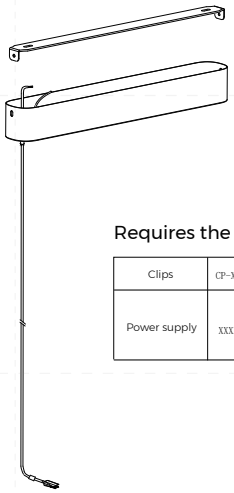

3M tape X1PCS

AC wire X1PCS



2. Installation

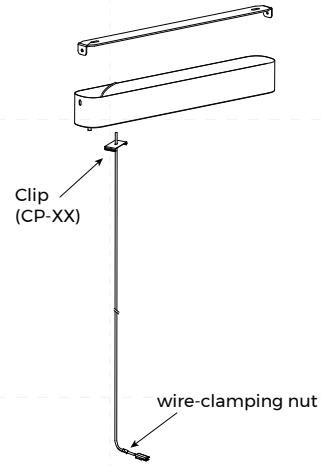
❶



Requires the following accessories for use

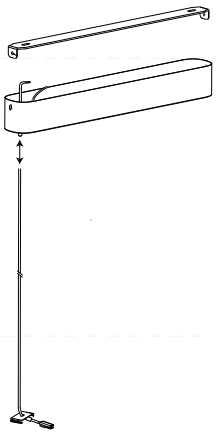
Clips	CP-XX	
Power supply	XXXX	

❷



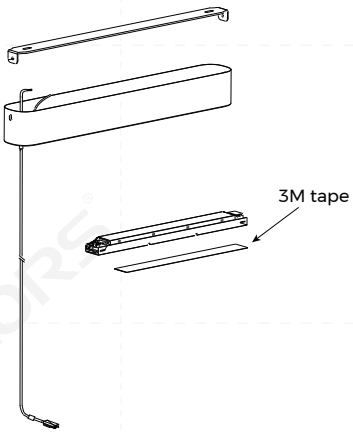
Remove the input cable from the power supply box, then insert the clip into one end of the input cable.

❸



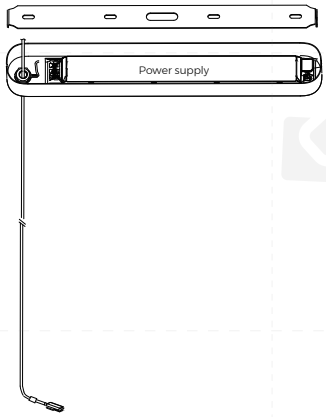
Insert the input cable into the cable lock of the power supply box.

❹



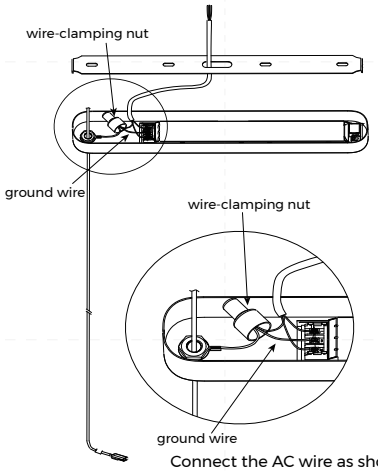
Secure the power supply by attaching 3M tape to the bottom.

5



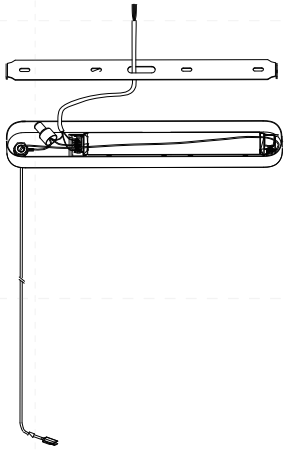
Secure the power supply in the appropriate position inside the power supply box.

6



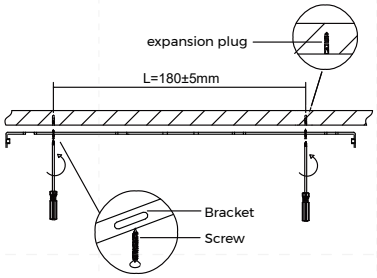
Connect the AC wire as shown in the diagram,
L/N connected to the power supply input terminal
and the ground wire connected as shown in the diagram.

7



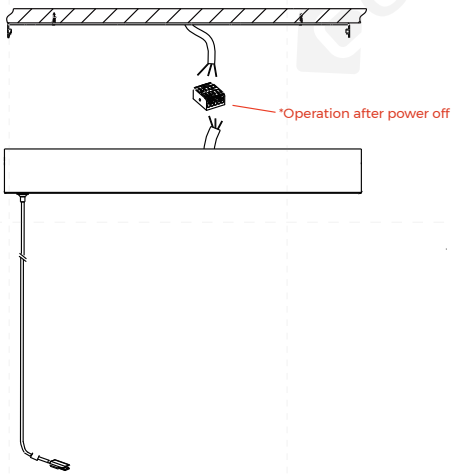
Connect the input wire to the power supply output terminal (LED+/-), with the transparent wire connected to LED+ and the exposed wire connected to LED-

8



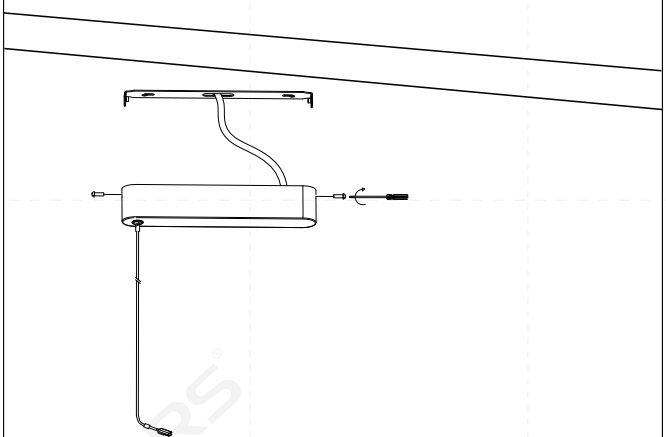
Use screws to secure the power supply box bracket to the ceiling

9

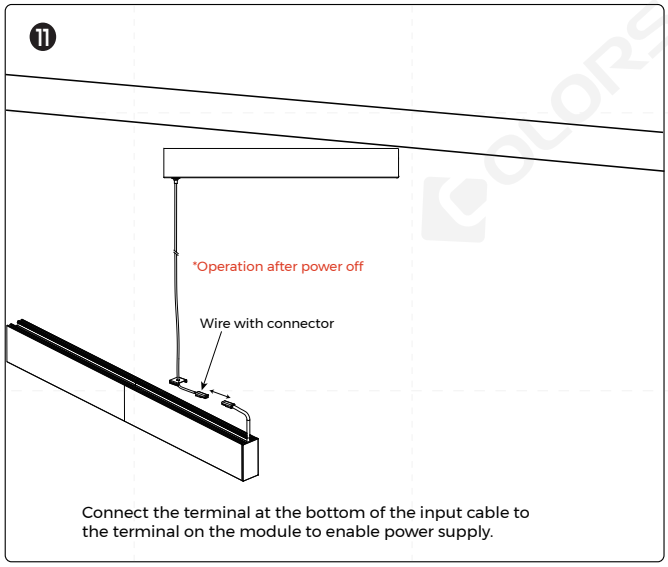


Connect the AC wire on the power supply to the external AC wire by the 5-pin connector terminal

10



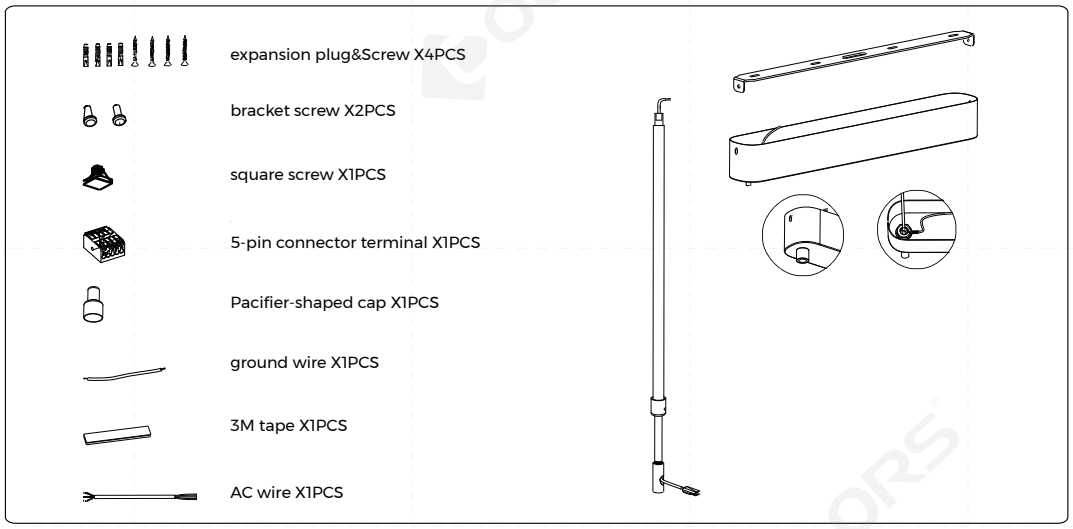
Use the bracket screws to secure the power supply box to the bracket from both sides of the power supply box.



Connect the terminal at the bottom of the input cable to the terminal on the module to enable power supply.

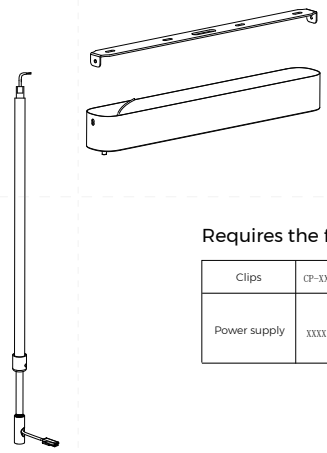
Linear power box(With Rod)

1. Accessories display



2. Installation

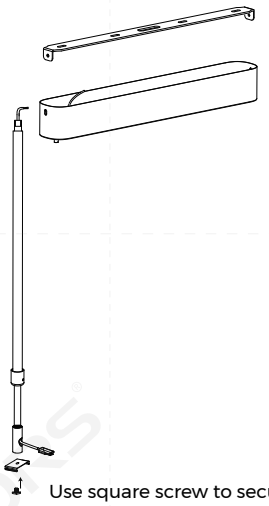
❶



Requires the following accessories for use

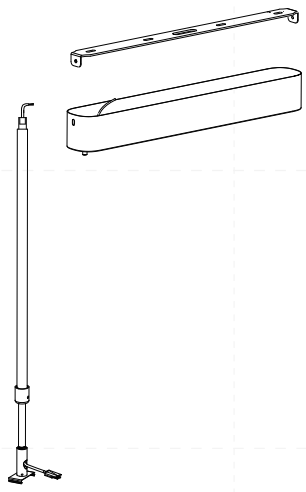
Clips	CP-XX	
Power supply	XXXX	

❷

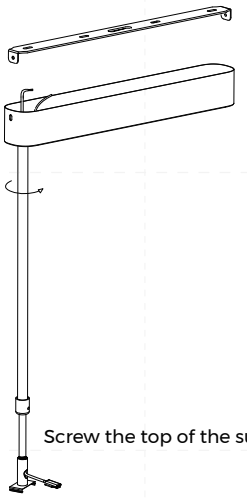


Use square screw to secure the clip to the bottom of the suspension rod.

❸

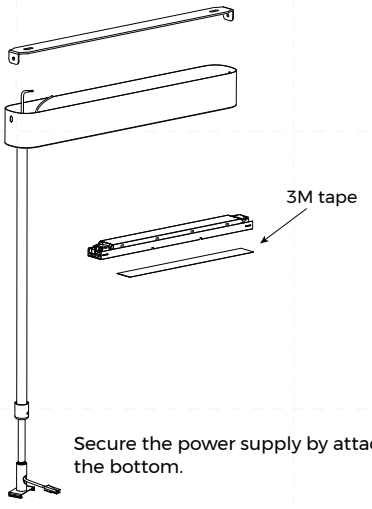


❹



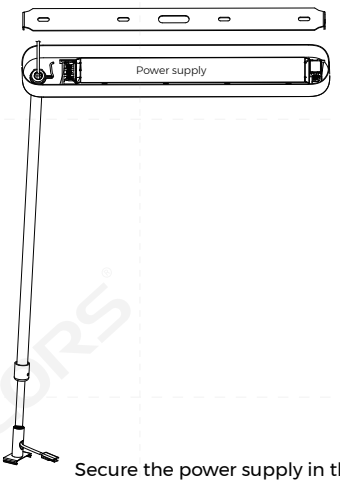
Screw the top of the suspension rod into the power box

❺



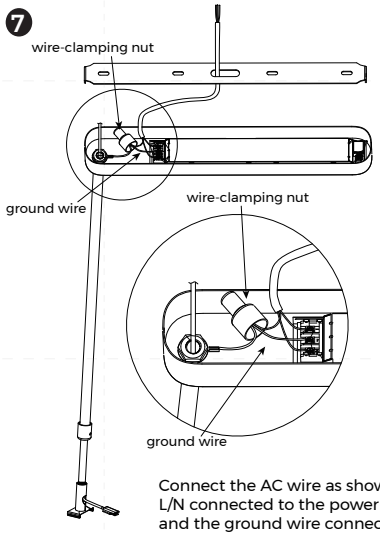
Secure the power supply by attaching 3M tape to the bottom.

❻



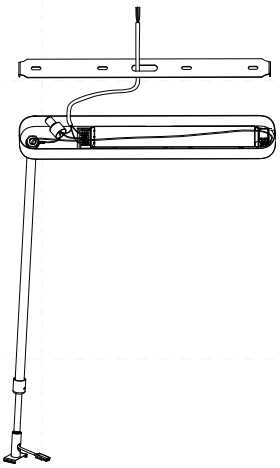
Secure the power supply in the appropriate position inside the power supply box.

7



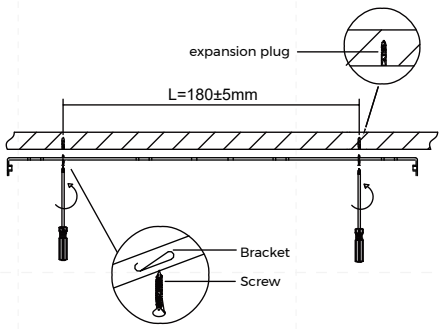
Connect the AC wire as shown in the diagram,
L/N connected to the power supply input terminal
and the ground wire connected as shown in the diagram.

8



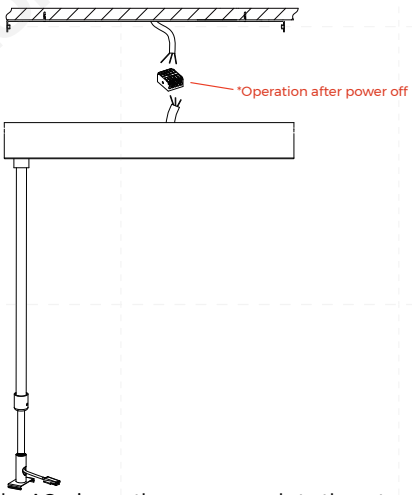
Connect the input wire to the power supply output terminal (LED+/-),
with the transparent wire connected to LED+ and the exposed wire
connected to LED-

9



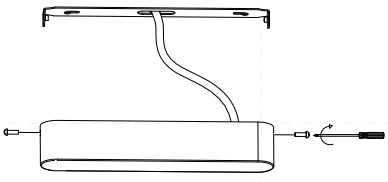
Use screws to secure the power supply box bracket to the ceiling

10



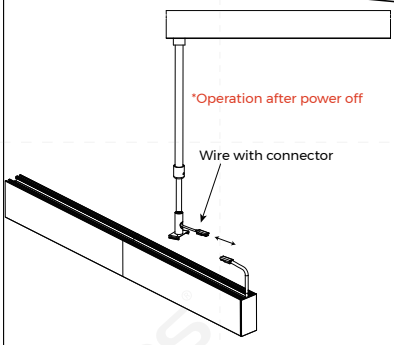
Connect the AC wire on the power supply to the external AC wire by
the 5-pin connector terminal

11



Use the bracket screws to secure the power supply box to the bracket
from both sides of the power supply box.

11

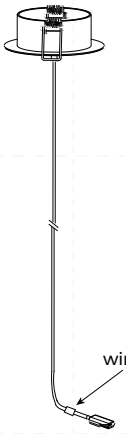


Connect the terminal at the bottom of the input cable to
the terminal on the module to enable power supply.

Ceiling Plate(With Steel Wire Rope)

1. Installation

❶

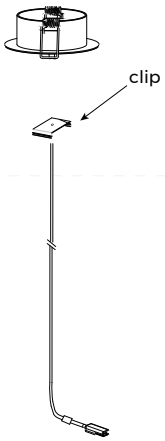


Requires the following accessories for use

Clips	CP-XX	
Power supply	XXXX	

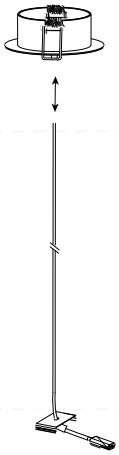
wire-clamping nut

❷



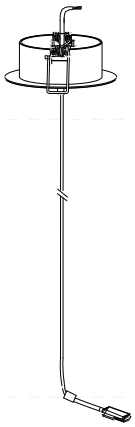
Remove the input cable from the ceiling plate, then insert the clip into one end of the input cable.

❸

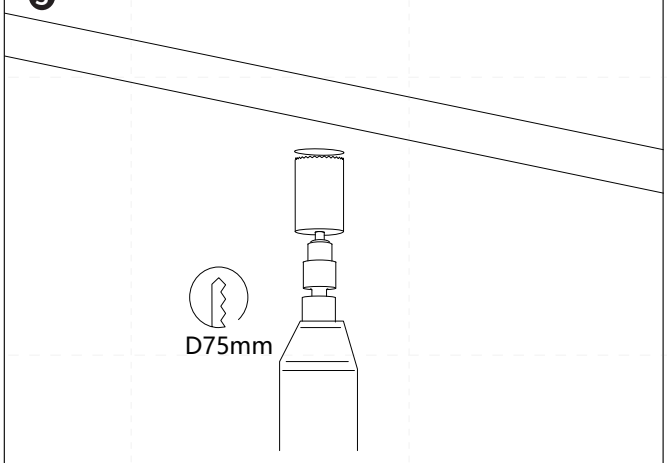


Insert the input cable into the cable lock of the ceiling plate

❹

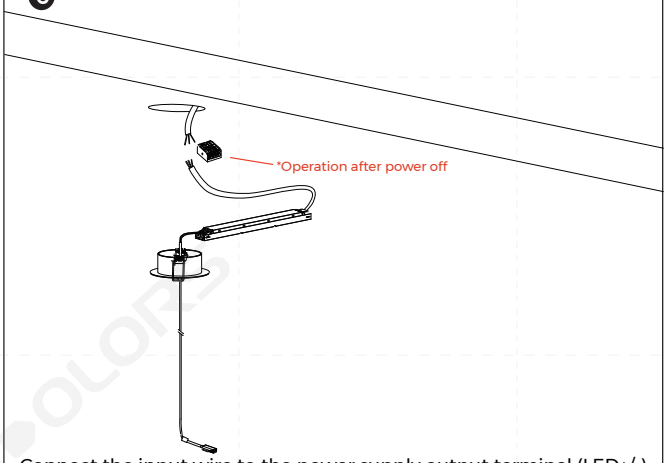


❺



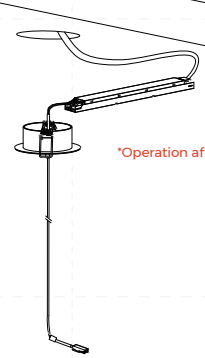
Use a hole saw to cut a hole in the ceiling

❻



Connect the input wire to the power supply output terminal (LED+/-), with the transparent wire connected to LED+ and the exposed wire connected to LED-

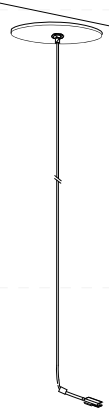
7



*Operation after power off

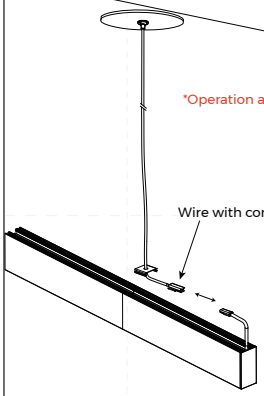
Insert the connected terminal and power supply through the hole in the ceiling, then clip the spring clips on the ceiling plate into the hole

8



*Operation after power off

9



*Operation after power off

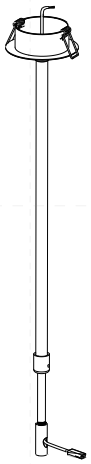
Wire with connector

Connect the terminal at the bottom of the input cable to the terminal on the module to enable power supply.

Ceiling Plate(With Rod)

1. Installation

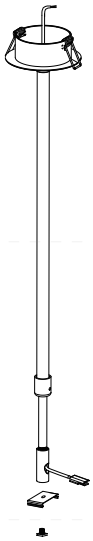
❶



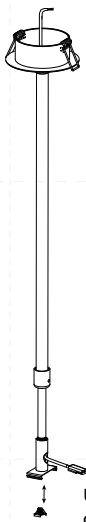
Requires the following accessories for use

Clips	CP-XX	
Power supply	XXXX	

❷

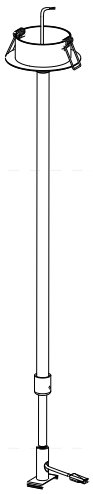


❸

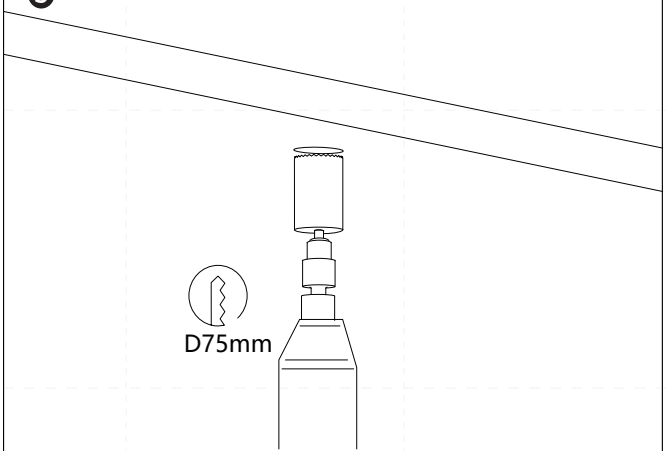


Use square screw to secure the clip to the bottom of the suspension rod

❹

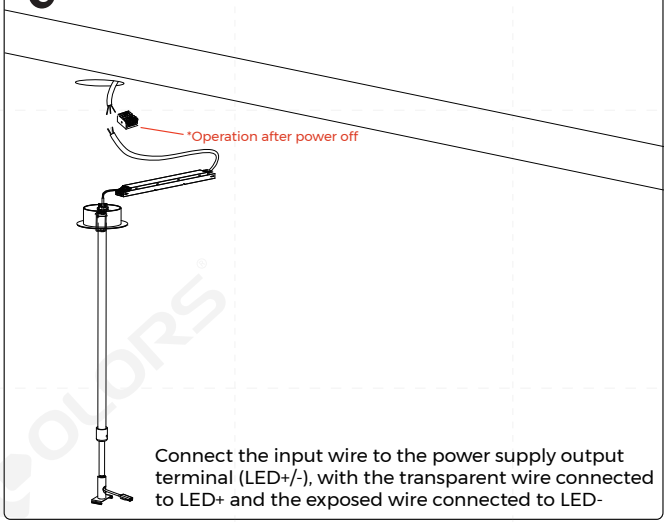


❺



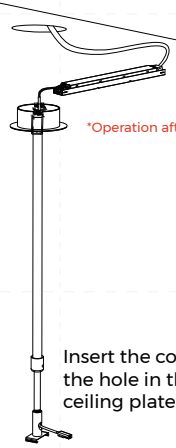
Use a hole saw to cut a hole in the ceiling

❻



Connect the input wire to the power supply output terminal (LED+/-), with the transparent wire connected to LED+ and the exposed wire connected to LED-

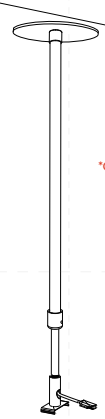
7



*Operation after power off

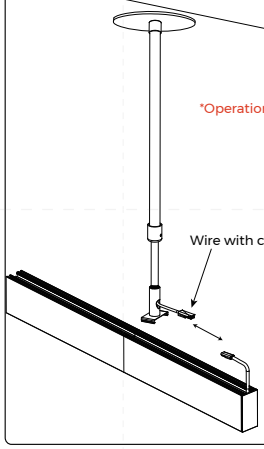
Insert the connected terminal and power supply through the hole in the ceiling, then clip the spring clips on the ceiling plate into the hole

8



*Operation after power off

9



*Operation after power off

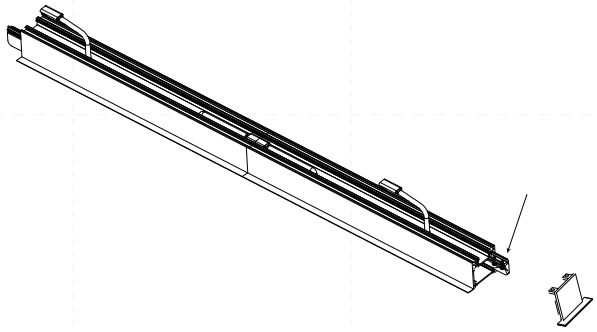
Wire with connector

Connect the terminal at the bottom of the input cable to the terminal on the module to enable power supply.

Recessed

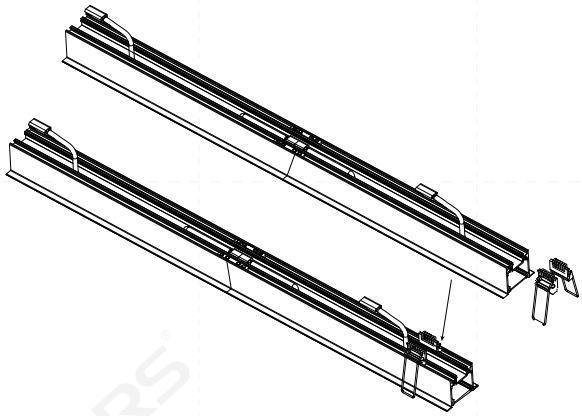
1. Installation

❶



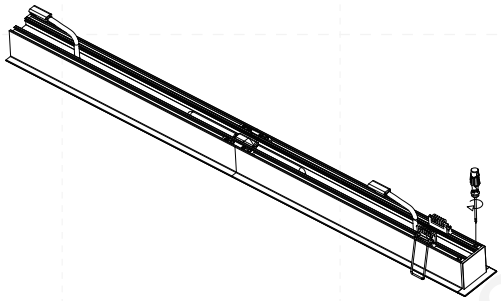
Remove the connecting strip at the end of the module.

❷



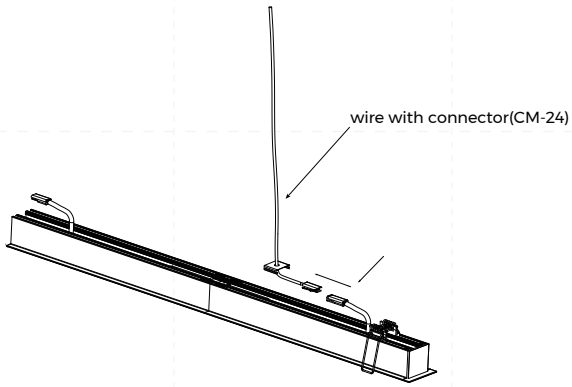
Insert the spring clip into the groove on the back of the module, then tighten the screw to secure it.

❸



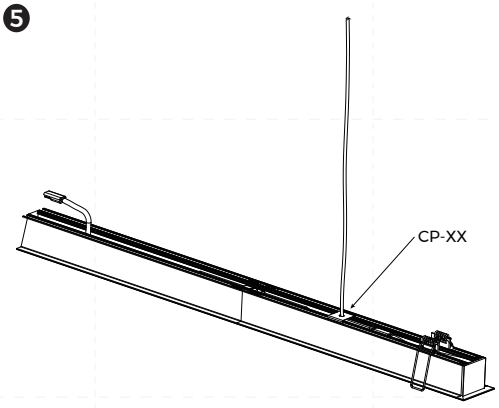
Install the end cap on the module, lock the screws

❹

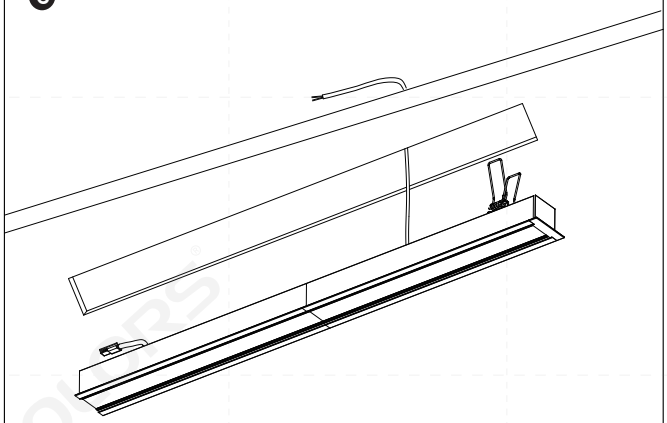


Connect the terminal wires requiring power to the input cable.

❺

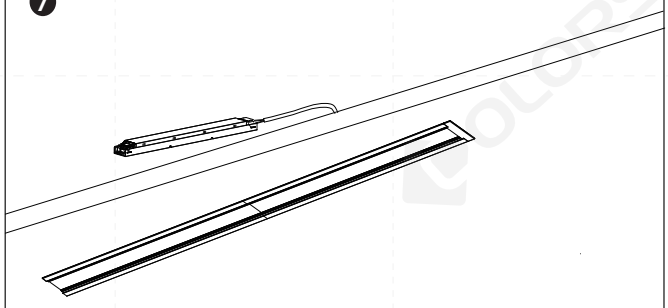


❻



As shown in the figure, insert the spring clip into the slotted hole.

❼

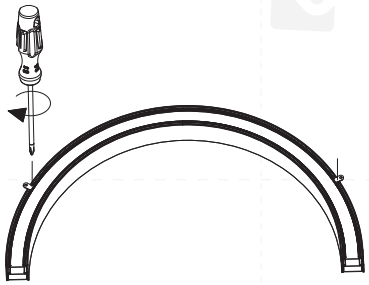


Connect the input cable to the power supply's output terminal.

Surface Mounted

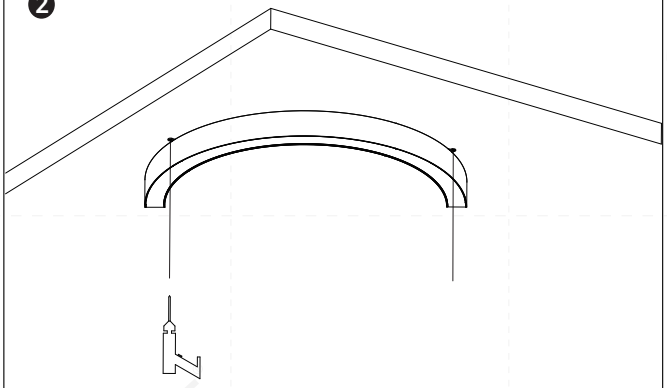
1. Installation

❶



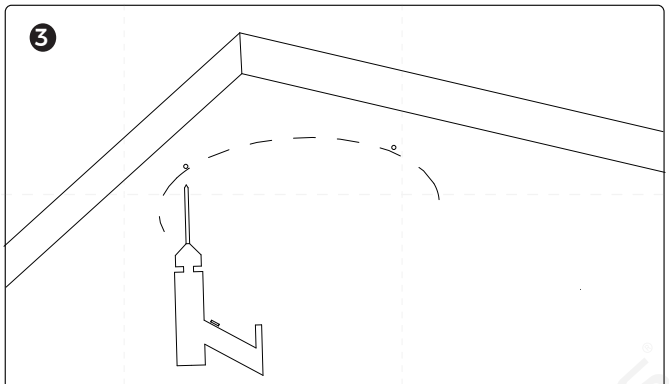
On the back of the module, pick the right position and fit the ceiling fittings(CL-28)

❷



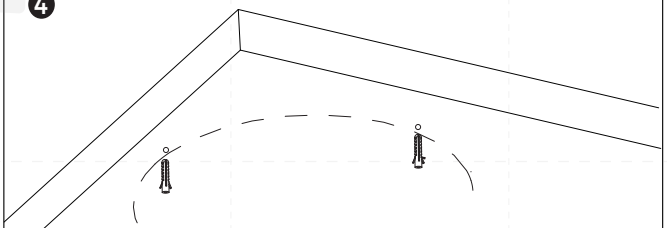
Place the module with the ceiling fittings on the ceiling and mark the ceiling with the tool

❸



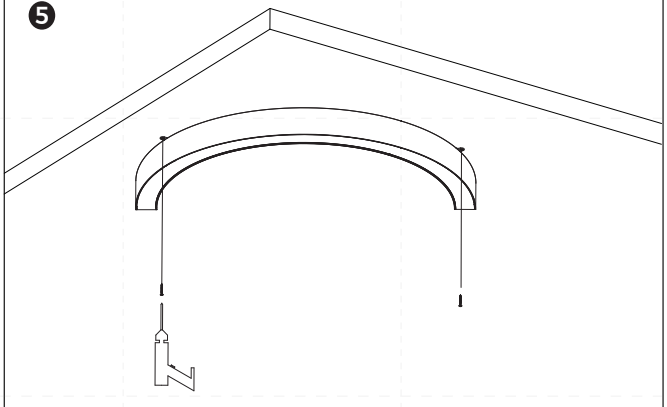
Drill the holes with the tool according to the marked marks

❹



Drive the expansion plug into the hole

❺



Place the module on the ceiling, align the holes and drive in the screws to fix it.

Non-Directional Terminal Design

Non-directional terminal design that simplifies and enhances the efficiency of electrical connections between modules.

① Calculated Molding Current

Model Total Current

1A+0.5A+0.5A+0.5A+1A=3.5A

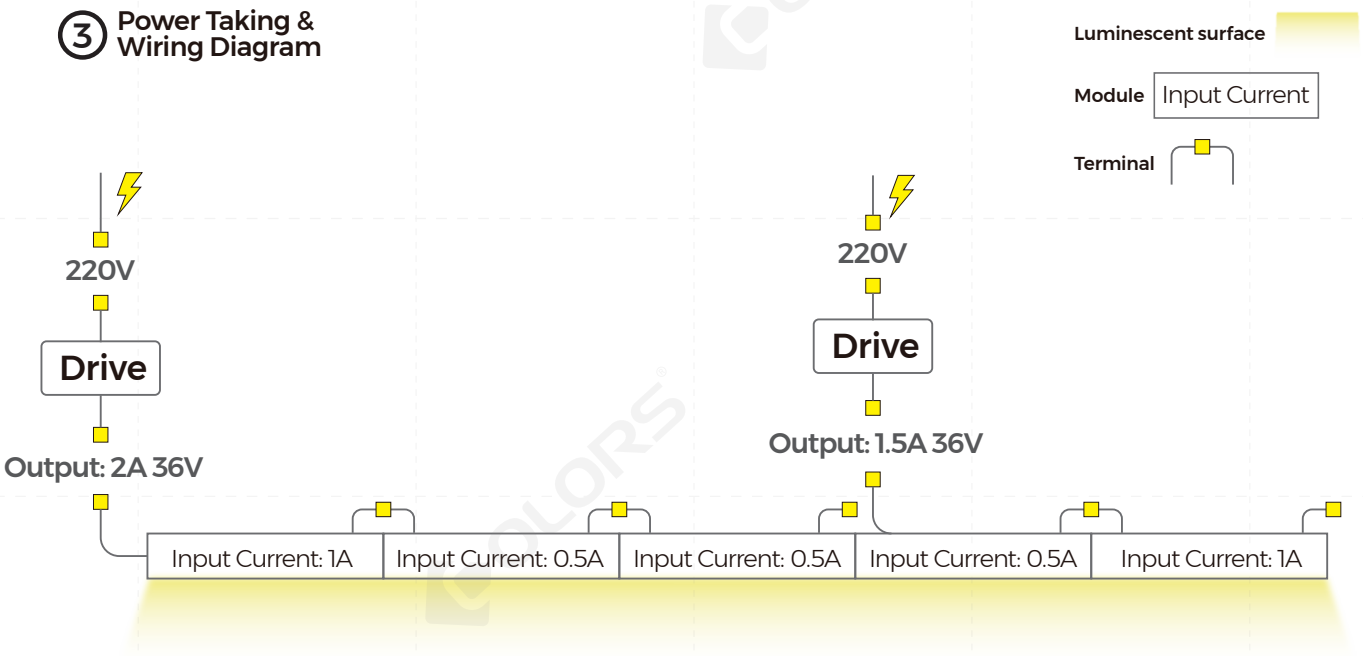
2A | **1.5A**

② Select Power Supply

Drive

Output: 2A & 1.5A

③ Power Taking & Wiring Diagram



MAX CURRENT: 2A

The total current of the design should be consistent with the output current of the power supply

NOTE:

Please select the appropriate power supply according to the overall shape and the current of the module