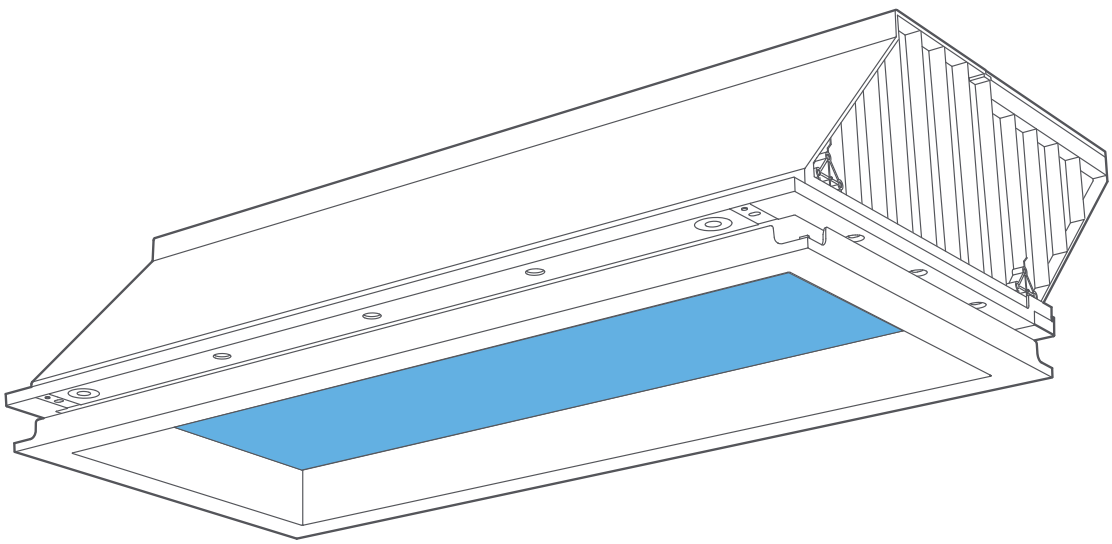
Yeelight Pro Rooflight P21

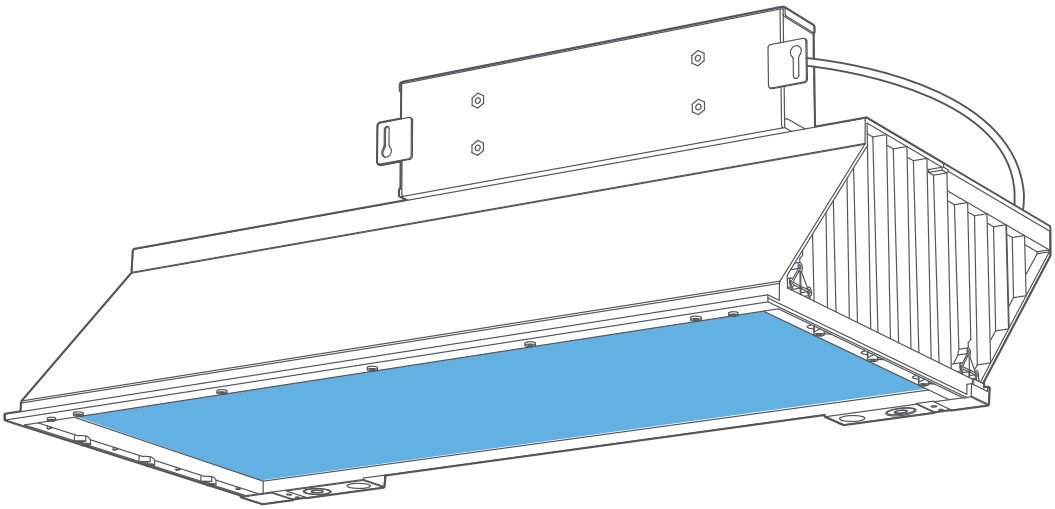
User Manual



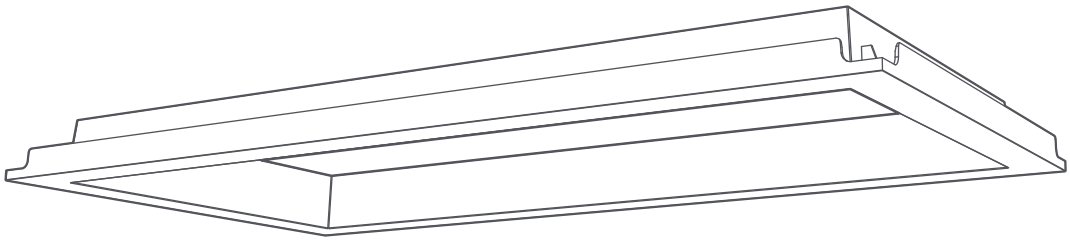
YEELIGHT

Read this manual carefully before use, and retain it for future reference.

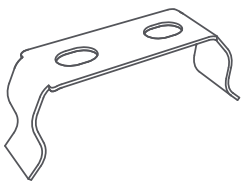
Package Contents



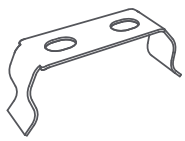
Rooflight P21



Frame



Joist Connector (large)×4



Joist Connector (small)×4

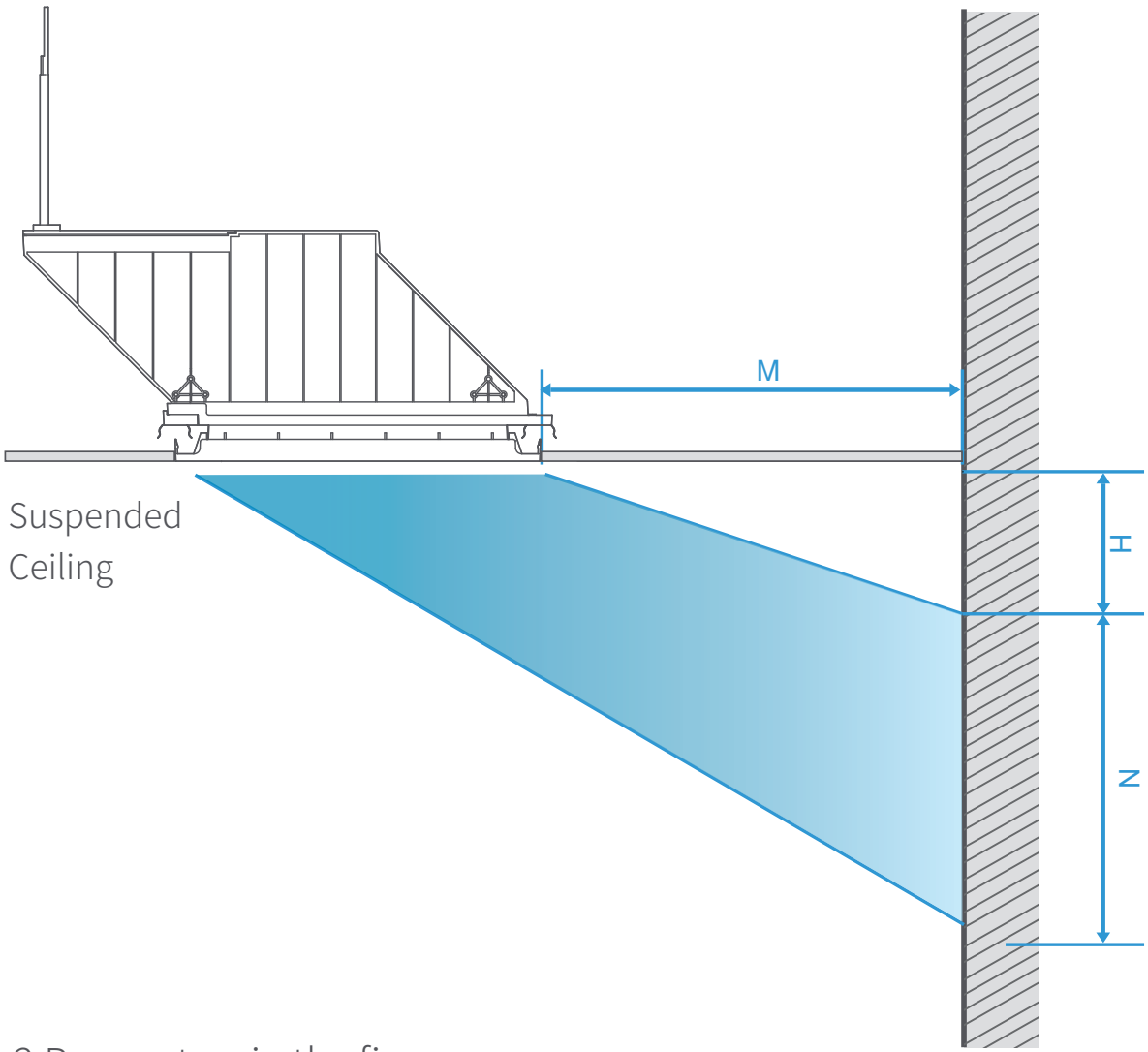


Screws×6

Note: Illustrations of product, accessories, and user interface in the user manual are for reference purposes only. Actual product and functions may vary due to product enhancements.

Installation position and lighting direction

1. Suspended Ceiling

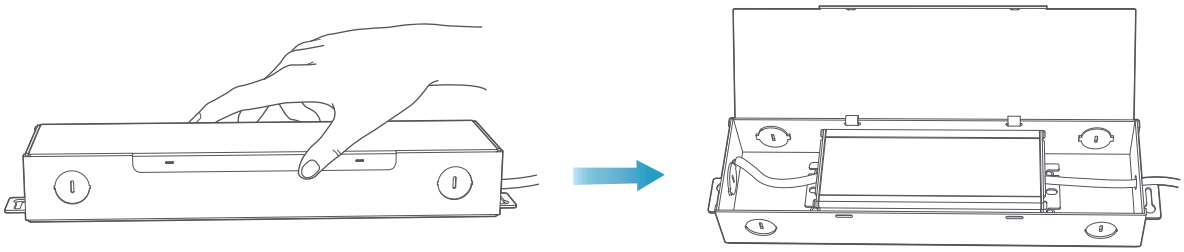


2.Parameters in the figure:

M: Distance from the frame’ s outer edge to wall
H: Distance from top edge of light projection to celling
N: Light projection area

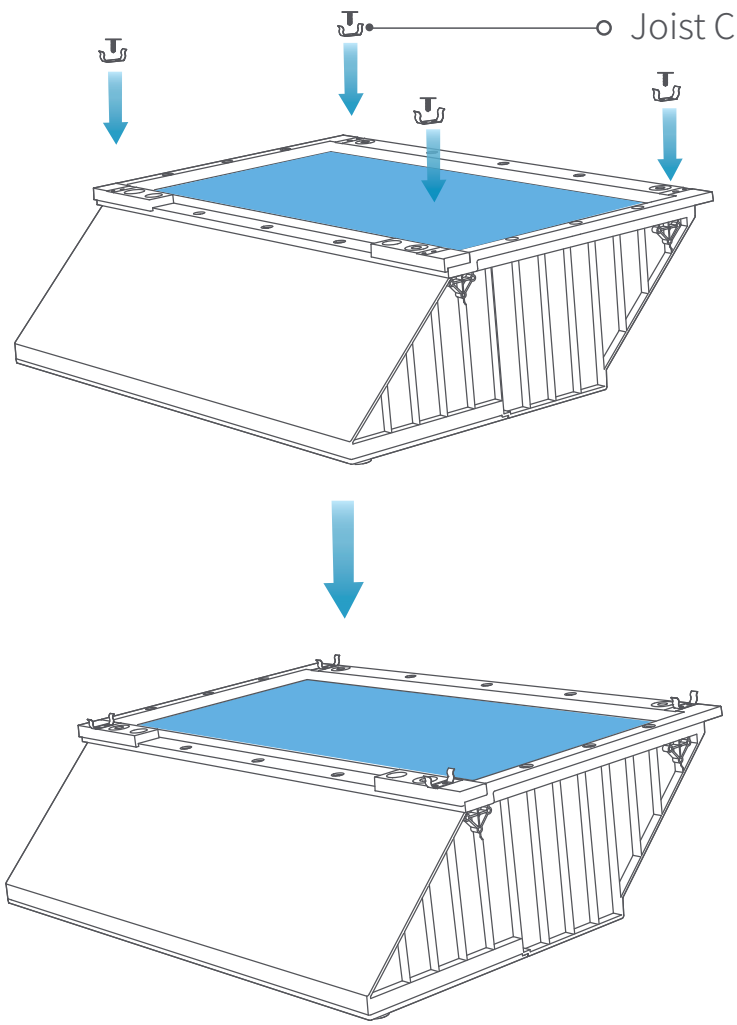
3. Adjust the distance (M) from rooflight to wall based on your height (H) of light projection via a formula M=3.3H

Installation steps



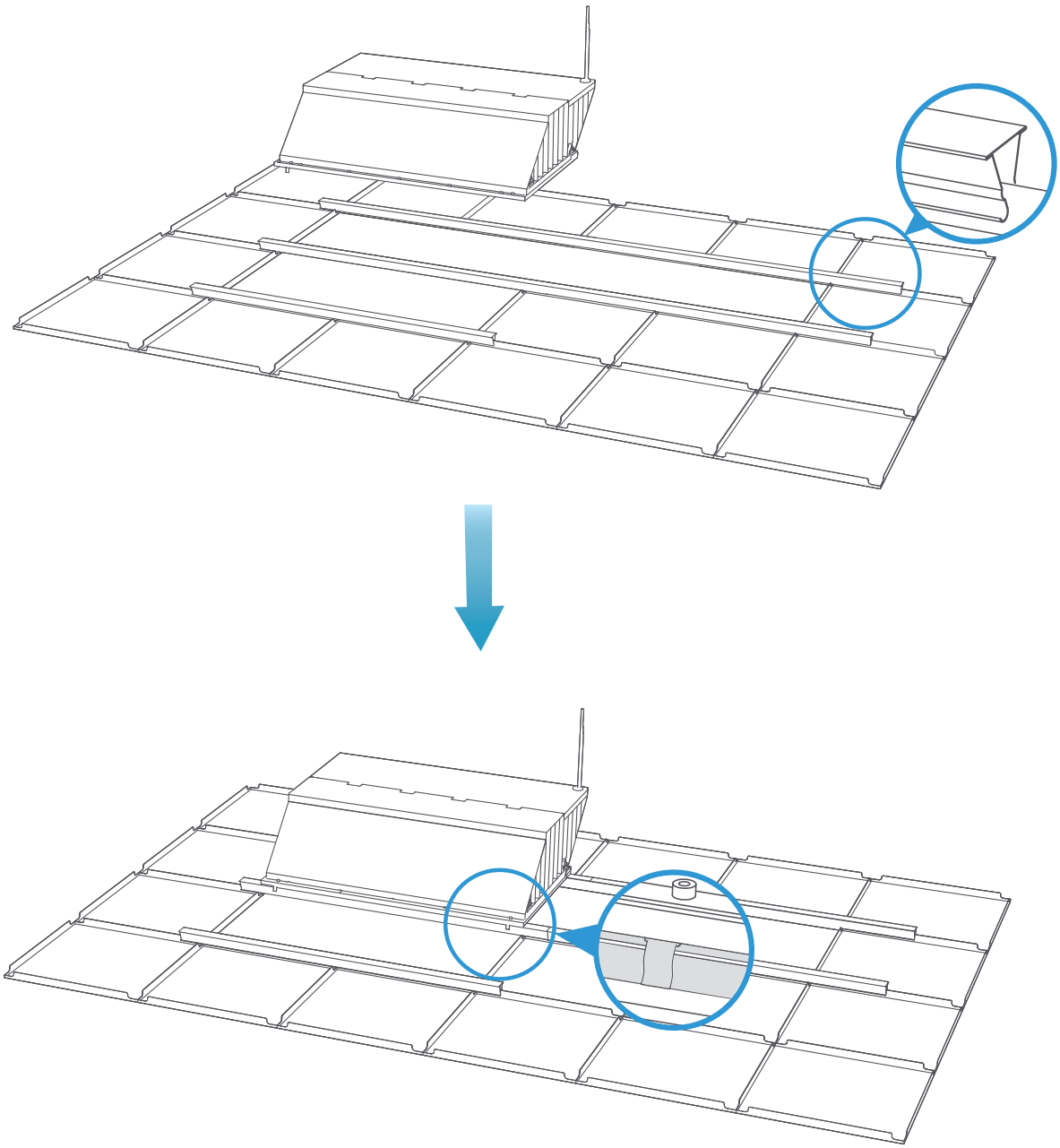
Installing a single light on aluminum gusset ceiling

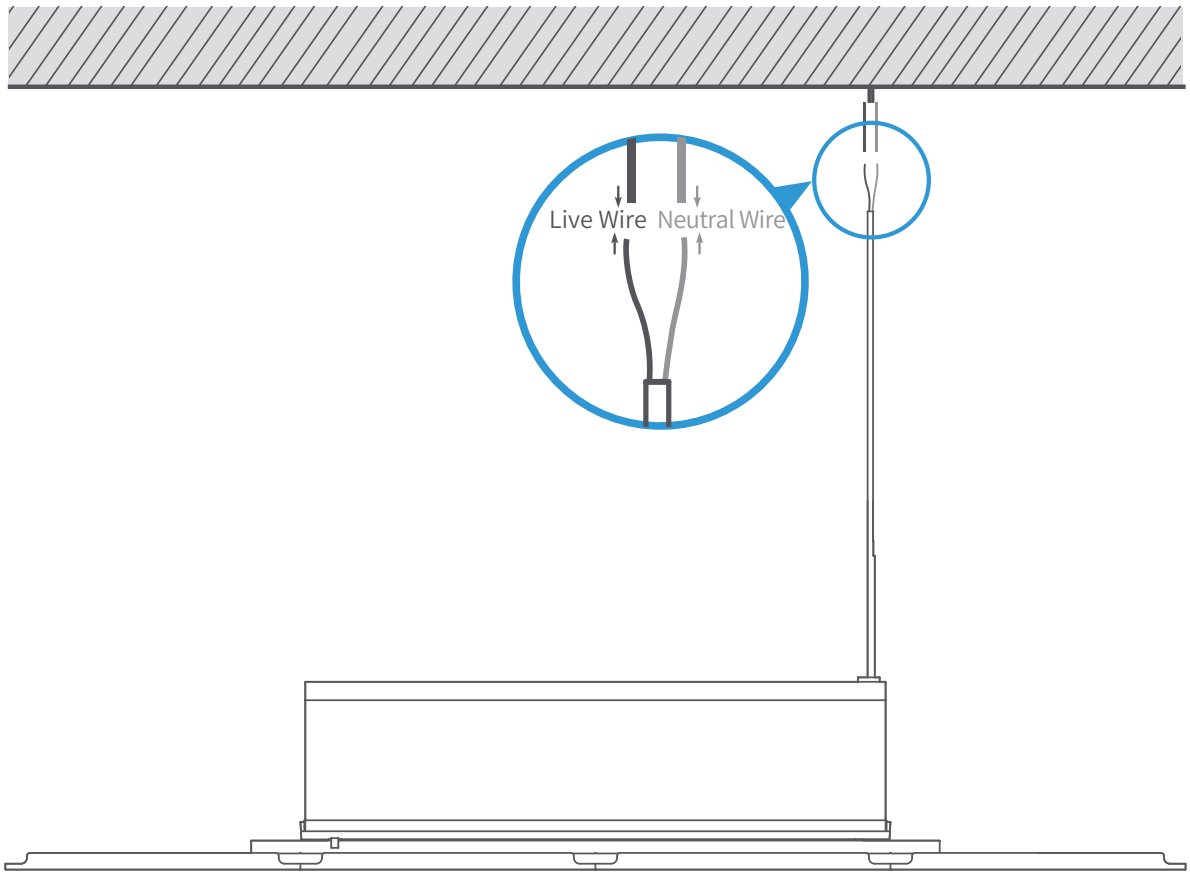
① According to the width of the aluminum gusset ceiling joist, select joist connectors in the appropriate size, and mount the joist connectors onto the bottom of the rooflight with screws.



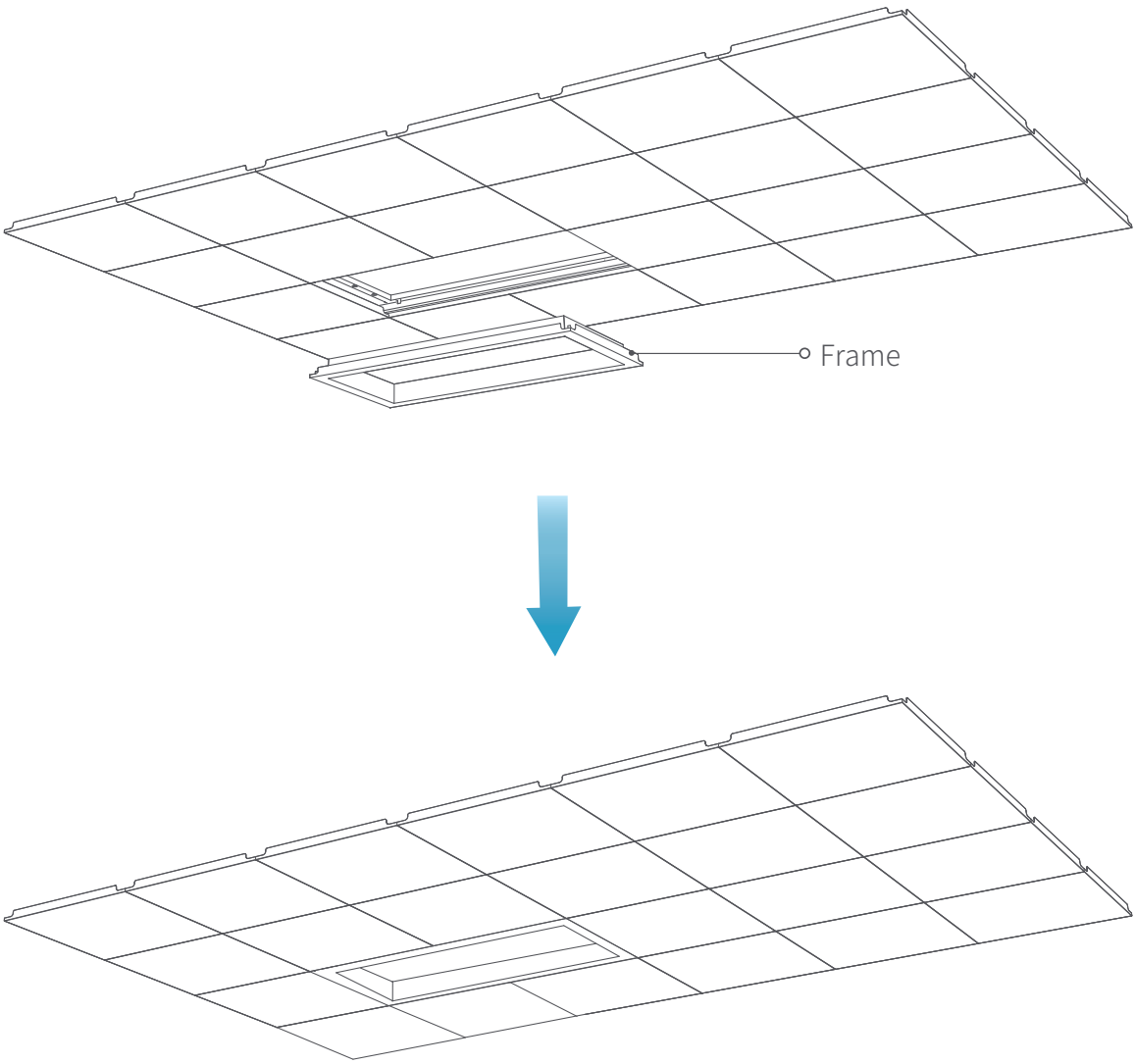
② Install the rooflight on the celling joist with joist connectors and then connect the power.

(*Please consider the lighting direction when installing the connectors.)




Live Wire
Neutral Wire

③ Put the frame upside down into the slot, remove the protective film and complete the installation.

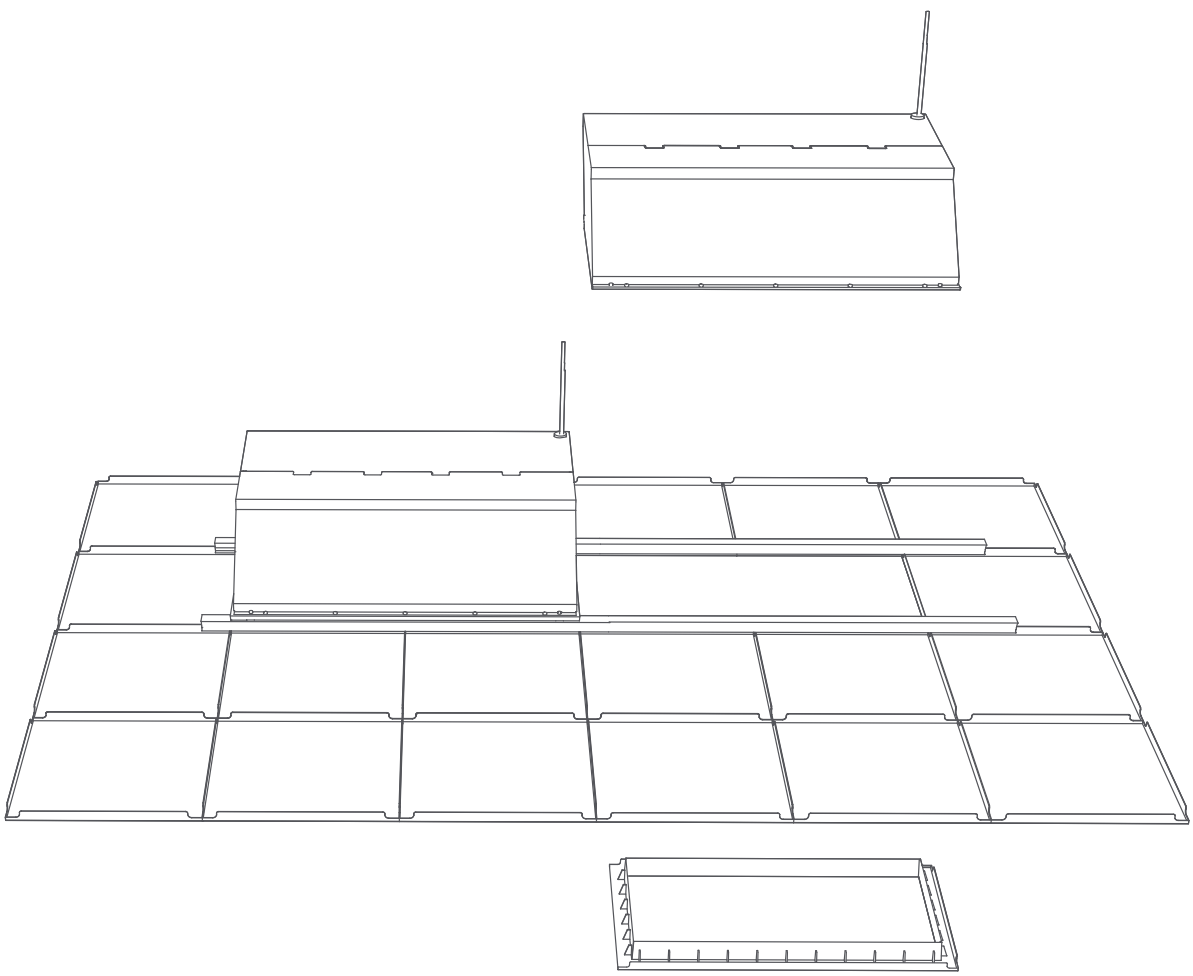


Installing multiple lights in serial on aluminum gusset ceiling

The product supports unlimited serial installation of lights in horizontal or vertical direction.

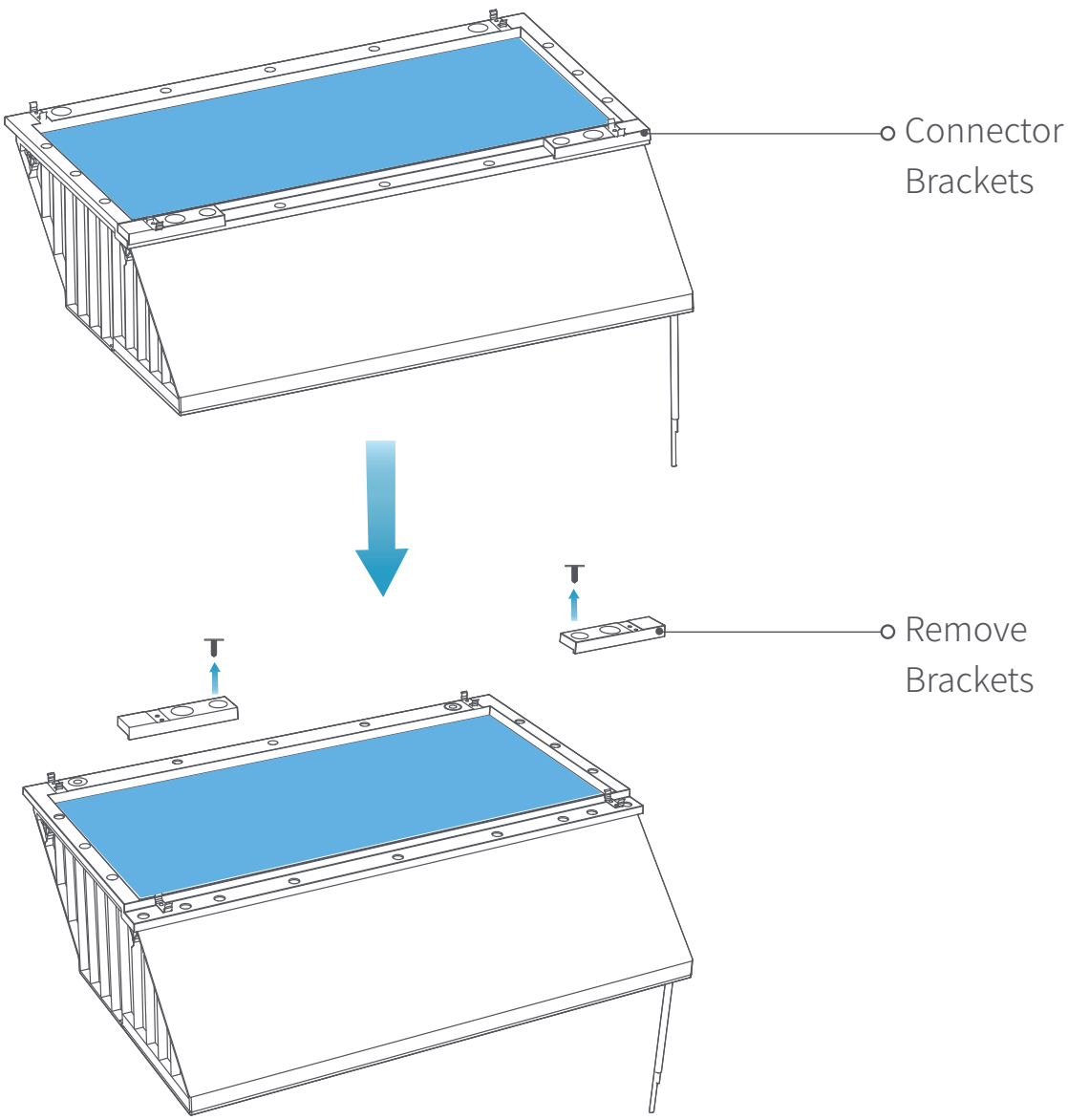
- Horizontal installation

After you are finished with the first rooflight, you can install more rooflights to the left or right of the first one in the same way as the first one.

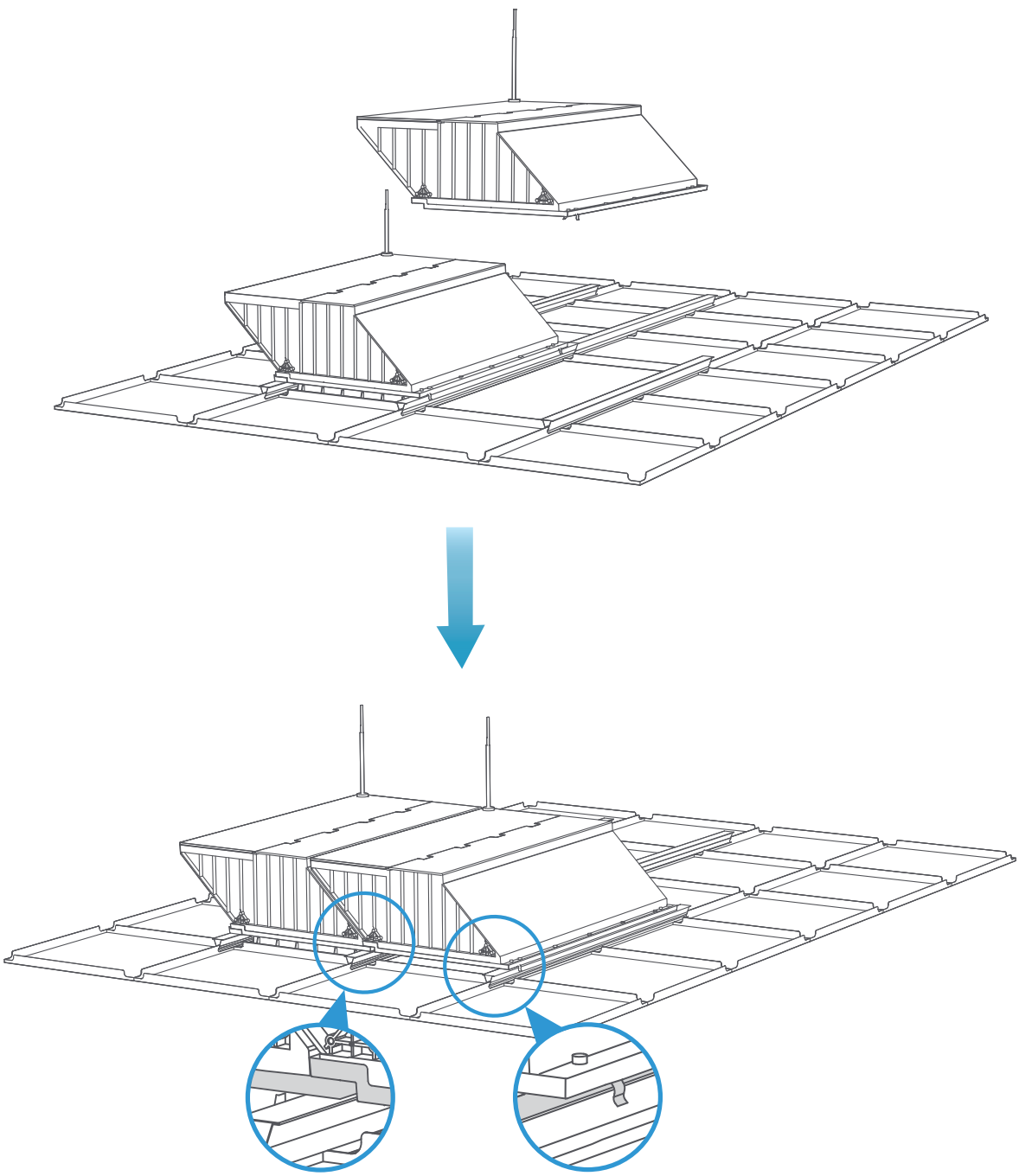


- Vertical installation

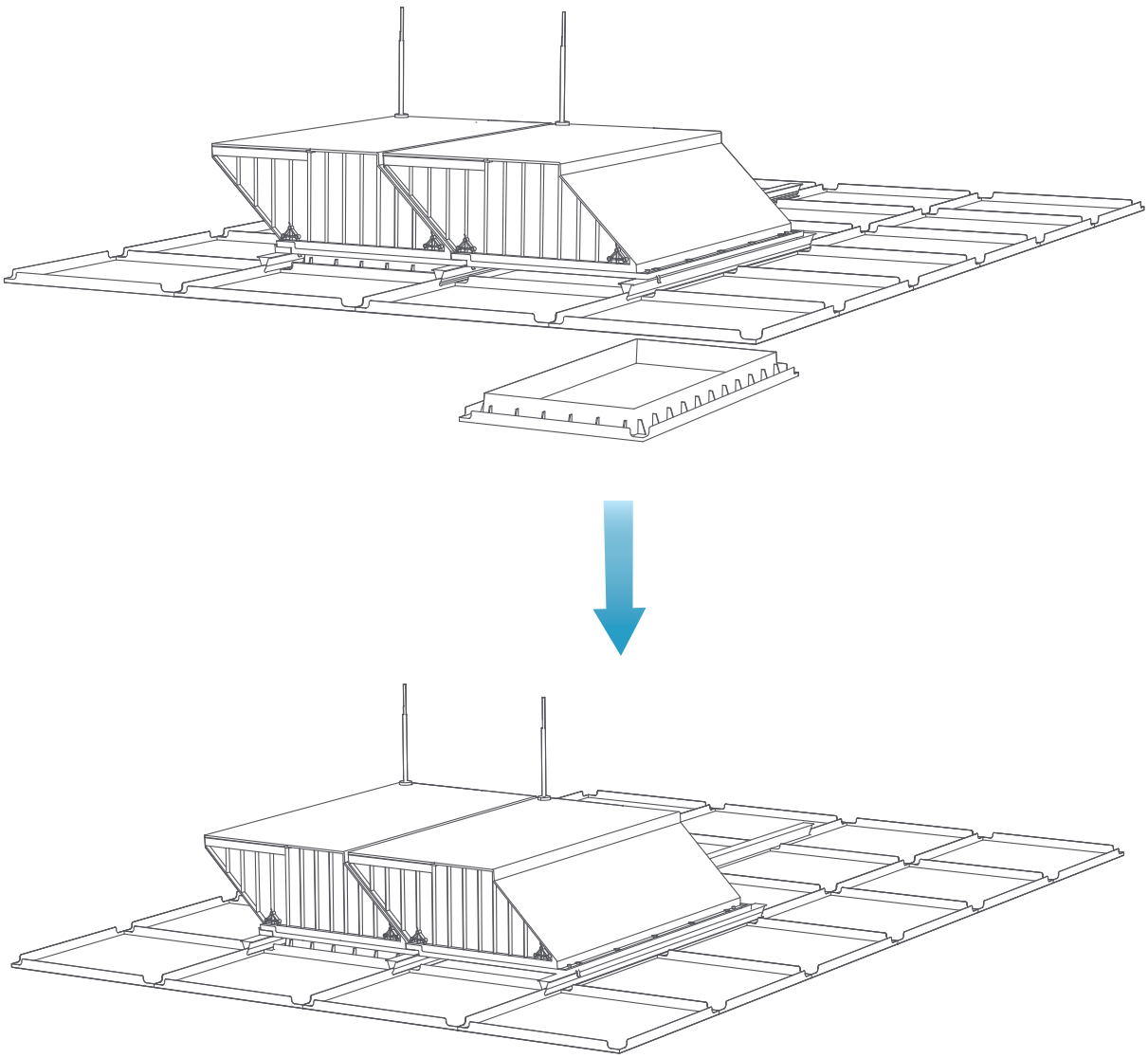
① After you are finished with the first rooflight, remove the two connector brackets at the bottom of the second rooflight to be installed in vertical direction.
Simply loosen the screws on the inner side of the rooflight to remove each connector bracket.



② Install another rooflight in the vertical rear of the first rooflight, with one side lapped on the tail step of the first rooflight and the other fixed to the joist of the aluminum gusset ceiling through connectors. Then, connect the power.



③Put the frame upside down into the joist slot in the same way as described earlier. Remove the protective film and complete the installation.



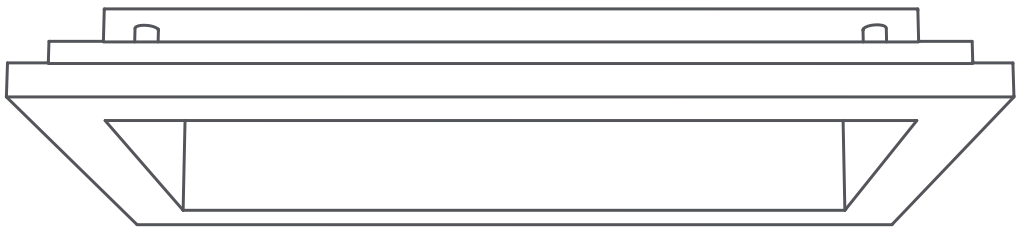
Note that with vertical installation, the rooflights following the first one can only be installed along one direction. Therefore, the first rooflight must be installed at the very beginning.

Installation with a hanging rope

Note: You need to purchase a separate accessory kit for installation with a hanging rope.

This installation method works for virtually every form of ceiling, including gypsum board integrated ceilings, plastic board integrated ceilings, and those without a suspended ceiling.
Now, let's look at how to install the light on a gypsum board integrated ceiling.

Accessories list:



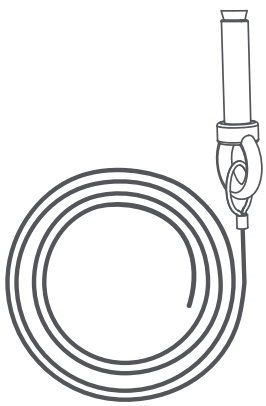
Magnetic Frame × 1



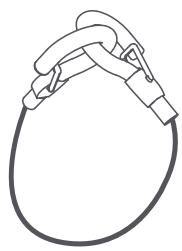
Screws×12



Hanger Bracket × 4



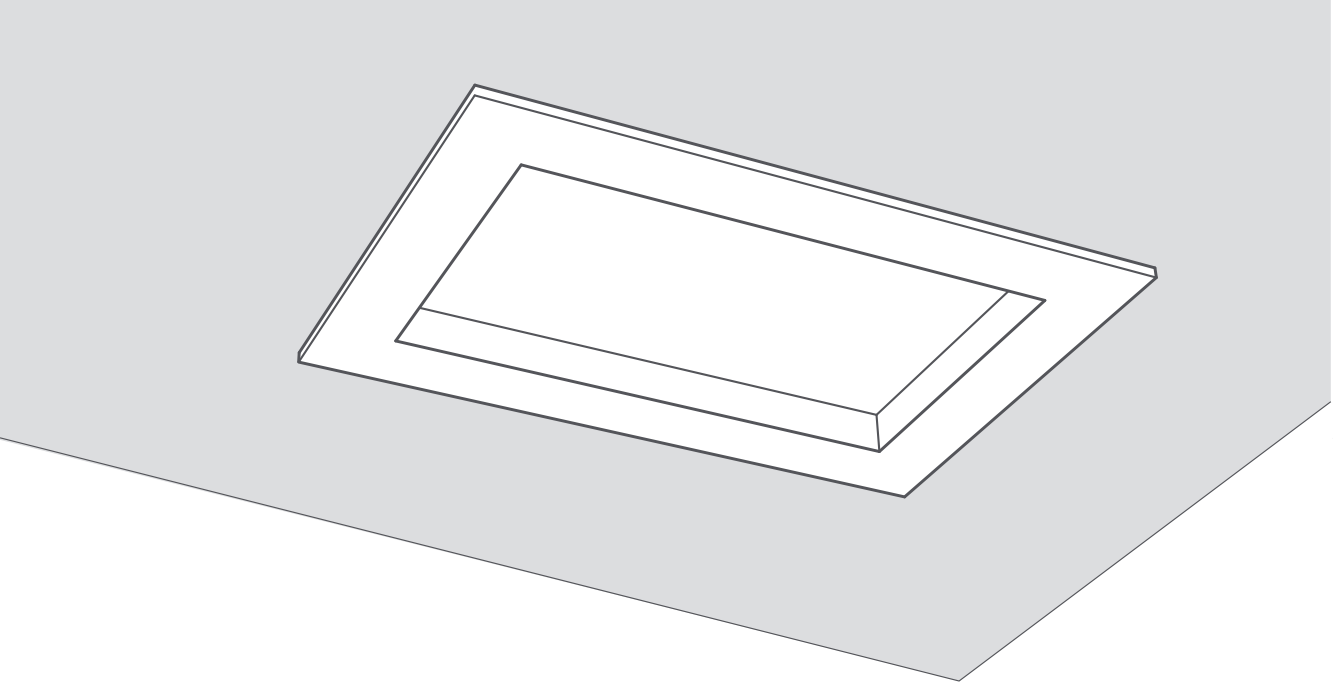
Hanging Rope
With Hanging Ring × 4



Safety Rope × 2



Hanger × 4

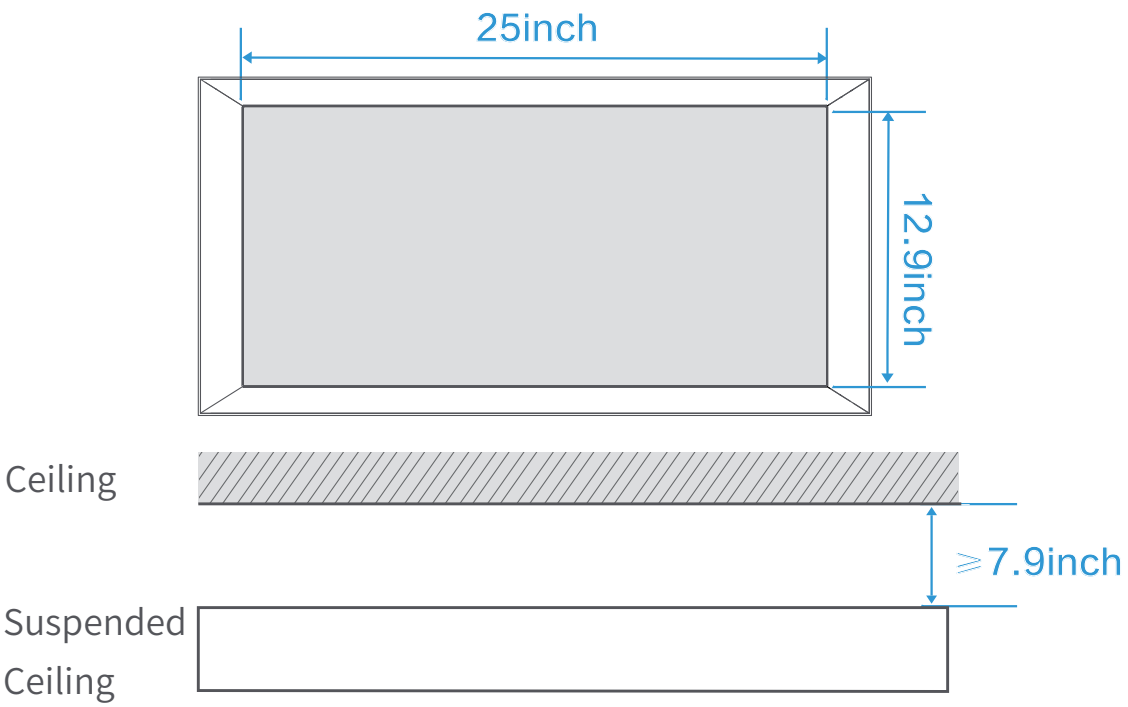


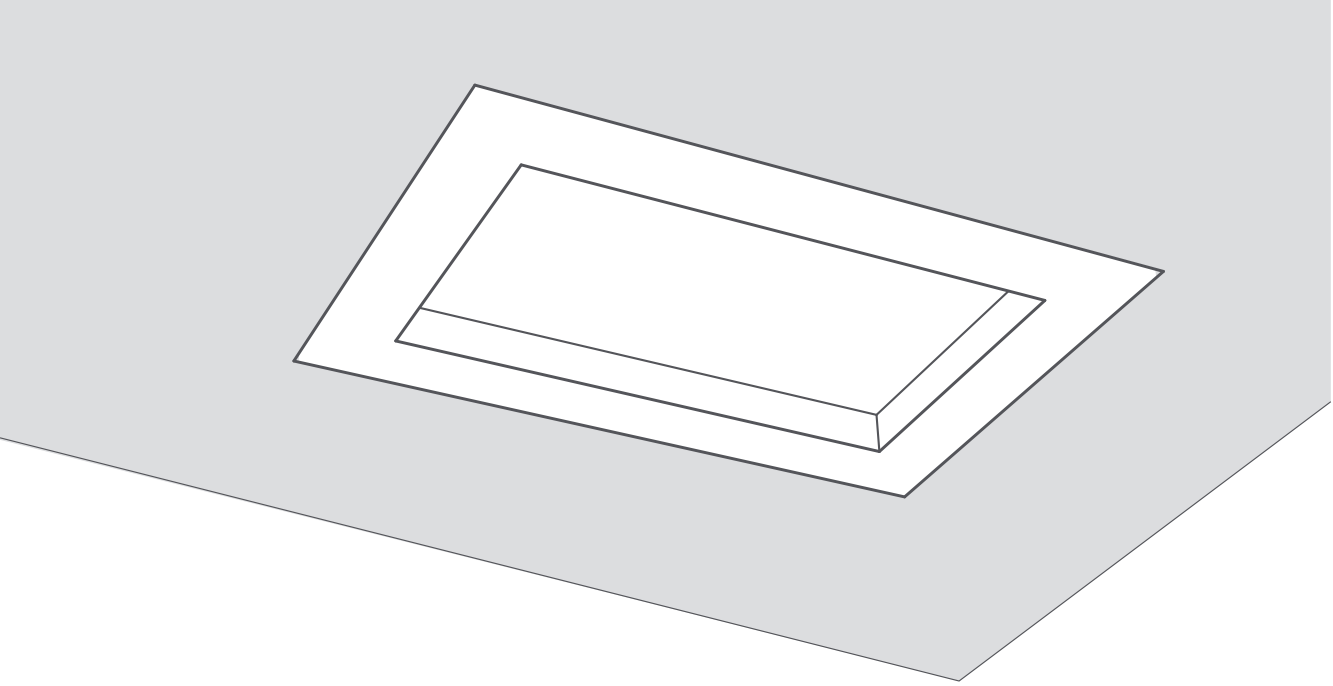
① Drill a hole on the ceiling

Select protruding or recessed mounting according to your preference.

- Protruding mounting

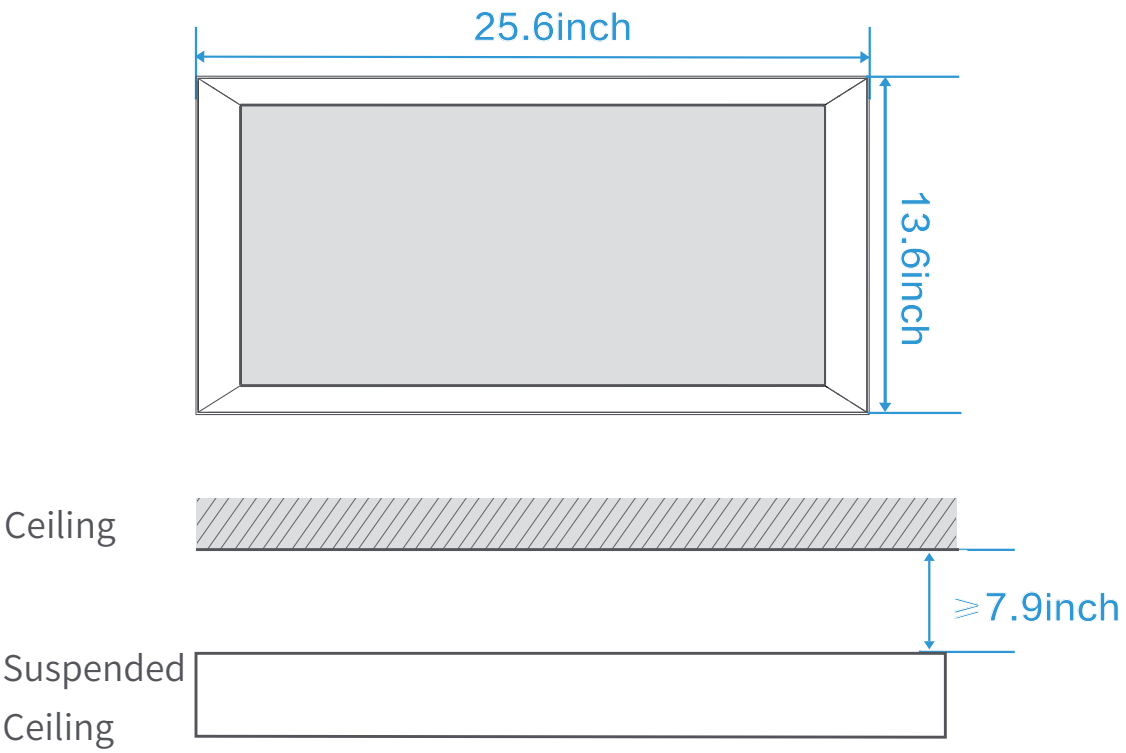
  Recommended size of mounting hole: 25X12.9inch
  Gap between ceiling and suspended ceiling ⩾7.9inch



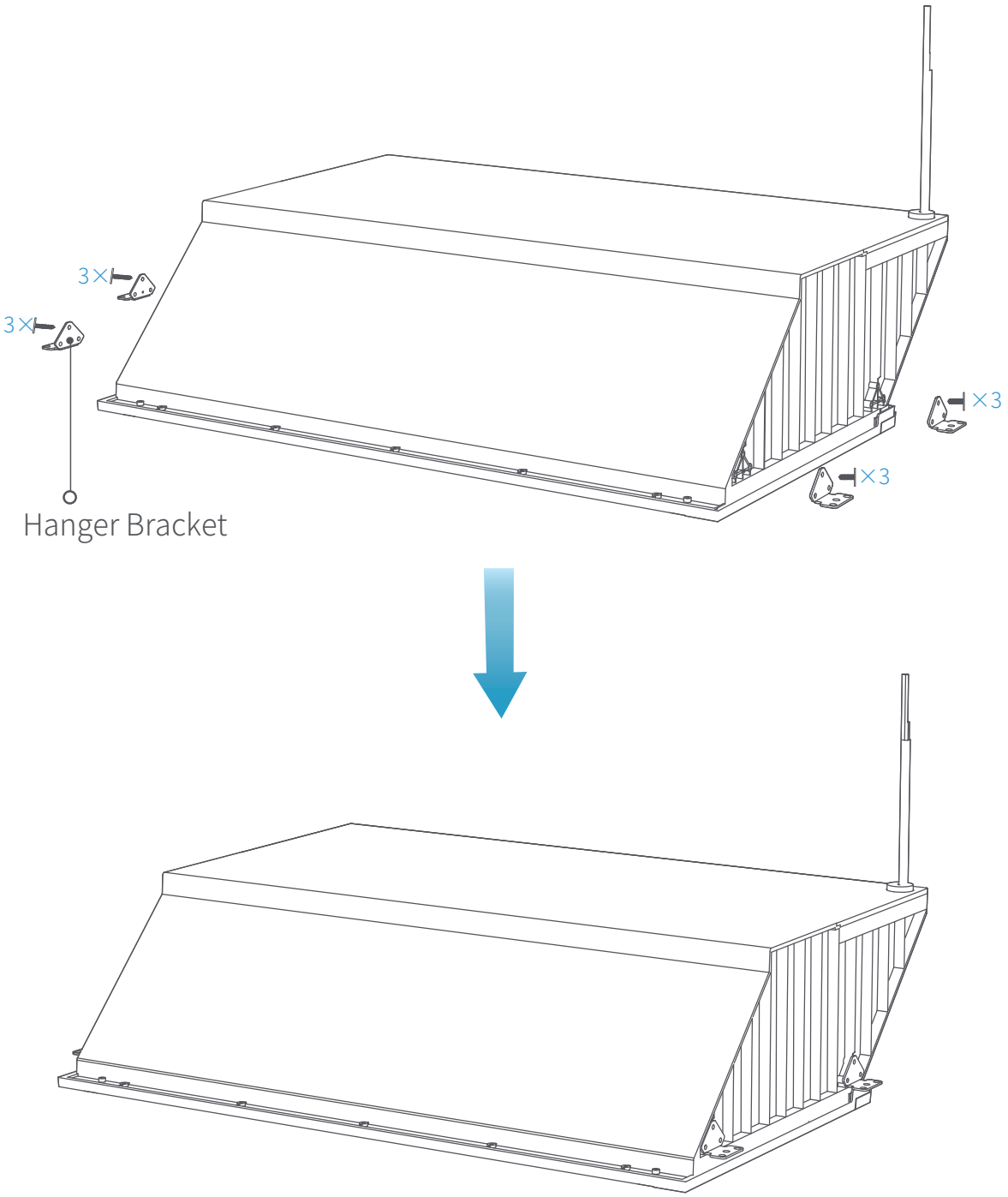


- Recessed installation

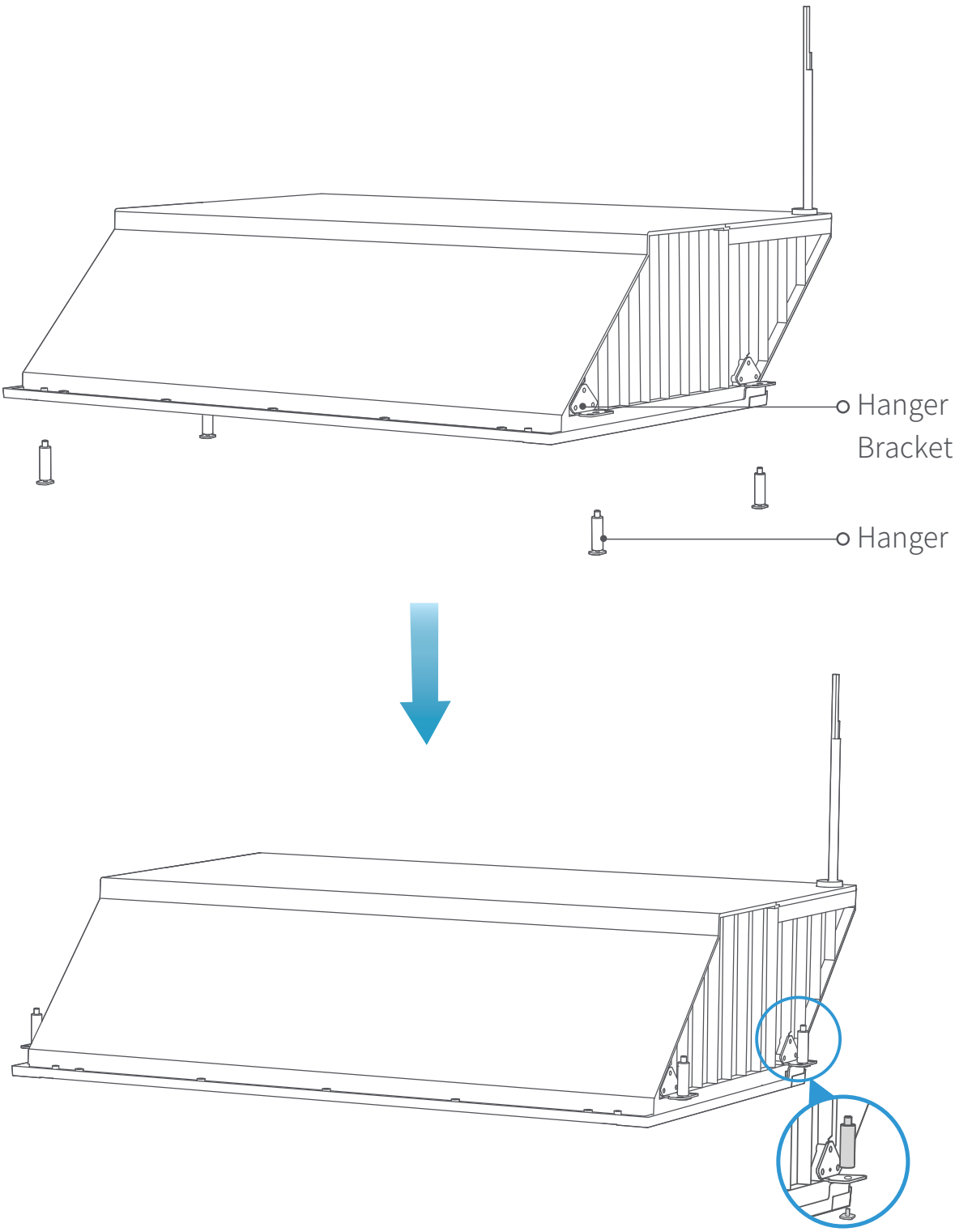
  Recommended size of mounting hole: 25.6X13.6inch
  Gap between ceiling and suspended ceiling ⩾7.9inch

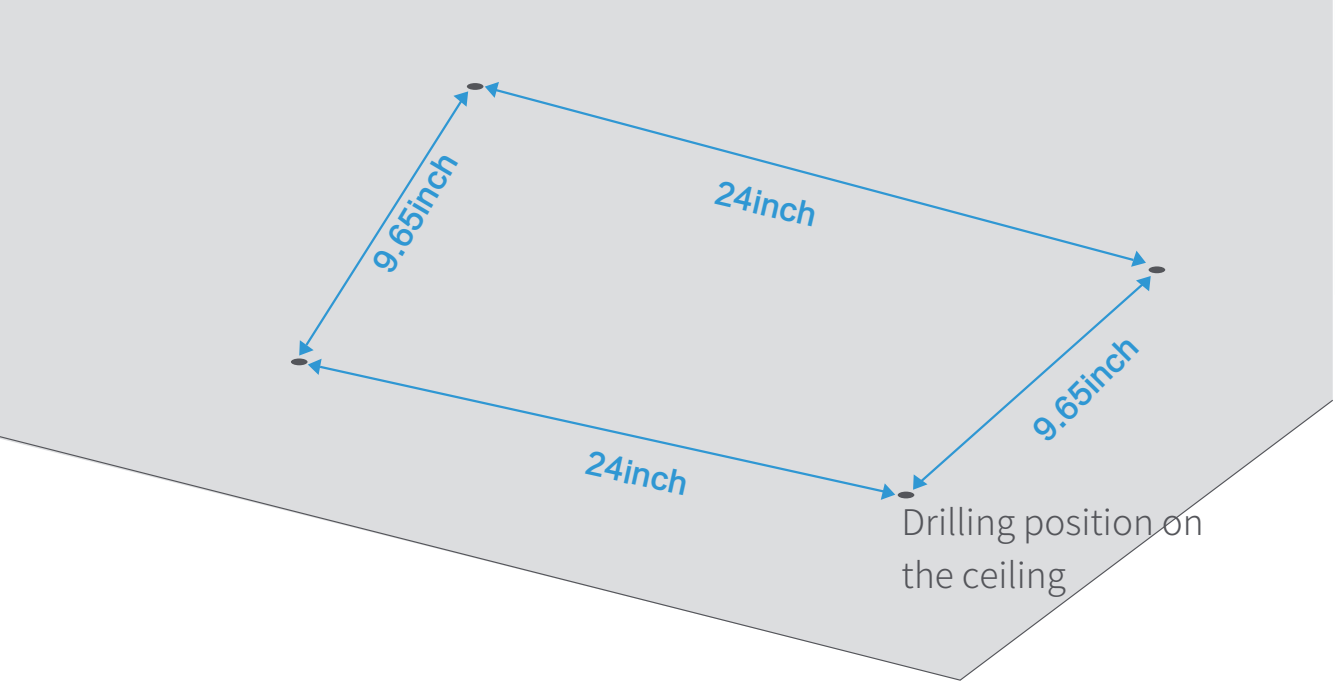


② Use 3 screws to fix hanger brackets to the rooflight.

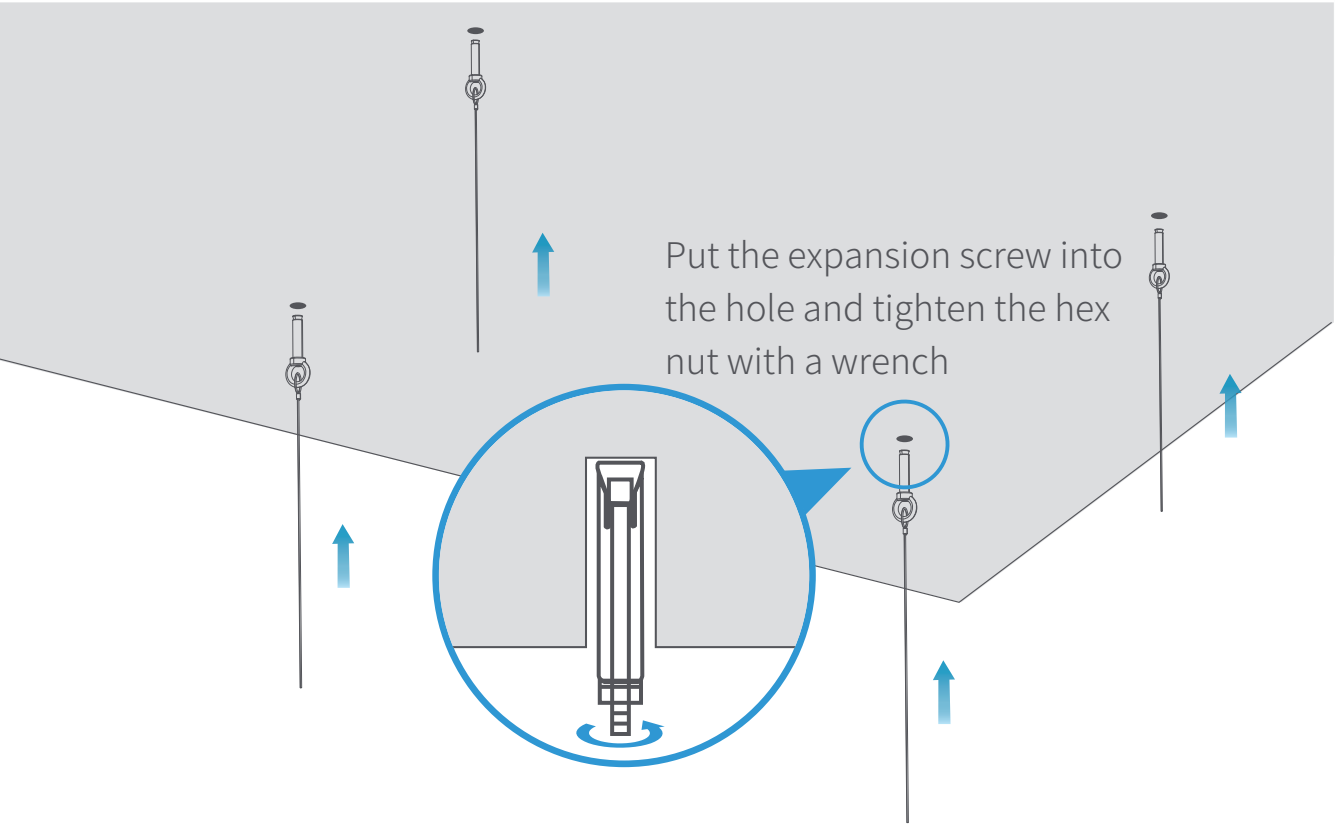


③ Fix the hanger to the bracket.

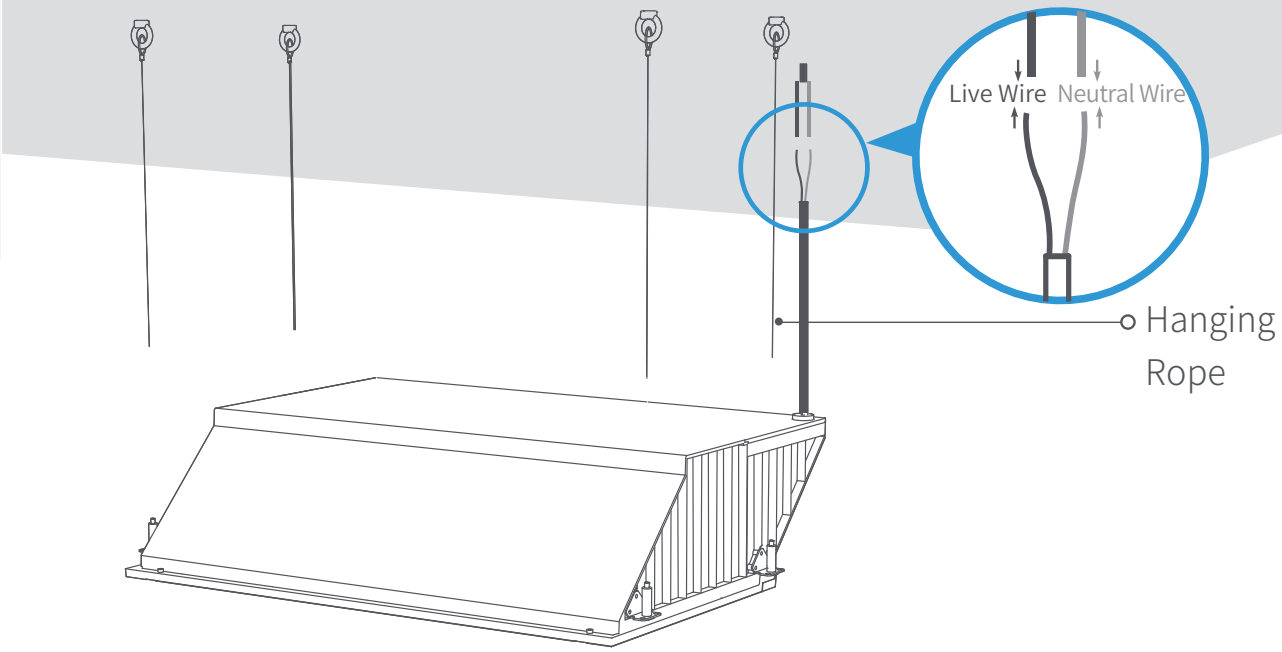


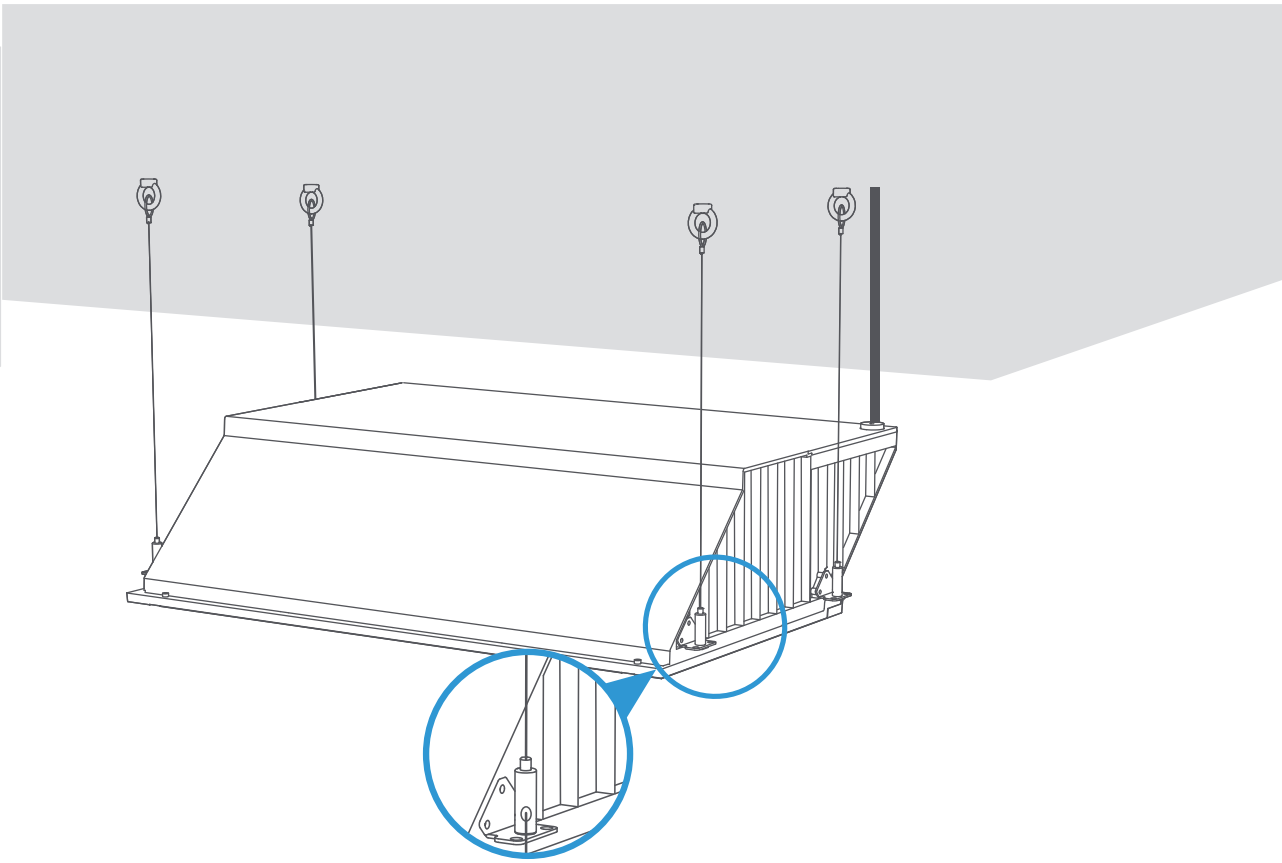


④ Drill 4 holes with a 10# drill bit with a hole spacing of 24X9.65inch



⑤ Fix the hanging rope with hanging ring to the appropriate hole through expansion screws.



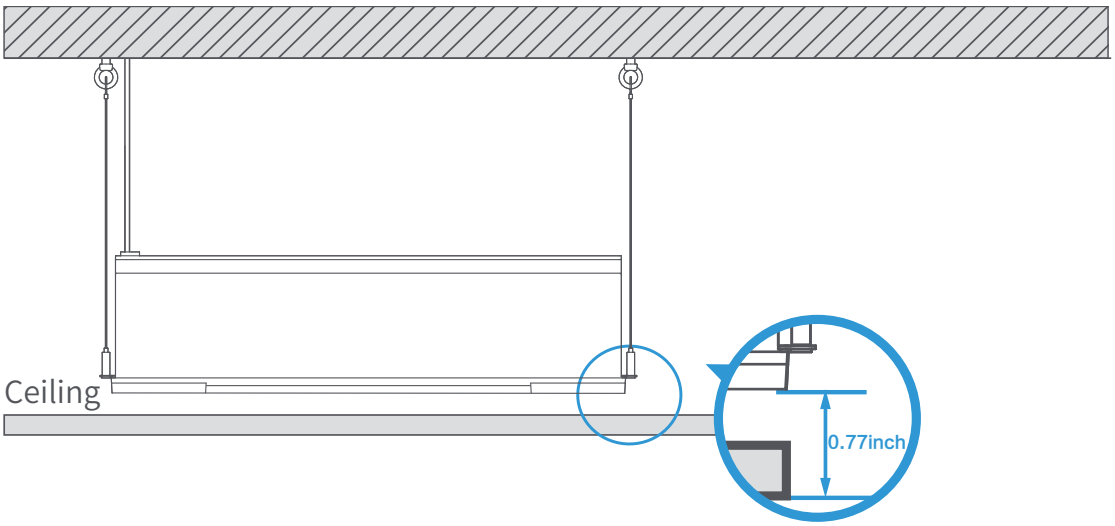


⑥ Power it on, connect the hanger and the hanging rope to install the rooflight tp the ceiling.

(*Please consider the lighting direction when installing the connectors.)

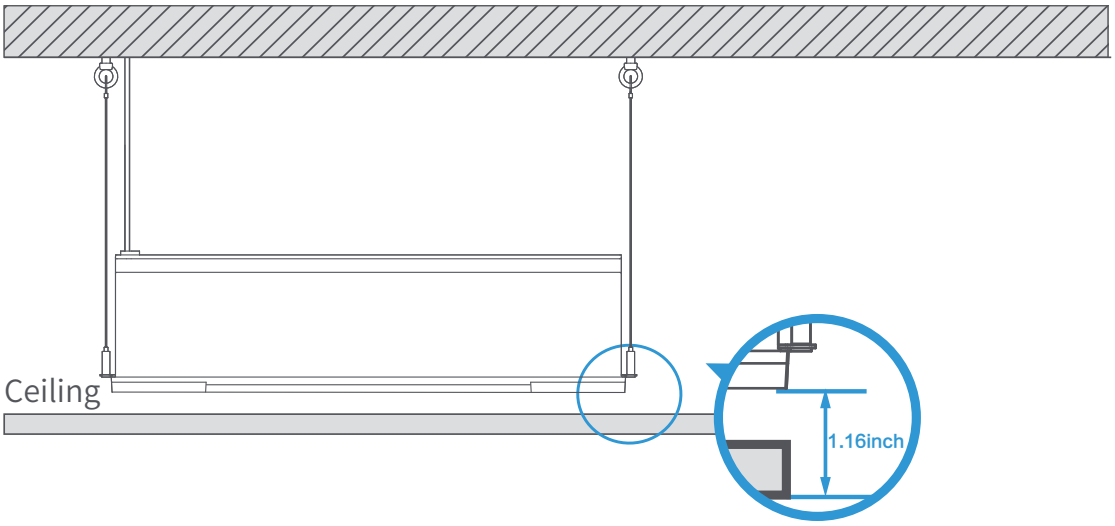
⑦ Adjust the installation height by hangers.

For different frame installation methods, the relative height of the rooflight and the ceiling needs to be adjusted to the following different values.



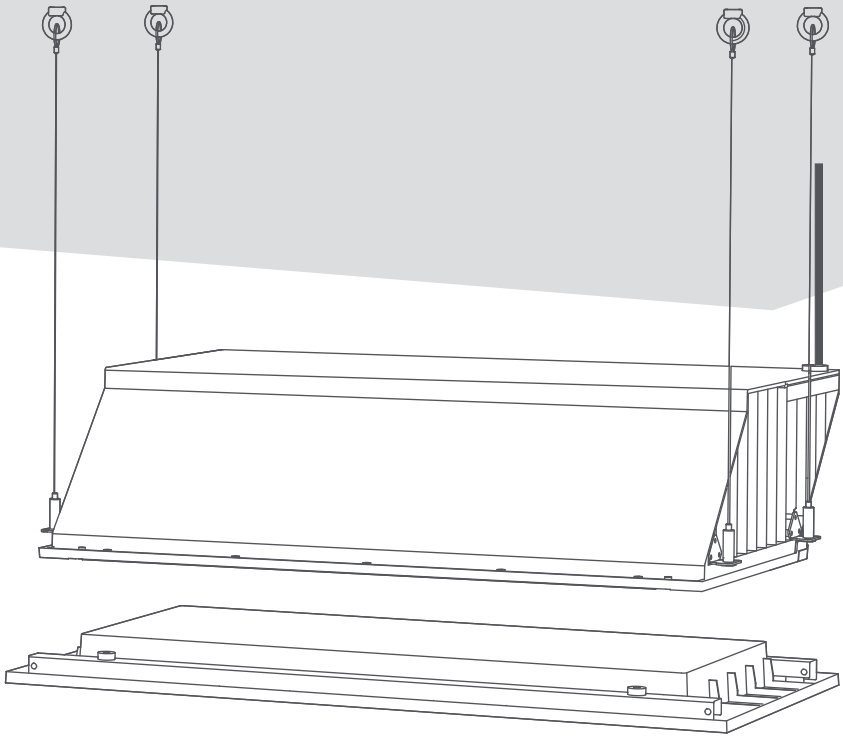
- Protruding mounting

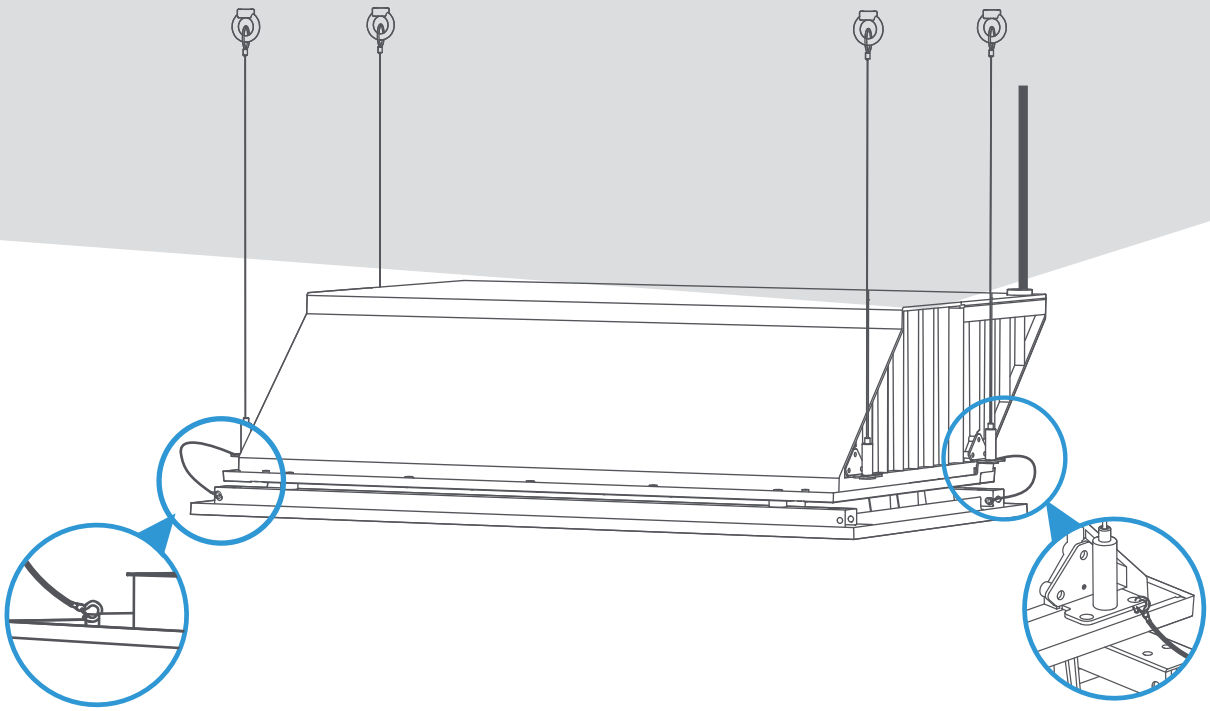
The relative height from the bottom of the rooflight to the bottom of the ceiling is supposed to be 0.77inch.



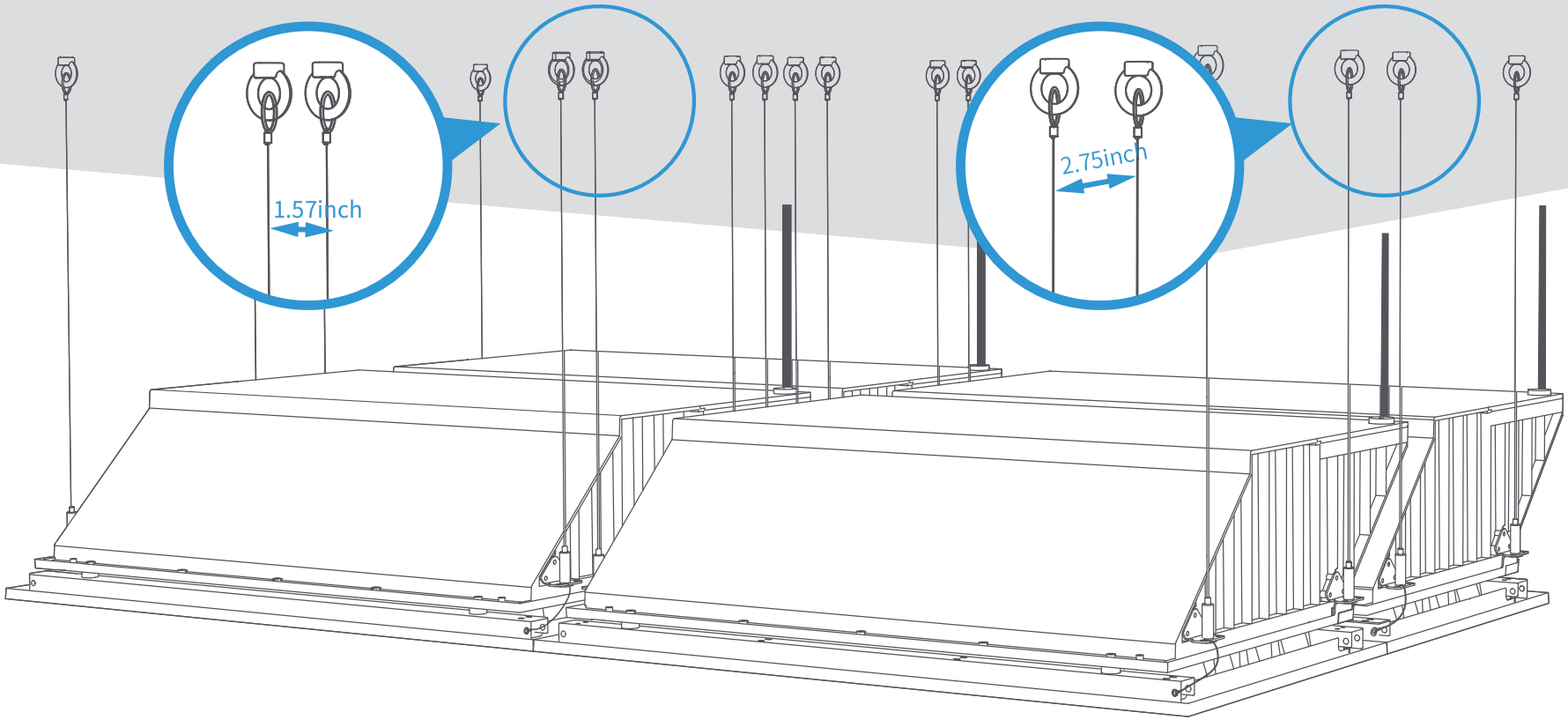
- Recessed mounting

The relative height from the bottom of the rooflight to the bottom of the ceiling is supposed to be 1.16inch.





⑧Install the safety rope for the magnetic frame in the diagonal direction, and fix the magnetic frame to the rooflight through a strong magnet, remove the protective film and complete the installation.



⑨ This hanging rope-based method supports unlimited serial installation of multiple lights, with each light installed in the same way.

The hole spacing of the hanging rope between adjacent rooflights is X=1.57inch in horizontal direction and Y=2.75inch in vertical direction.

Wireless Connection

You can use the APP to control the product intelligently together with a Yeelight Pro Bluetooth Mesh gateway, which needs to be purchased separately;

- Yeelight Pro APP

Open the Yeelight Pro APP, add rooms according to the instructions, open the corresponding room where the device needs to be installed, tap to add a device, select "Scan QR Code" to scan the Mac address on the package or the device to complete the required steps before connecting the product to the network.



Yeelight Pro APP

- Connect devices to network in batch

After installing the products in the rooms, power them on. Tap "Bind All" in the APP to complete network pairing configurations. (you should install the gateway and router first)

Remote control connection instructions

Keep the remote control and the Yeelight Pro Rooflight P21 in the same room, turn on the rooflight,do the following operations within 10 minutes:
press the "OFF" and "Color Temperature -" keys on the remote control at the same time,when the indicator light of the remote control flashes, release the keys,it is connecting. The device to be controlled appears a completion prompt, that is, the connection is successful.

Function description



ON

OFF

Color Temperature +

Color Temperature -

Button mode description

After long pressing the "Color Temperature -" button, the Yeelight Pro rooflight P21 will perform a rhythm mode,and the device will repeatedly simulate the change from blue sky to dusk in a very short period of time. Press any other button on the remote control to exit the rhythm mode.

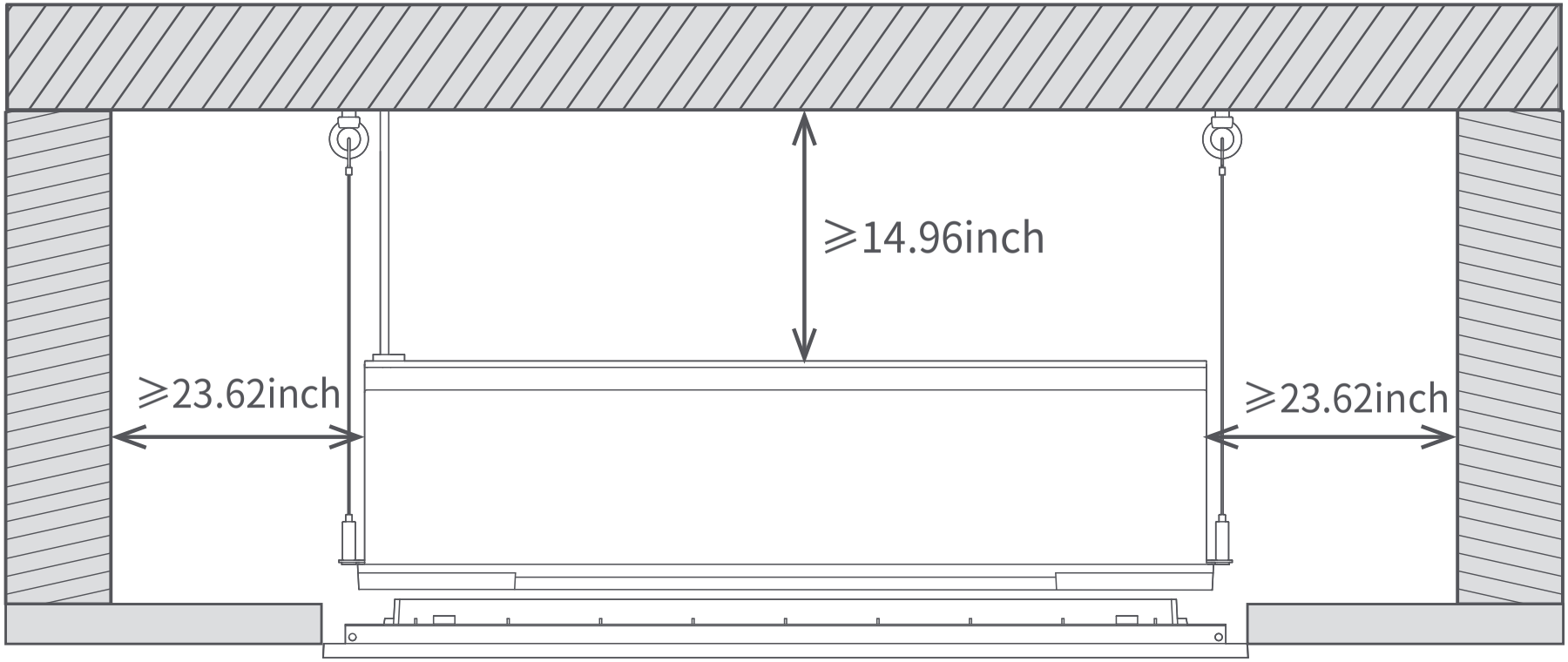
How to reset

Use a physical switch to turn on and off the light 5 times in a row(on/off for 2 seconds each time), the light will breathe for 5 seconds, then it will restart automatically, the light is successfully reset.

Warning

1. Please make sure that the voltage you use is suitable for the operating voltage of this product before use. Using inappropriate voltage may damage the product and pose a safety hazard.
2. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
3. When installing, removing or checking the lamp, please make sure the power is turned off.
4. The lamp will generate heat during work, please keep the surrounding air convection in order to dissipate heat.
5. The external flexible cable or cord of this luminaire cannot be replaced. If the cord is damaged, the luminaire shall be destroyed.
6.  Luminaires not suitable for covering with thermally insulating material.
7.  For indoor use only.

8. Punch holes with suitable tools according to the size of the Yeelight Pro Rooflight P21.
(The hole size of Yeelight Pro Rooflight P21 is 25.61X13.6inch(Protruding mounting) or 23.62X17.15inch (Recessed installation)



Specifications

Product Name: Yeelight Pro Rooflight P21
Model: YP-0504
Rated input: 120-277V ~ 50/60Hz 0.75A
Rated power: 80W
Power factor: 0.90
Ambient Temperature：25°C
Wireless connection: Bluetooth 4.2 BLE
Opening size:
1. Installed on aluminum gusset ceiling: 23.6X11.8inch
2. Installation with hanging rope:
Protruding frame : 25X12.87inch
Recessed frame: 25.63X13.58inch

FCC Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada' s licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the

following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.
To satisfy FCC&IC RF exposure requirements, a separation distance of 20 cm or more should be maintained between the antenna of 7.87inch and persons during device operation.
To ensure compliance, operations at closer than this distance is not recommended.
Limited by local law regulations, version for North America does not have region selection option.

Supplier's Declaration of Conformity

Under FCC Part 15 SDoC procedure

Product Description: Yeelight Pro Rooflight P21
Model Number: YP-0504
Trade Name: YEELIGHT
Responsible Party in USA: Yeelight Technology LLC
Testing Laboratory: Intertek Testing Services Shenzhen Ltd.
Longhua Branch
Addendum to the Test Report: 240102049SZN-001
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
For and on behalf of Responsible Party



Manufacturer: Qingdao Yeelink Information Technology Co., Ltd.
Address: 10F-B4, Building B, Qingdao International Innovation Park, No.1 Keyuan Weiyi Road, Laoshan District, Qingdao City, Shandong Province, P.R.China
Website: www.yeelight.com
Customer Service Email: support@yeelight.com
Made in China