280 mm

210 mm

INSTALLATION MANUAL

GEN22 IP65 down Linear light

IMPORTANT SAFETY INSTRUCTION

Read this installation guide prior to attempting installation. Always turn OFF the main power before starting your installation. Consult a qualified electrician before installation. Installation should be carried out by a qualified eletrician.

During installation,basic safety precautions should always be followed, including the following listed.

1. Do not install the lighting system in a wet location.
2. Ensure the appropriate connectors match the luminaire fixture
3. Do not install any part of the luminaire less than 5 feet above the floor.
4. Do not install any luminaire assembly closer than 5 inches from any window treatments,i.e.,curtain, blinds or any similar combustible type material.
5. Do not attempt to energize anything other than the luminaire fixtures.
6. To reduce the risk of fire and electric shock,do not attempt to connect to power tools, extension cords, appliances, or the like, to the track.
7. maintenance of the luminaires should be performed by person(s) familiar with the luminaires construction and any hazards involved. regular fixture maintenance programs are recommended.
8. Do not exceed the nominal supply voltage or amperage ratings.
9. Turn the power OFF at the fuse or circuit breaker box before doing any installation or maintenance activities.
10. Wear rubber soled shoes and work on a sturdy wooden or non-conductive ladder.
11. The lighting product must be mounted in locations and at heights in compliance with the National Electrical Code and with local building codes. Installing contrary to instruction may cause unsafe conditions.
12. To avoid hazards to children, take accountability for all parts and dispose all packing materials properly.
13. It may be necessary to clean the refractor / lens. Frequency of cleaning will depend on ambient dirt level and minimum light output which is acceptable to the user. Refractor / lens should be washed in a solution of warm water and any mild, non-abrasive household detergent, rinsed with clean water and wiped dry. Should optical assembly become dirty on the inside, wipe refractor / lens and clean in above manner, replacing damaged gaskets as necessary.
14. Call the Technical Support department about any installation questions.
15. Do not install a damaged product. This luminaire has been properly packed so that no parts should have been damaged during transit. Inspect to confirm. Any part damaged or broken during or after assembly should be replaced.
16. These instructions do no purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation or maintenance.Should further information be desired or particular problems arise,not covered sufficiently for the purchaser's or owner's purposes, please contact the Technical Team.

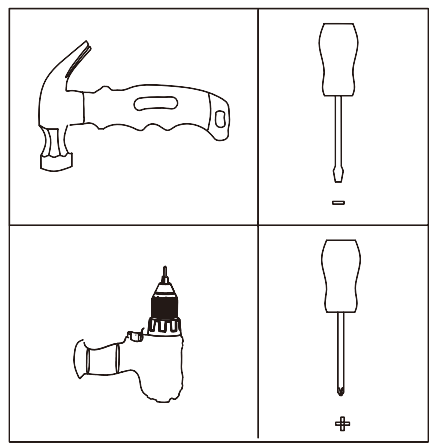
⚠ CAUTION

This equipment is intended to be installed only by qualified personnel. The installation must be made in accordance with the current edition of the National Electrical Code (NEC) and all applicable state and local building codes. The final installation must be approved by the appropriate, qualified electrical / building inspector(s). Improper installation may result in a fire or electrical hazard. Ensure the electrical power to the circuit has been disconnected before installing the electrical system .

⚠ WARNING

- Risk of fire. Most dwellings built before 1985 have supply wire rated at 60℃.
- Consult a qualified electrician before installation.
- Properly ground electrical enclosure.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet meal or other sharp objects.
- Use only UL approved wire input/output connections. Minimum size 18 AWG or 14AWG if there are any continuous runs.
- If the fixtures are connected in a continuous run, do not exceed allowable number of fixtures in series/power in continuous runs.
- Inrush currents must be taken in account by the electricians to account for proper circuit design.

TOOL

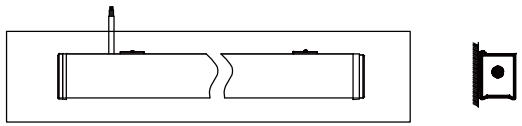


注：印刷时红色外框虚线与标注不印刷。

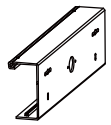
280 mm

210 mm

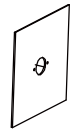
A1) Wall Mount Individual Installation



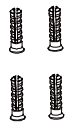
Installation Kits



Wall mount bracket 2pcs



Junction box cover 1 pcs



Plastic Anchor 4pcs



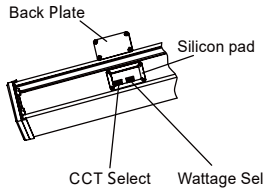
PA4x30mm 4pcs



Screw PM4X6mm 2pcs

Dimming Methods

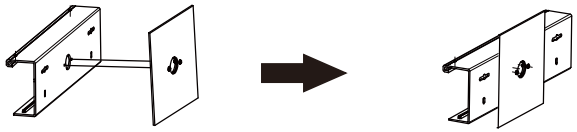
Open the back plate with philips screwdriver,adjust the CCT and Wattage dip-switch to the target value,and then screw back the back plate, and must keep the silicon pad on the original position to guarant the waterproof effect.



	Wattage (W)	CCT(K)
2FT	10/15/20	3000/3500/4000
4FT	20/30/40	3000/3500/4000
8FT	40/60/80	3000/3500/4000

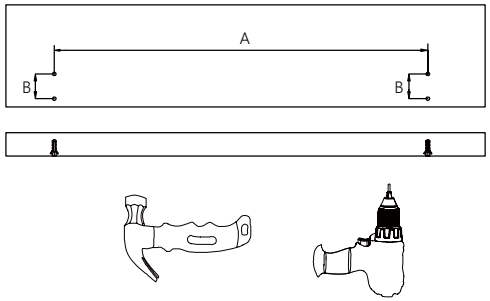
2

1 Fix the cable cover to the mounting bracket using screws (PM4X6MM)

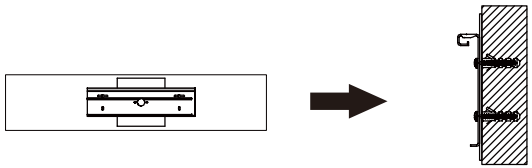


2 Drill 8 holes of 5mm in diameter at the location required for installation.Then install the plastic anchor to the hole with hammer.

	A (inch)	B (inch)
2FT	8.46	1.42
4FT	8.46	1.42
8FT	8.46	1.42

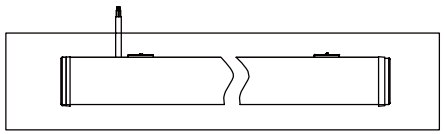


3 Secure the surface mount bracket to the plastic anchor with screw Pa4x30mm

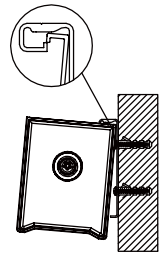


4 Connect the input line to the mains power

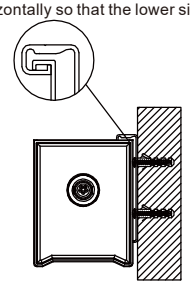
HOT(Black)
NEUTRAL(White)
GROUND(Green)
DIM+(Purple)
DIM-(Pink)



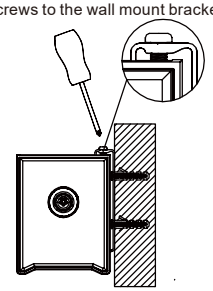
5 Tilt the lamp, and place the lower side against the upper part of the wall mount bracket.



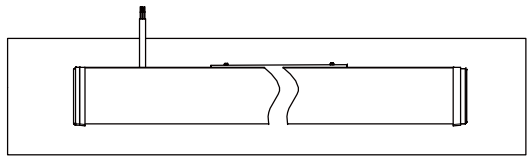
6 Place the light fixture horizontally so that the lower side hangs into the groove of the wall mount bracket.



7 Tighten the PM4x6mm screws to the wall mount bracket to secure the fixture.



8 Turn the light on。

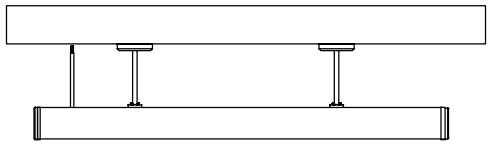


注：印刷时红色外框虚线与标注不印刷。

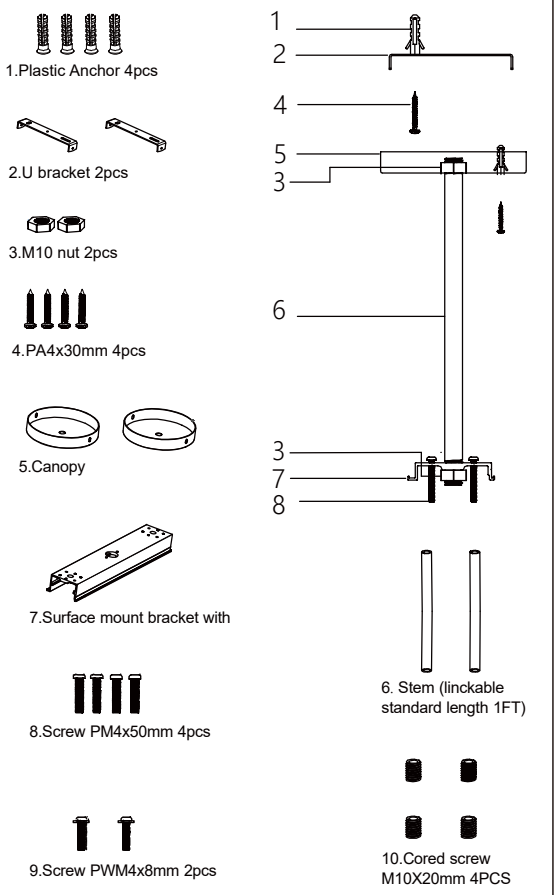
280 mm

210 mm

A2) Stem Pedant Individual Installation

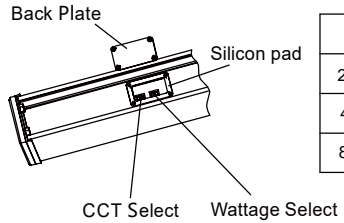


Installation Kits



Dimming Methods

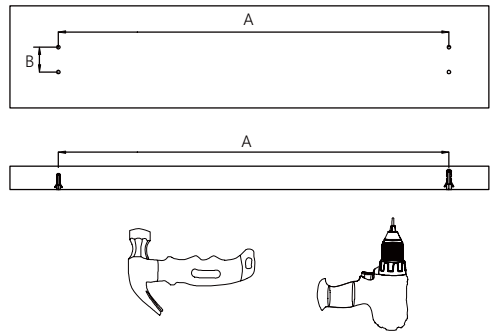
Open the back plate with philips screwdriver,adjust the CCT and Wattage dip-switch to the target value,and then screw back the back plate, and must keep the silicon pad on the original position to guarant the waterproof effect.



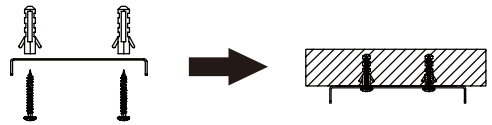
	Wattage (W)	CCT(K)
2FT	10/15/20	3000/3500/4000
4FT	20/30/40	3000/3500/4000
8FT	40/60/80	3000/3500/4000

1 Drill 4 holes of 5mm in diameter at the location required for installation.Then install the plastic anchor to the hole with hammer.

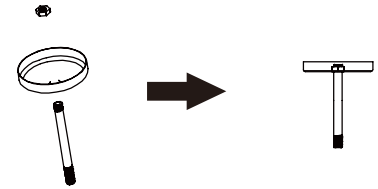
	A(inch)	B(inch)
2FT	11.811	3.346
4FT	23.622	3.346
8FT	47.244	3.346



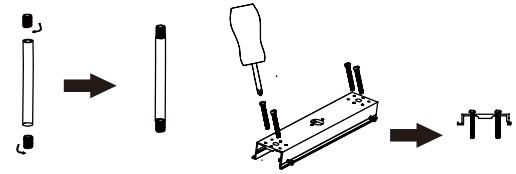
2 Fix the U bracket(2) to the ceiling.



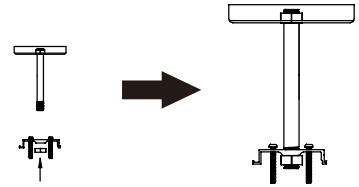
3 x the derrick (6) nut (3) to the sucker (5)



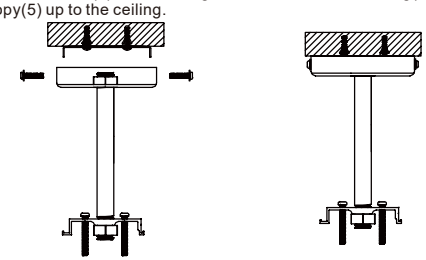
4 Twist the hollow screw (10) into the boom (6) Screw the PM4x50mm screw(8) into the pendant bracket(7) about 20mm



5 Attach the support (7) to the boom (6) with a nut (3)

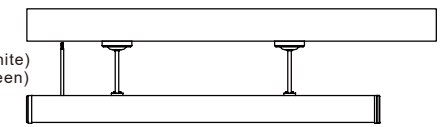


6 Fix the U bracket(2) to the ceiling,and slide the silicon O-ring(6),push the canopy(5) up to the ceiling.



7 Connect the input wire(10) to the mains power.

HOT(Black)
NEUTRAL(White)
GROUND(Green)
DIM+(Purple)
DIM-(Pink)

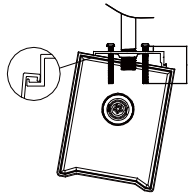


注：印刷时红色外框虚线与标注不印刷。

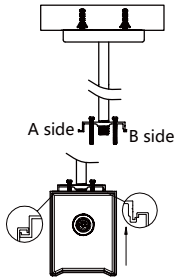
280 mm

210 mm

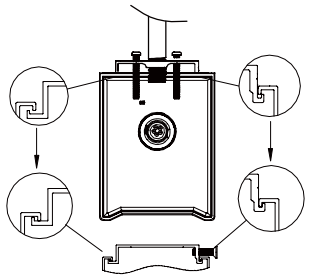
8 Tilt the lamp, and place the higher side on the A side of the pendant bracket(7), and hold it close。



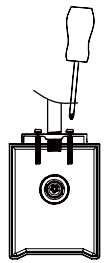
9 Raise the other side of the lamp along the B side of the pendant bracket(7)。



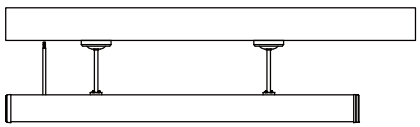
10 Close the lamp to the B side of the pendant bracket(8), and then snap the side of the lamp into the B side of the pendant bracket(8)。



11 Tighten the screws of the surface bracket pendant bracket(8)。

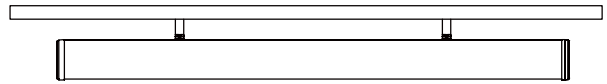


12 Turn the light on

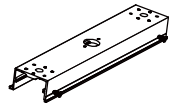


4

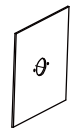
A3) Surface Mount Individual Installation



Installation Kits



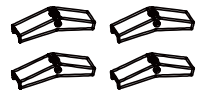
Surface mount bracket with screw KM4x14mm 1 sets



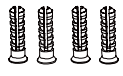
Junction box cover 1 pcs



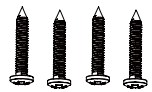
Screw PM4X70mm 2pcs



M4 aircraft expansion Screws 2 pcs



Plastic Anchor 4pcs

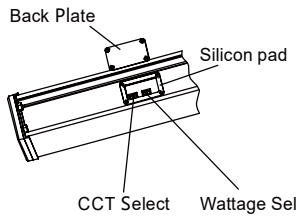


Pa4x30mm 4pcs



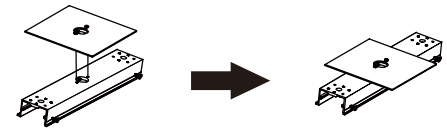
Screw PM4X6mm 2pcs

1 Open the back plate with philips screwdriver,adjust the CCT and Wattage dip-switch to the target value,and then screw back the back plate, and must keep the silicon pad on the original position to guarant the waterproof effect.



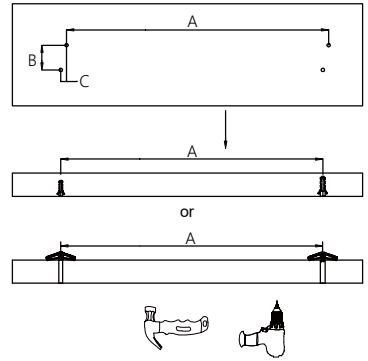
	Wattage (W)	CCT(K)
2FT	10/15/20	3000/3500/4000
4FT	20/30/40	3000/3500/4000
8FT	40/60/80	3000/3500/4000

2 Fix the cable cover to the mounting bracket using screws (PM4X6MM)

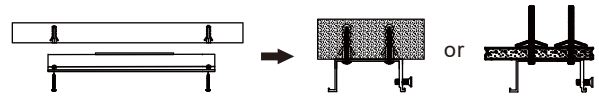


3 Drill four 5 mm diameter holes at the required installation location. Then use a wet hammer to install plastic anchors into the holes or drill four 12mm diameter holes to install aircraft expansion screws。

	A(inch)	B(inch)	C(inch)
2FT	10.43	1.18	0.79
4FT	10.43	1.18	0.79
8FT	10.43	1.18	0.79

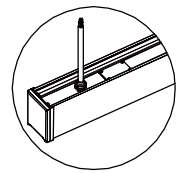


4 Fix the surface mounting bracket with PA4x30mm screws or fix the surface mounting bracket with PA4x70mm aircraft expansion screws.



5 Connect the input line to the mains power.

HOT(Black)
NEUTRAL(White)
GROUND(Green)
DIM+(Purple)
DIM-(Pink)

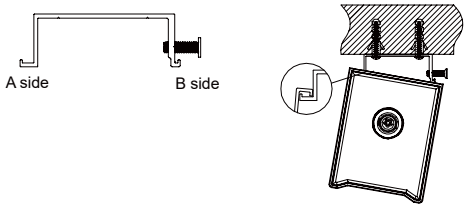


注：印刷时红色外框虚线与标注不印刷。

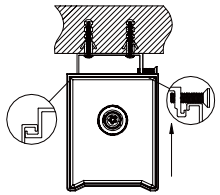
280 mm

210 mm

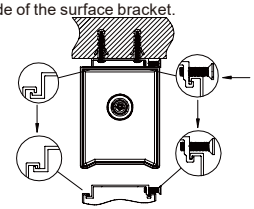
6 Tilt the lamp, and place the higher side on the A side of the surface bracket, and hold it close



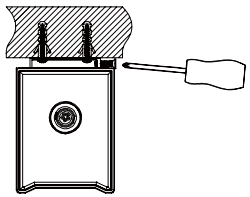
7 Raise the other side of the lamp along the B side of the surface bracket.



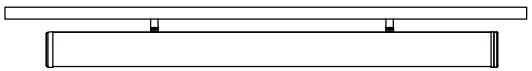
8 Close the lamp to the B side of the surface bracket, and then snap the side of the lamp into the B side of the surface bracket.



9 Tighten the screws of the surface bracket.



10 Turn the light on.



5

Splicing kit



1. Hexagonal wrench 1PC

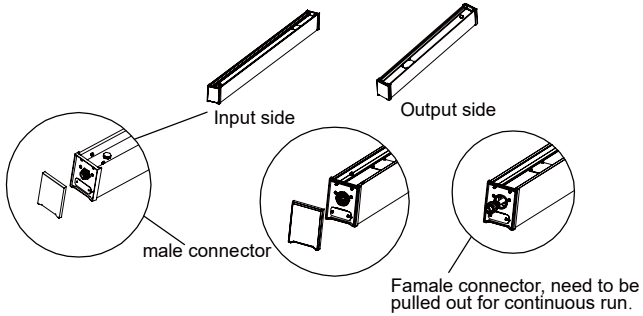


2.Screw PM5X16mm 2PCS

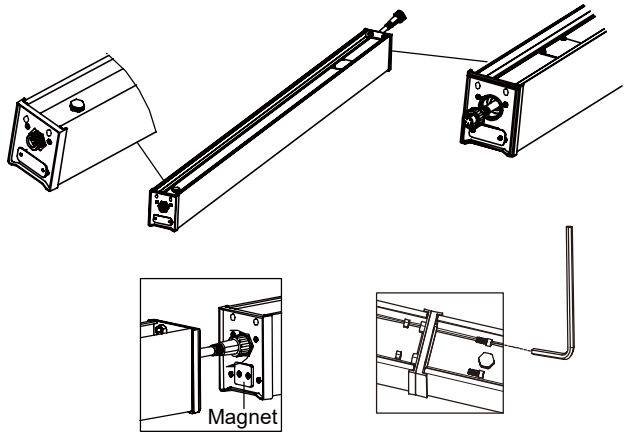


3.hexagon nut M5 2PCS

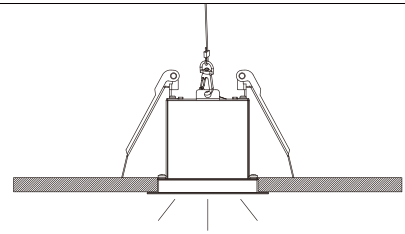
1 Note: The input side connect the input wire, the output side used for continuous run, to connect the middle or end fixtures



2 When assembling the middle lamp, take off the input outer end cover and output outer end cover, pull out the female end wire of the output end and connect the male end, and tighten it with screws and nuts.



A4) Embedded independent installation



Installation Kits



safety rope 2pcs



Spring slips 4 sets

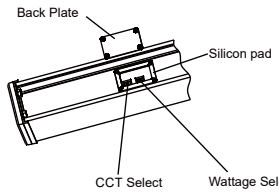


fixed bracket 4 pcs

PB3.5x8mm 8pcs

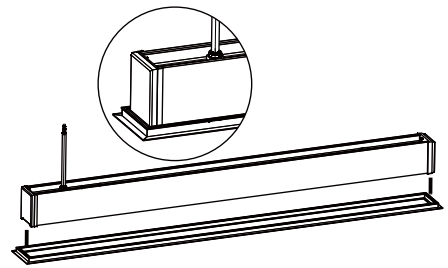
Screw PM4X8mm 8pcs

1 Open the back plate with philips screwdriver,adjust the CCT and Wattage dip-switch to the target value,and then screw back the back plate, and must keep the silicon pad on the original position to guarant the waterproof effect.



	Wattage（W）	CCT（K）
2FT	10/15/20	3000/3500/4000
4FT	20/30/40	3000/3500/4000
8FT	40/60/80	3000/3500/4000

2 Put the fixture in the recessed frame

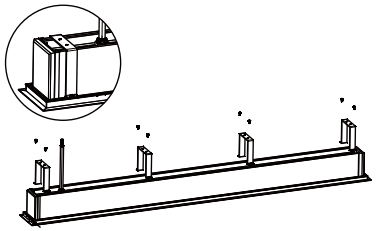


注：印刷时红色外框虚线与标注不印刷。

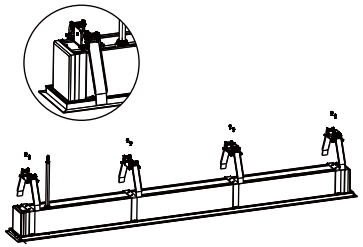
280 mm

210 mm

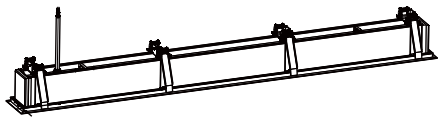
3 Fix the fixture and recessed frame with the fix bracket



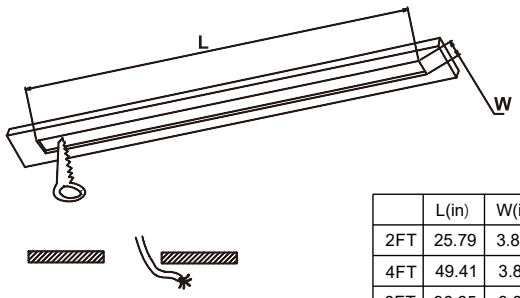
4 Install the Spring clips on the fixtures



5 Finished install the recessed fixture with accessory

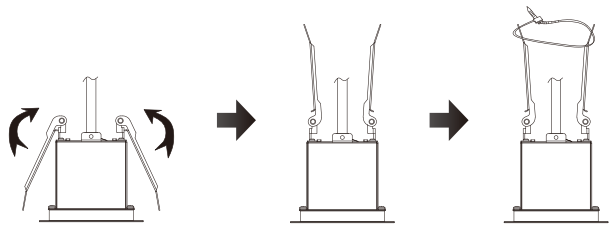


6 Open the suitable size hole on the ceiling , detail size as figure

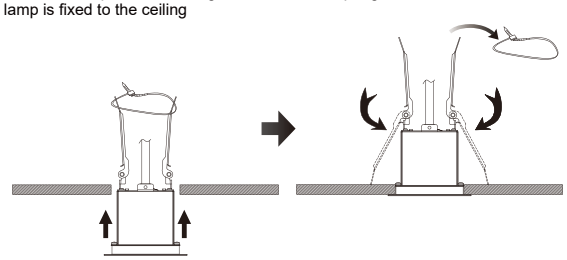


	L(in)	W(in)
2FT	25.79	3.86
4FT	49.41	3.86
8FT	96.65	3.86

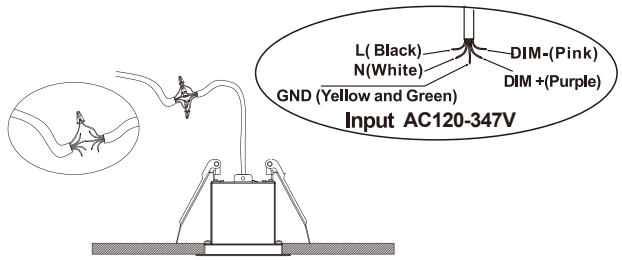
7 Break the spring clip and tie it with cable ties.



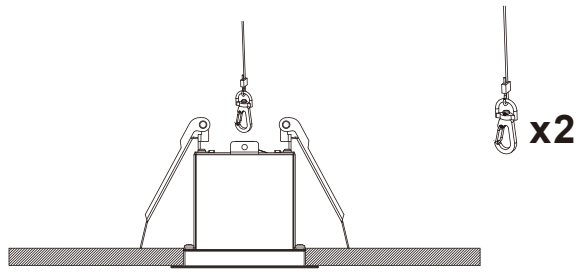
8 Insert the lamp into the ceiling and release the spring so that the lamp is fixed to the ceiling



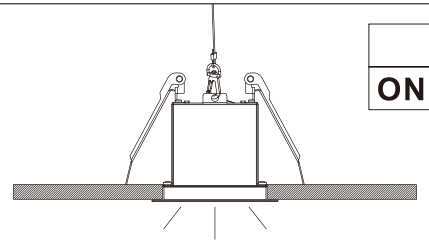
9 Fixture connect with the AC power



10 The safety rope fastened to the light fixture.



11



After confirm everything ok , turn on the light

注：印刷时红色外框虚线与标注不印刷。