

SOLLUX SKYLIGHTING

BY LIGHTCORE

USER MANUAL

SOL-1206

BRING THE OUTSIDE IN

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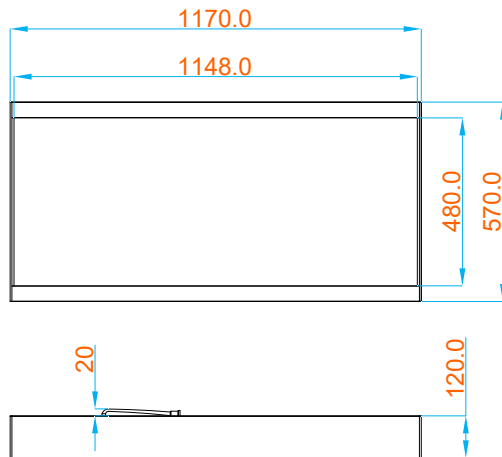
1. Safe Information

- 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℃-40℃;
- 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.

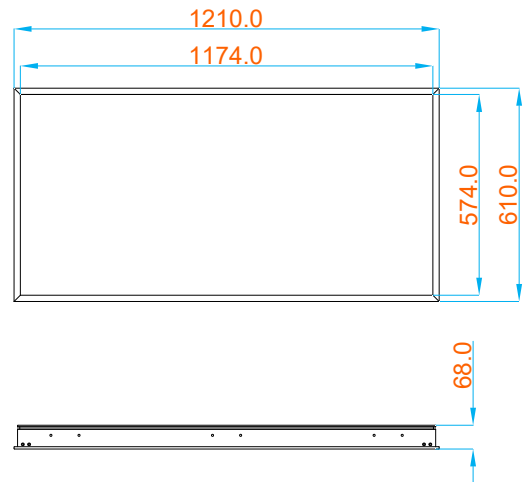
2. Maintenance Mode

- 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.

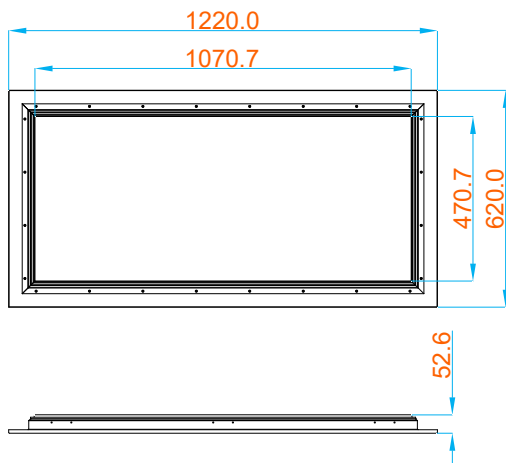
3. Dimension



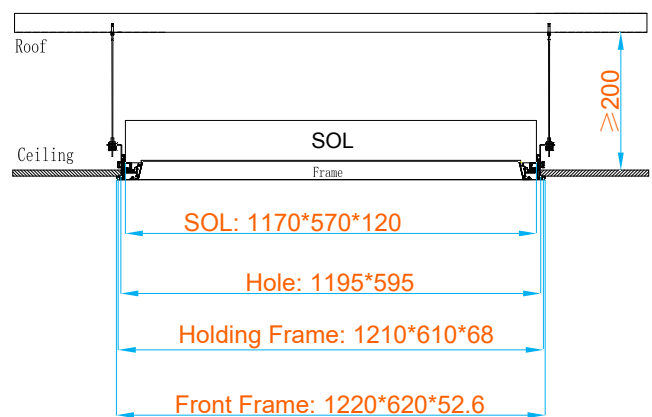
SOL: 1170*570*120mm



Holding Frame: 1210*610*68mm

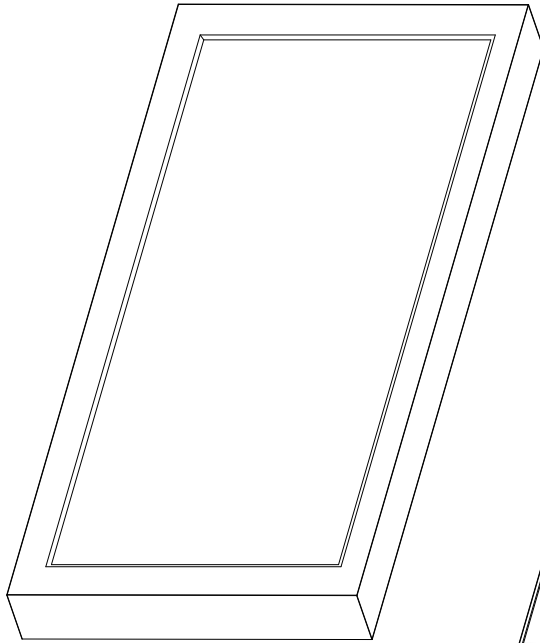


Front Frame: 1220*620*52.6mm

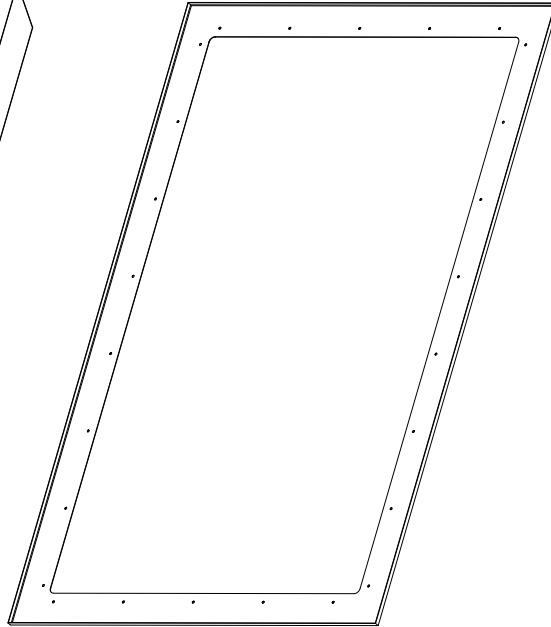


4. Packing List

SOL body package



SOL x 1



Front frame 31#x1

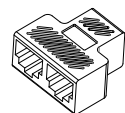


AC driver x1

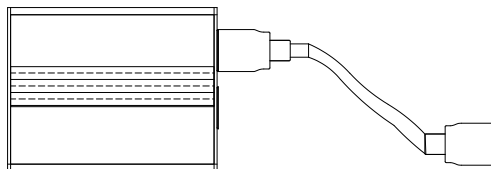
antenna



Control driver x1

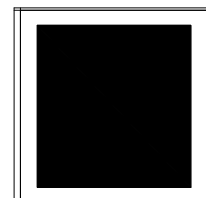


RJ45 coupler x1



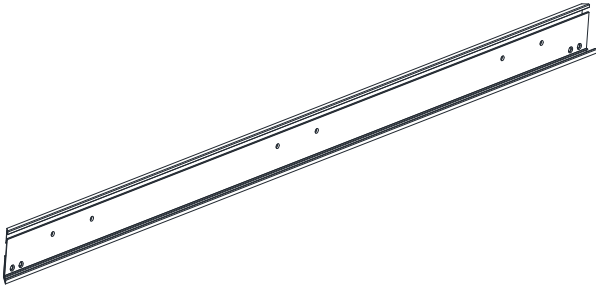
Video Player x1

(with HDMI cable)

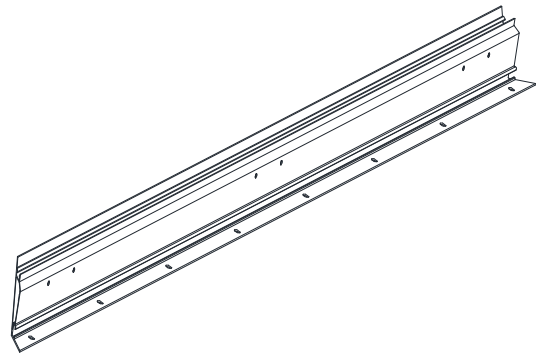


Control panel x1

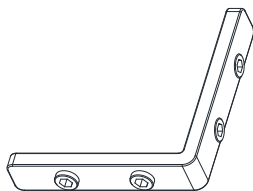
Frame package



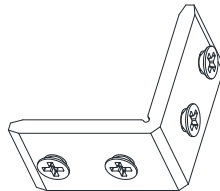
Fixed profile 31#x4



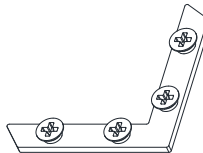
Reinforced profile 02#x4



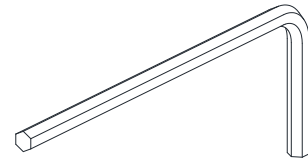
1503-corner bracket x4



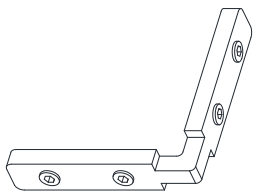
03-corner bracket 21#
x4



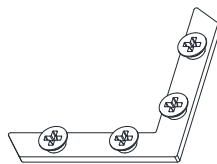
90° corner bracket x4



Allen key (wire diameter
3.0)x1



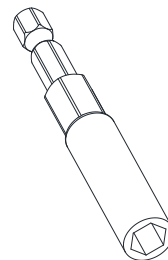
20-corner bracket x4



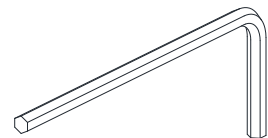
90° corner bracket x4



M4 flange nut x24



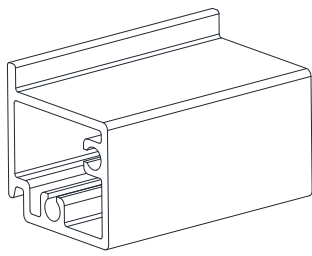
Hex wrench
barrel x1



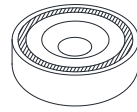
Allen key x1
(wire diameter
2.0)



Steel chains assembly x4



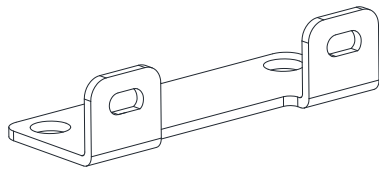
Magnetic bracket×4



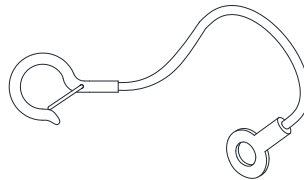
D25 magnet ×4



KA5*12×4



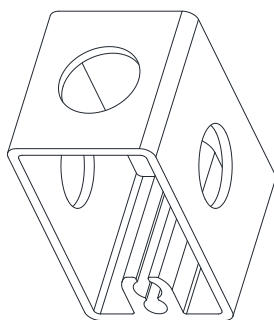
Magnetic corner bracket×4



Safety rope ×4



PA4*6×4



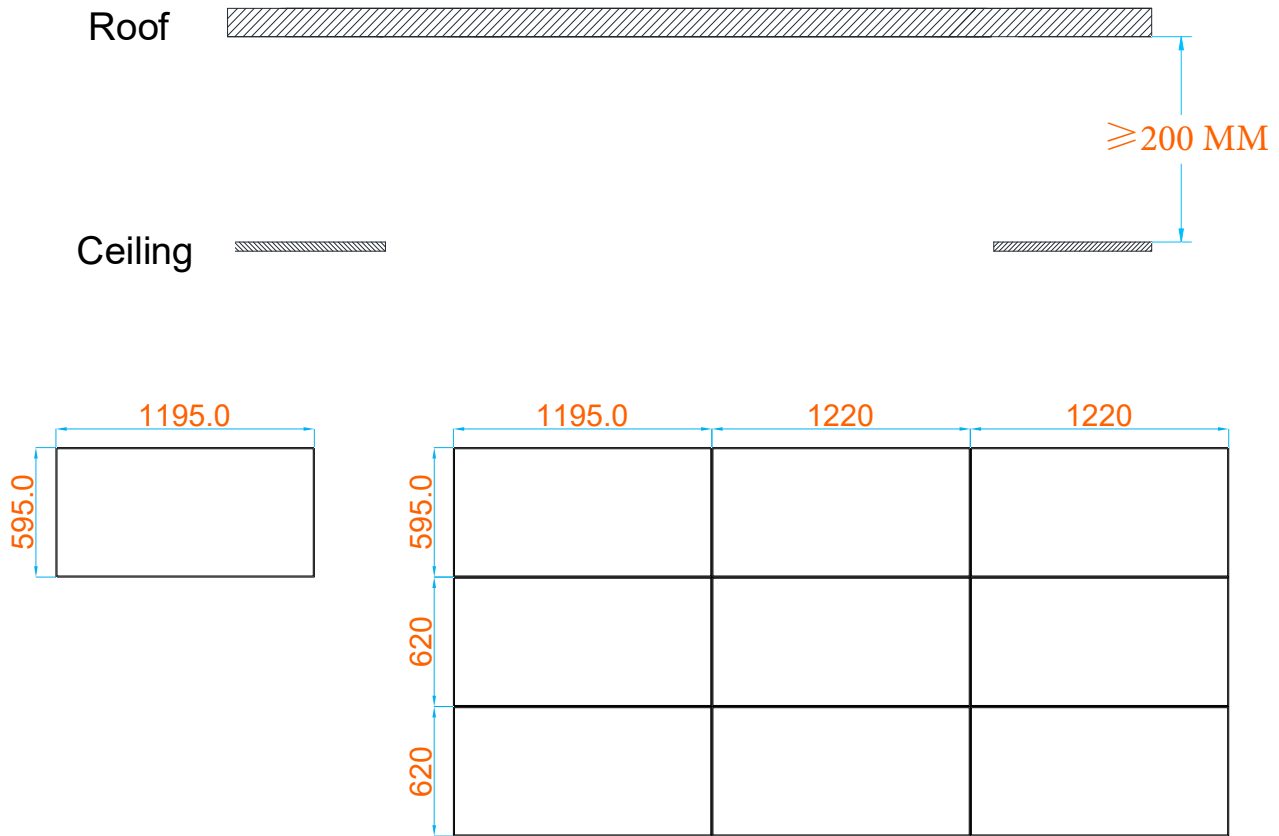
Splicing accessory×2

Used when multi-SOL



PM6*16 ×4

4. Installation Steps



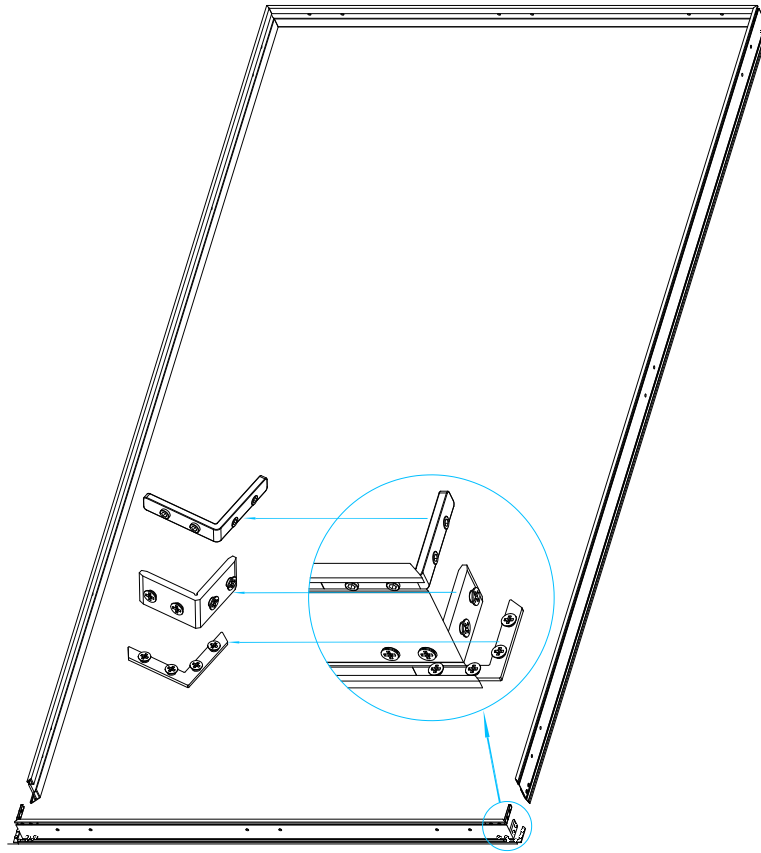
Hole size diagram (1 or more)

4.1 Open hole

- Ceiling to roof distance: $\geq 200 \text{ mm}$

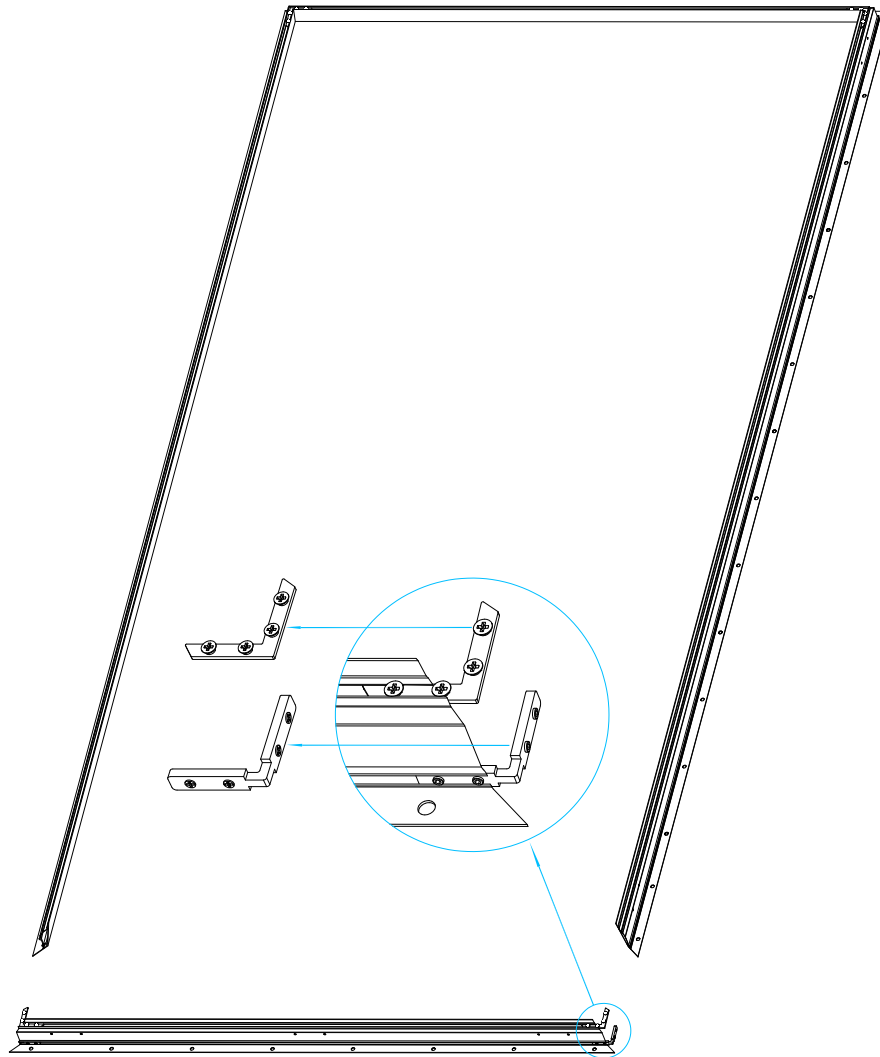
One SOL dimension: 1195*595mm

Two SOLS dimension: 1195*(595+620)/ 595*(1195
+1220)



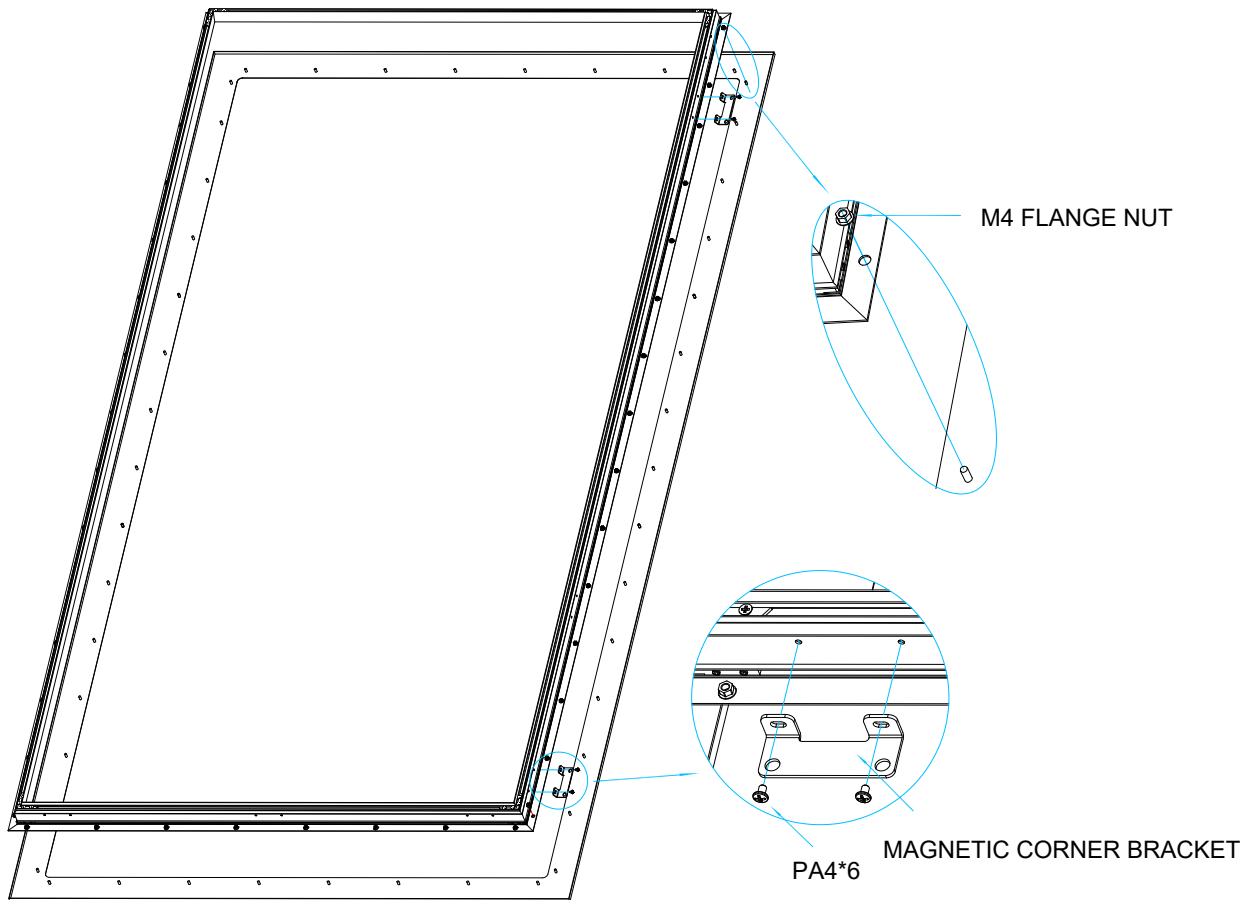
4.2 Splicing holding frame

- 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



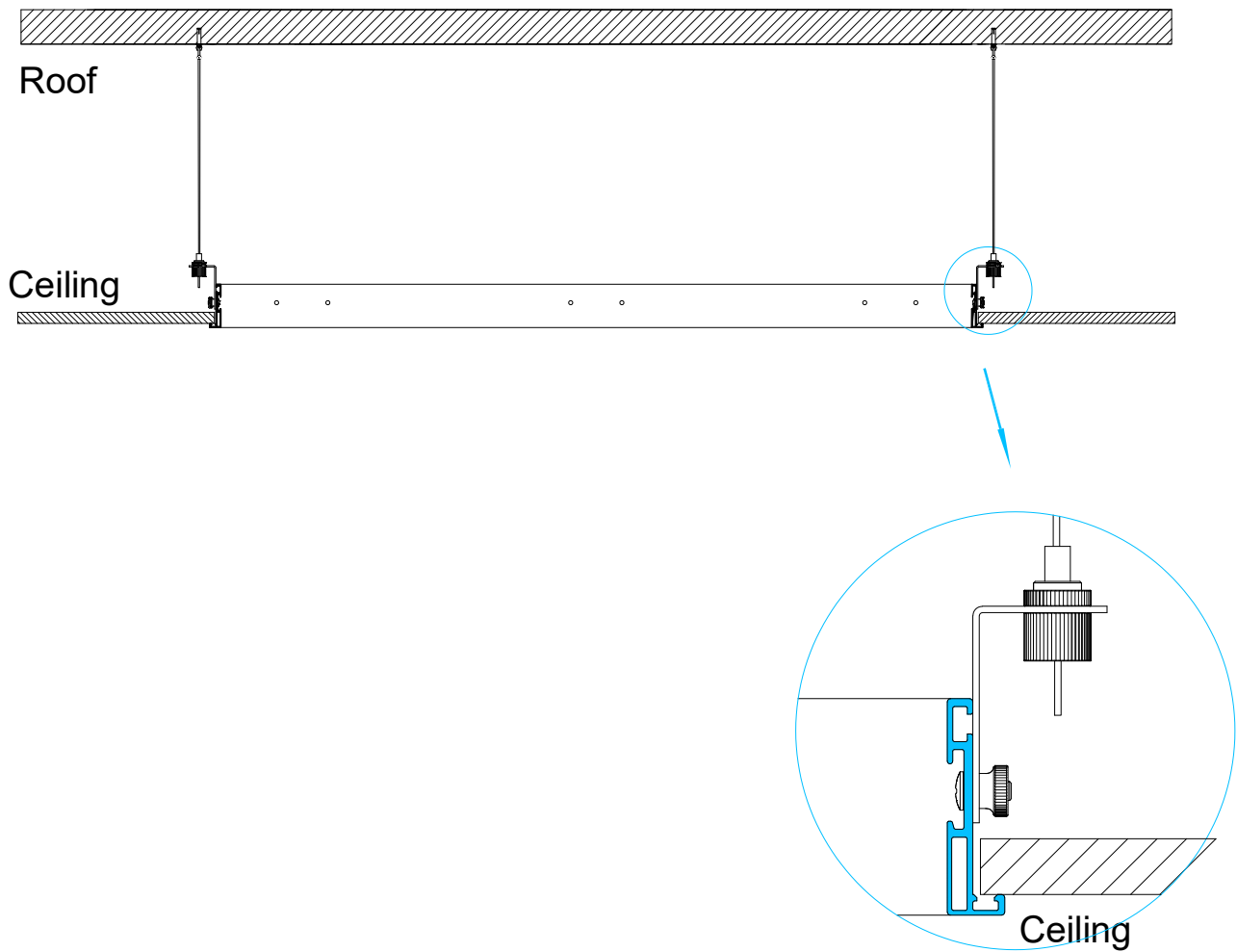
4.3 Splicing front frame

- Frame package
 - Reinforced profile 02# ×4 ②20-corner bracket ×4
 - ③90°corner bracket ×4 ④Allen 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

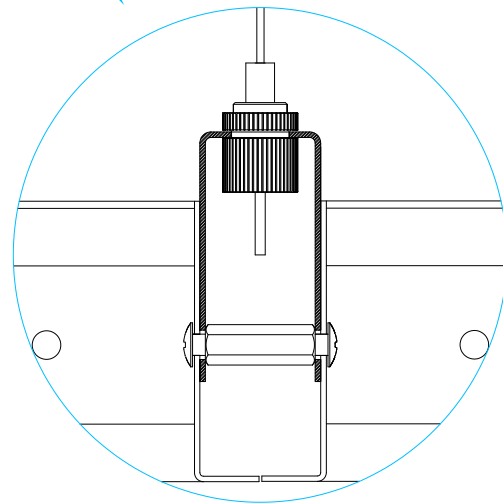
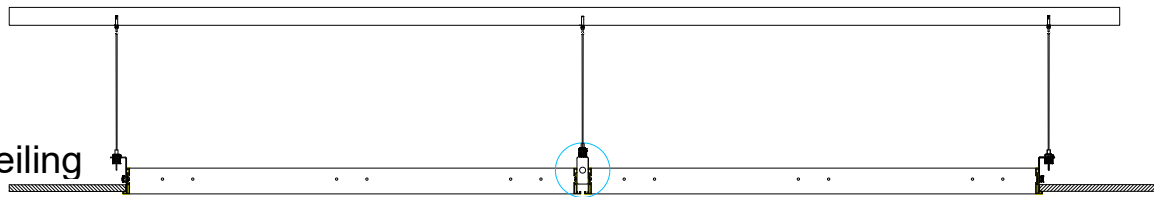


4.5 Install holding frame

- 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

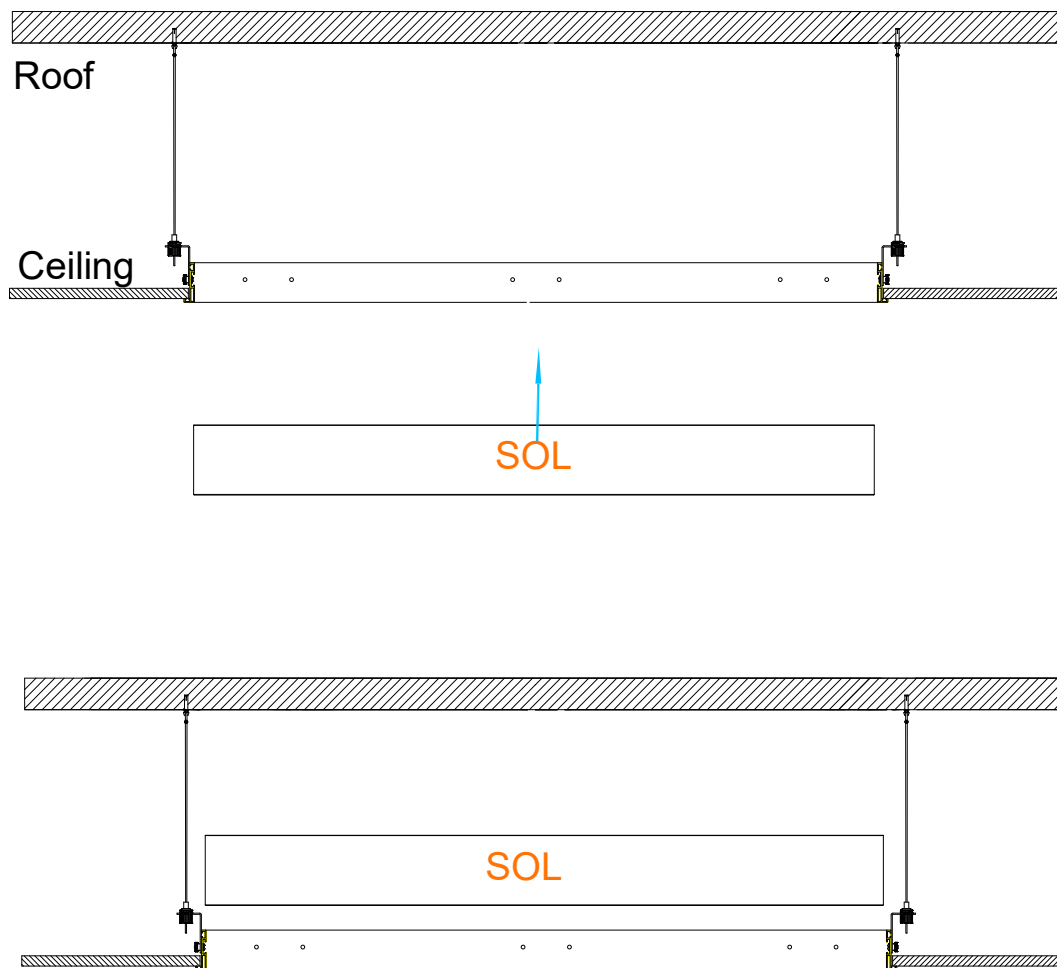
Roof

Ceiling



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 Insert SOL

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

4.8 Circuit diagram with control panel

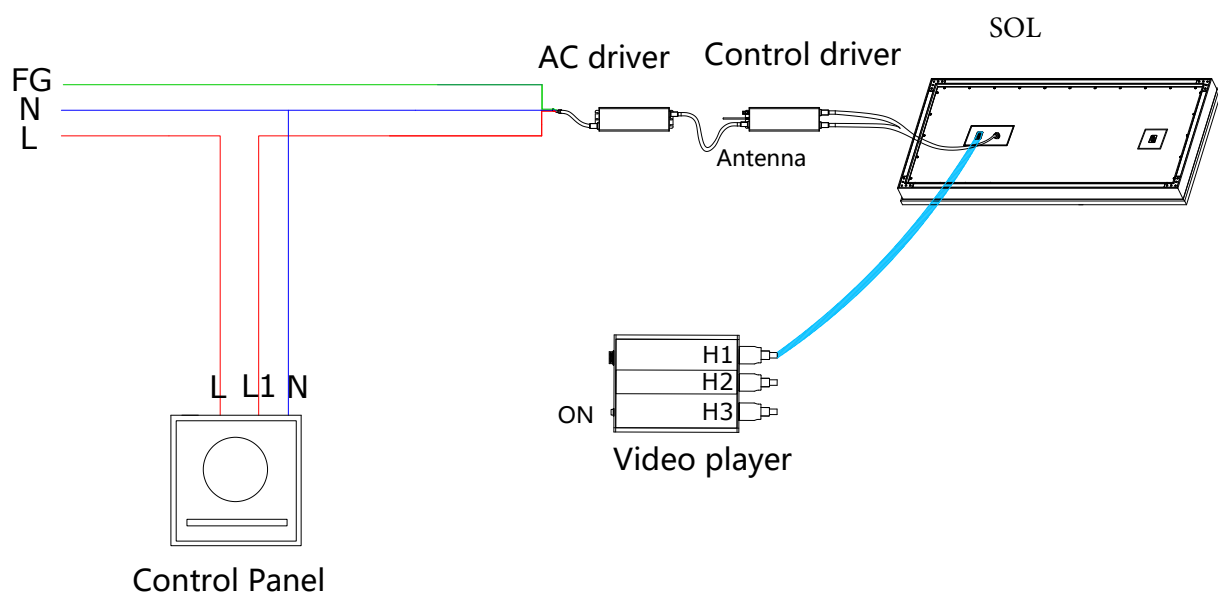
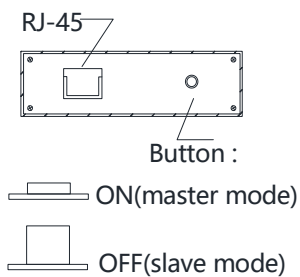
4.8.1 Wireless mode

- Multiple lamps must be used together, and the direction of the lamps must be consistent.
- 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.
- Video player H1 interface connects to SOL first terminal H1 interface
- HDMI cables need to be HDMI2.0 version or above.

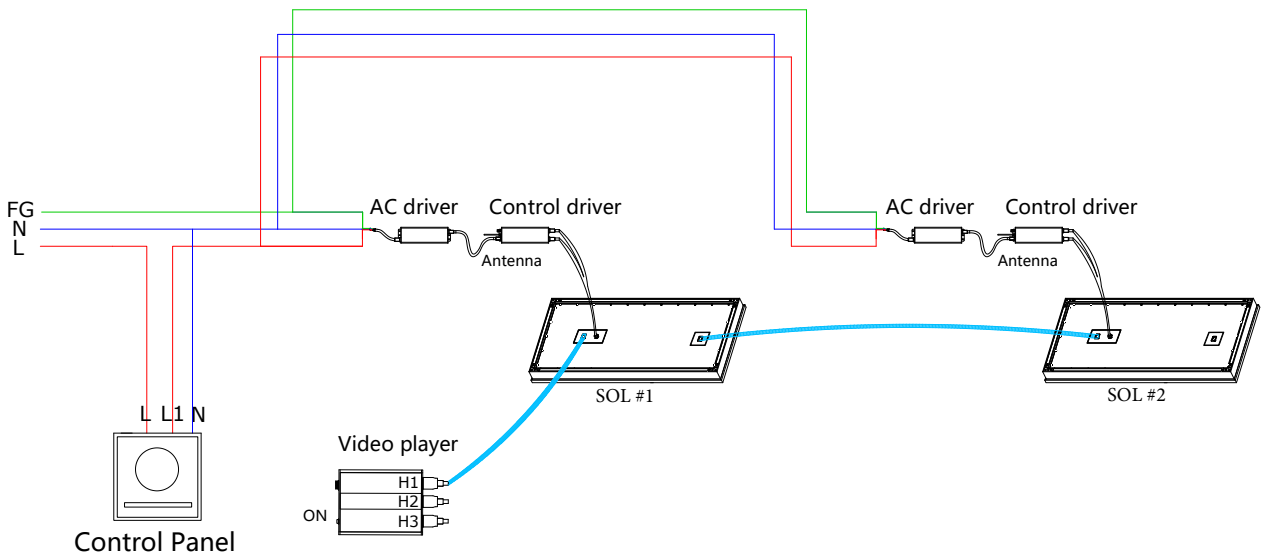
Notes

- L (live wire)
- N (neutral wire)
- FG (GND)
- HDMI cable
- Network cable

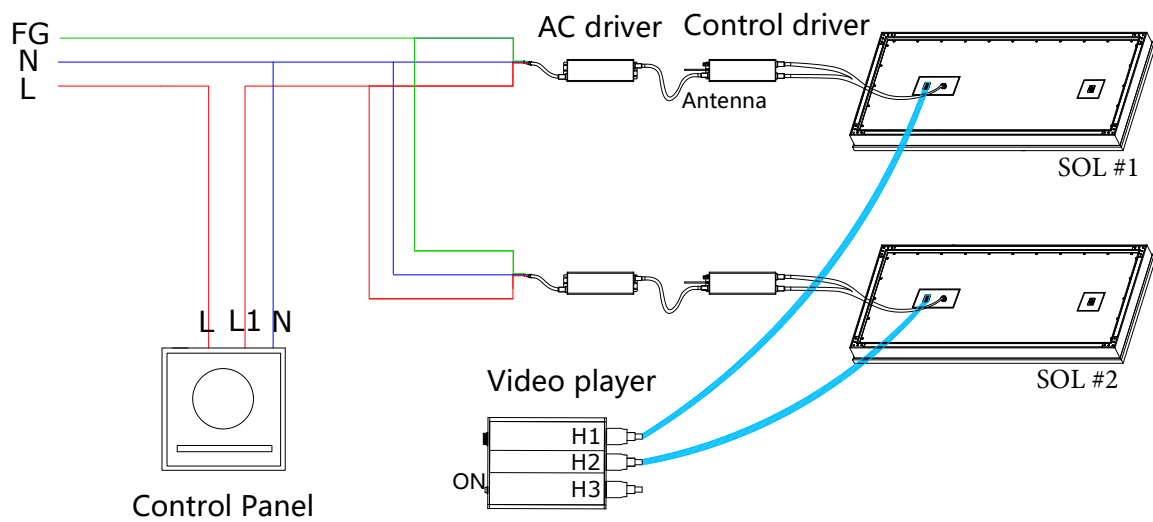
Video Player Left View



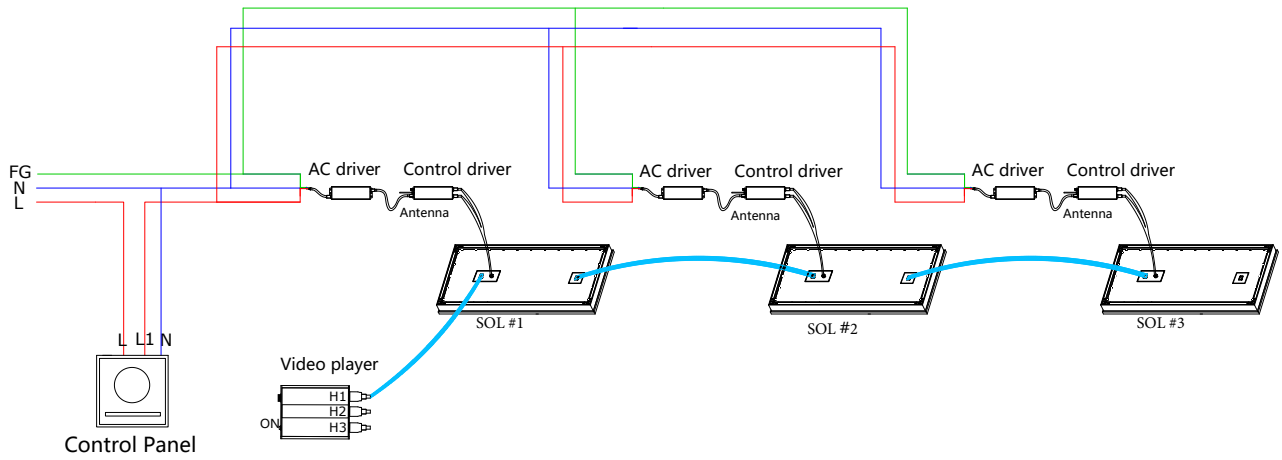
1 SOL circuit diagram



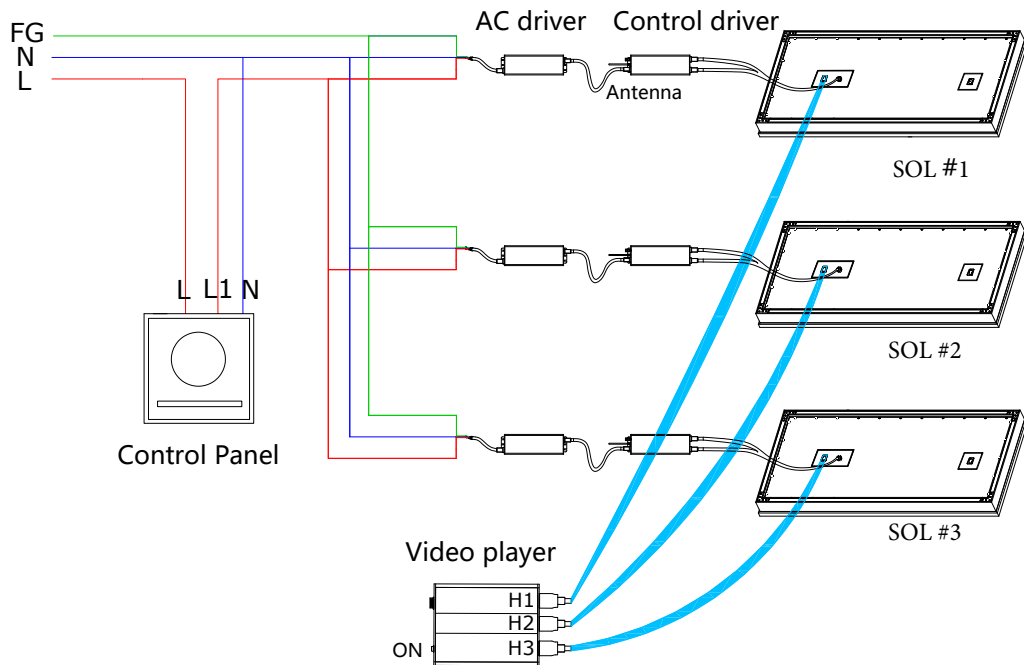
2 SOLs circuit diagram (direction 1)



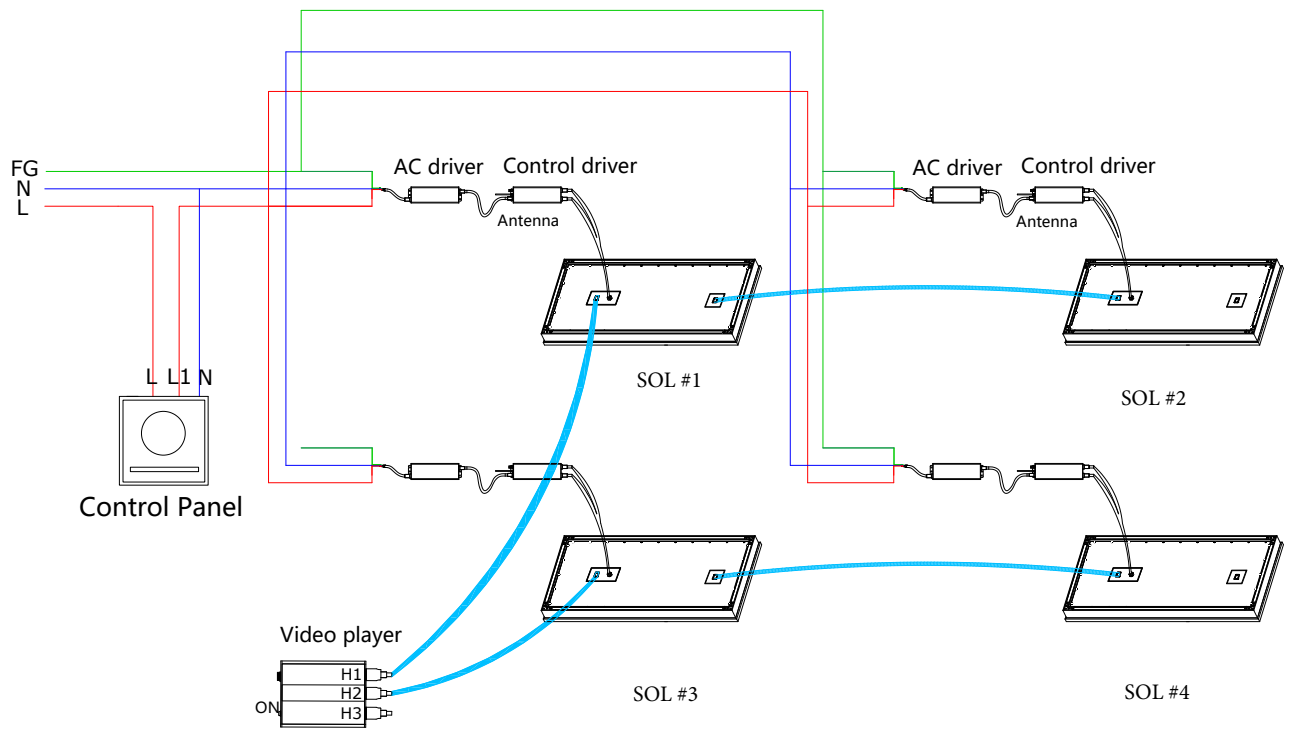
2 SOLs circuit diagram (direction 2)



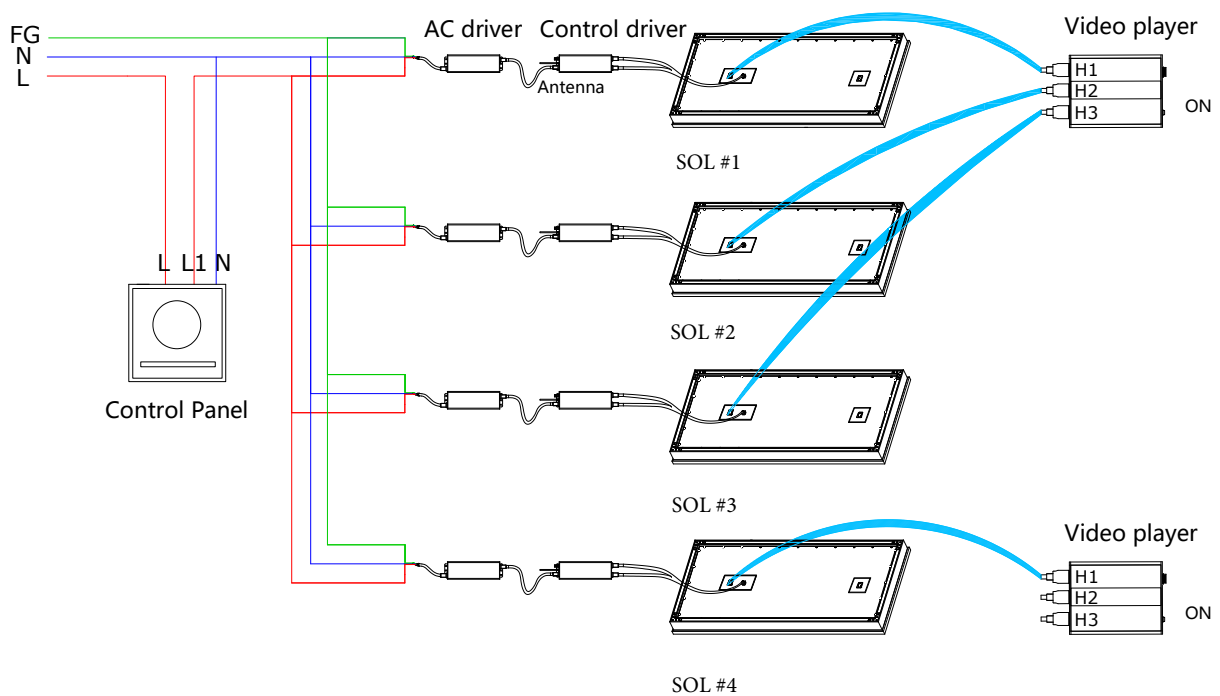
3 SOLs circuit diagram (direction 1)



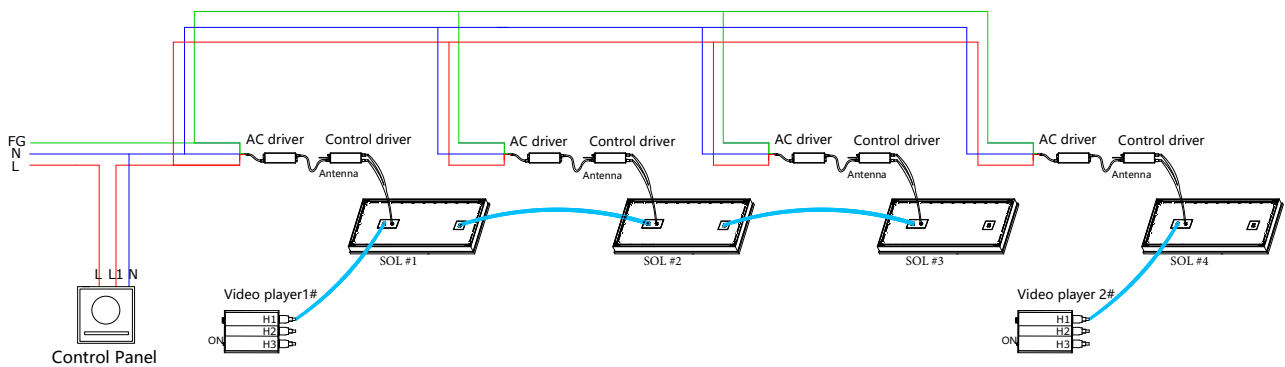
3 SOLs circuit diagram (direction 2)



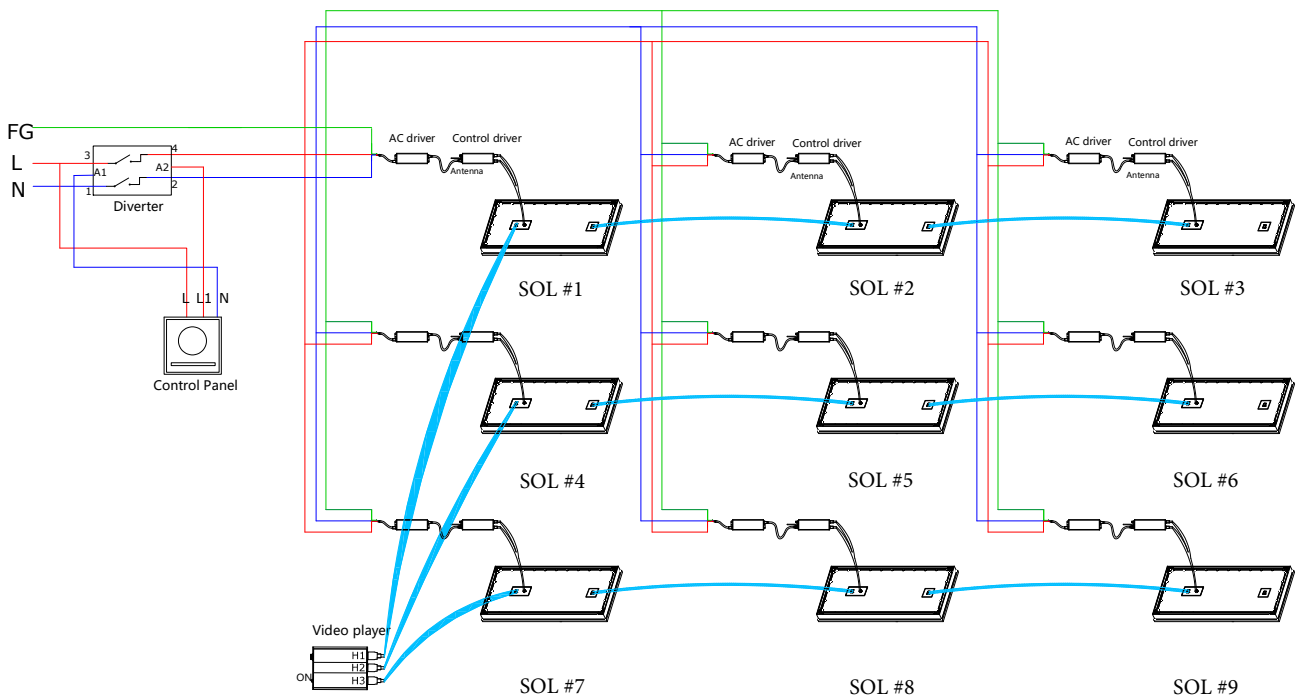
4 SOLs circuit diagram (direction 1)



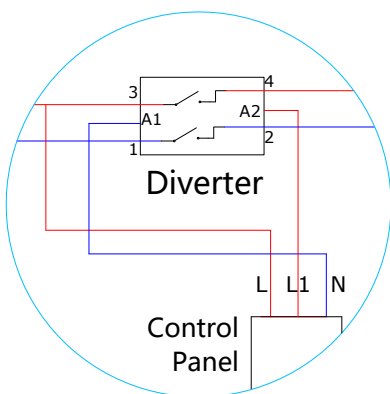
4 SOLs circuit diagram (direction 2)



4 SOLs circuit diagram (direction 3)



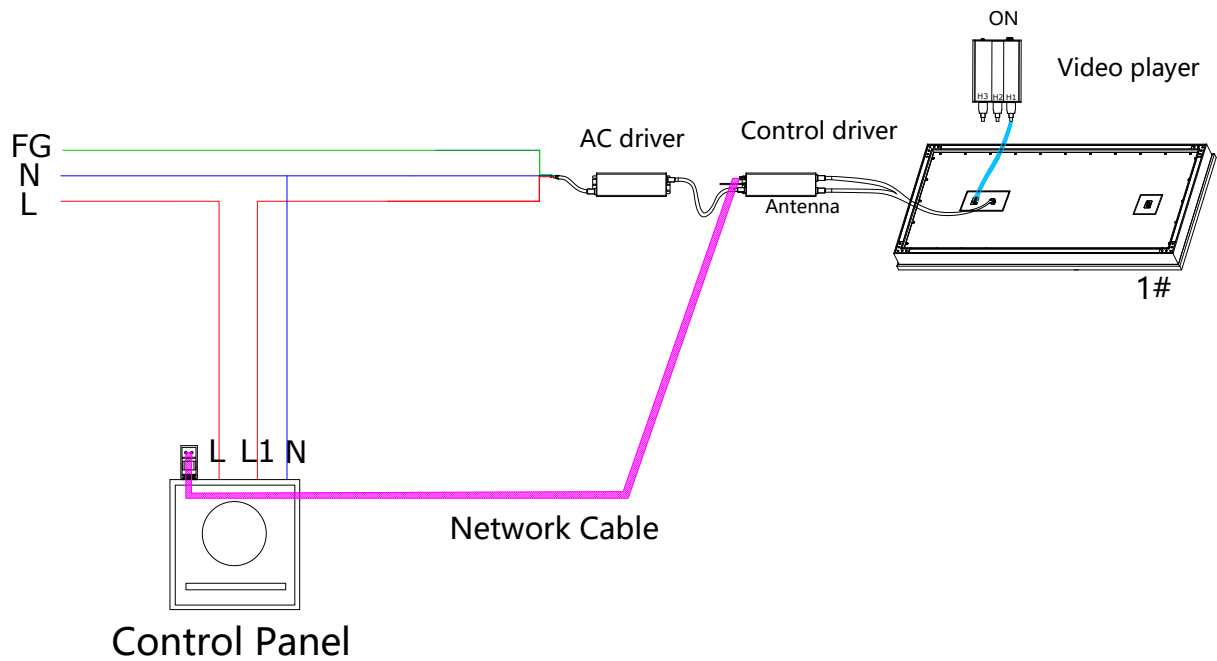
5-9 SOLs circuit diagram



When a control panel is connected to more than 4 SOLs at the same time, a diverter needs to be connected

4.8.2 Wired mode

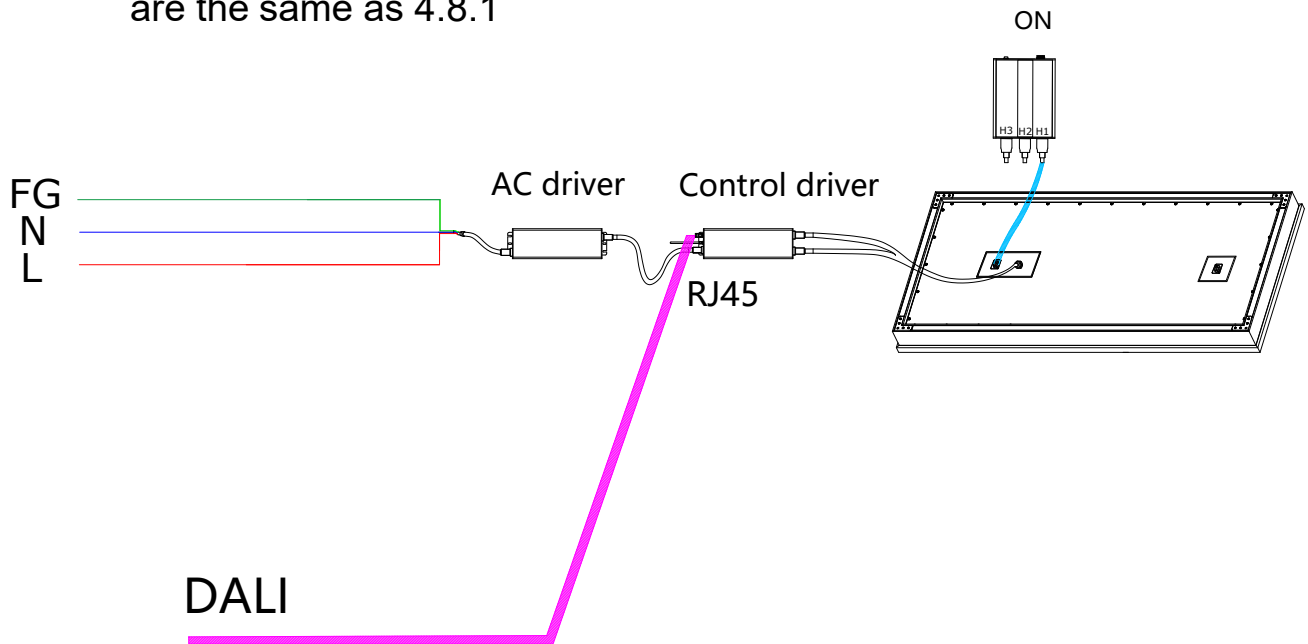
- In wired mode, the control panel and each control driver need to be connected through network cables, while the rest are the same as 4.8.1



4.9 Circuit diagram without control panel

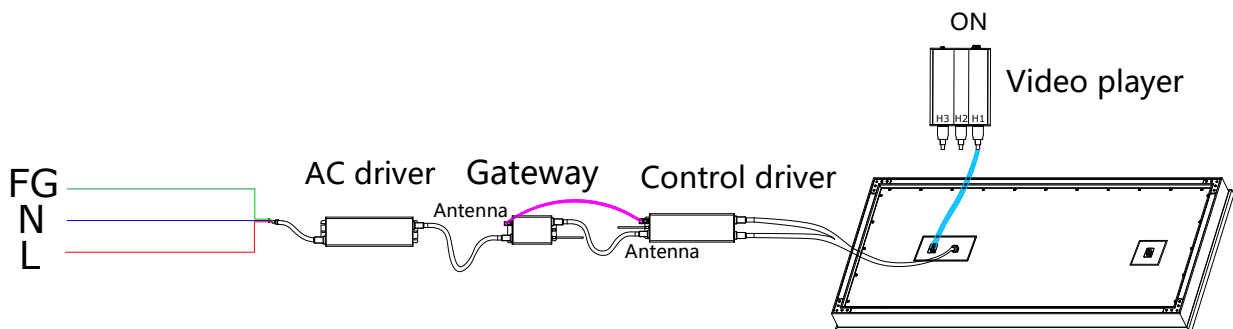
4.9.1 DALI mode

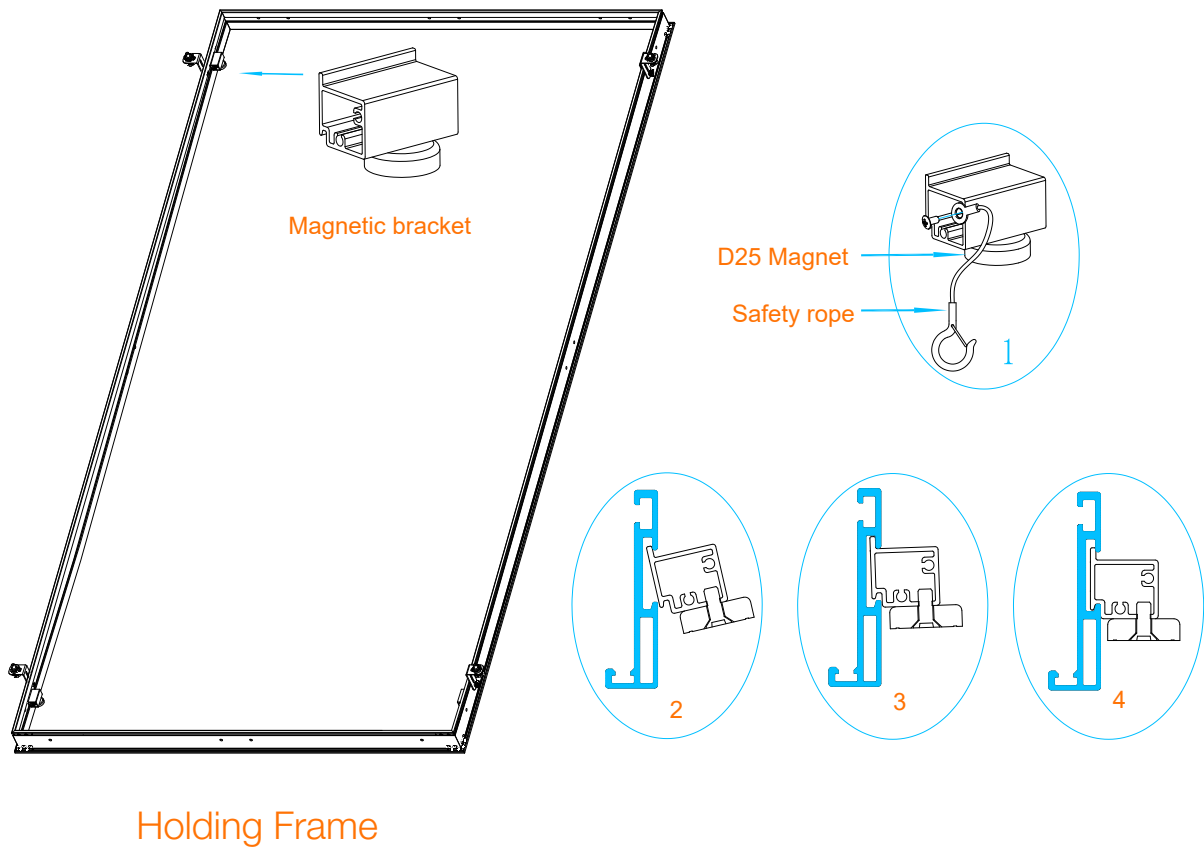
- In DALI mode, DALI system and each control driver need to be connected through network cables, while the rest of the circuits are the same as 4.8.1



4.9.2 Gateway mode

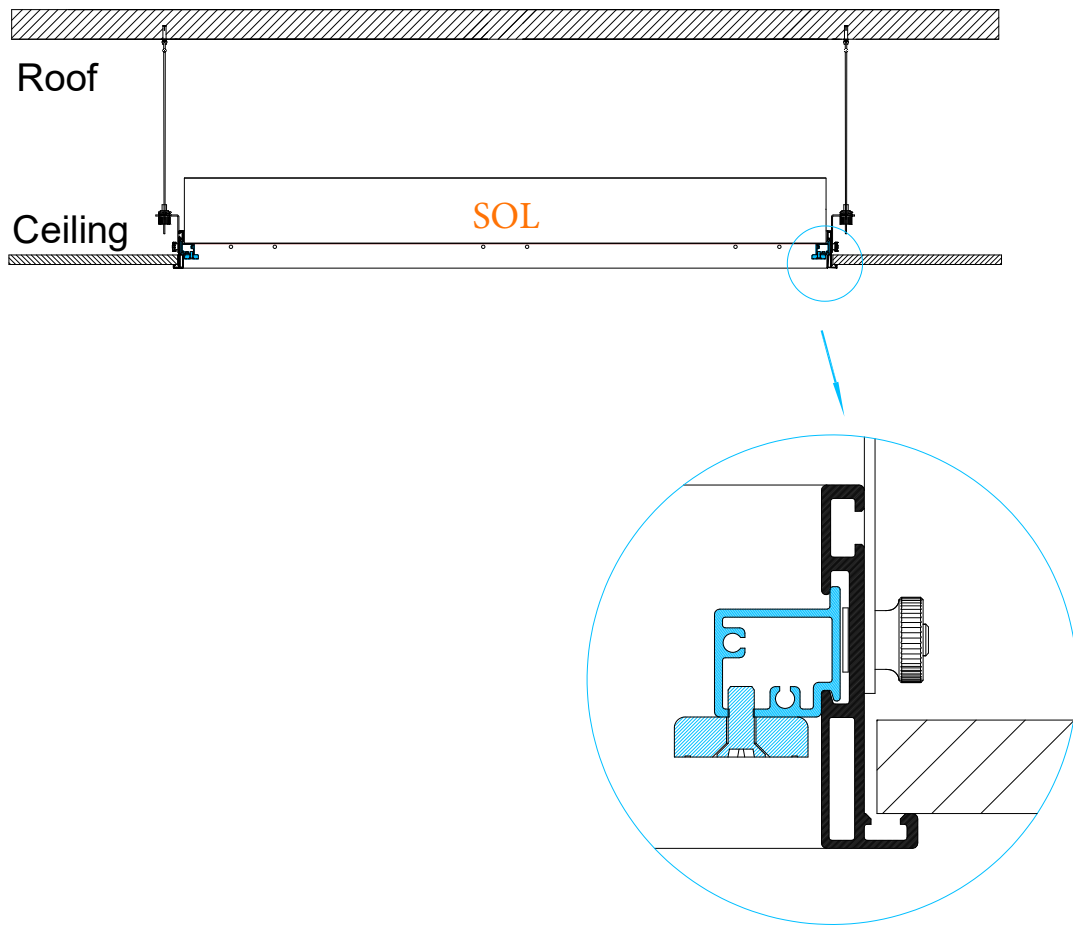
- In gateway mode, the gateway and each control driver need to be connected through network cables. Multiple SOLs only require one gateway. The rest of the circuits are the same as 4.8.1





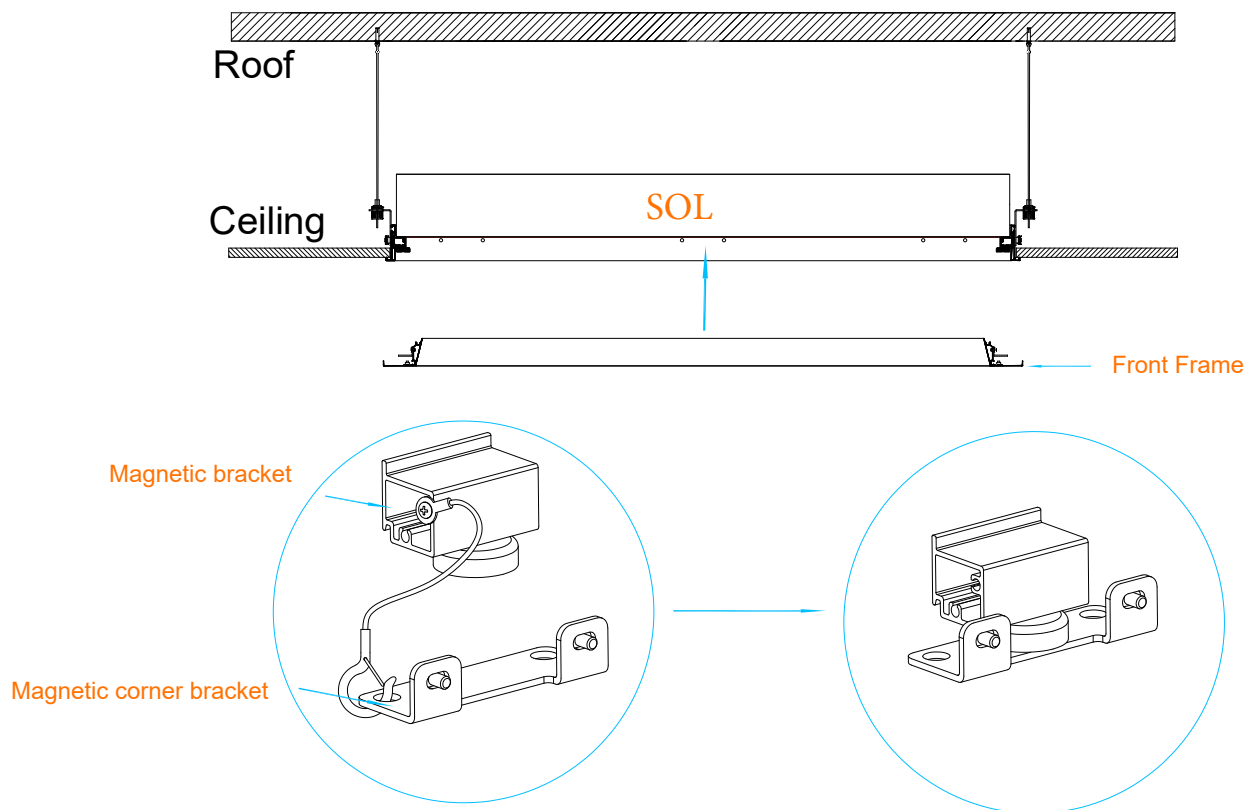
4.10 Install magnetic bracket

- Frame package:
 ①Magnetic bracket ×4 ②D25 magnet ×4
 . KA5*12 ×6 ④Safety rope ×1 ⑤PA4*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



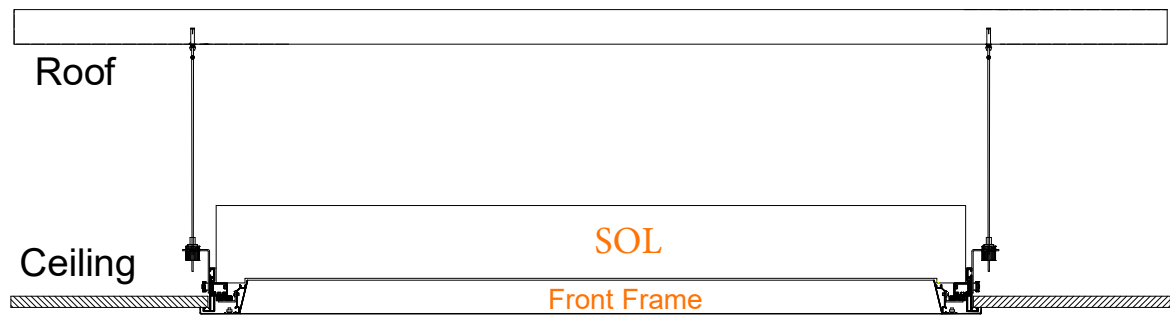
4.11 Fixed SOL

- SOL is fully embedded in the fixed frame by means of 4 magnetic brackets bearing weight



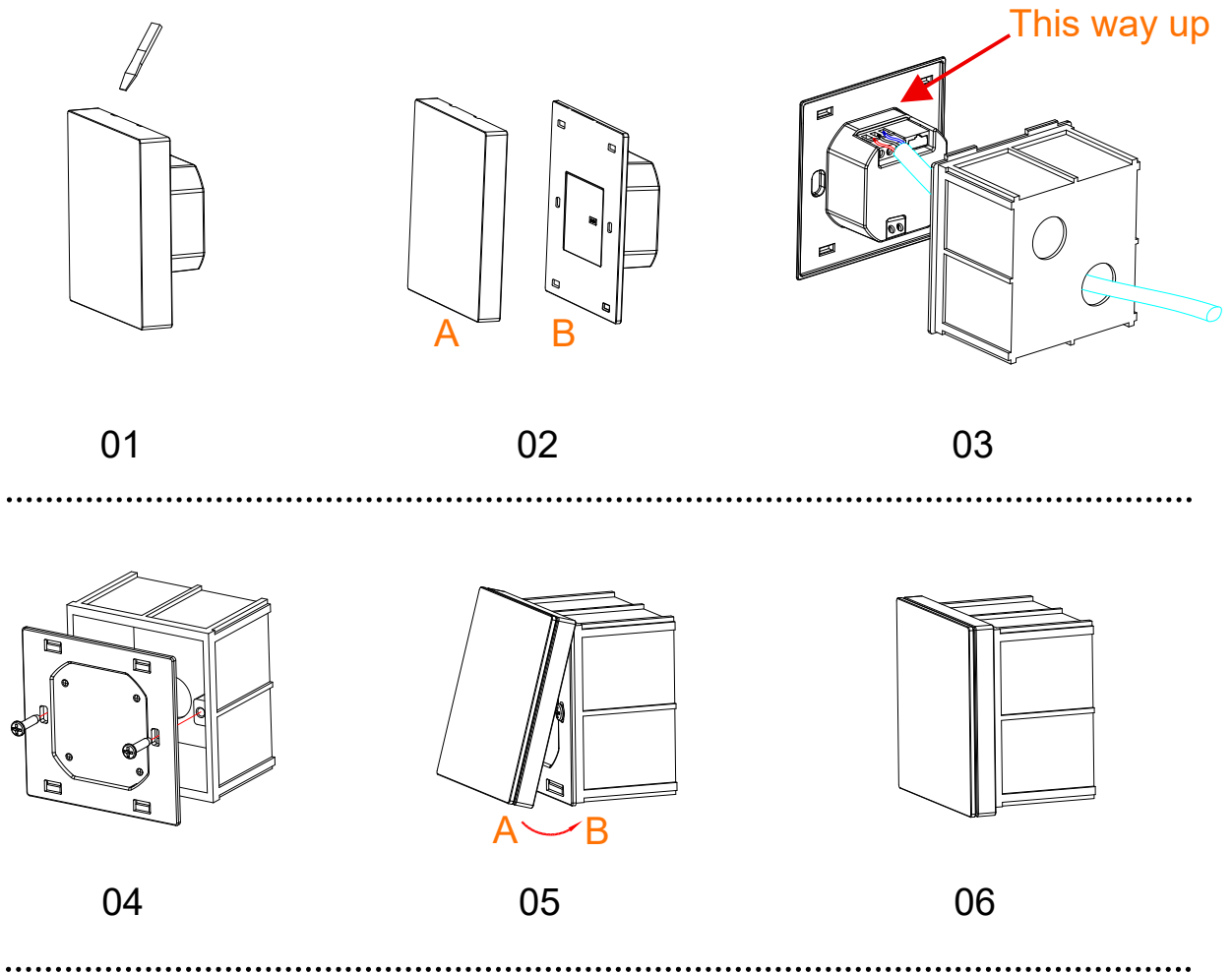
4.12 Install front frame

- 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



4.13 Finish installation

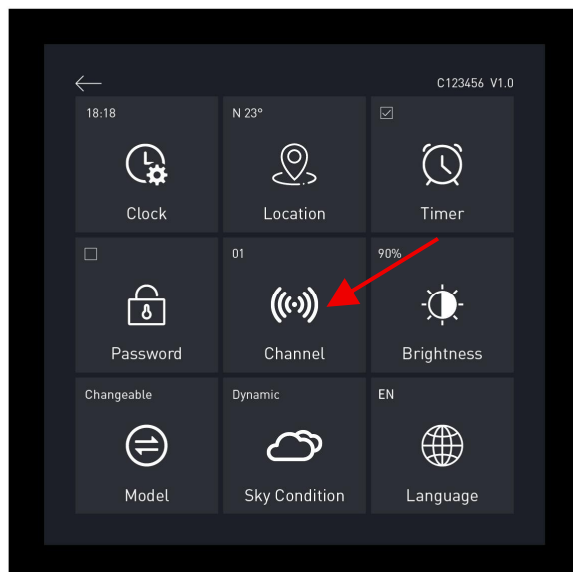
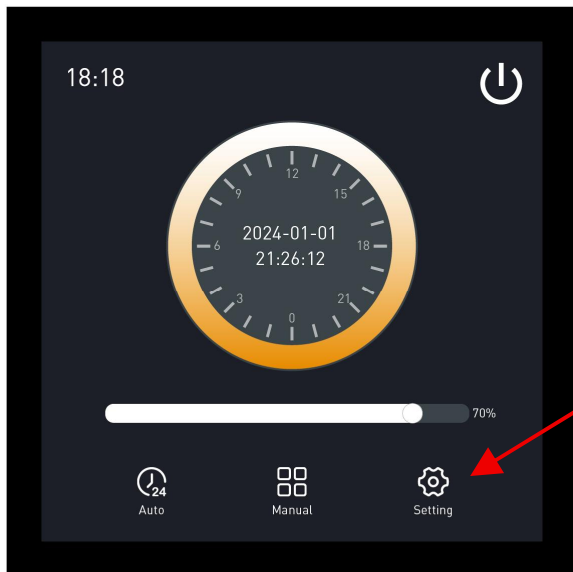
- The ceiling needs to be plastered for landscaping



4.14 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



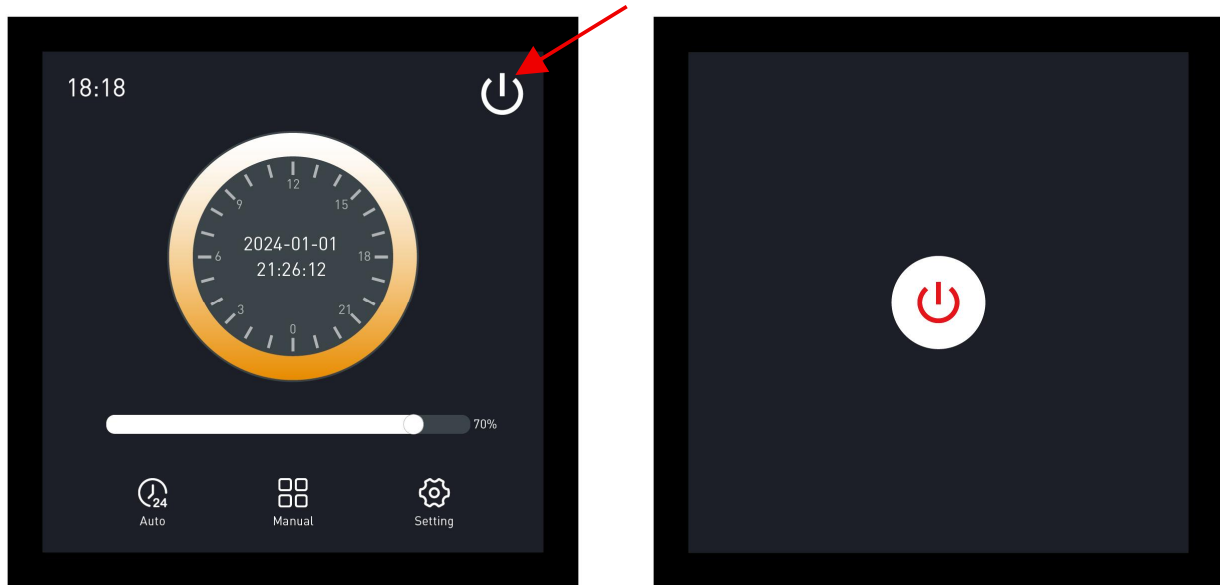
Auto Mode



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

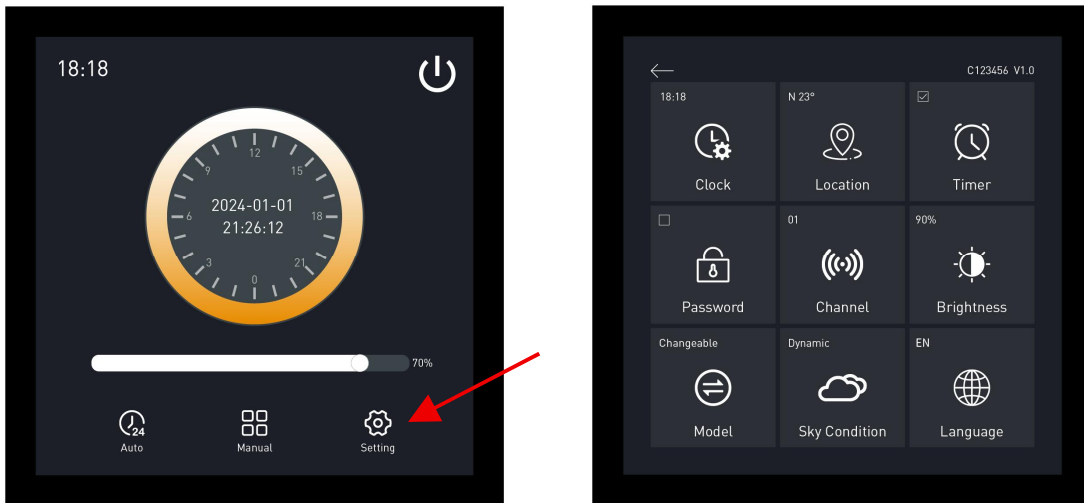


ON / OFF

- 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

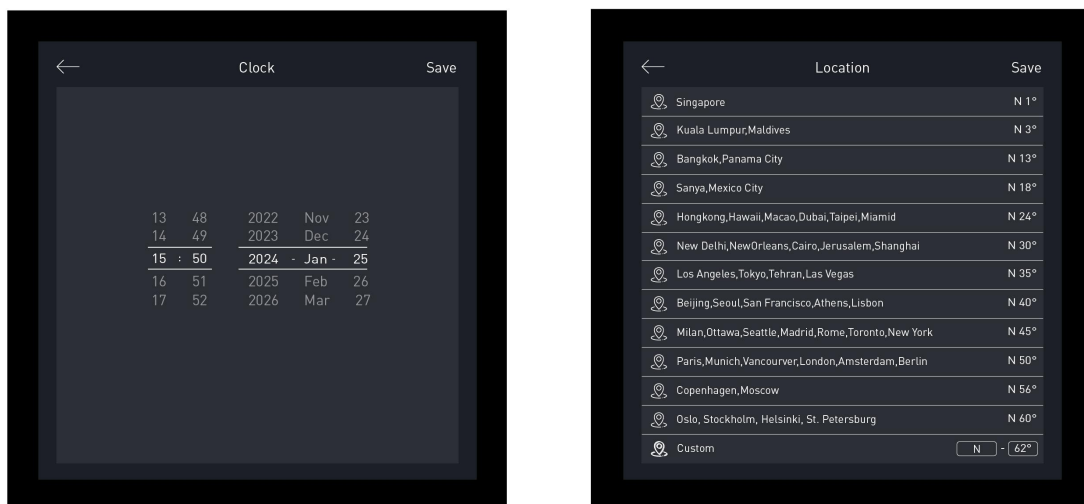
Memory function

- 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

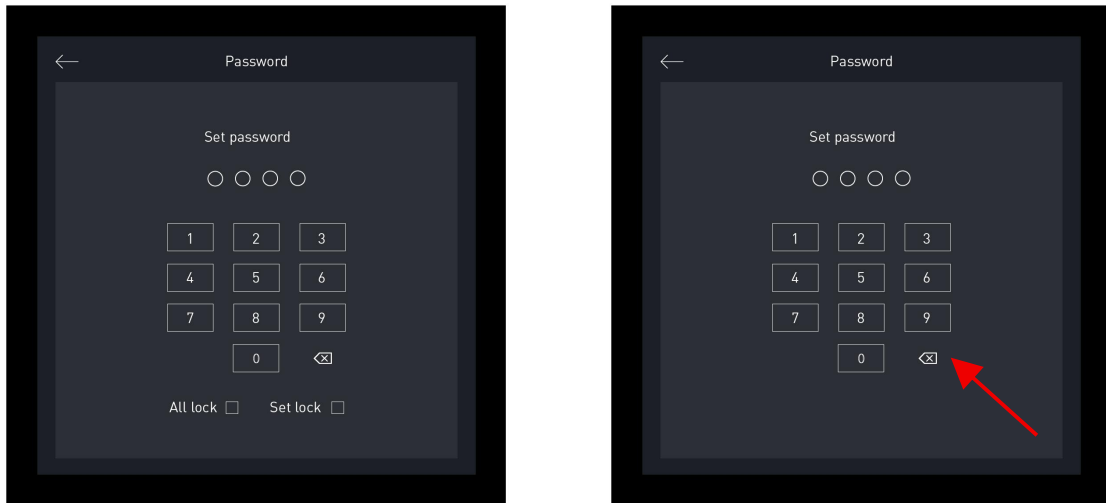
Location setting

- 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



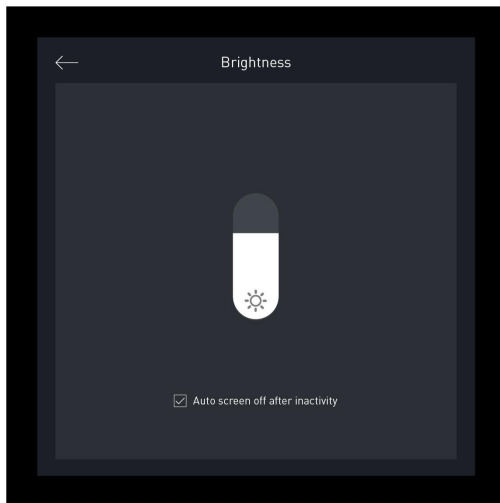
Timer setting

- 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 function
- Long press option for 3 seconds to delete the timer



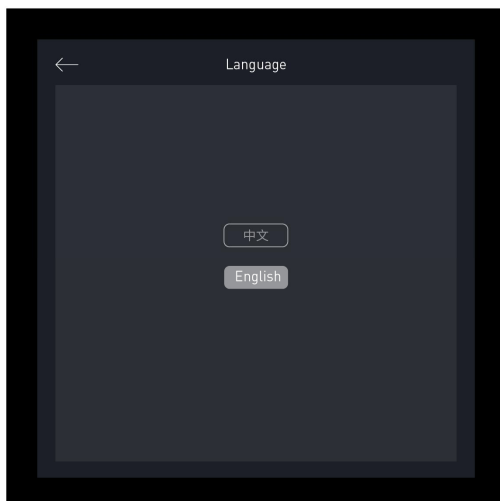
Password setting

- 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.



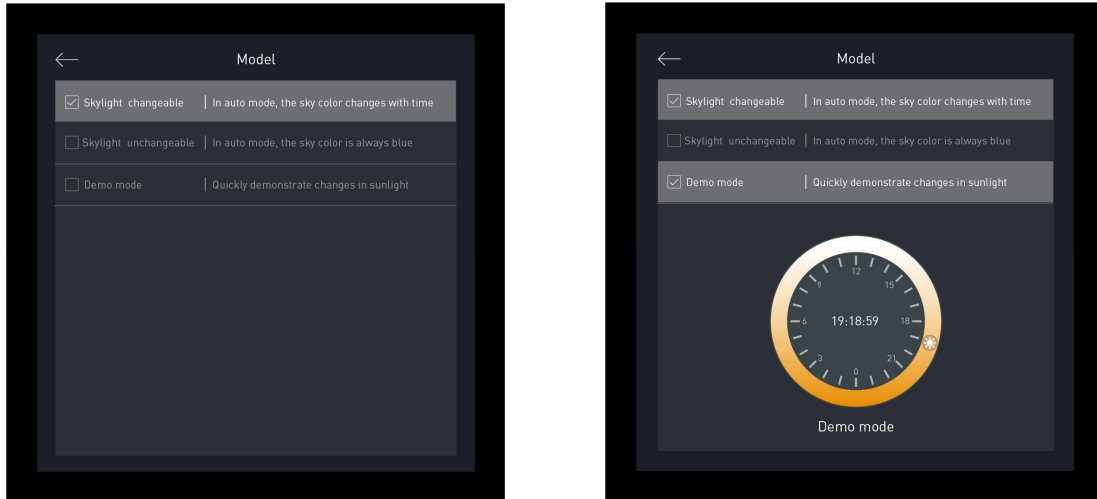
Brightness setting

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



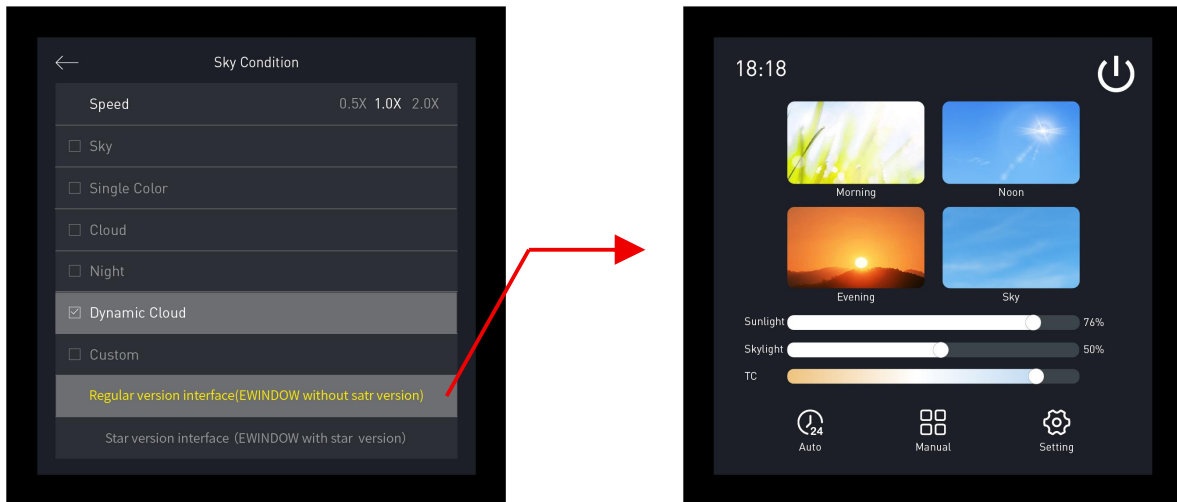
Language setting

- Choose language (Chinese or English)

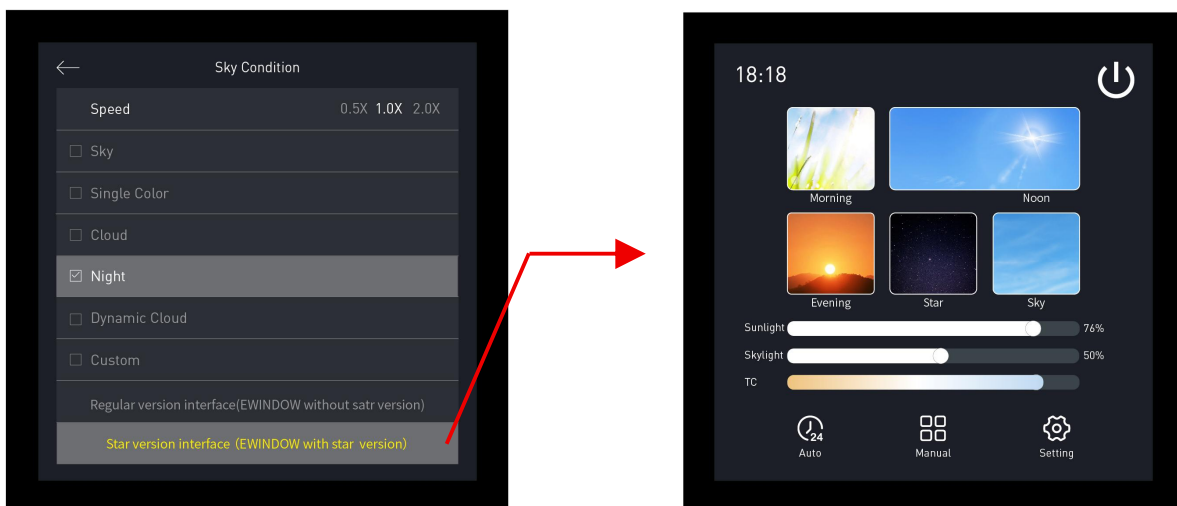


Mode setting

- Skylight changeable and Skylight unchangeable are only valid for the SOL 2.0 product.
- In Skylight changeable, 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.



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IF YOU HAVE ANY QUESTIONS, CONTACT US ☺

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