

SOLLUX SKYLIGHTING

BY LIGHTCORE

USER MANUAL

SOL - 0606

BRING THE OUTSIDE IN

CONTENT

1. Safety Information	3
2. Mounting Instruction	4
2.1 Recessed mounting instruction	4
2.1.1 Dimensions (Unit: mm)	4
2.1.2 Packing list	5
2.1.3 Recessed Mounting Procedure ...	6
2.1.4 Cautions of recessed mounting ...	7
2.2 Surface mounting instruction	8
2.2.1 Dimensions (Unit: mm)	8
2.2.2 Packing list	8
2.2.3 Surface Mounting Procedure	9
2.2.4 Cautions of surface mounting ...	9
3. Circuit Diagram	10
3.1 Circuit Diagram With Control Panel	10
3.1.1 Wireless mode for 4 SOLs	10
3.1.2 Wireless mode for +4 SOLs	10
3.1.3 Wired mode for 1 to 4 SOLs	11
3.1.4 Wired mode for +4 SOLs	11
3.2 Circuit Diagram Without Control Panel	12
3.2.1 DALI mode	12
3.2.2 Gateway mode	12
3.3 Control Panel installation	13
4. Control Panel Instructions	14
5. Troubleshooting Guide for Defective Phenomena	23

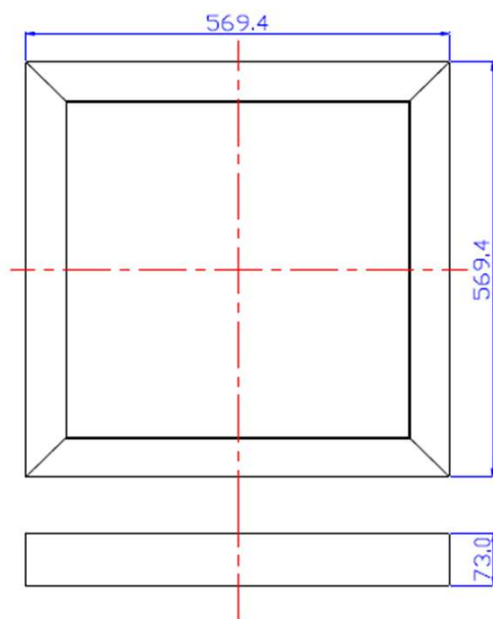
1. Safety Information

- No user serviceable parts inside. Speak with a skilled professional before attempting any repair.
- Disconnect from the power source before setting up or moving.
- Avoid direct eye exposure to the fixture when it is on.
- Make sure the power supply voltage is consistent with this light. 90V-277V~, 50Hz/60Hz.
- This light is designed for indoor use, Working temperature should be -20°C- 40°C.
- IP50, do not used product in very humid environment.
- Before mounting EWINDOW2-60, make sure the position you mounting is able to sustain enough weight.
- The fixtures require to be mounted in a place with adequate room for ventilation.
- Make sure there are no flammable or explosive items with 0.6m of fixture.
- Grounding is important for proper fixture operation.
- When moving, mounting or store EWINDOW2-60, do not apply force on the front toughened glass.
- Do not store the product up to three layers.

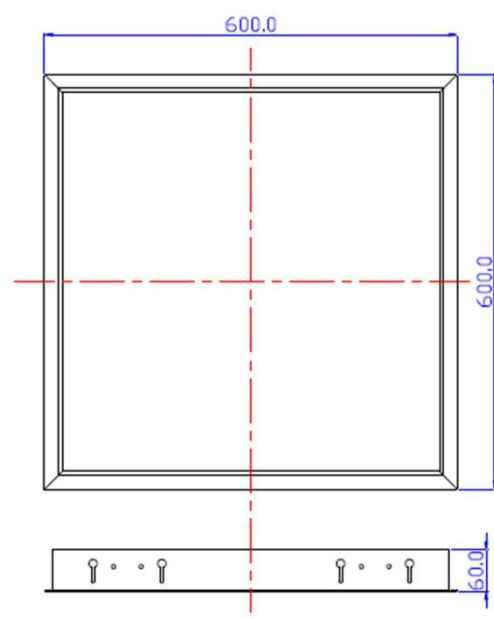
2. Mounting Instruction

2.1 Recessed mounting instruction

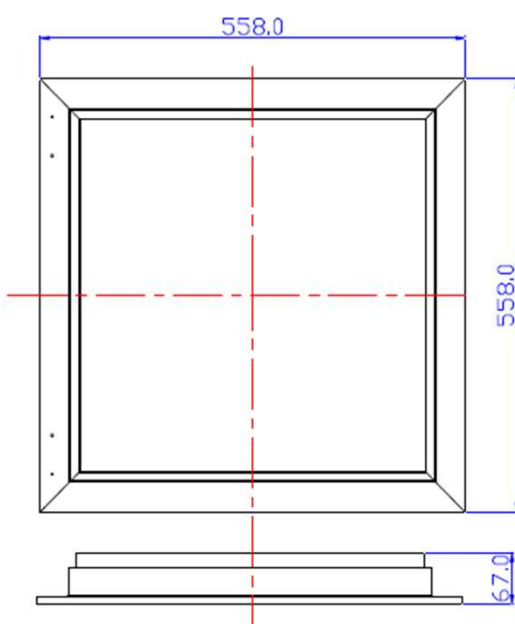
2.1.1 Dimensions (Unit: mm)



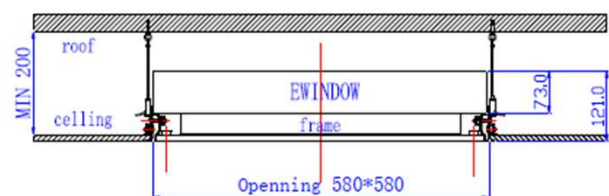
Dimensions of SOL



Dimensions of holding frame



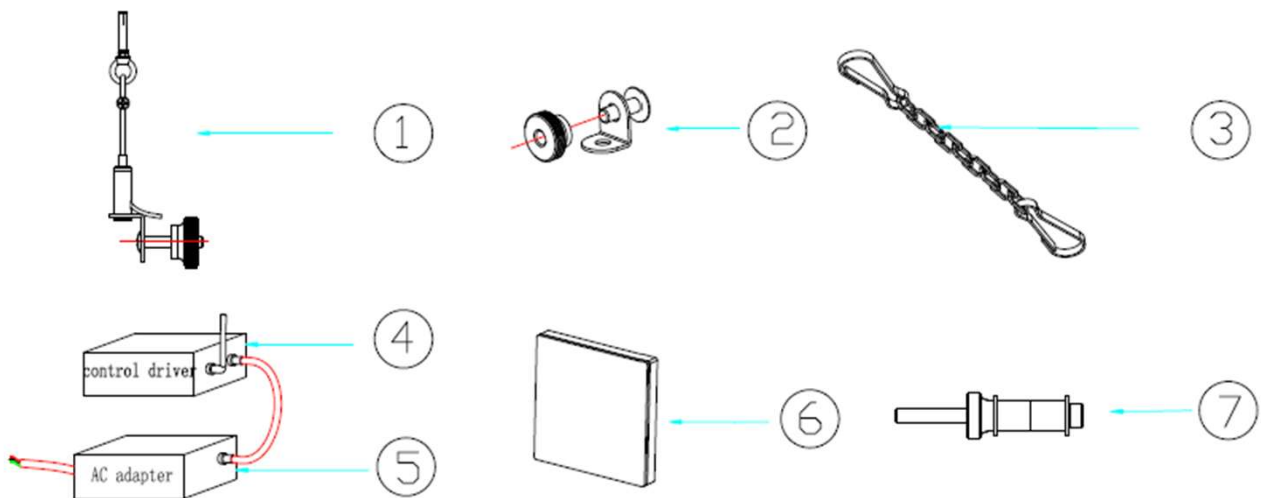
Dimensions of SOL



Dimensions of
mounting

2.1.2 Packing list

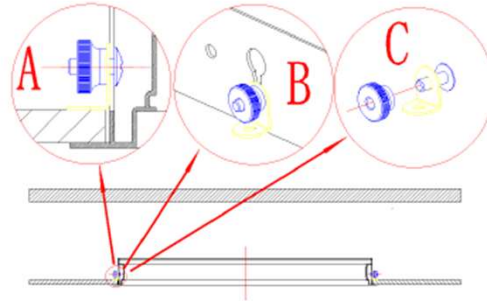
No.	Items	Details	Quantity
1	Steel string components 2.0	Expansion bolt + wire locker (with screw) + wire diameter 1.5mm wire rope +Hanging code 2+ stainless steel small corner code + big head PM5*25 screw + hand twist M5 nut	4 sets
2	Stainless corner components	1.1mm thick small corner code + hand twist nut + big head PM5*12 screw	8 sets
3	Stainless steel chain components	12cm long stainless-steel chain + 2 daring buckles	4 sets
4	Control driver	SOL_RFP120_48V2.5A, size: 194*68*39mm+Antenna	1 set
5	AC driver	HLG-150H-48A, size: 205*68*39mm	1 set
6	Control panel (optional)	Size: 86*86*36mm	1 set
7	Mounting frame splicing	M5*60 screw + 2 M5 flat pads + 2 M5*12 plastic columns +M5 hand twist nut (One SOL is not used)	2 sets



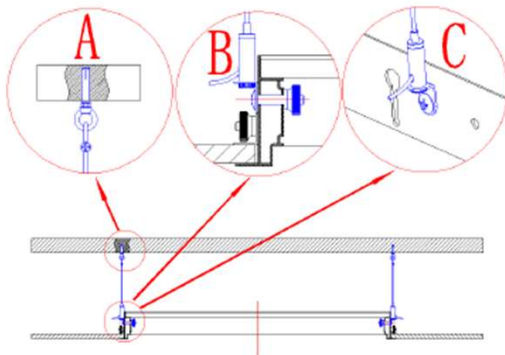
2.1.3 Recessed Mounting Procedure



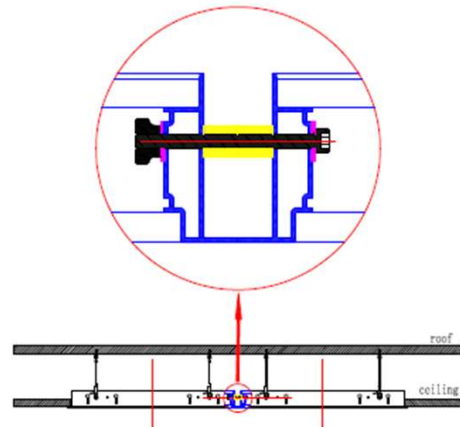
First: Open a 580*1180mm hole on suspended ceiling.



Second: Fixed holding frame on the suspended ceiling by 4 stainless corner brackets .



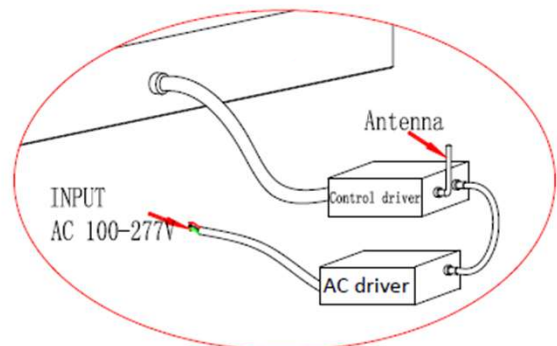
Third: Hang up the holding frame to the roof by 4 sets of steel string components



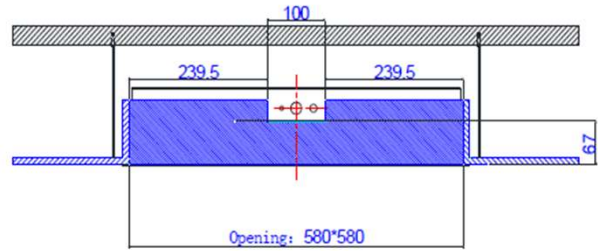
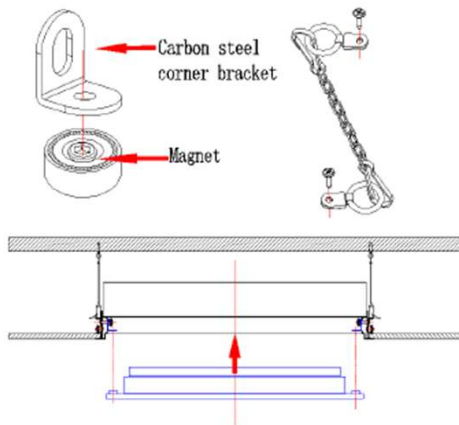
Fourth: If multiple SOLs are spliced, perform this step, if not splicing, go directly to the next step.



Fifth: Mount SOL on holding frame.



Sixth: Connect AC driver and Control Driver to SOL



Seventh: Lockup the steel chain by the retaining rings on front frame and holding frame, then fix front frame by magnet and carbon steel corner brackets.
Finish the mounting

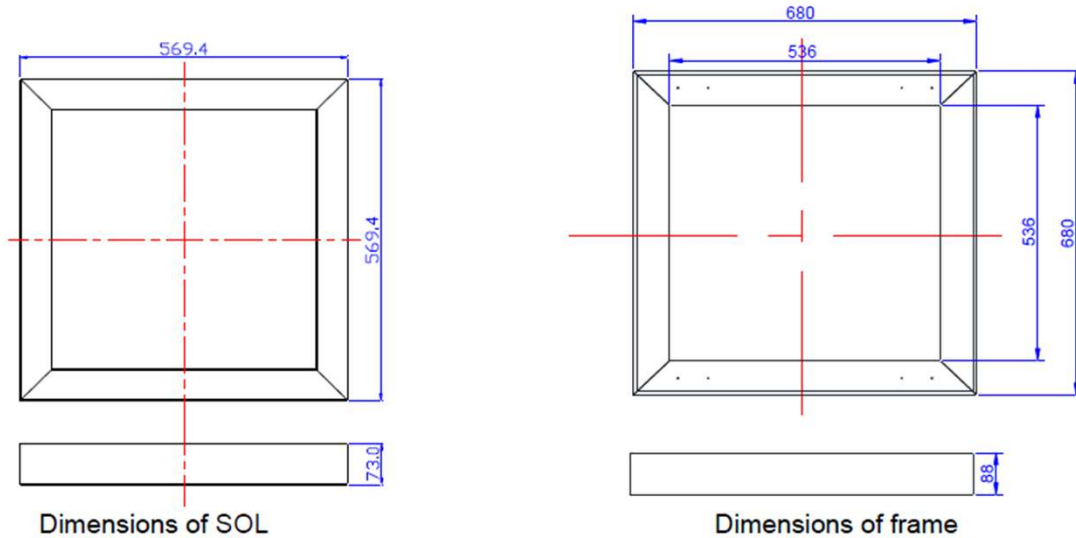
If the ceiling thickness is greater than 67mm, open a void hole for the wiring

2.1.4 Cautions of recessed mounting

- Check the firmness of the mounting place, make sure the weight capacity is enough.
- The minimum distance between suspended ceiling to roof is 200mm for mounting.
- Don't apply force on the front toughened glass.
- Maintain the steel strings in equilibrium during mounting.
- When install front frame, make sure that the magnet on front frame and the carbon steel corner bracket on holding frame is attracted tightly.
- When install front frame, make sure that steel chain have connected holding frame and front frame. It's a precaution of safety.

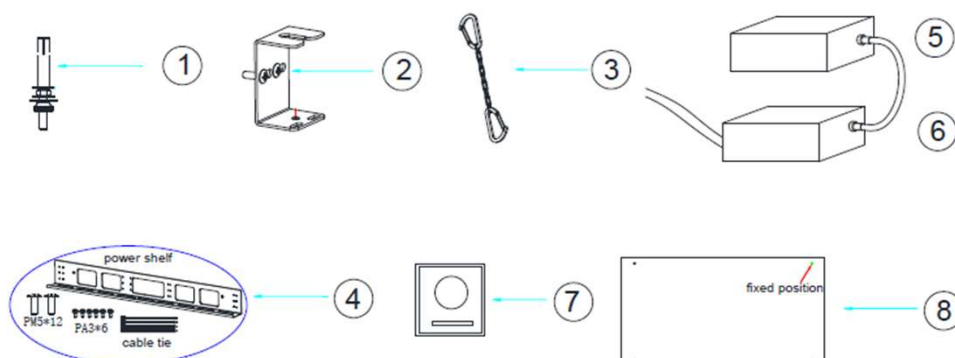
2.2 Surface mounting instruction

2.2.1 Dimensions (Unit: mm)

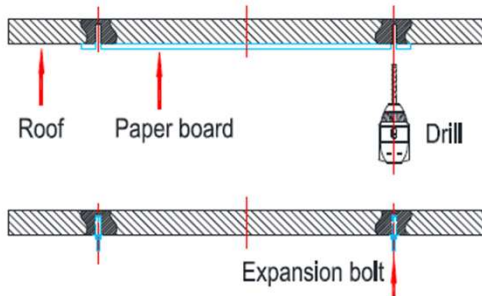


2.2.2 Packing list

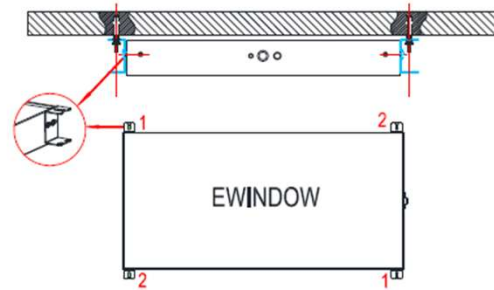
No.	Items	Details	Quantity
1	Expansion bolt	4 M6*100mm expansion bolt(contain 3 gaskets+2	4 sets
2	Carbon steel corner components	2mm carbon steel corner + 2 PM5*12	4 sets
3	Stainless steel chain components	10cm stainless steel chain + 2 daring buckles	1 set
4	Power shelf components	Power shelf+2 PM5*12+6 PM3*6+4 cable ties	1 set
5	AC driver	HLG-150H-48A, size: 205*68*39mm	1 set
6	Control driver	SOL_RFP240_48V5A, size: 230*68*39mm+Antenna	1 set
7	Control panel (optional)	Size: 86*86*36mm	1 set
8	Paper board	Size: 640*920mm	1 set



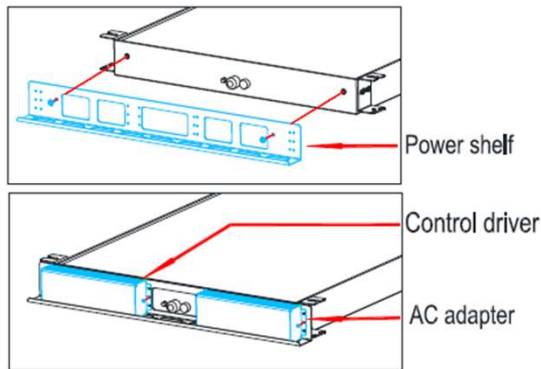
2.2.3 Surface Mounting Procedure



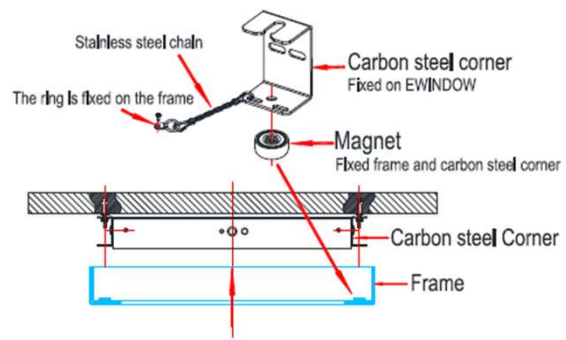
First: Use the paper board to mark four position on the roof, then drill four $\Phi 10\text{mm}$ holes, and fix four expansion bolts. Reserve enough power grid lines



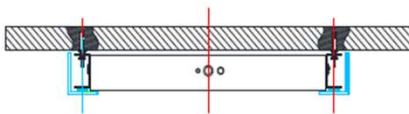
Second: Fix 2 two carbon steel corners at position 1 or 2, then fix SOL on roof, finally fix the other carbon steel corners.



Third: Fix the power shelf to SOL, and AC driver & Control driver to the power shelf, refer to the circuit diagram to connect the circuit.



Fourth: Lockup the steel chain by the retaining rings on frame by magnet and carbon steel corner.



Fifth: Finish the mounting

2.2.4 Cautions of surface mounting

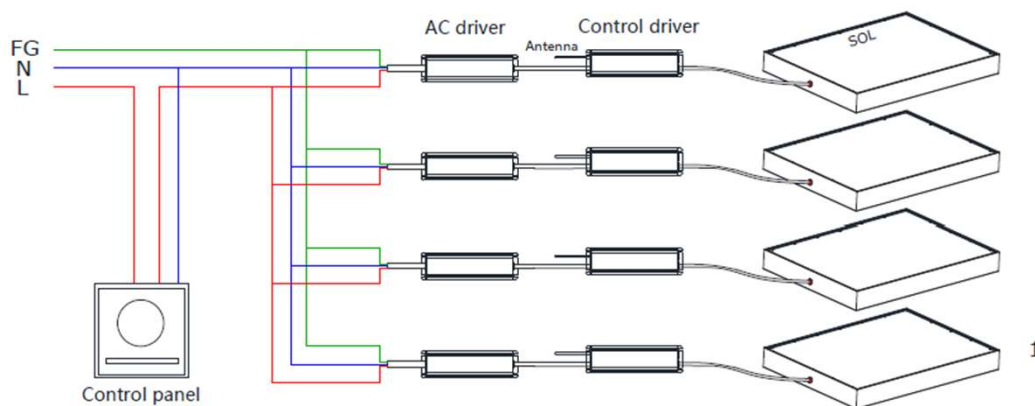
- Check the firmness of the mounting place, make sure the weight capacity is enough.
- Do not apply force on the front toughened glass.
- Make sure the wiring is connected properly during installation
- When install front frame, make sure that the magnet on front frame and the carbon steel corner bracket on holding frame is attracted tightly. Make sure that steel chain have connected holding frame and front frame. It's a precaution of safety.

3.Circuit Diagram

3.1 Circuit Diagram With Control

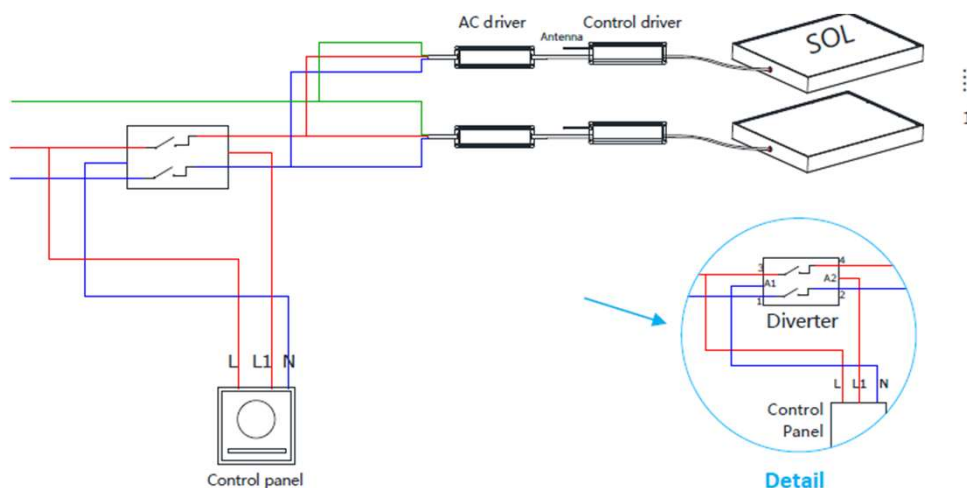
Panel 3.1.1 Wireless mode for 4 SOLs

- Control panel needs to be powered by L and N at the same time
- L1: control wire. The L1 connected to L of AC driver
- Antenna is connected to the control driver and erected



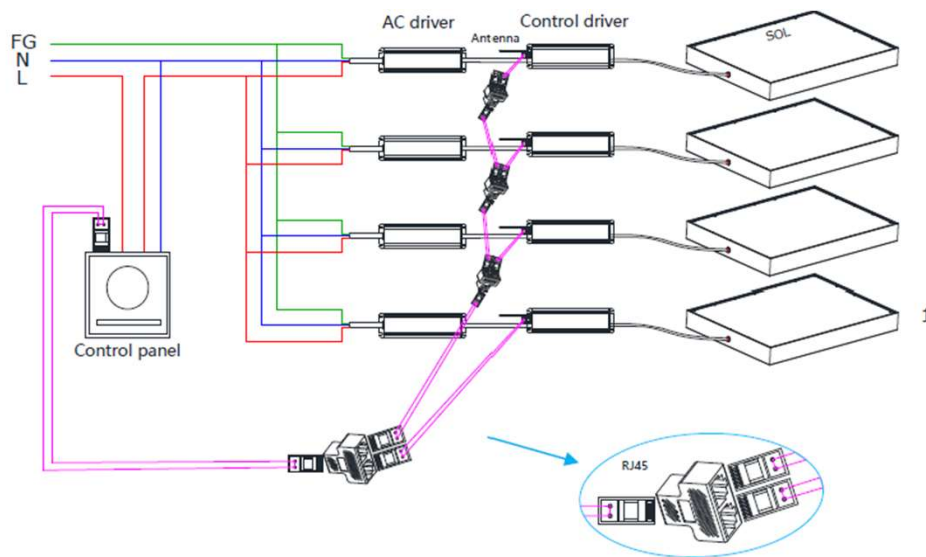
3.1.2 Wireless mode for above 4 SOLs

- Need to connect a diverter, refer to detail
- Control panel needs to be powered by L and N at the same time
- Antenna is connected to the control driver and erected



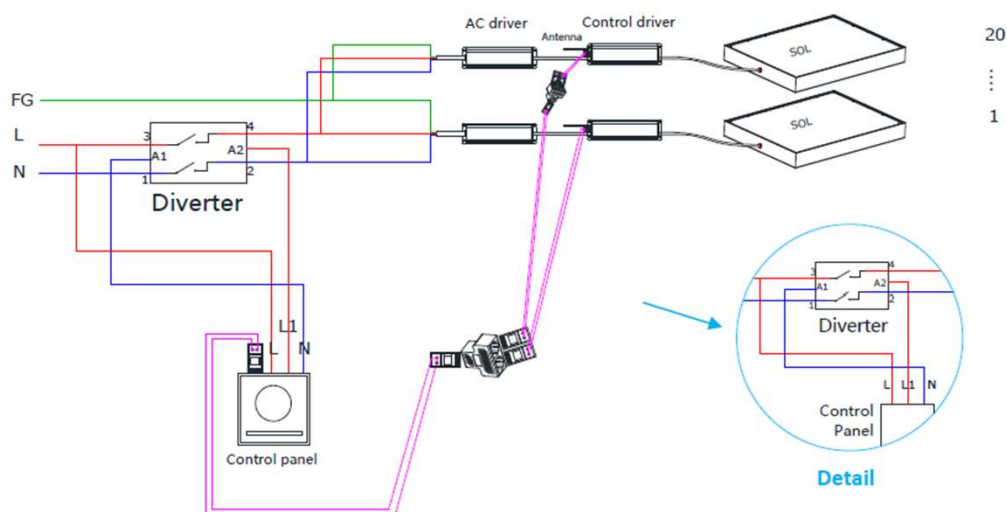
3.1.3 Wired mode for 1 to 4 SOLs

- Control panel needs to be powered by L and N at the same time
- Antenna is connected to the control driver and erected
- RJ45 connects control panel and control driver



3.1.4 Wireless mode for above 4 SOLs

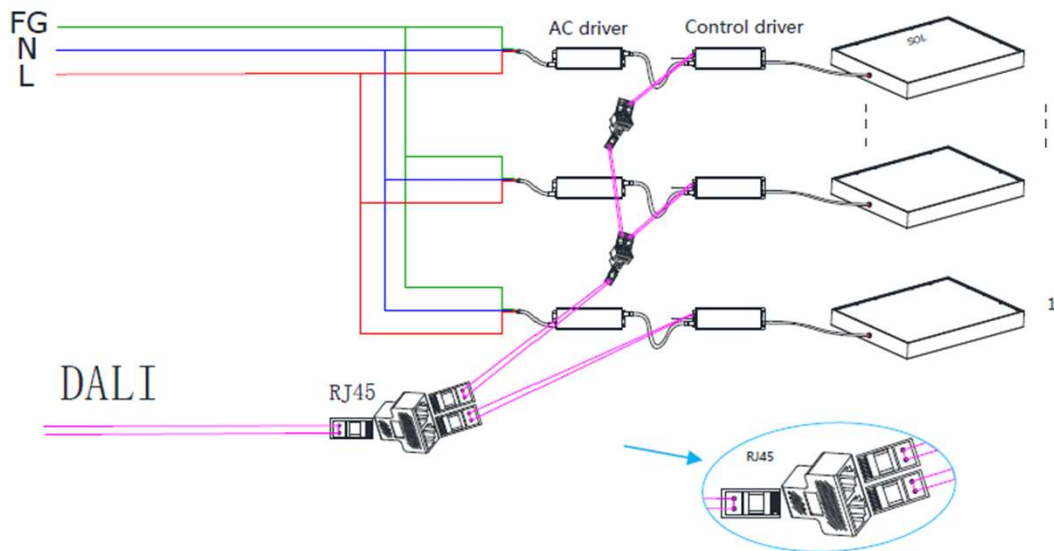
- Control panel needs to be powered by L and N at the same time
- Antenna is connected to the control driver and erected
- RJ45 connects control panel and control driver



3.2 Circuit Diagram Without Control Panel

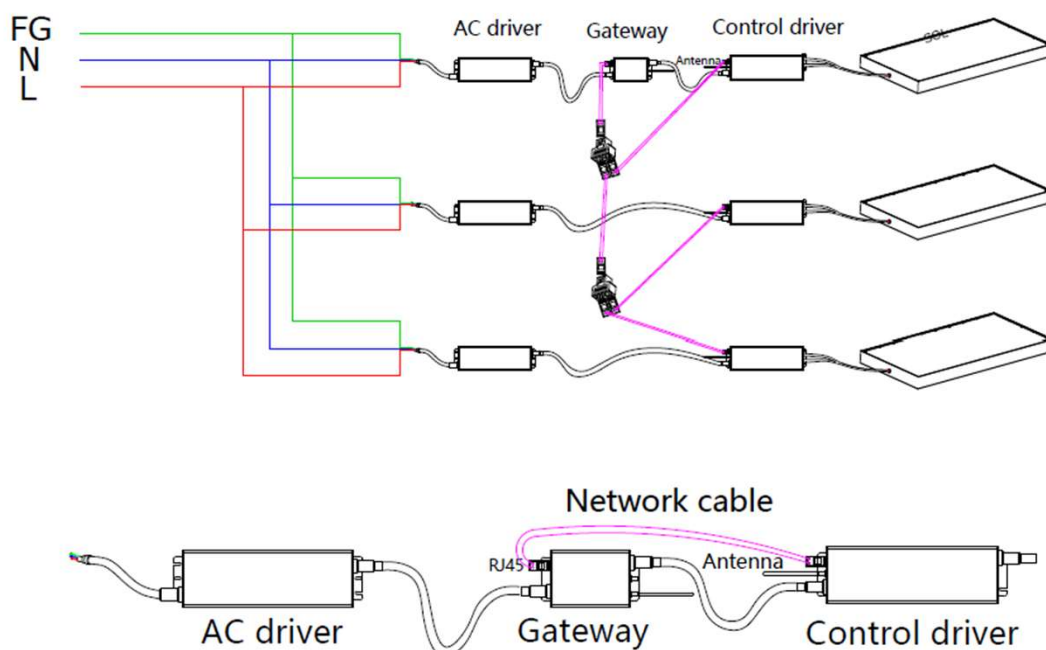
3.2.1 DALI mode

- RJ45 connects DALI system and control driver

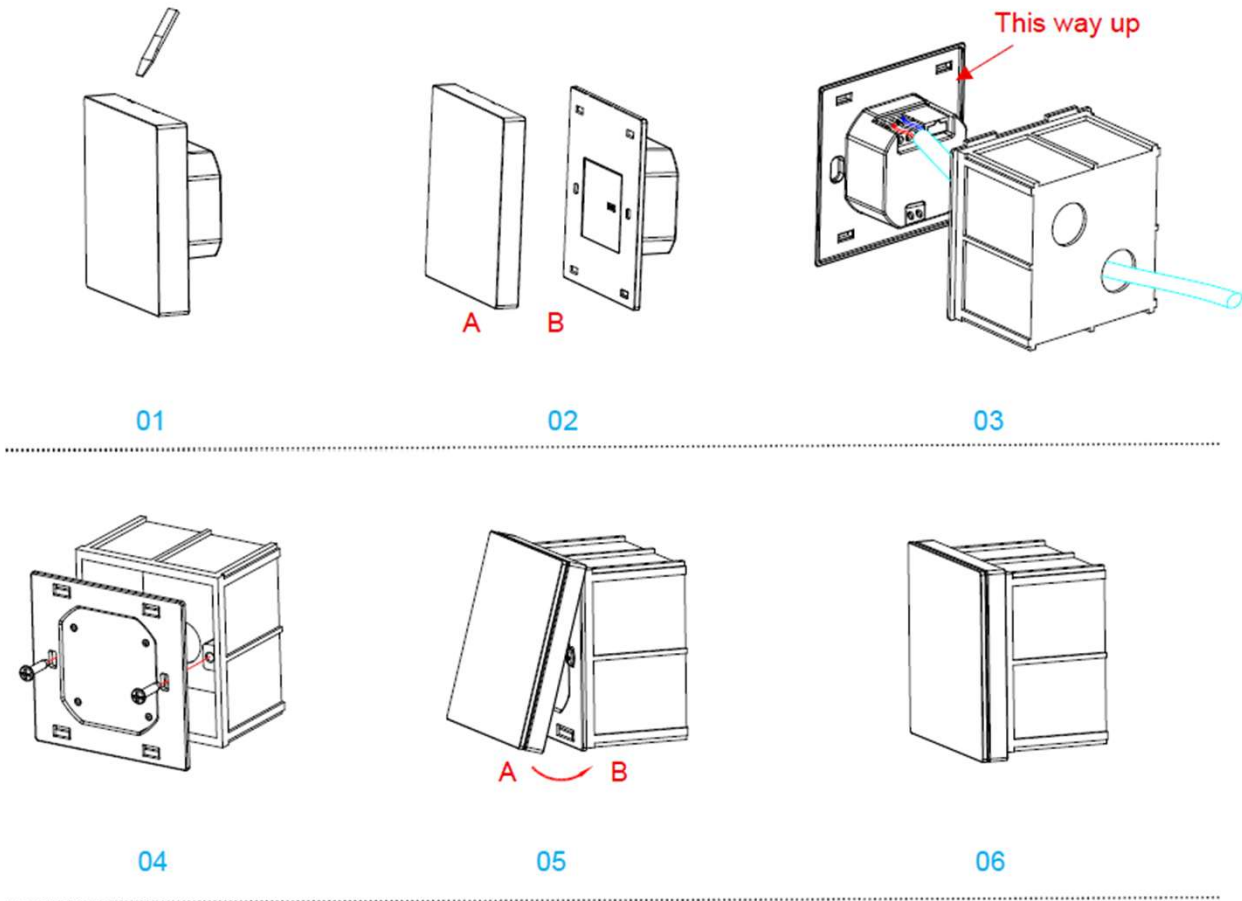


3.2.2 Gateway mode

- RJ45 connects gateway and control driver

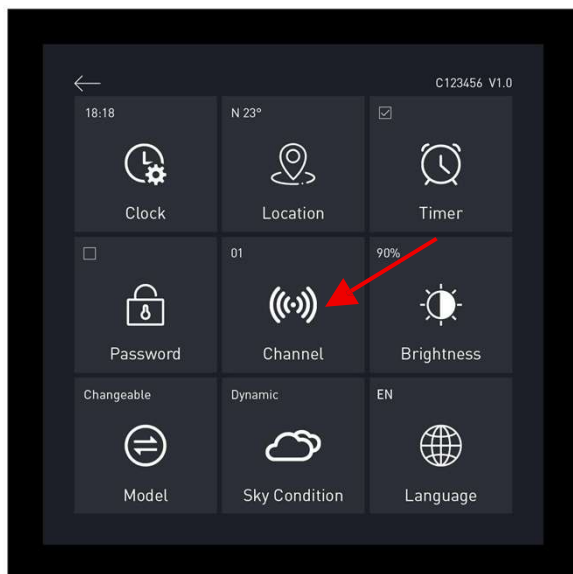
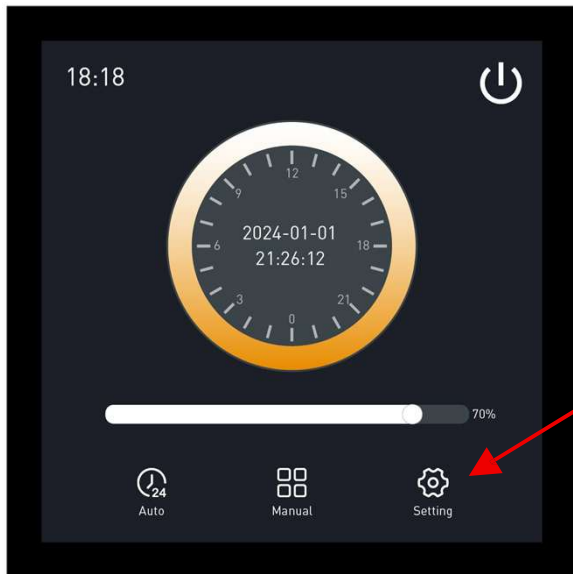


3.3 Control Panel installation



- 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

6.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



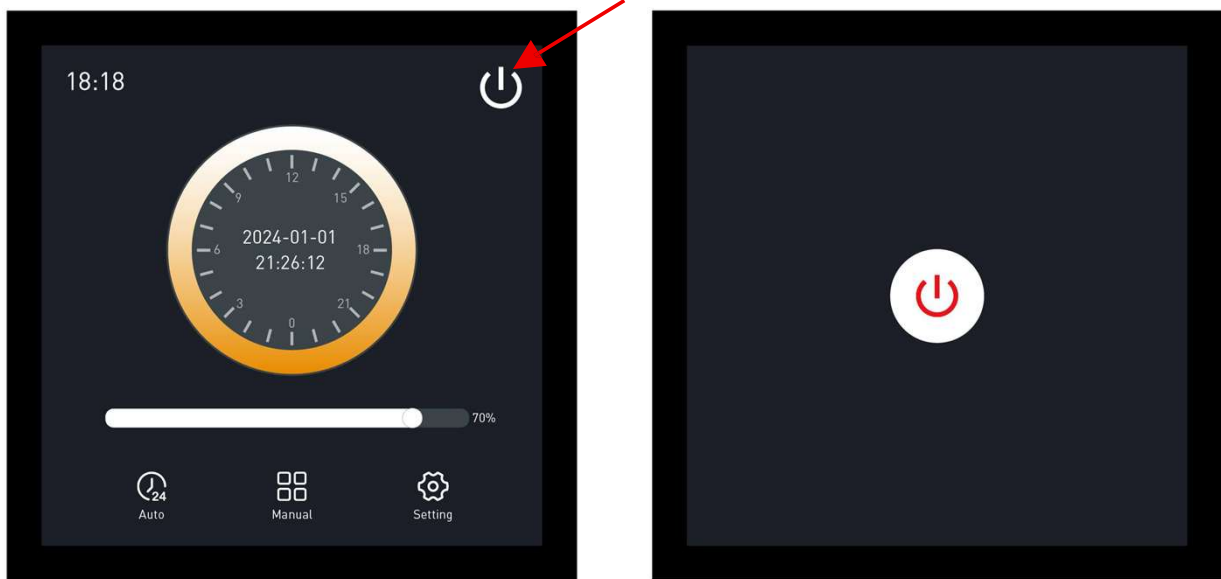
Auto Mode



Manual Mode

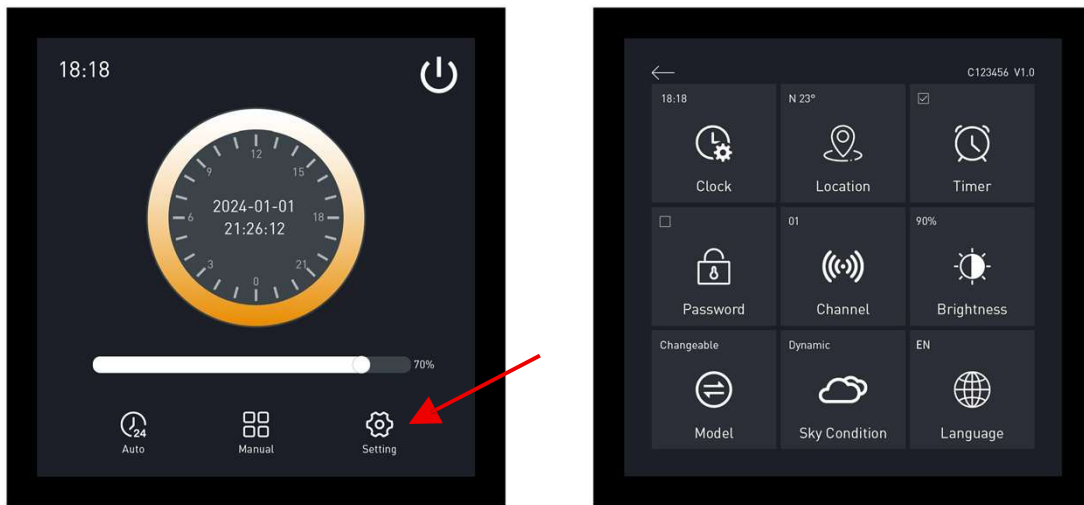
Auto / Manual Mode

- 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



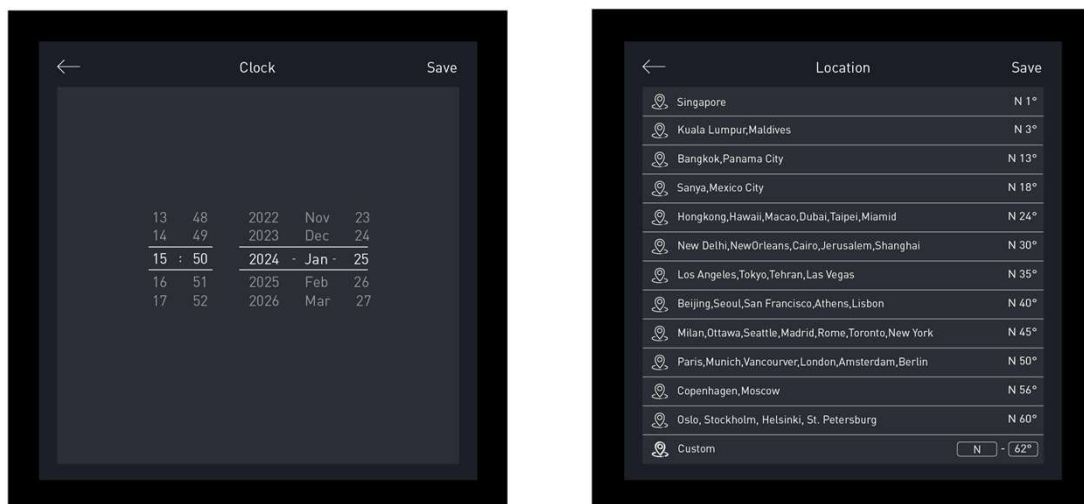
ON / OFF

- 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

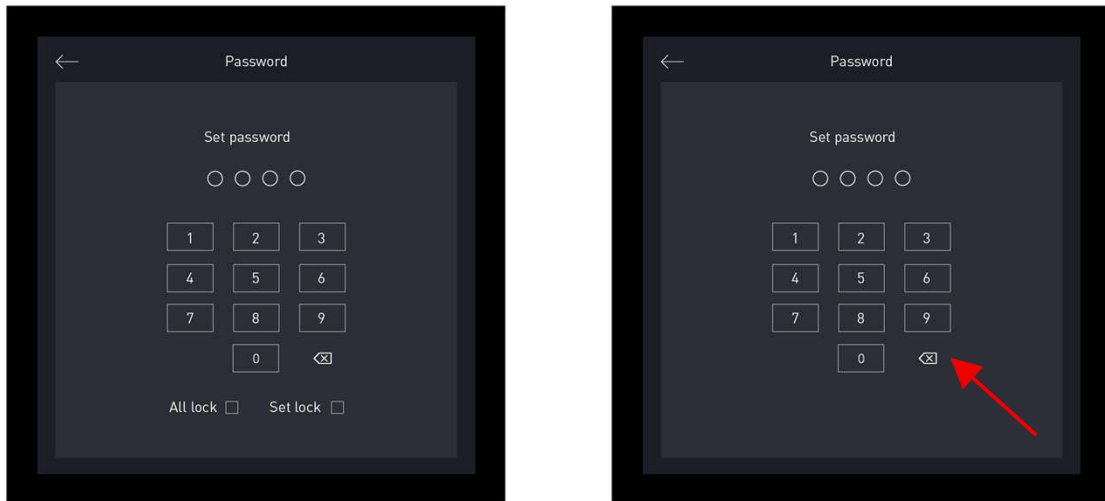
Location setting

- 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



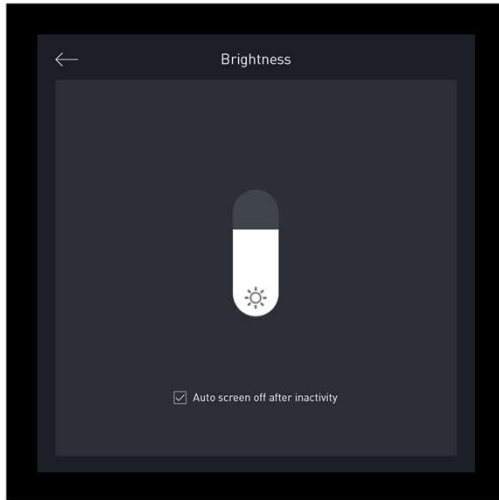
Timer setting

- 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



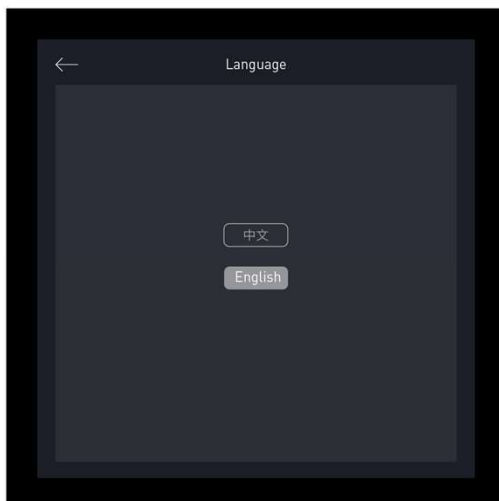
Password setting

- 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.



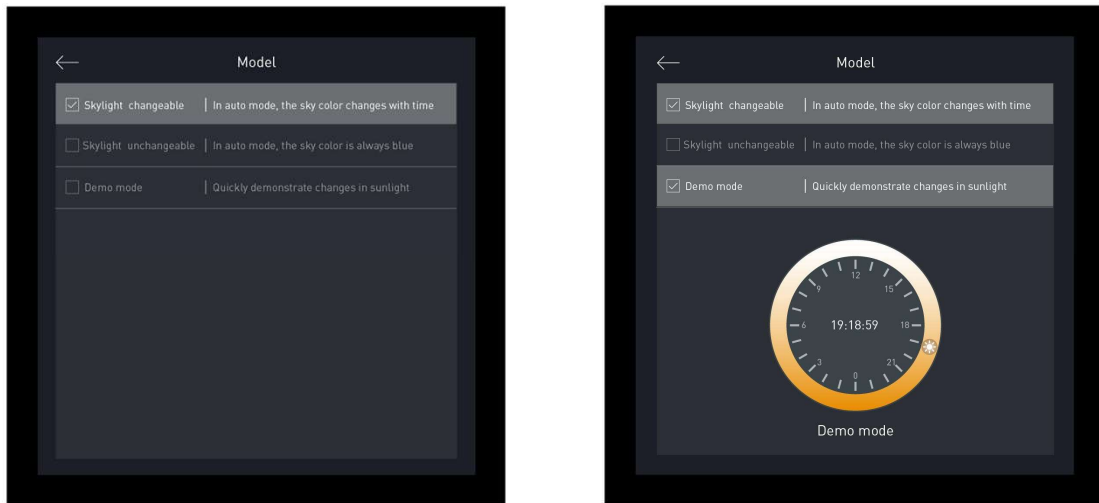
Brightness setting

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



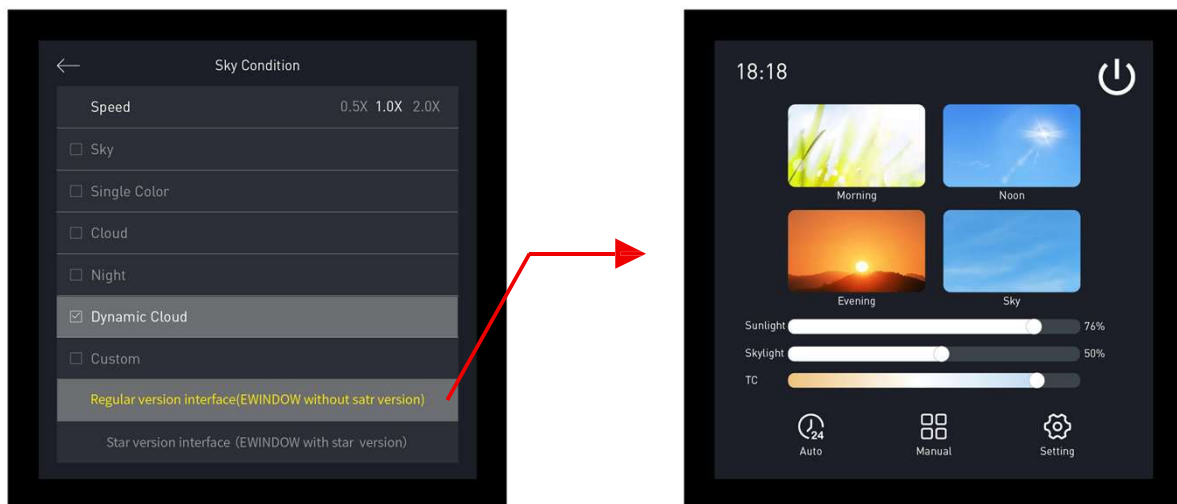
Language setting

- Choose language (Chinese or English)

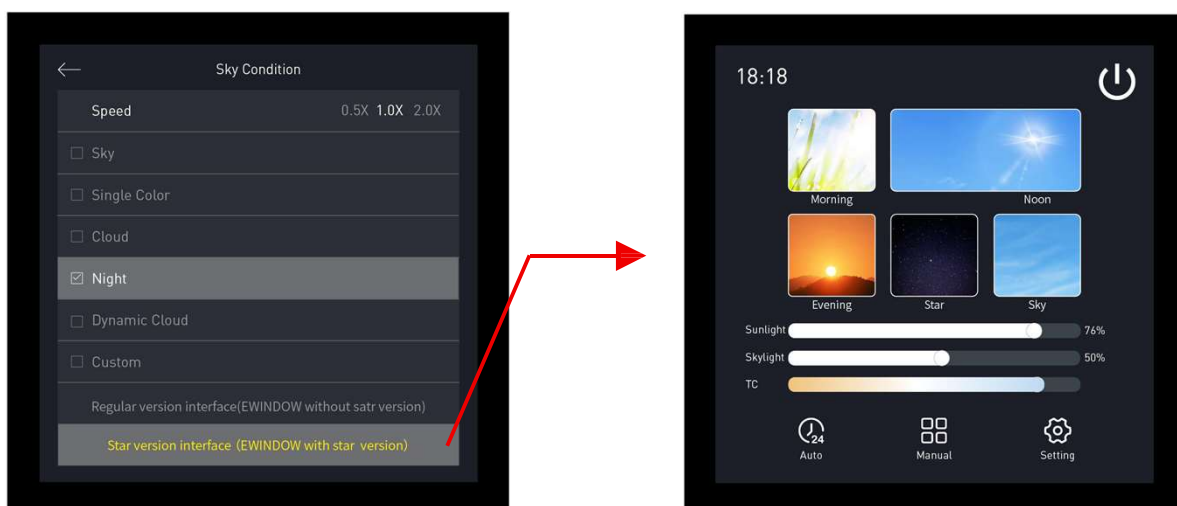


Mode setting

- Skylight 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.

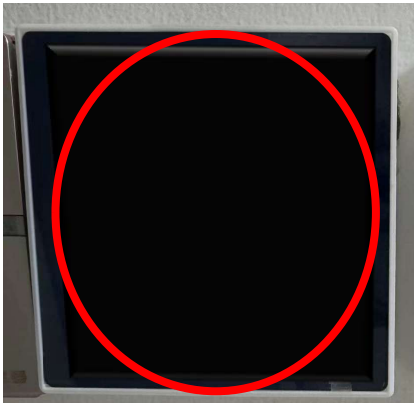
SOLLUX SKYLIGHTING

BY LIGHTCORE

Troubleshooting Guide for Defective Phenomena

BRING THE OUTSIDE IN

Defective Phenomenon: Screen is completely black with no display



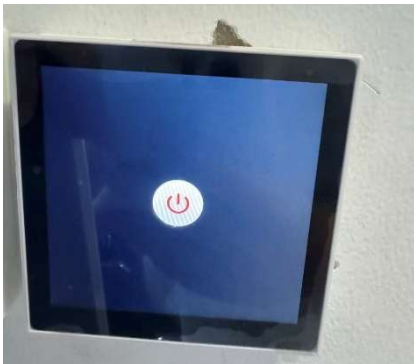
Blacked out screen

1. Black screen occurs during initial installation

- ① Possible problem: L, L1, N, L and L1 are reversed.
- ② Poor connection: wire loose, terminal screw not tightened.
- ③ Wire is single-strand, relatively hard; not pre-shaped before connection, forced into the junction box, damaging the terminal (Most common issue).

2. Black screen occurs after a period of use

- ① Relay inside control panel failed – replace control panel.
- ② Fuse failed – fuse resistor burned due to sudden surge voltage/current. (Possible causes: lightning strike; short circuit of another electrical device in the same circuit causing a sudden current surge that blows the fuse)
- ③ Display failed – remove and replace the display. (Out of warranty, natural aging; hot-swapping display; improper operation, forceful tapping, loose screen connection)



Normal Standby

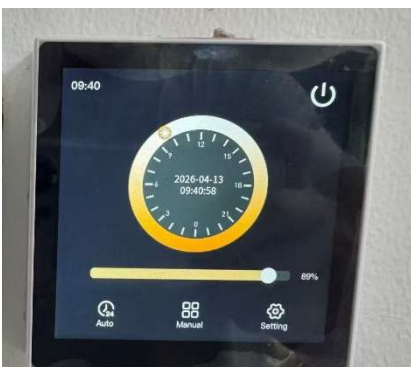
3: How to Prevent?

I. Precautions for initial installation

- ① Strictly follow the wiring diagram. Label and distinguish wires in advance.
- ② Shape single-strand wires or replace with multi-strand flexible wires. Adjust wire length properly; do not force wires against the panel.
- ③ If conditions allow, put skylight lights on a separate circuit, not shared with other devices.

II. Precautions during use

- ① Use light touch; do not press or tap the touch screen.
- ② Do not wipe with wet cloth when cleaning. If possible, disconnect power before cleaning.



Normal Working Display

Analysis: Indicator Lights on Driver



Off



Yellow on



Green on



Green-Yellow on



Green-Yellow flashing

I. For SOL series driver (exclude SOL MINI-0306)

1. Both off: ① No power ② If still off after confirming power, check wiring; finally confirm AC power failure.
2. Yellow on: Wireless mode active (controlled by control panel)
3. Green on: Wired mode active (control panel / gateway / customer smart 485 protocol)
4. Green-Yellow on: DALI mode active (customer DALI smart system / DALI control panel)
5. Green-Yellow flashing: Power connected, no signal input.

II. SOL MINI-0306 and SOL-P (Circadian Panel) light driver (don't have wireless mode connection)

1. Yellow represents the power supply
2. Green represents the signal

So,

1. Yellow on only: No signal input.
2. Yellow -Green on: Signal input present.

Luminaire Defect Analysis: Display Issues



Display letters/ characters



Sky not display



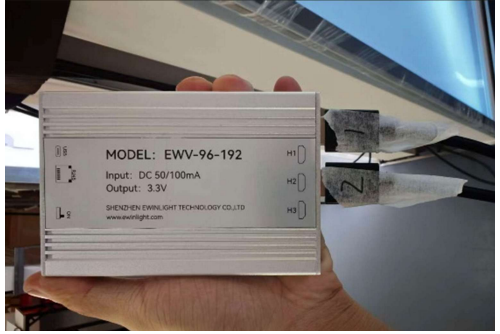
Half display



Pattern misalignment



Normal display

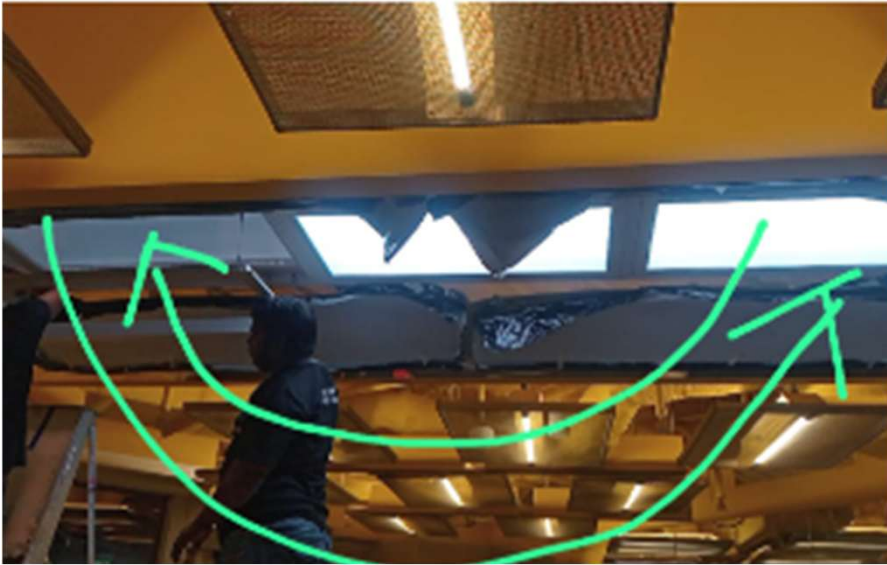


Video player

I. SOL Dynamic Sky series products (1212/1206/2406)

1. Display shows letters: Video player signal is present and wiring is correct – it's issue of content inside video player. ① Possible Select the wrong sky mode on control panel (double check)
2. Sky not displayed: No video player signal input (Check if video player wiring is correct and both ends are properly connected; or video player is faulty)
3. Only half displayed: Video player has two HDMI inputs (H1 and H2). Half not lit means no signal input or luminaire issue.
 - ① Check the other end of wiring. ② Swap H1/H2 – if the lit/unlit halves persists the same positions, luminaire is faulty. ③ Swap H1/H2 – if the lit/unlit halves swap positions, luminaire is fine; confirm video player issue.
4. Pattern misalignment: H1/H2 of video player are reversed. (Swap the H1/H2 HDMI cables)

Luminaire Defect Analysis



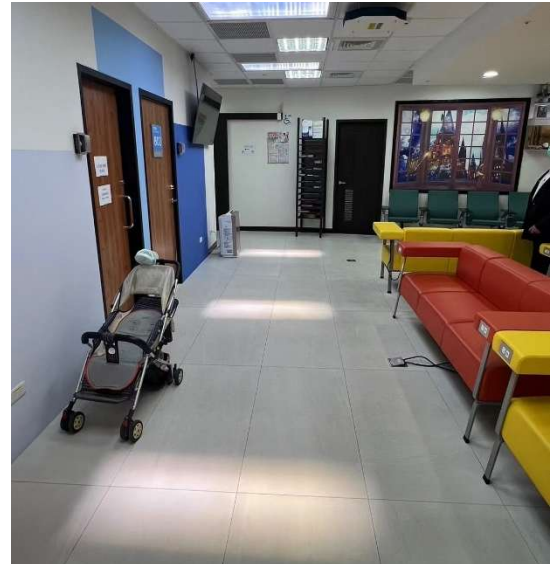
Slightly dim on the left,- Normal brightness on the right



Single light not lit (not even dim)



Purple light spot



Spot on floor has color separation

Static sky product defect analysis

1. Slightly dim light: Power is connected, but no signal input. (Check the control power supply, observe the indicator light color – refer to the previous section for driver)
2. Light not lit: No power. (Check the wiring and whether the driver indicator light is on; if wiring is fine but indicator is off, the driver is faulty and needs replacement)
3. Purple light spot: Indicates that the phosphor coating on the LED beads has fallen off – generally this happens when the lifespan exceeds 5 years; or individual LED beads have failed. The unit needs to be sent back for repair.

Limited Warranty

SOLLUX warrants the SOL Skylight products, power supplies, and control components to be free from defects in materials and workmanship under normal operating conditions for a period of **5years** from the date of installation or purchase.

This warranty covers defects in materials and workmanship under normal operating conditions when installed and used in accordance with the supplied instructions.

Warranty Includes

- Skylight fixture/system supplied by SOLLUX
- LED components supplied by SOLLUX
- Drivers and power supplies by SOLLUX
- Control systems and accessories supplied by SOLLUX

Warranty Exclusions

This warranty does not cover:

- Incorrect installation or wiring
- Misuse, modification, or accidental damage
- Power surges or external electrical faults
- Water ingress caused by improper installation
- Labour or reinstallation costs
- Products that aren't supplied by SOLLUX

If a SOLLUX product is found to be defective within the warranty period, **SOLLUX** may repair, replace, or provide credit for the affected product at its discretion.

For warranty claims, please contact:

SOLLUX

07 2112 6261

hello@solluxskylighting.com

www.solluxskylighting.com

This warranty is provided in addition to consumer guarantees under Australian Consumer Law.



Lightcore

Lighting Solution Experts

📱 [lightcore_lighting](#)
[lightcore.com.au](#)
1300 652 719

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