



# SOLLUX SKYLIGHTING

BY LIGHTCORE

**USER MANUAL**

**SOL-1212**

BRING THE OUTSIDE IN

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## 1. Safe Information

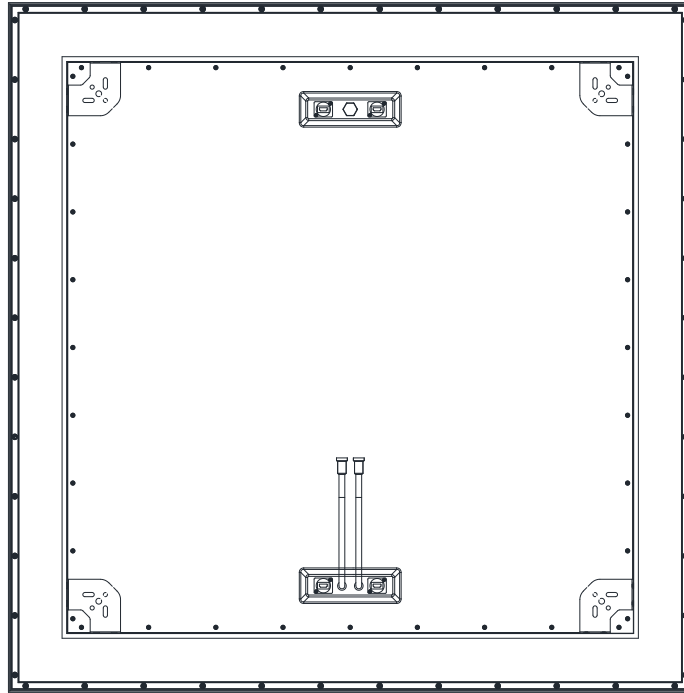
- Disconnect from the power source before setting up or moving;
- SOL requirements voltage: 90-277V~, 50Hz/60Hz;
- The wall switch of lamps adopts zero-fire wire power supply mode;
- Indoor use, working temperature: -20°C-40°C;
- Ensure reliable grounding of SOL;
- IP20, do not used SOL in very humid environment;
- Make sure the installation location can bear enough weight;
- SOL needs to be installed in a well-ventilated place;
- When moving, mounting SOL, do not apply force on the front tempered glass.

## 2. Maintenance Mode

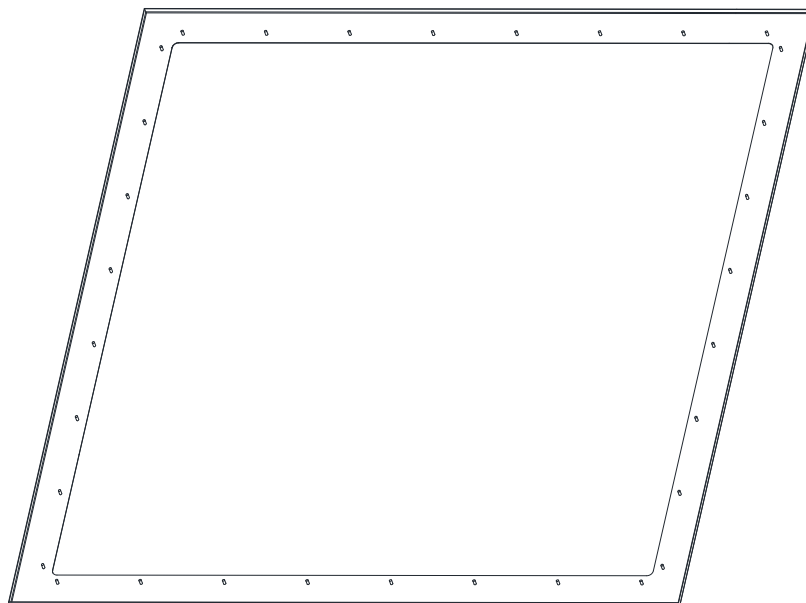
- If SOL fails to light up normally, you need to call the service phone to notify the manufacturer, and you cannot repair it yourself;
- SOL maintenance needs to be negotiated with the manufacturer and cannot be replaced by non-manufacturer personnel.

### 3. Packing List

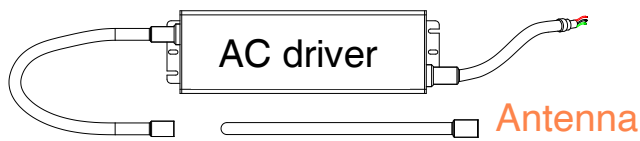
#### SOL body package



SOL x1



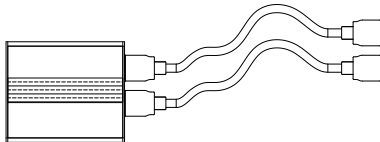
Front frame 31#x1



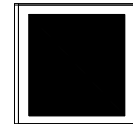
ACdriver×1



Control driver×1



Video Player ×1

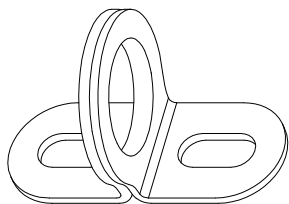


Control panel ×1 (optional)

\*Choose different control methods (such as control panel, gateway or DALI), match different control accessories, and refer to the actual product for details

This package is only for use with a chain hoist and does not require regular installation

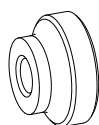
Steel chains ×2



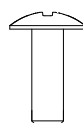
Strong hook 01# ×1



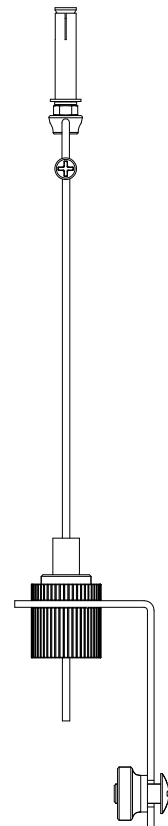
M8 expansion bolt ×2



M5 hand twist nut×4

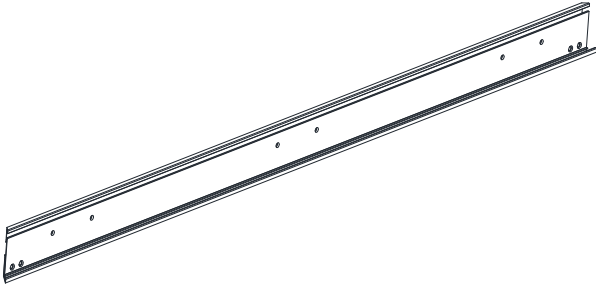


PM5\*12 ×4

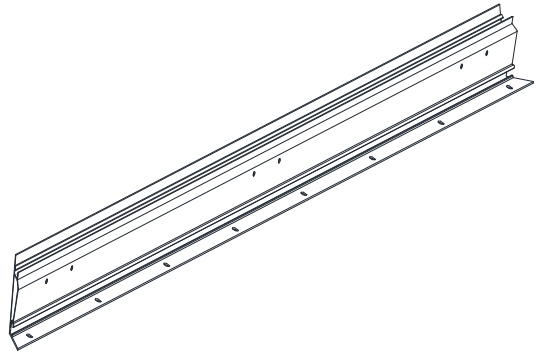


Steel chains assembly ×4

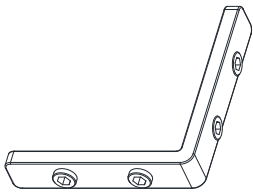
## Frame package



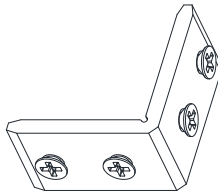
Fixed profile 31#x4



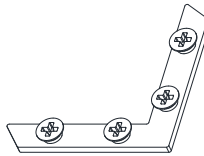
Reinforced profile 02#x4



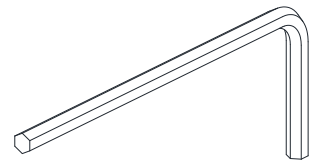
1503-corner bracket x4



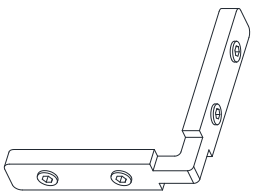
03-corner bracket 21# x4



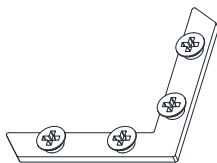
90°corner bracket x4



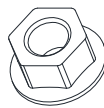
Allen key (wire diameter 3.0)x1



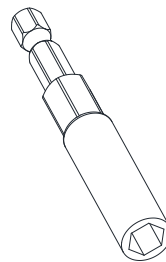
20-corner bracket x4



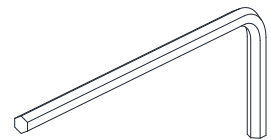
90°corner bracketx4



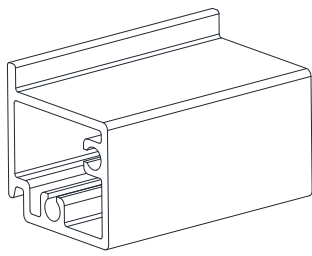
M4 flange nutx32



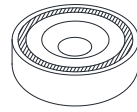
Hex wrench barrelx1



Allen key x1  
(wire diameter 2.0)



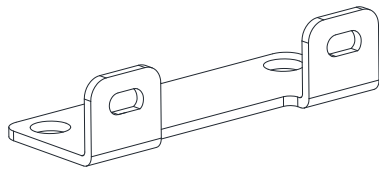
Magnetic bracket×4



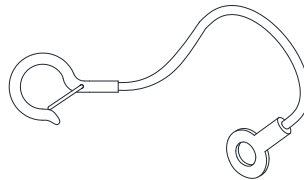
D25 magnet ×4



KA5\*12×4



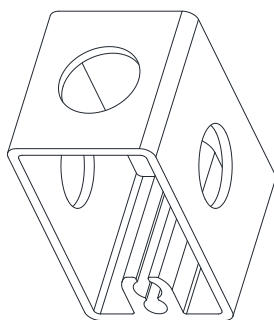
Magnetic corner bracket×4



Safety rope ×4



PA4\*6×4



Splicing

accessory×2 Used  
when multi-SOL



PM6\*16 ×4

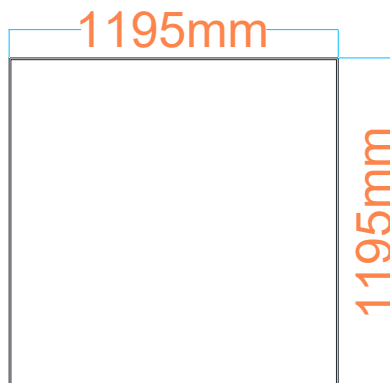
## 4. Installation Steps

Roof

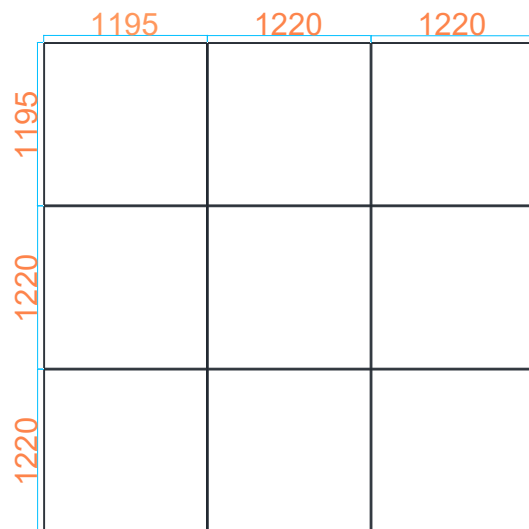


$\geq 200\text{mm}$

Ceiling



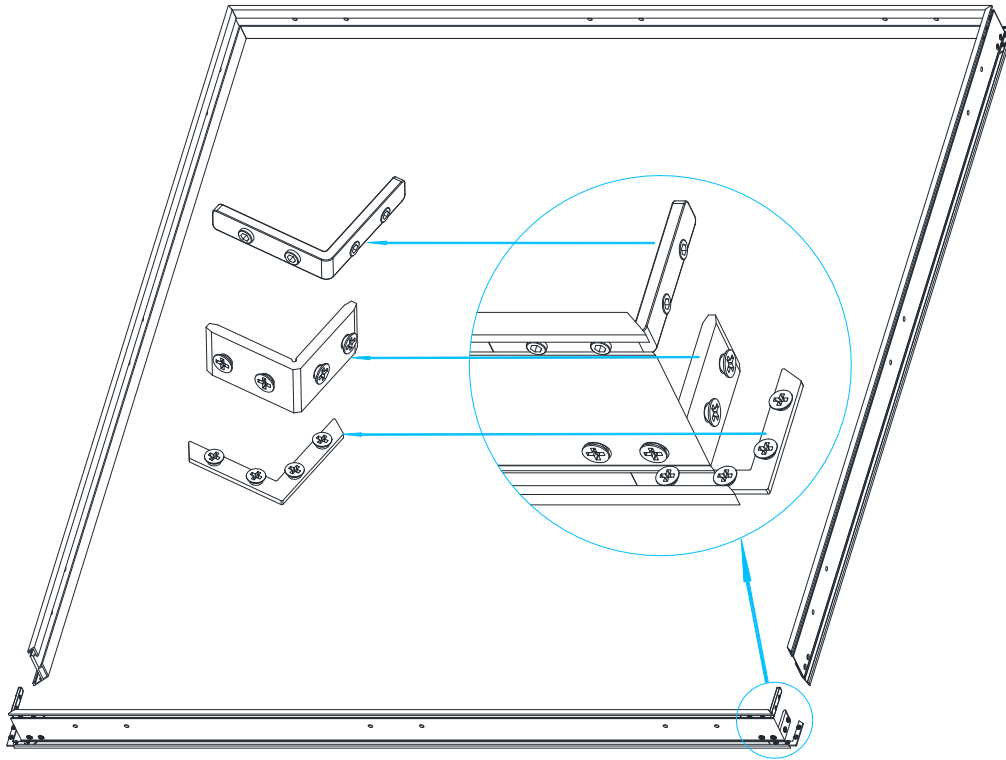
one



nine

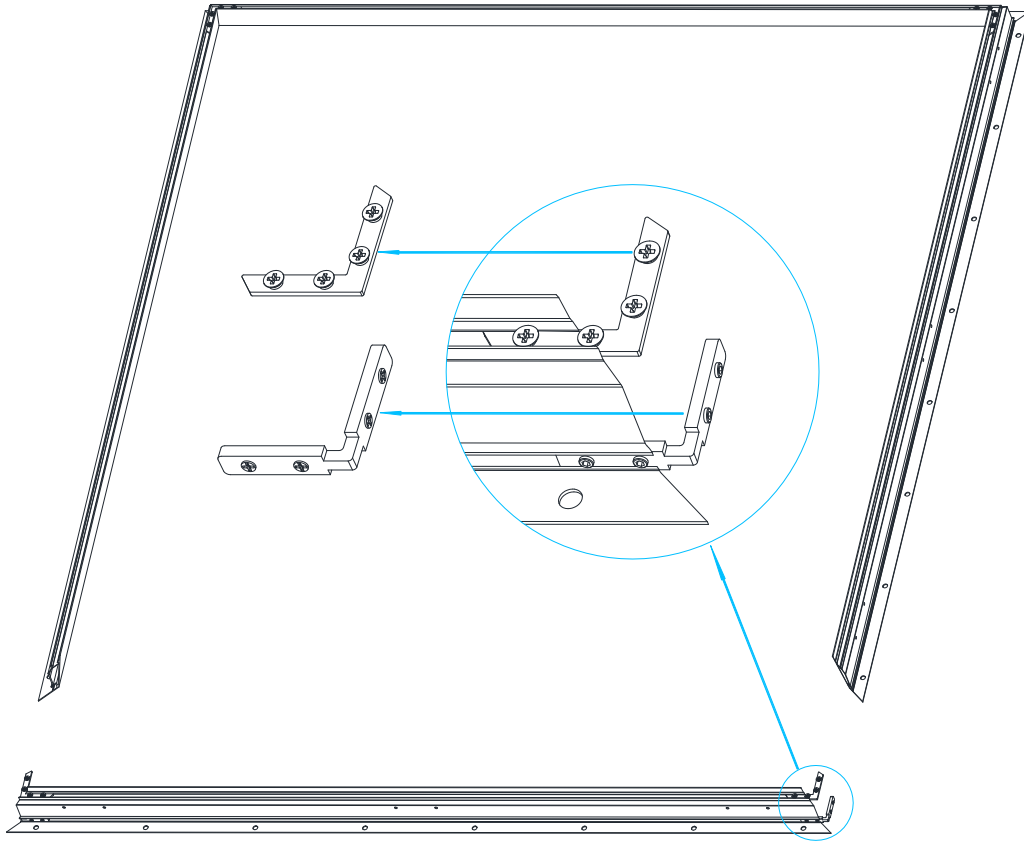
### 4.1 Open hole

- Ceiling to roof distance:  $\geq 200\text{mm}$   
One SOL dimension:  $1195 \times 1195\text{mm}$  ( $\geq 1195 \times 1195\text{mm}$ )
- Two SOLs dimension:  $1195 \times (1195 + 1220)\text{mm}$
- For each additional SOL, the length and width increase by  $1220\text{mm}$



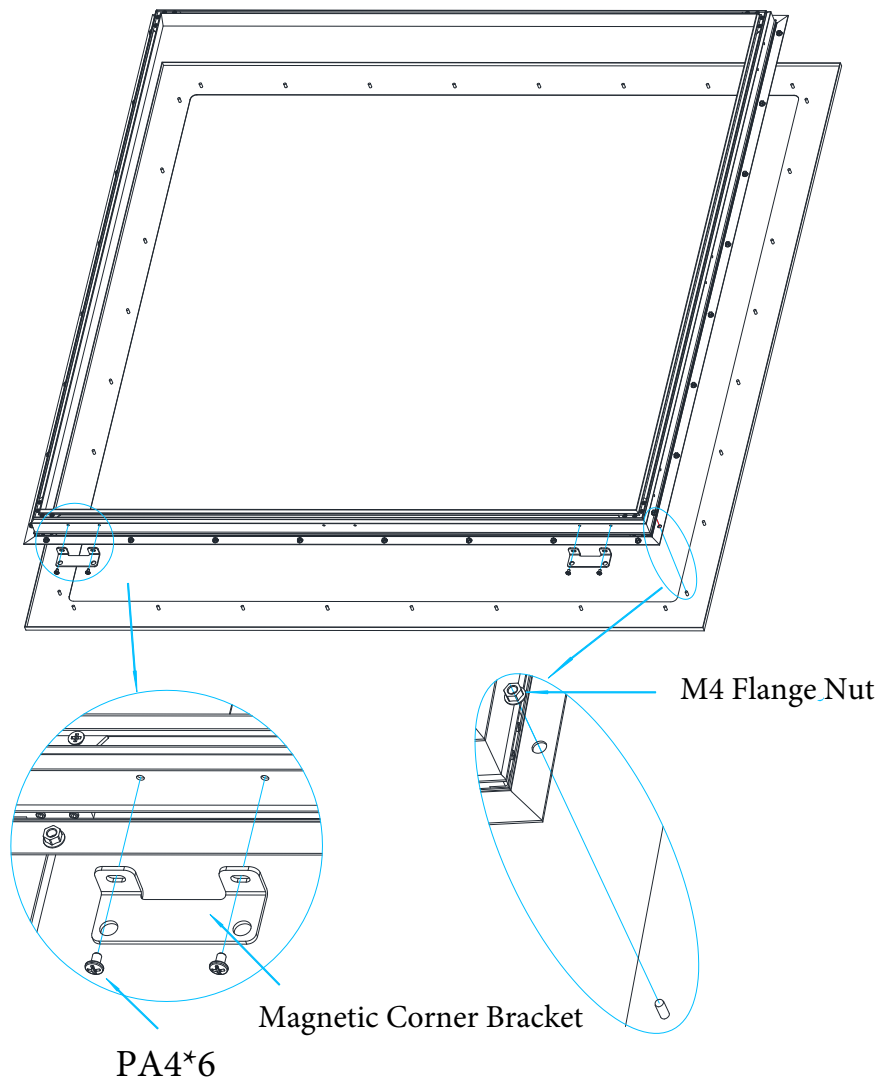
## 4.2 Splicing holding frame

- Frame package: ①fixed profile 31# ×4  
• 1503-corner bracket ×4 ③03-corner bracket 21# ×4  
④90°corner bracket ×4⑤Allen key (wire diameter 3.0) ×1
- The fixing frame is spliced with the above accessories to ensure that the splicing gap is minimized
- Dimension: 1210\*1210\*68mm



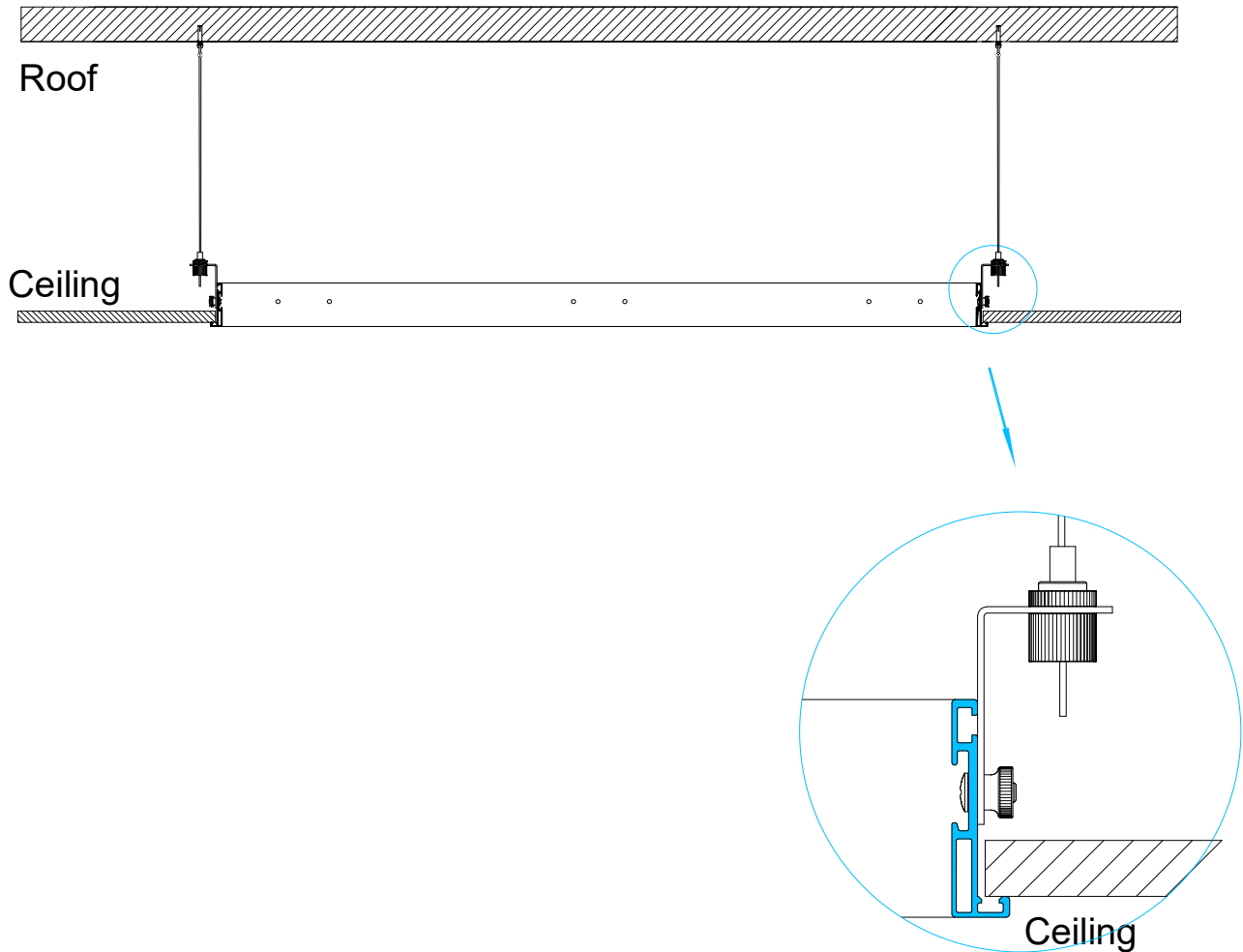
### 4.3 Splicing front frame

- Frame package
  - Reinforced profile 02# ×4②20-corner bracket ×4
  - ③90°corner bracket ×4④Allen key (wire diameter 2.0) ×1
- The fixing frame is spliced with the above accessories to ensure that the splicing gap is minimized



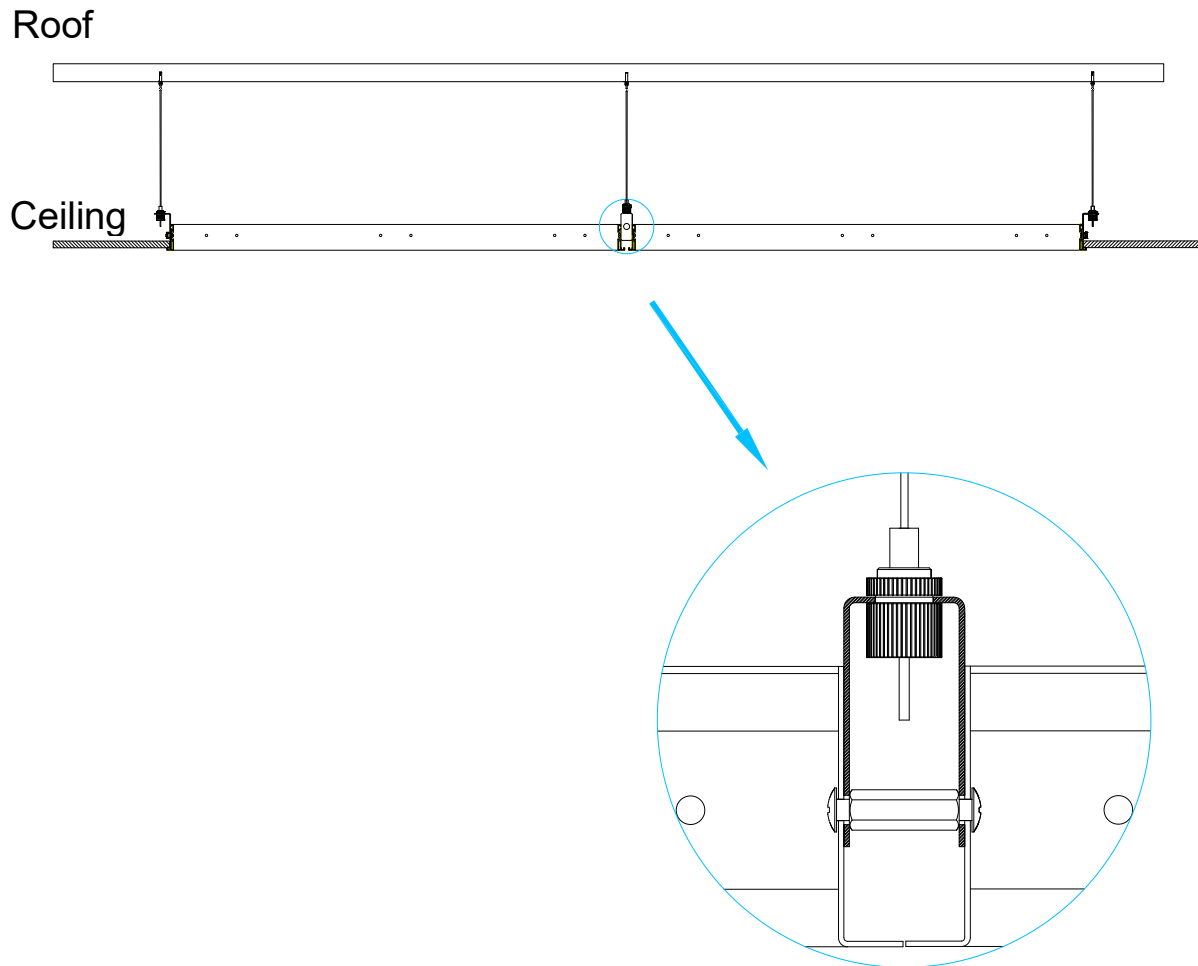
## 4.4 Assemble front frame

- Frame package:
  - M4 flange nut ×32②Hex wrench barrel×1
  - ③Magnetic corner bracket ×4④PA4\*6 ×8
- SOL body package: Front frame 31#×1
- Assemble the accessories from the previous step onto the front frame
- Dimension: 1220\*1220\*49.8mm



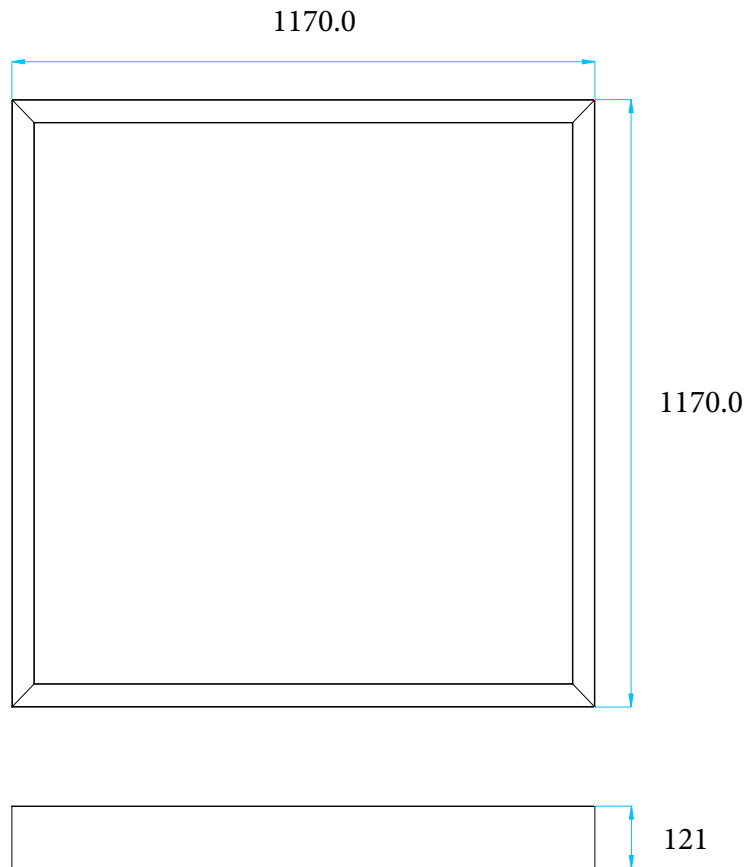
## 4.5 Install holding frame

- SOL body package: ①steel chains assembly ×4
- Install 4 sets of steel chains assemblies around holding frame
- Make sure steel chains assemblies are securely installed
- 10mm small hole to install steel chains assembly



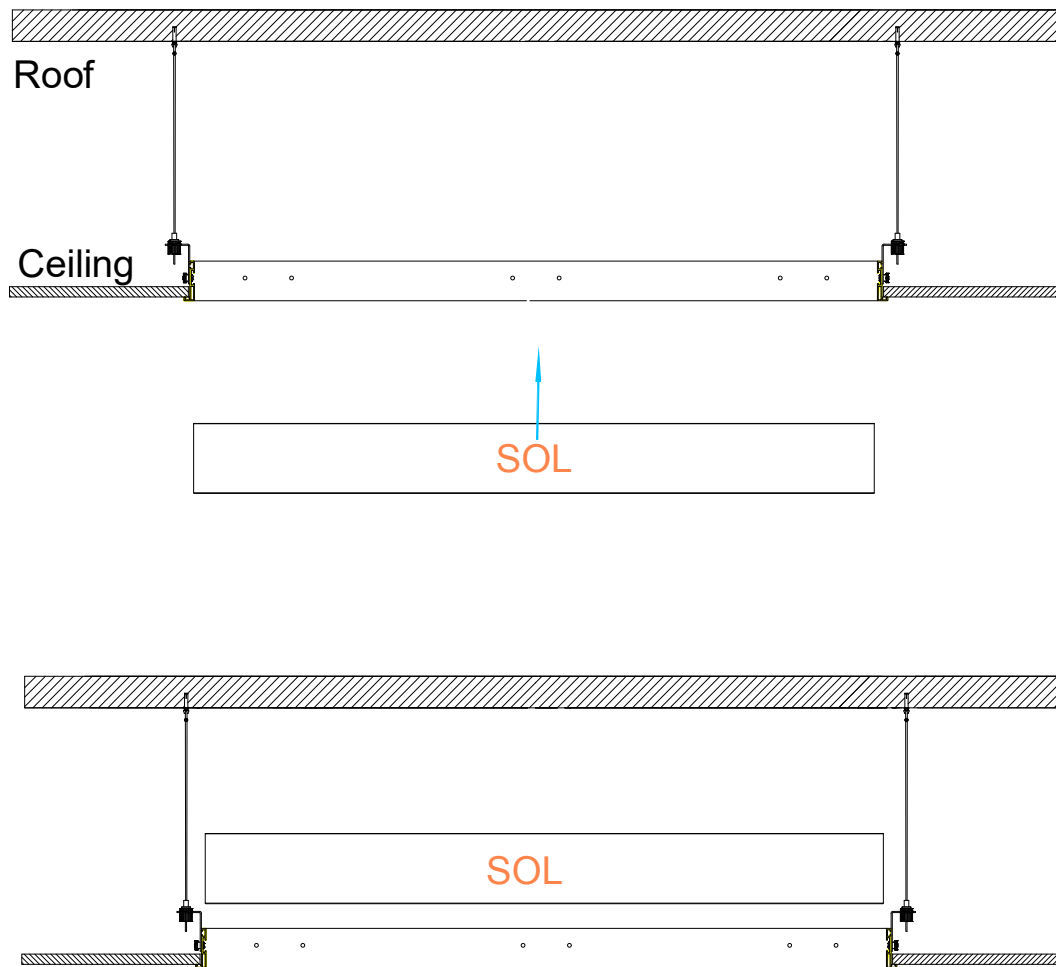
## 4.6 Install multiple SOLs

- Frame package: ① Splicing accessory ×2
- Use splicing accessory to connect adjacent holding frames for hanging steel chains assembly
- This step is not required for one SOL



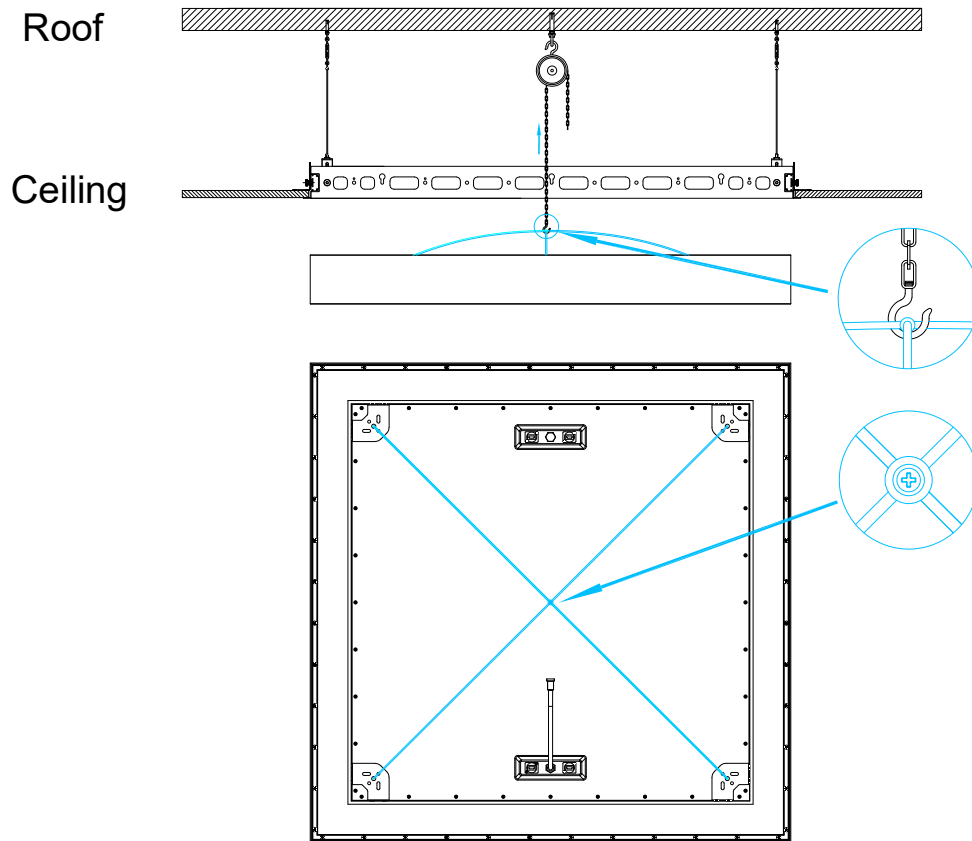
## 4.7 Install SOL

- SOL body package
  - SOL ×1 ②M8 expansion bolt ×2
  - ③Strong hook 01# ×1④PM5\*12 ×4
  - ⑤M5 hand twist nut ×4⑥Steel chains ×2
- Dimension: 1170\*1170\*121mm



## 4.8 Insert SOL

- Fully insert SOL into the holding frame
- Connect the circuit in advance



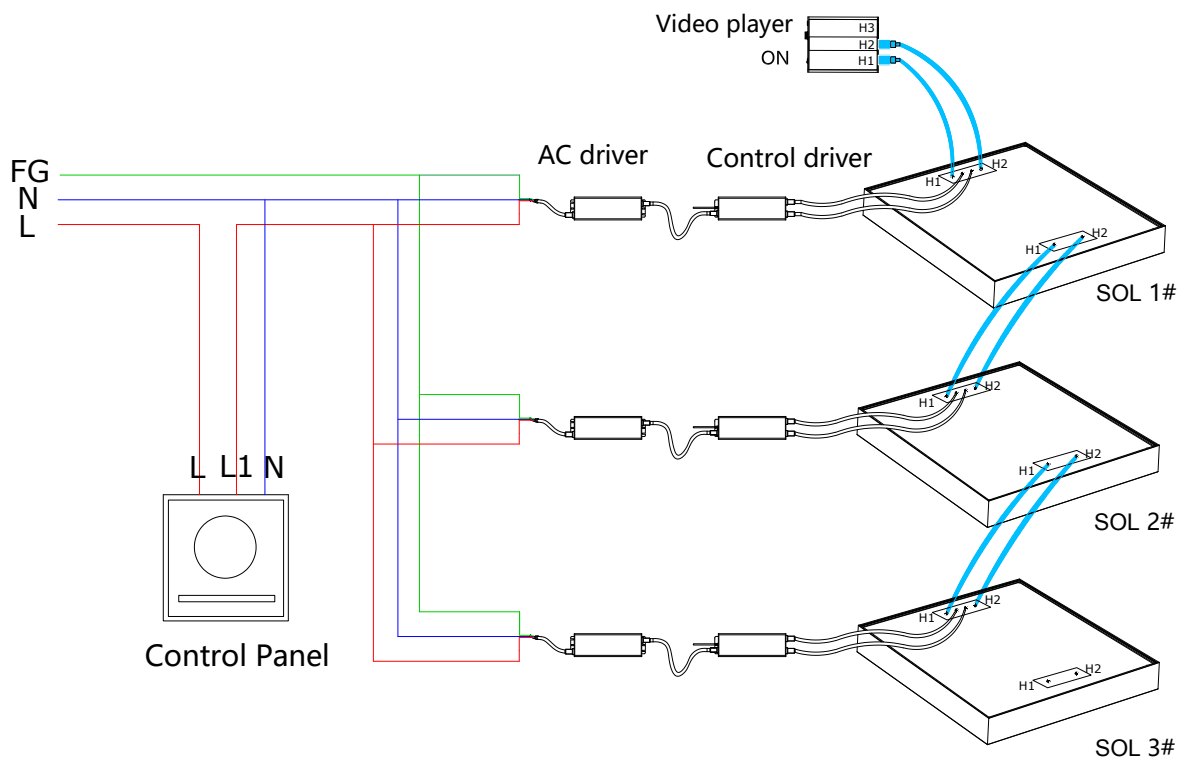
## Another installation method

- **Install Chain Hoist**
- Use 2 M8 expansion bolts to fix strong hook at the center of the roof
- Chain hoist is hanging on the strong hook
- Cross-fix steel chains on triangle mount 01# through steel chains hanger
- Chain hoist is hung at the intersection of the steel chains

## 4.9 Circuit diagram with control panel

### 4.9.1 Wireless mode for 1 to 3 SOLs

- Multiple SOLs must be placed in the same direction, that is, the head and tail are connected
- L1:control wire, L1 is connected to L of AC driver
- Control panel needs to be powered by L and N at the same time
- Antenna is connected to the control driver and erected
- The video player is connected to first SOL
- HDMI cables need to be HDMI2.0 version or above

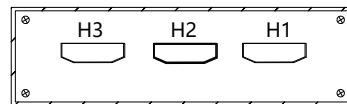


## Notes

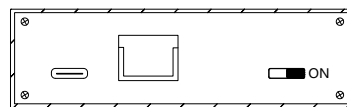
- L
- N
- FG
- HDMI cable
- Network cable

## Video Player

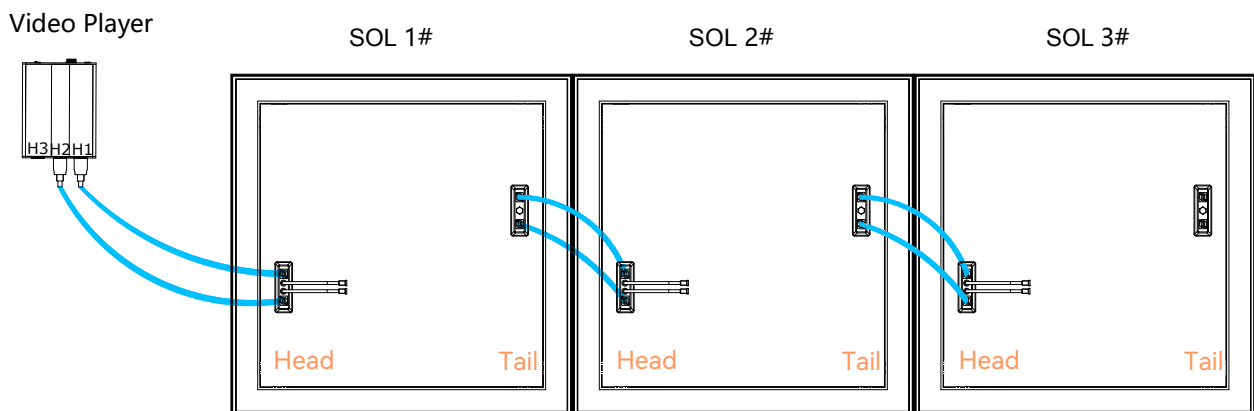
Left View



Right View



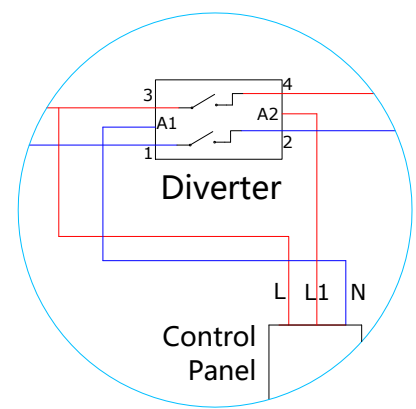
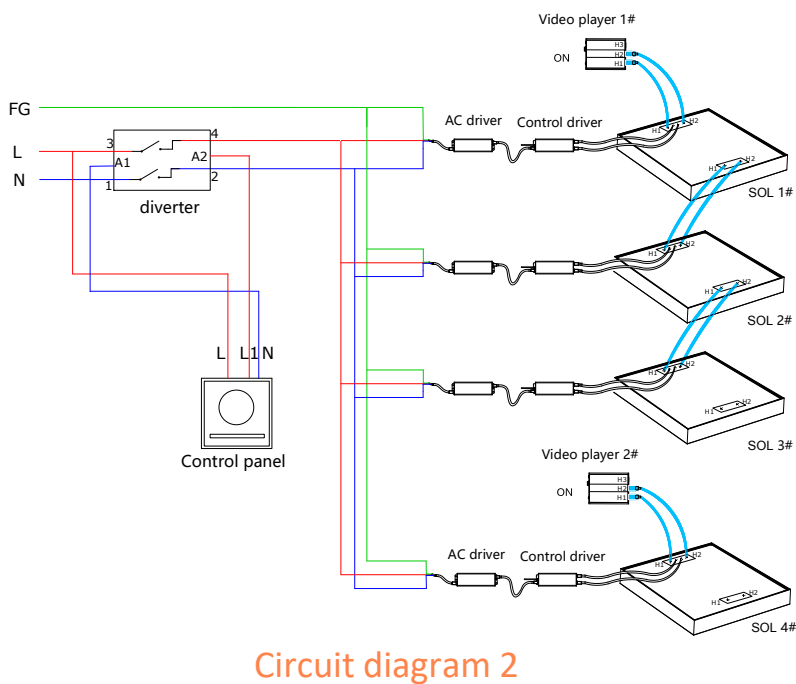
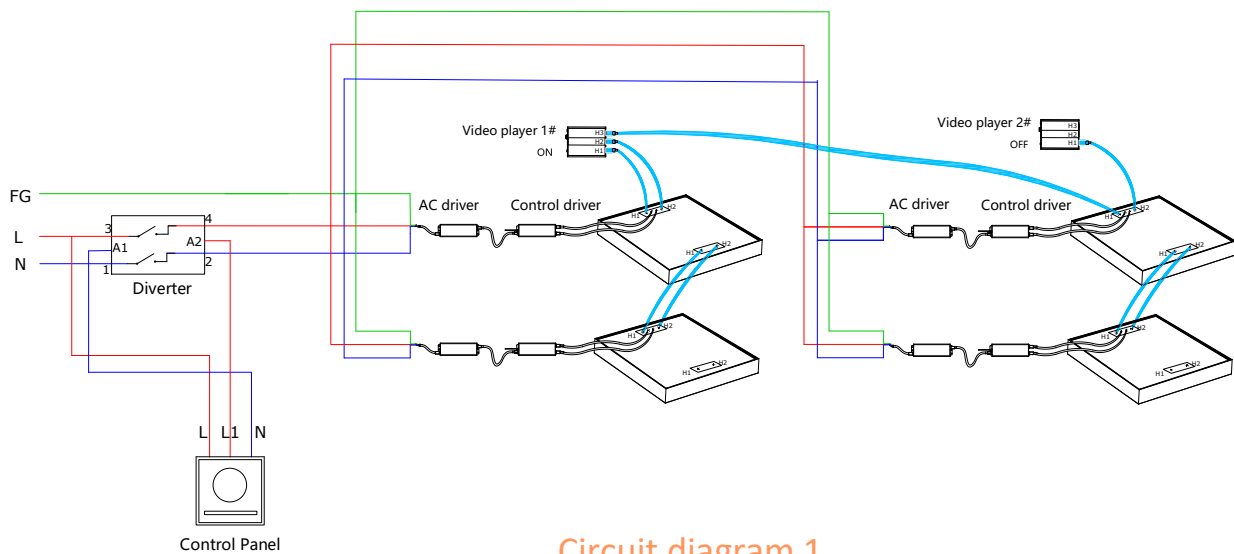
USB RJ-45 ON (master mode)  
OFF (slave mode)



Multiple SOLs must be placed in the same direction, that is, the head and tail are connected

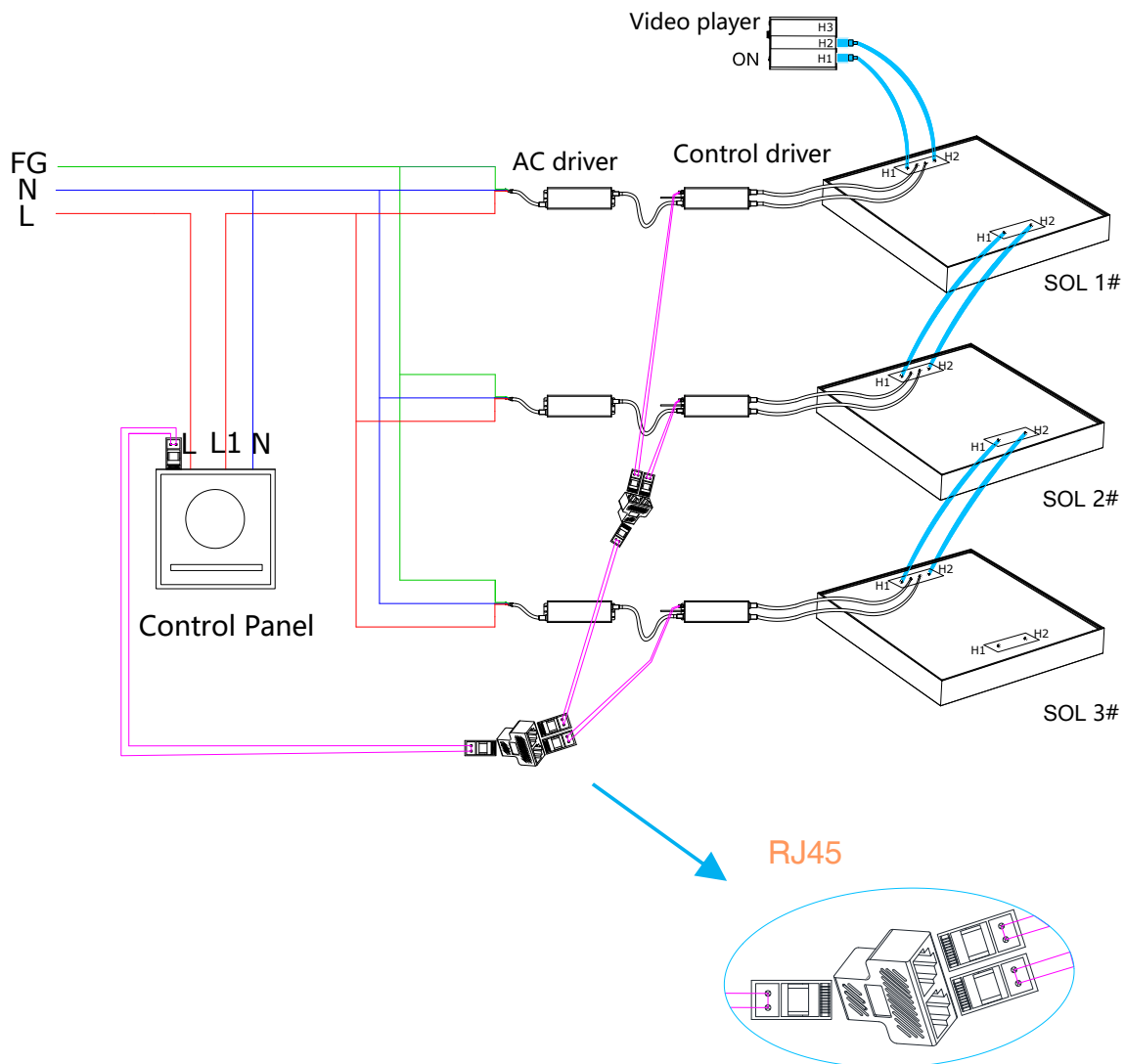
## 4.9.2 Wireless mode for 4 SOLs

- Need to connect a diverter, refer to details 1
- Need to connect two video players, refer to details 2
- For other details, please refer to the notes on page 16



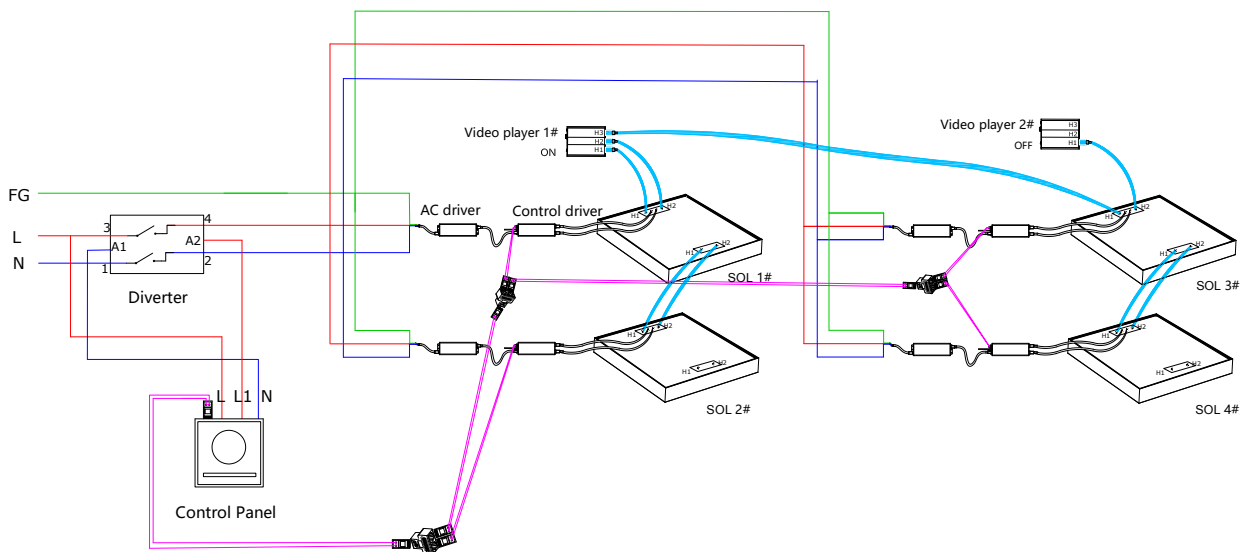
### 4.9.3 Wired mode for 1 to 3 SOLs

- Multiple SOLs must be placed in the same direction, that is, the head and tail are connected
- Control panel needs to be powered by L and N at the same time
- RJ45 connects control panel and control driver
- Antenna is connected to the control driver and erected
- The video player is connected to first SOL
- HDMI cables need to be HDMI2.0 version or above
- For other details, please refer to the notes on page 16

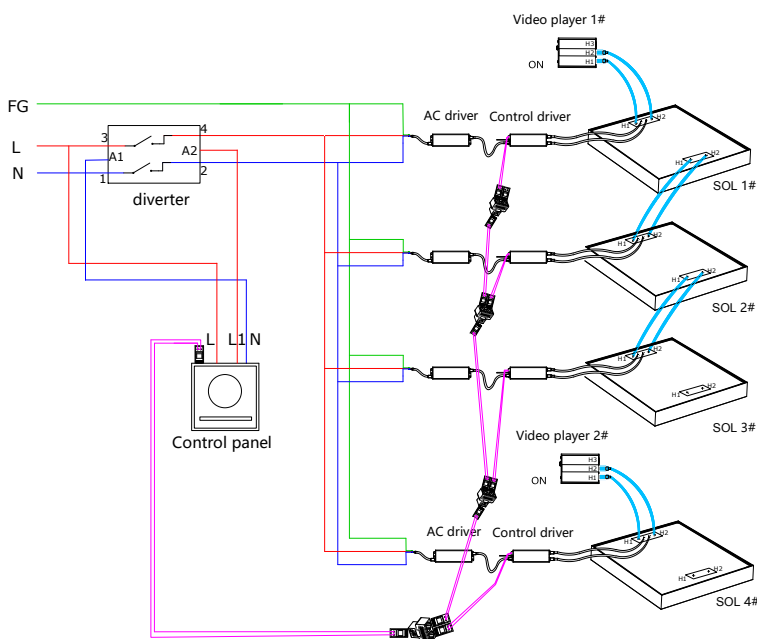


#### 4.9.4 Wired mode for 4 SOLs

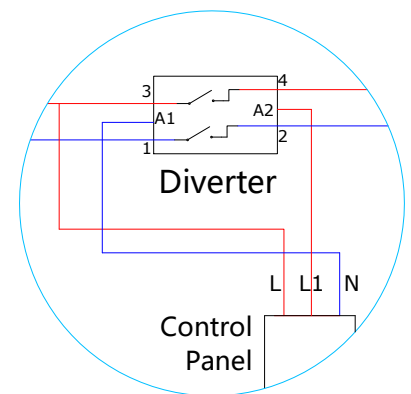
- Need to connect a diverter, refer to details 1
- Need to connect two video players, refer to details 2
- For other details, please refer to the notes on page 16



Circuit diagram 1



Circuit diagram 2

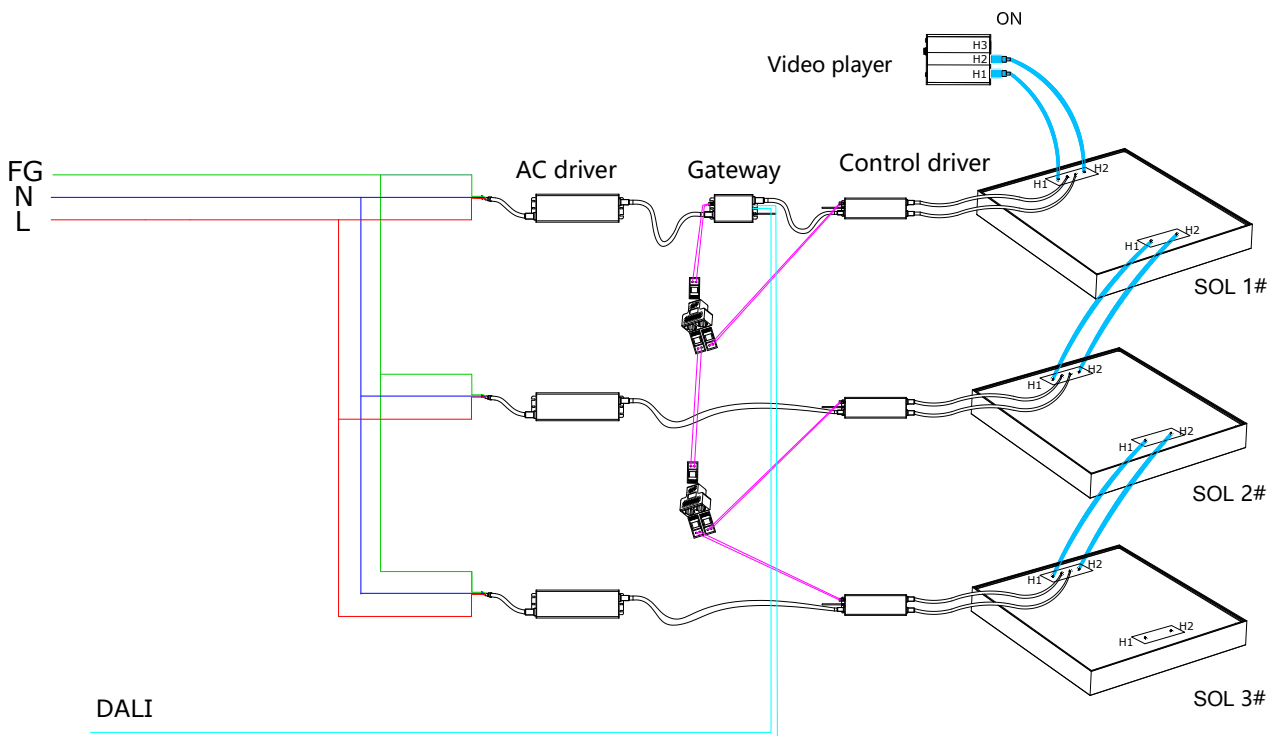


Details 1

## 4.10 Circuit diagram without control panel

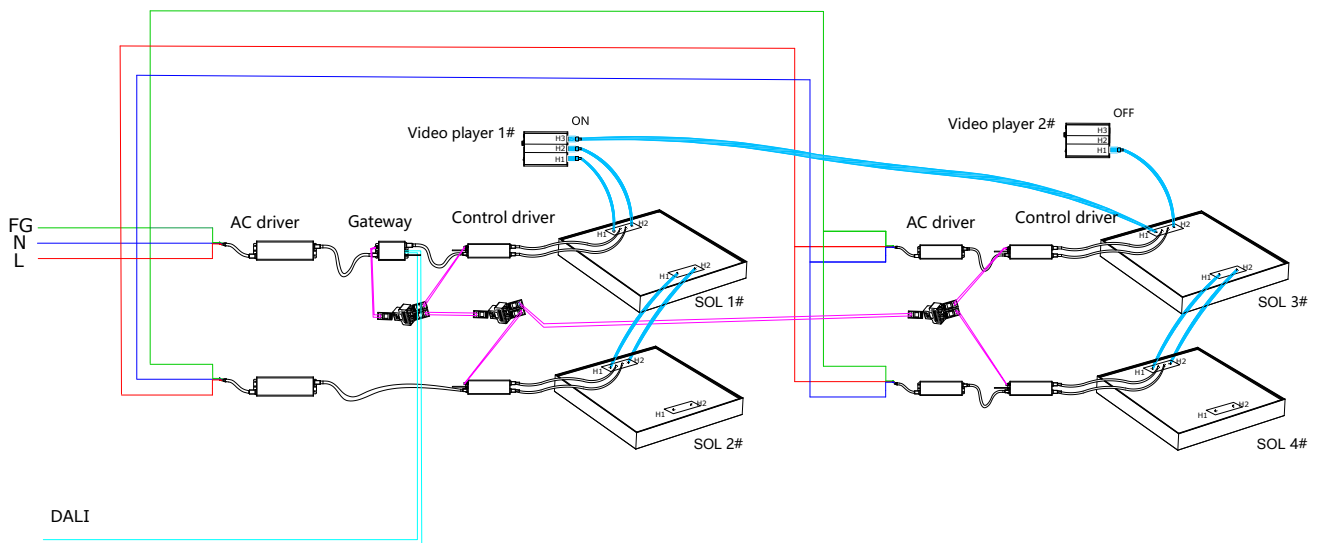
### 4.10.1 DALI mode for 1 to 3 SOLs

- Multiple SOLs must be placed in the same direction, that is, the head and tail are connected
- DALI mode must be connected to the gateway
- The DALI system and gateway are connected via DALI cable
- Connect the gateway to each control driver via network cables
- The video player is connected to first SOL
- HDMI cables need to be HDMI2.0 version or above
- For other details, please refer to the notes on page 16



#### 4.10.2 DALI mode for 4 SOLs

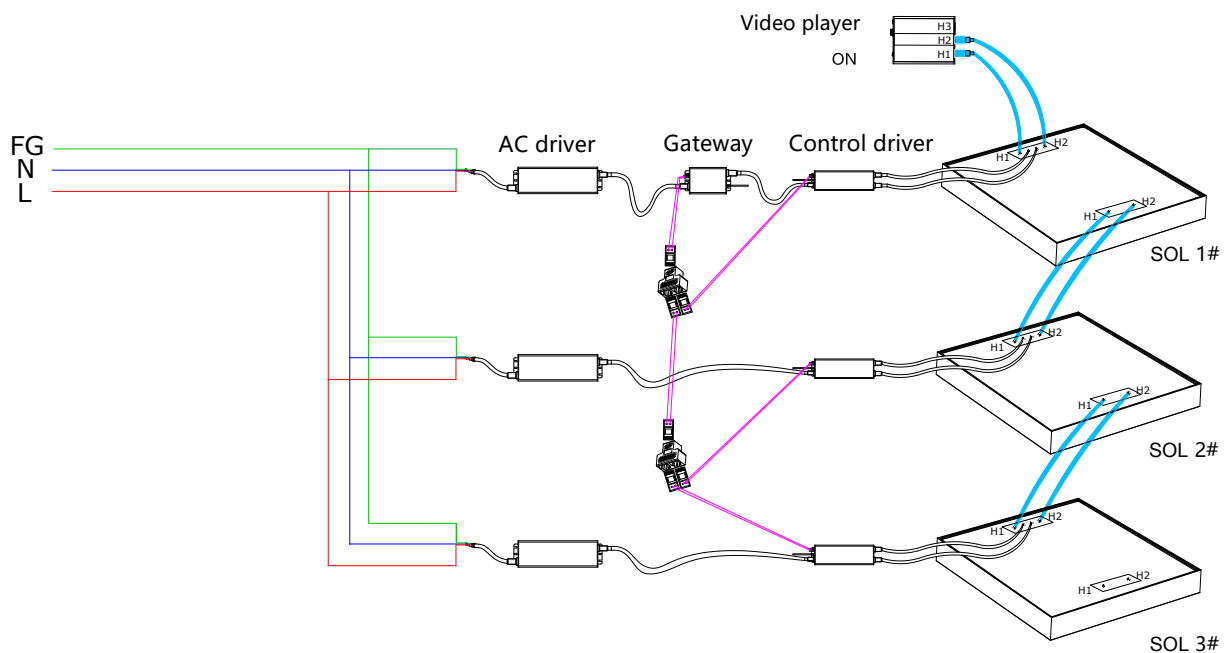
- Need to connect two video players, refer to details 1
- For other details, please refer to the notes on page 16



Circuit diagram

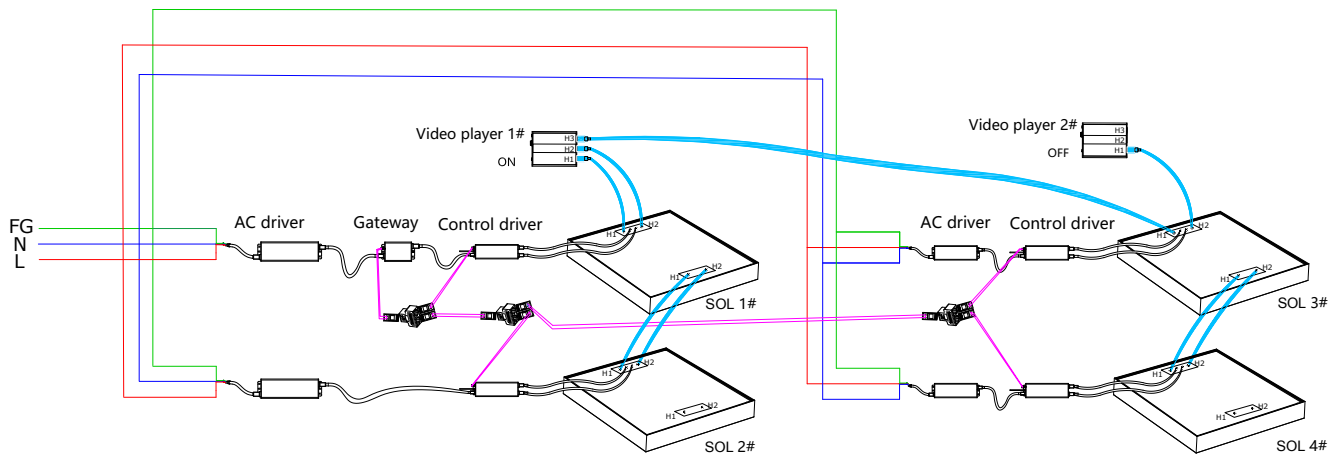
### 4.10.3 Gateway mode for 1 to 3 SOLs

- Multiple SOLs must be placed in the same direction, that is, the head and tail are connected
- Antennas are connected to the gateway & control driver and erected
- Connect the gateway to each control driver via network cables
- The video player is connected to first SOL
- HDMI cables need to be HDMI2.0 version or above
- For other details, please refer to the notes on page 16

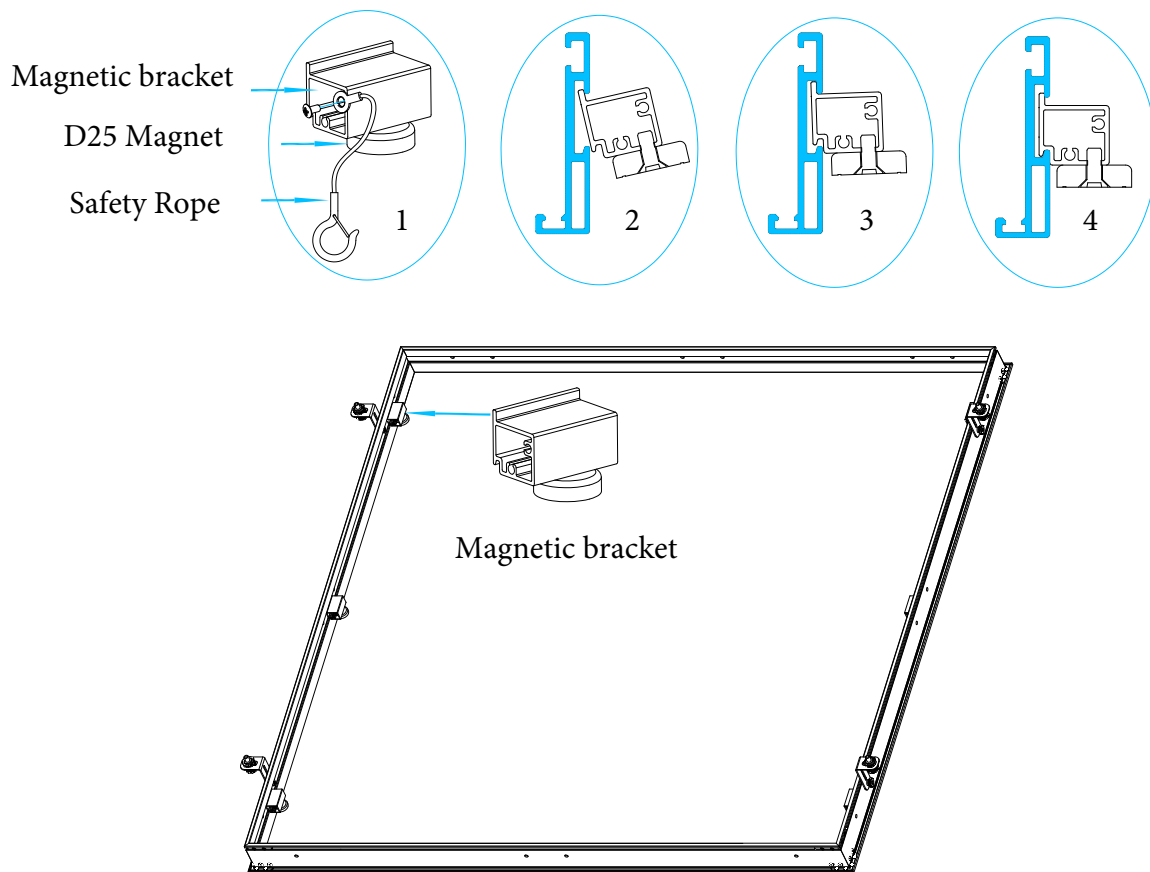


#### 4.10.4 Gateway mode for 4 SOLs

- Need to connect two video players, refer to details 1
- For other details, please refer to the notes on page 16

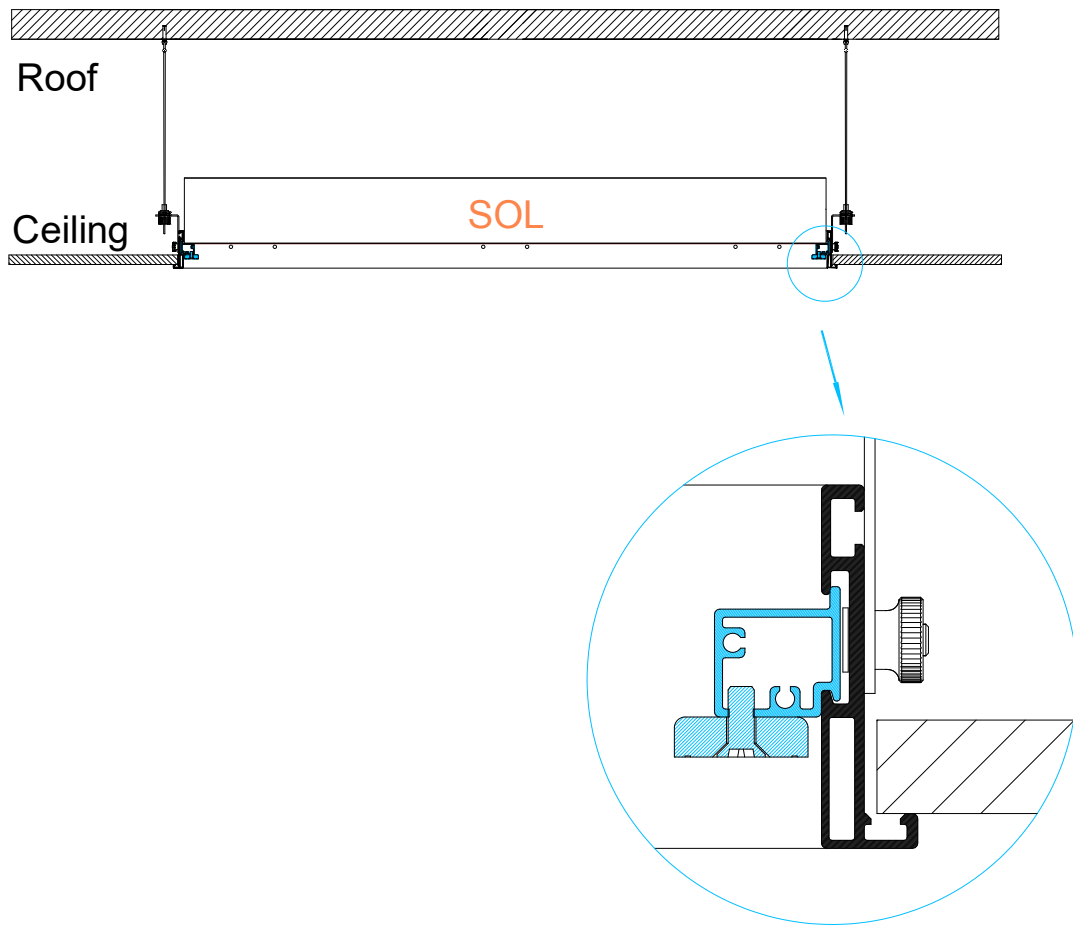


Circuit diagram



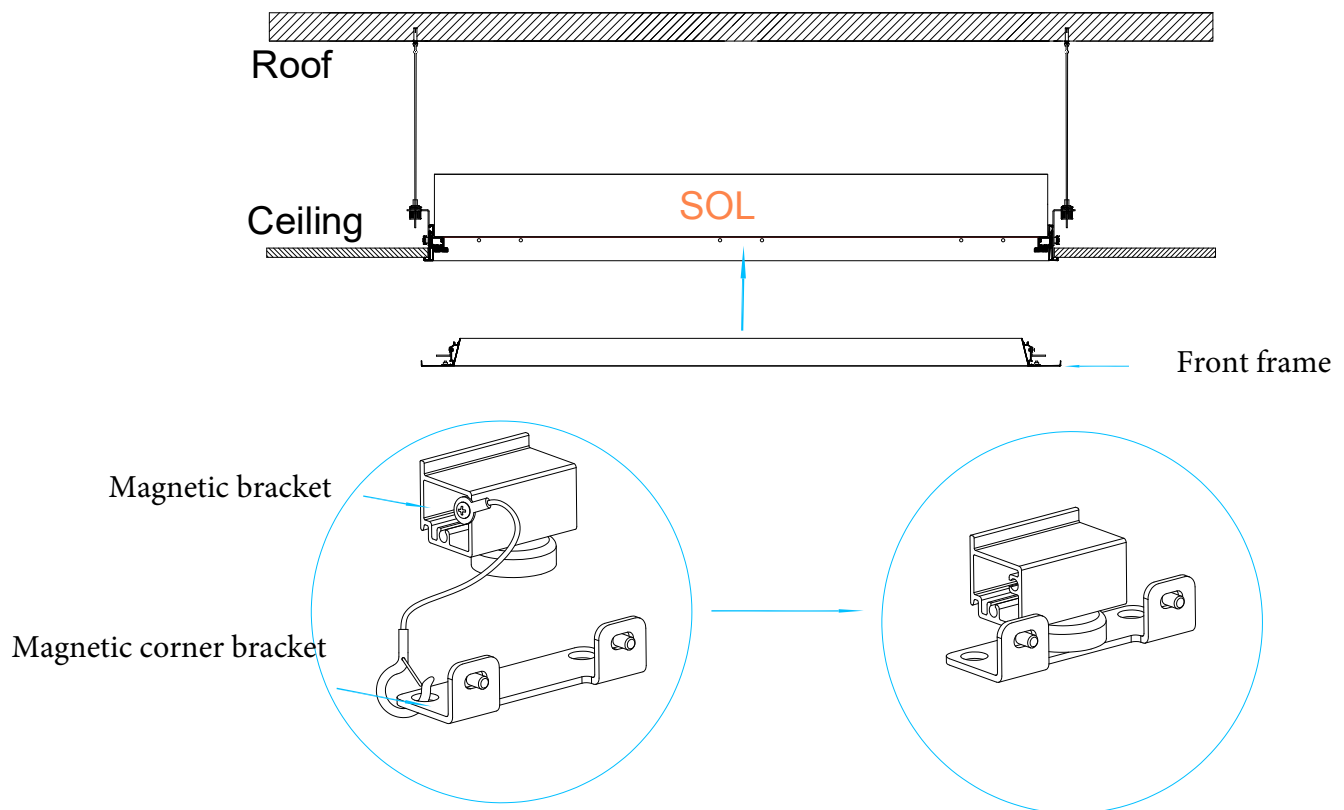
## 4.11 Install magnetic bracket

- Frame package:
  - ①Magnetic bracket ×6②D25 magnet ×4
  - KA5\*12 ×6④Safety rope ×1⑤PA4\*6×4
- Lock the D25magnet and safety rope to the magnetic bracket as shown in Figure 1
- Snap the magnetic bracket on the fixing frame, as shown in Figures 2, 3, 4



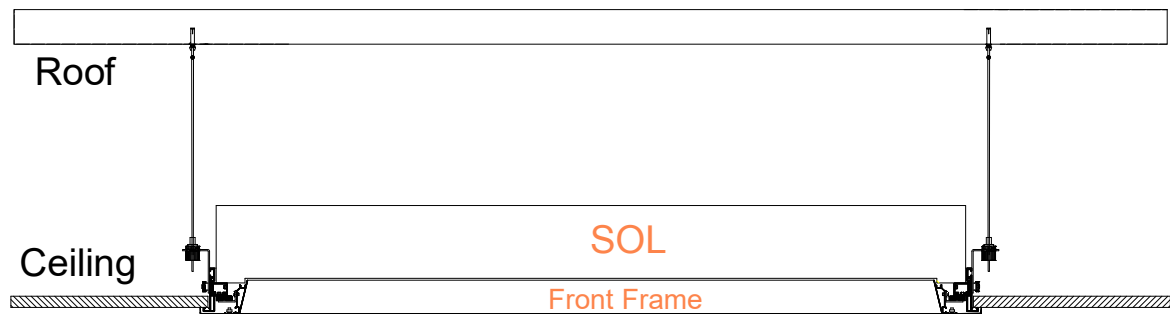
#### 4.12 Fixed SOL

- SOL is fully embedded in the fixed frame by means of 6 magnetic brackets bearing weight



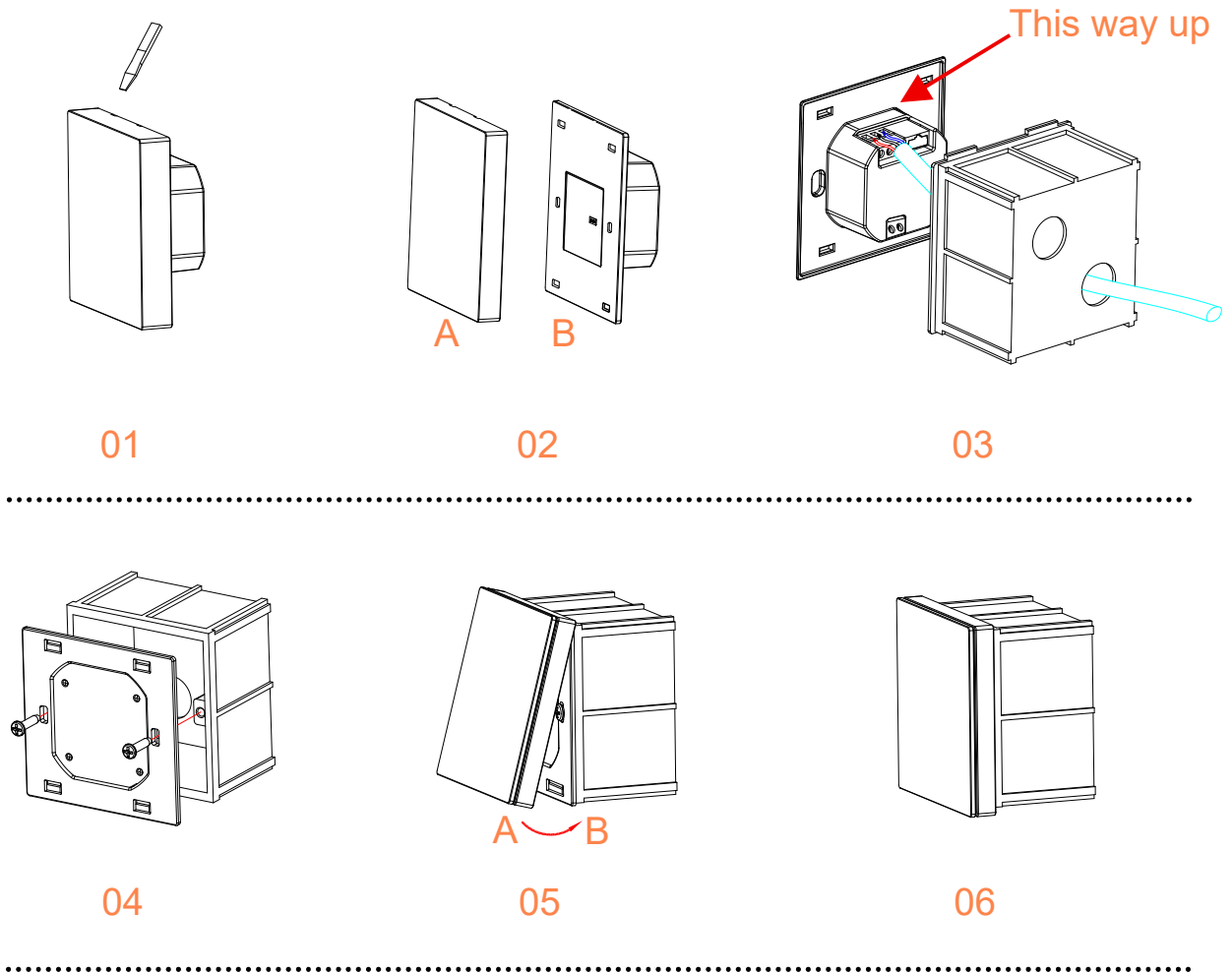
### 4.13 Install front frame

- The magnetic bracket on the holding frame and the magnetic corner bracket on the front frame are closed by means of a D25 magnet
- Attach the safety rope lock to the magnetic bracket and magnetic corner bracket
- Safety rope function: the front frame does not fall in the event of an accident



#### 4.14 Finish installation

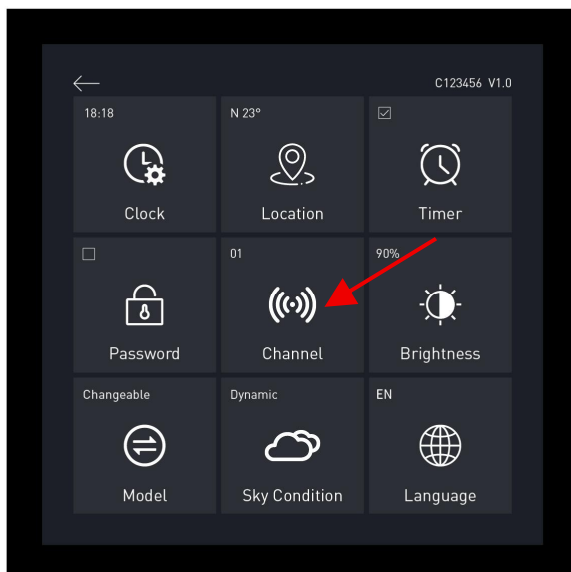
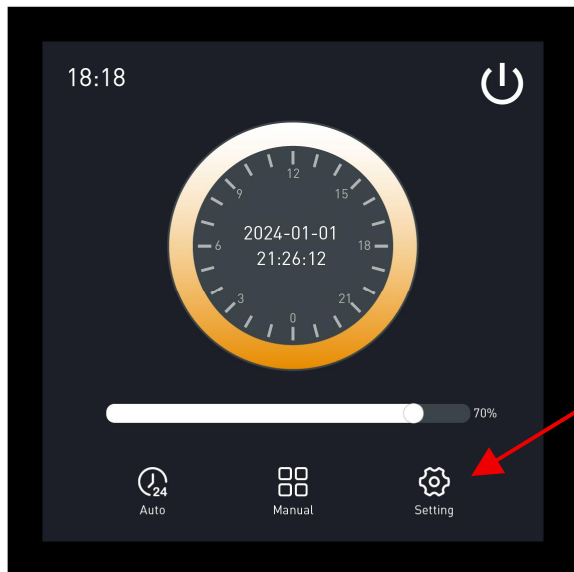
- The ceiling needs to be plastered for landscaping



## 4.15 Install Control Panel

- 01/02. Disengage the top latch with a flathead screwdriver and separate the control panel into parts A and B.
- 03. Connect the circuit, both L and N need to be connected to the control panel(B) Orientation: (L & N) up
- 04. Fix the control panel (B) onto the bottom box
- 05/06. Install the control panel (A) onto the control panel (B) and complete the installation

## 5.Control Panel Instructions



### Pair channel to turn on the SOL

- Click on the icon in the bottom right corner to enter the setting interface
- Enter the channel setting interface, select any channel, click save, and turn on the SOL



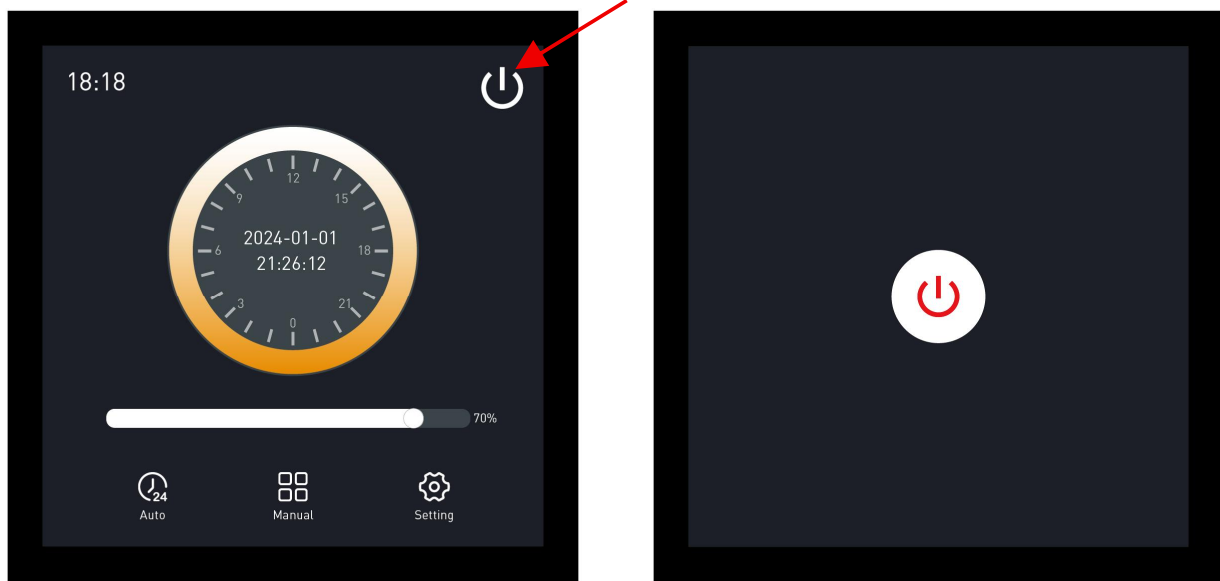
Auto Mode



Manual Mode

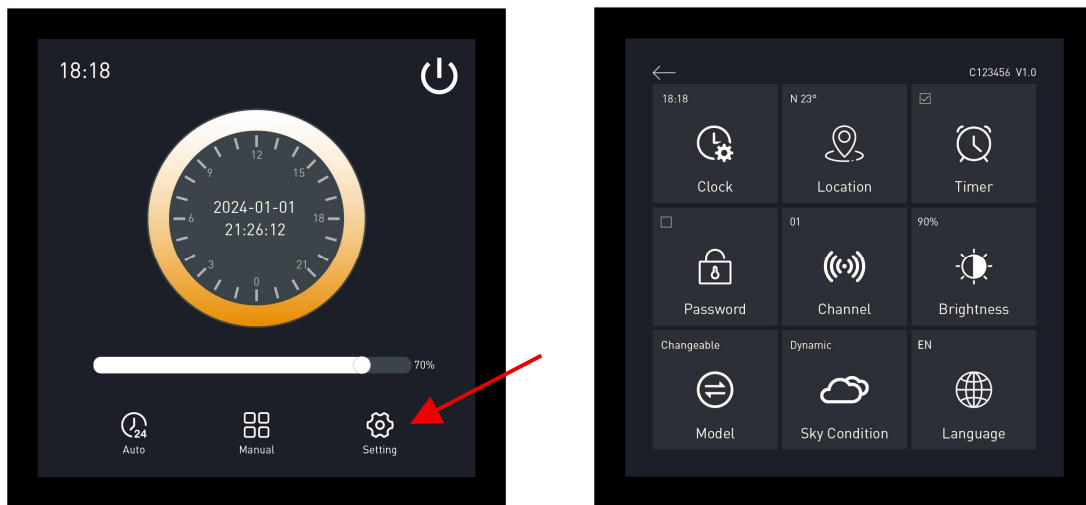
## Auto / Manual Mode

- Auto mode, the light can automatically change over time
- Swipe the time icon to quickly adjust the color change. Double click on the internal time of the circle to restore the current time
- Manual mode, customizable lighting
- Four scenarios for quick selection: Morning, Noon, Evening, and Sky. You can also adjust the slider below to customize the lighting



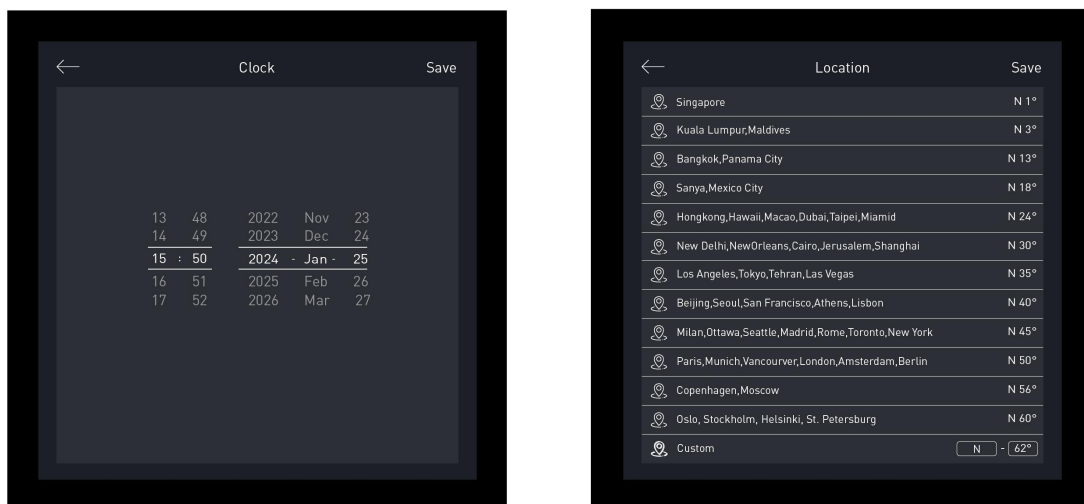
## ON / OFF

- Click on the icon in the upper right corner to turn off the SOL, and the control panel will enter the SOL off interface
- Click the switch button to turn on the SOL again **Memory function**
- When the mains power remains connected, the time memory function will be maintained, that is, when the automatic mode is turned off, the time will automatically change, and when the manual mode is turned off, the last light off state will be remembered
- When the mains power is disconnected, the time memory function can be maintained for 48 hours. If it exceeds 48 hours, the clock needs to be readjusted.



## Setting interface

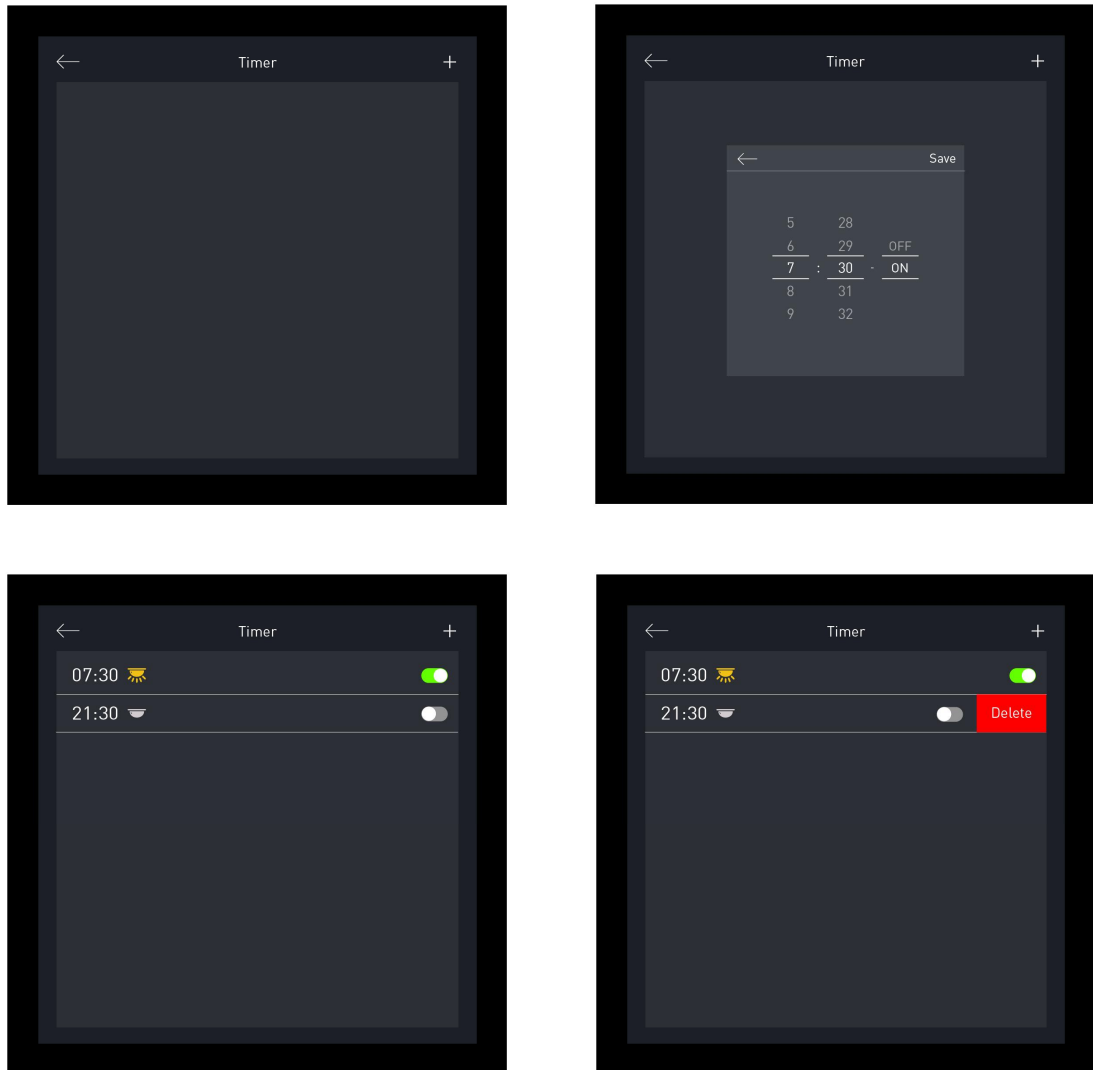
- Click on the icon in the bottom right corner to enter the setting interface



## Clock setting

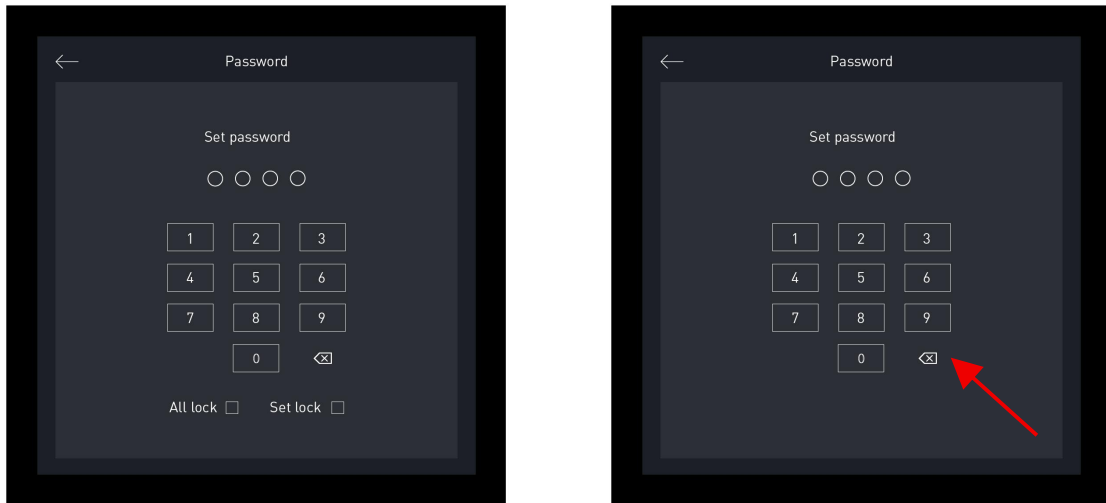
## Location setting

- Clock: Adjust the clock and date, or automatically calibrate the clock by connecting to the App
- Location: Choose any location to match the local sunshine, or automatically located by connecting to the App



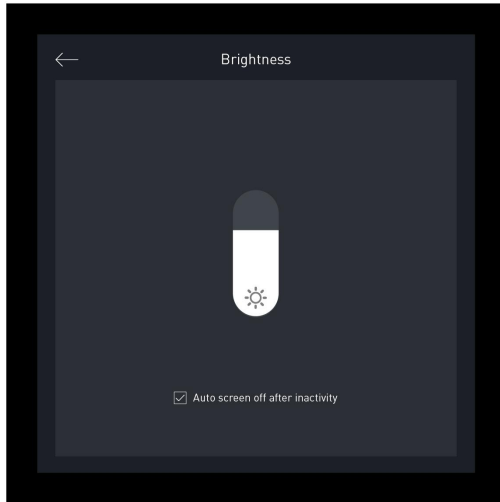
## Timer setting

- Click " + " in the upper right corner to add a timer
- Click " + " in the upper right corner again to add multiple timers
- " 🌞 means that SOL is ON
- " ☾ means that SOL is OFF
- " enables the timer function
- " disables the timer functions
- Long press option for 3 seconds to delete the timer



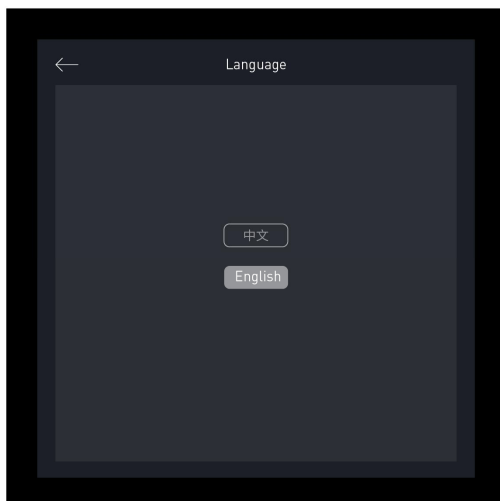
## Password setting

- There are two settings to choose from: All lock or Set lock. The default is set lock
- All lock: All interface are locked
- Set lock: Only setting interface is locked, while Auto and Manual interfaces remain usable
- Enter a four-digit password. Once set successfully, you can re-enter the password setup menu to modify it.
- Long press the “delete key” for ten seconds to force delete the password.



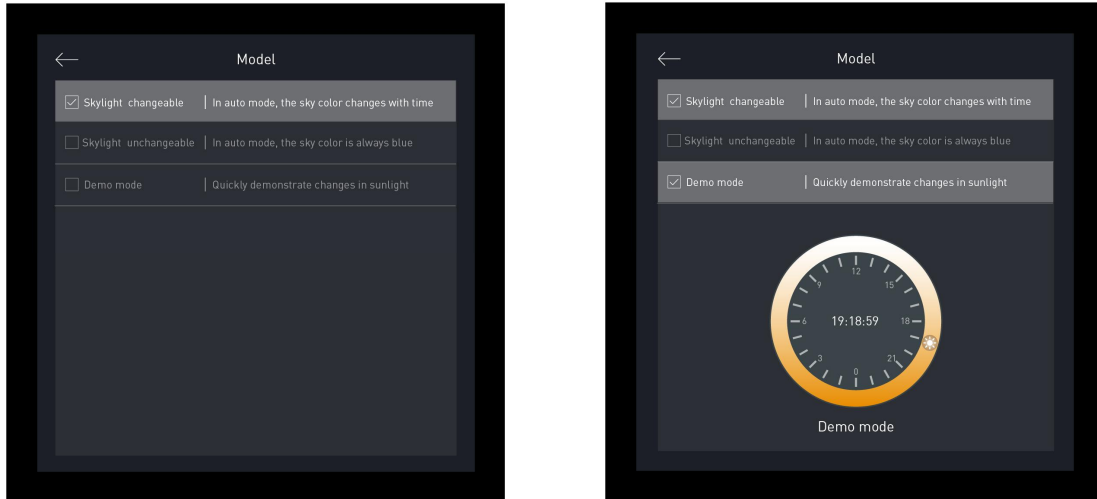
### Brightness setting

- Slide the slider to adjust the screen brightness
- Check the ☒, and the screen will automatically turn off after ten minutes without any operation



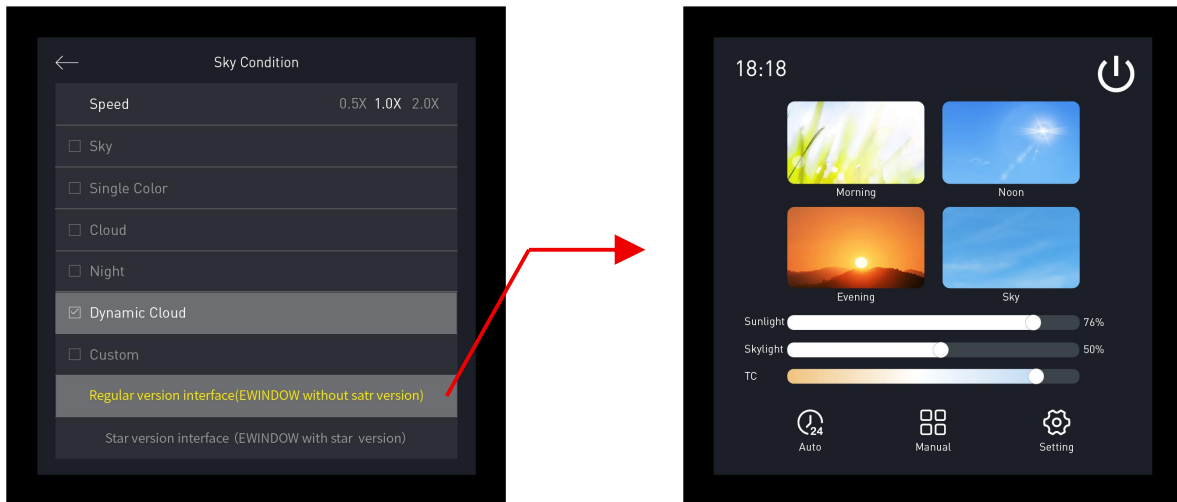
### Language setting

- Choose language (Chinese or English)

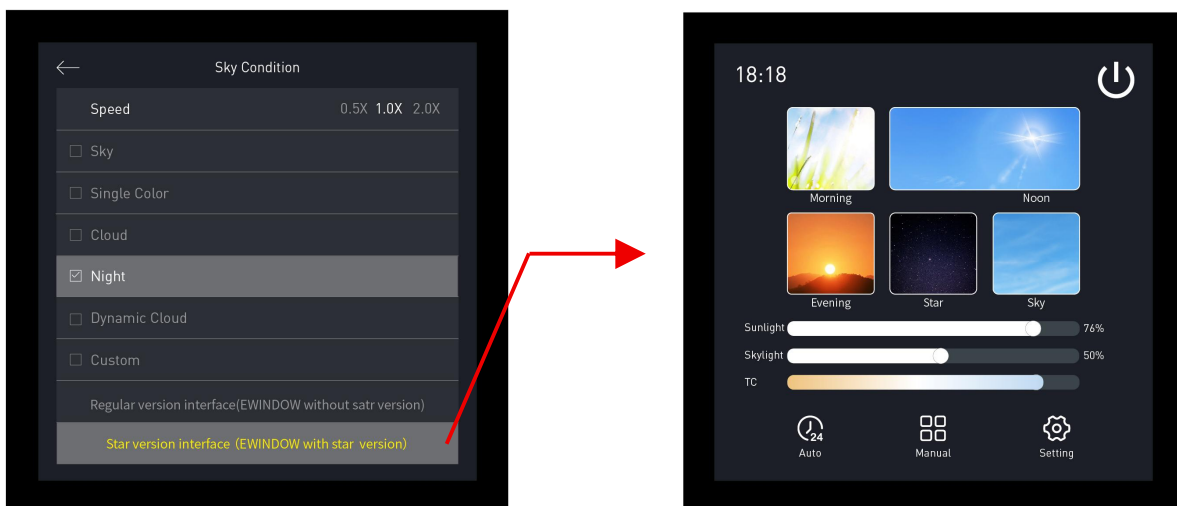


## Mode setting

- Skylight changleable and Skylight unchangeable are only valid for the SOL 2.0 product.
- In Skylight changleable, the sky light of the luminaire remains blue and will not change color.
- In Skylight unchangeable, the color of the luminaire's sky light will change with time.
- In Demo Mode, the luminaire will quickly demonstrate the 24-hour light color change within 1 minute. Click again to exit Demo Mode.



Manual mode interface corresponding to the regular version



Manual mode interface corresponding to the star version

## Sky condition setting

- The sky condition function is only applicable to dynamic cloud version products
- Select any condition to adjust the sky scene
- Add a "star" touch button to the manual mode interface of the star version. The Star Mode needs to be used with "Night" condition.



SOLLUX  
SKYLIGHTING

**IF YOU HAVE ANY QUESTIONS, CONTACT US ☺**

**07 2112 6261**

**[HELLO@SOLLUXSKYLIGHTING.COM](mailto:hello@solluxskylighting.com)**

**[WWW.SOLLUXSKYLIGHTING.COM](http://www.solluxskylighting.com)**

**30 EDGAR ST, BOWEN HILLS, QUEENSLAND, AUSTRALIA, 4006**