

# INSTALLATION INSTRUCTIONS

CBHLXORB, X=7, 12 Inch

PLEASE READ CAREFULLY BEFORE INSTALLING FIXTURE

Save these instructions, as you may need them at a later date.

Thank you for purchasing CloudyBay Smart Lighting fixtures



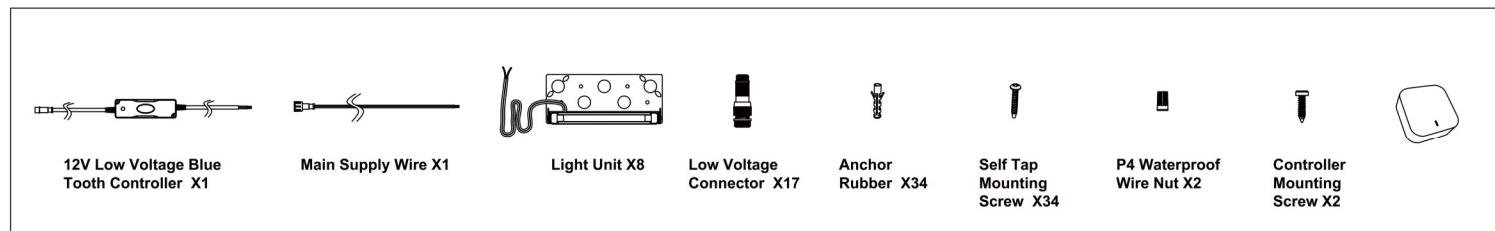
## Low Voltage Smart Hardscape Paver Light



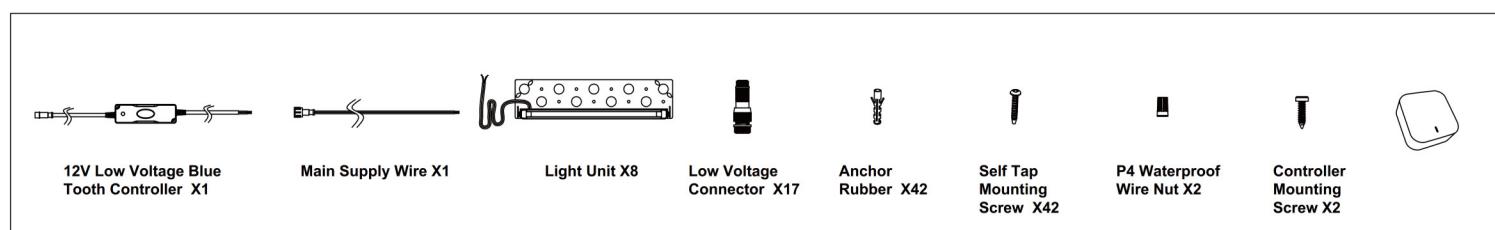
### IMPORTANT SAFETY INSTRUCTIONS

- ◆ For outdoor use only.
- ◆ Make sure the power is turned OFF before installing or servicing this fixture.
- ◆ WARNING: Risk of electrical shock. Install all fixtures 10 feet(3.05 m) or more from a pool, spa, or fountain.
- ◆ This fixture is to be used with a low voltage power supply that does not exceed 15V.
- ◆ Position the wire and wire connector so that it is connected within 6 inches (15.2 cm) from a building structure, a fixture or fitting.

7inch



12inch



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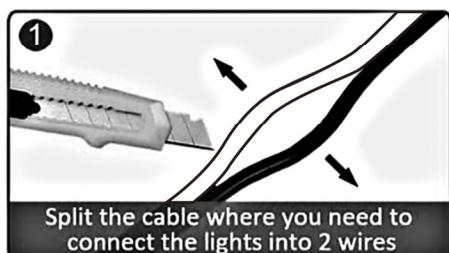
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## Fixture Mounting Instructions (Masonry or Hardscapes)

- 1) Disconnect the transformer from the main power supply.
- 2) Connect the controller's input cord with output supply of transformer.
- 3) You need to figure out lay out of your hardscape project first, then place the controller in the right place.  
THIS BOX CONTAINS BLUE TOOTH MODULE. PLEASE FIX IT ON OPEN AREA AT LEAST TWO FOOT ABOVE GROUND.  
⚠️ WARNING: NEVER PUT IT INTO CASE COVER BY METAL OR CONCRETE. NEVER BURY IT INTO GROUND OR PUT INTO WATER. FRONT SIDE WITH CLOUDYBAY LOGO CONTAIN ANTENNA, WHICH SHOULD FACE AMBIENT AREA TO RECEIVE SIGNAL PROPERLY!
- 4) Place the stainless steel mounting bracket between layers of hardscape material.
- 5) Connect light unit with main power supply wires through low voltage connectors.  
Black to black and white to white.



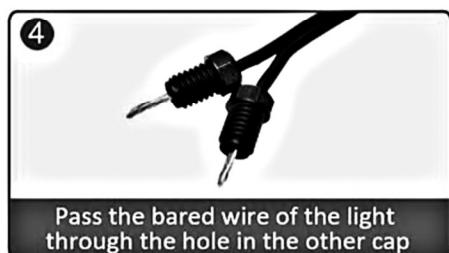
Split the cable where you need to connect the lights into 2 wires



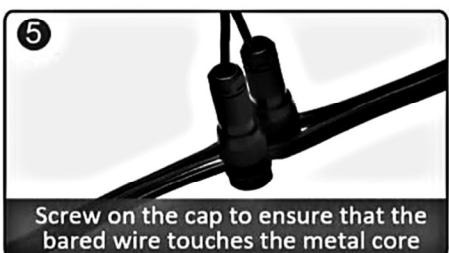
Clip the wire into the grooved cap



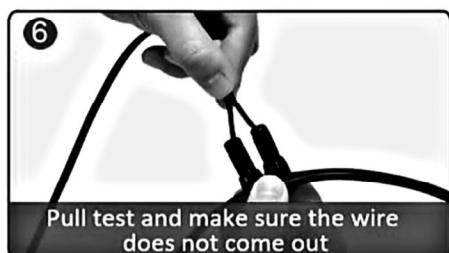
Screw on the body make sure that the pin inserts into the wire



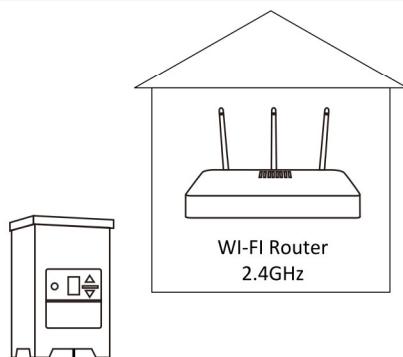
Pass the bared wire of the light through the hole in the other cap



Screw on the cap to ensure that the bared wire touches the metal core



Pull test and make sure the wire does not come out



Max.distance Between Router And Hub: **MAX 50FT**



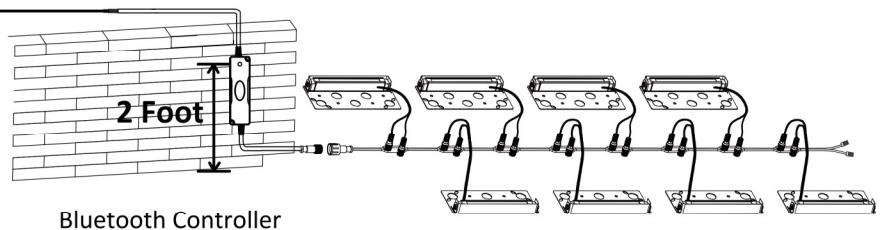
Max.distance Between HUB and Bluetooth Controller: **Hub 100FT**

Hub / Gateway

Outdoor, Face to BLE controller

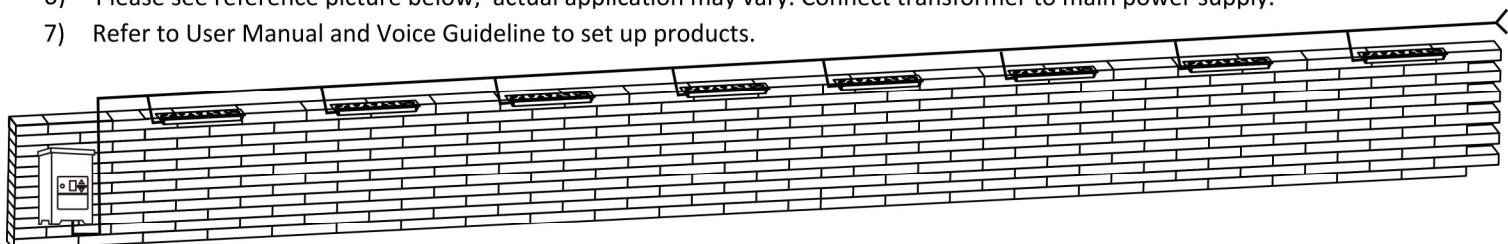
\* If plug Hub in outdoor outlet, make sure to cover with water proof cover

Low Voltage Transformer  
(Not Included)



6) Please see reference picture below, actual application may vary. Connect transformer to main power supply.

7) Refer to User Manual and Voice Guideline to set up products.



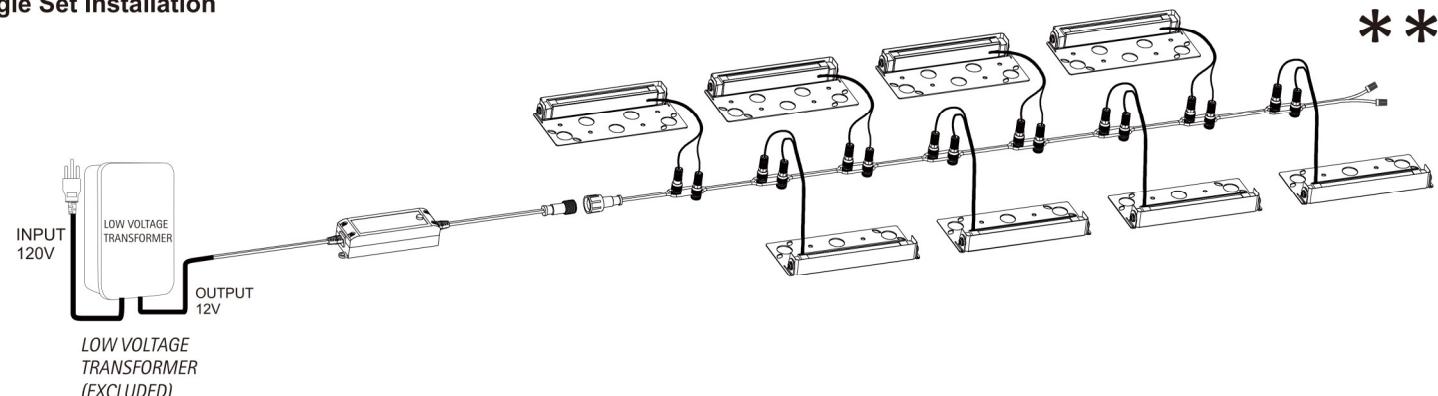
 **Cloudy Bay**®

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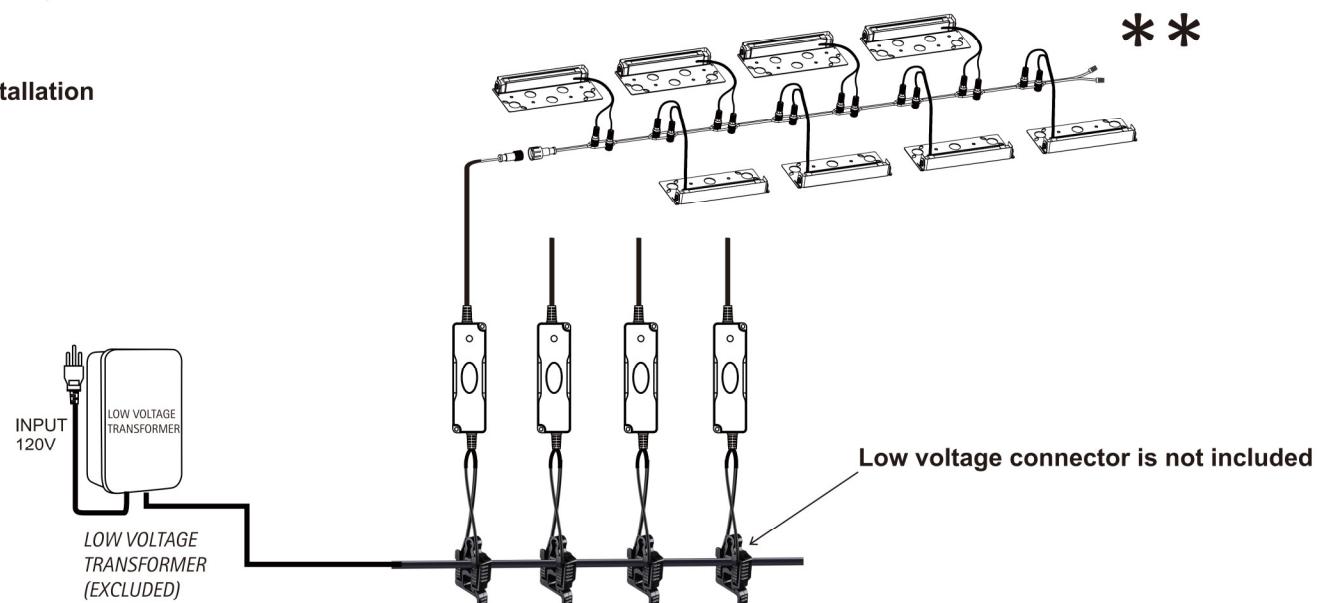
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## Single Set Installation



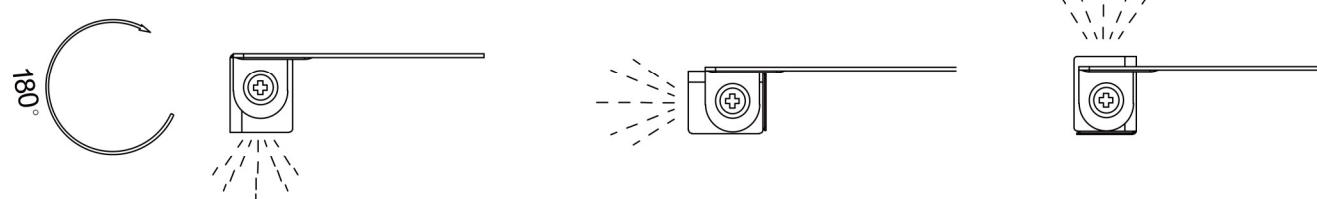
## Multi Set Installation



\*PLEASE FIX LOW VOLTAGE BLUETOOTH CONTROLLER ON OPEN AREA AND IN SAME SIDE OF HUB !

\*\*PLEASE CONNECT SPT 2\*18AWG OR HIGHER RATE EXTENSION CORD UP TO 200 FOOT WITH MAIN SUPPLY WIRE IF IT IS NOT LONG ENOUGH FOR YOUR APPLICATION. ROUGH SIDE CONNECT WITH BLACK WIRE WHILE PARAMETER-PRINTED SIDE WITH WHITE WIRE, IN THE SAME METHOD TO CONNECT WITH EACH LIGHT.

1. This swivel light head design allows you to adjust illumination angel from 0 - 180 degree rotation angle (is subjected to actual application) please test it at night due to the setting for each project may vary.



7 Make sure your transformer is Non dimmable and range from 12-15VAC. Voltage drop may affect performance of product , voltage sequence is 15VAC>14VAC>13VAC>12VAC.

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## Trouble Shooting:

1.What gauge wire do I need to use If I use wires to connect controller to transformer?

Please use 12AWG\*2 wire between transformer and controller if you connect wire from 20-30 meter, use 14AWG \*2 wire from 10-20 meter, 16 AWG\*2 wire between 0-10 meter. use multi meter to test input voltage of controller, voltage is from 11VAC to 15VAC for stable performance.

2.What can I do if existing output wire is not long enough for my application?

Please connect SPT-2W 18AWGX2 wire with output wire of controller if 33 feet wire is not long enough for your application, connect stripe black wire with black wire, wire marked with words with white wire.

3.Can I still use these lights when my Wi-Fi network break down?

Please open blue tooth on smart phone, stay away less than 50 foot from controller, establish connection between phone and controller, then you can use those functions of APP except mobile control and voice control.

4.Where do I plug in the hub if it plays an important role in this system?

Please plug the hub into an outlet within distance 30-50 foot from router so that it can pair with router free of problem and can work stable in long term, at the same, distance between hub and blue tooth controller should be 50 foot -100 foot, and there is not metal or concrete wall, or other known barrier between them.

5. Where can I place the blue tooth controller so that it can pair with hub free of problem?

The blue tooth controller contains a blue tooth module integrated with printed antenna, it can receive signal if it is fixed on an open area. So please fix it 24 inch above ground on wall or on pole, and within 50-100 foot from hub.

6.If controller or light unit fails during warranty period, what can I do to solve the problem?

First of all, determine problem is from light or controller, if controller fails, contact with seller for a controller replacement, then disconnect it from transformer, and loose connector with output wire, replace controller, repeat pair steps to add it to hub. If light unit fails, get replacement from seller, disconnect with main power supply and reconnect it with new one.

In order to minimum labor cost, always place input wire of lights unit into conduit and wire connector is accessible in case your need to renew or replace it later. Repeat this step to connect all light unit with output wire of controller.

7. Can I use 12VDC power supply ?

This controller only support 12-15VAC. NEVER CONNECT WITH 12V DC POWER SUPPLY, WHICH WILL CAUSE OVER HEAT AND EARLY FAILURE

## PRODUCT CARE

### After Sales Service

1.Please discontinue to use product right away if product shows any visible defect and contact customer service.

2.If there is any problem with our lights for non-human reasons, please contact customer service, we will send you brand new replacement without need to returning goods or full refund.

3.If you are not completely satisfied with product after installation but prefer not to disassemble, contact with us right away, we will provide comparable compensations.

### FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

### RF Exposure Information

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

## 3-Year Limited Warranty

**LIMITED WARRANTY:** This fixture is warranted to be free from defects in workmanship and material for up to 3-years. Based upon reasonable household usage, when used in accordance with package and included instructions. If this fixture does not last for the time period guaranteed, manufacturer will send you a replacement fixture upon receipt of the returned fixture, register receipt, and proof of purchase. To contact us, please email us at [smart@cloudybaylighting.com](mailto:smart@cloudybaylighting.com) to find out how to return the fixture. We are committed to making high quality products. Returning the fixture will help us monitor and further improve product quality. This replacement is the sole remedy available, and LIABILITY FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES IS HEREBY EXPRESSLY EXCLUDED.

## QUESTIONS? COMMENTS? SUGGESTIONS? COMPLAINTS?

Please contact with us through

**Toll-Free Phone Number: (1) 877-870-5171**

**[smart@cloudybaylighting.com](mailto:smart@cloudybaylighting.com)**

**[or info@cloudybaylighting.com](mailto:info@cloudybaylighting.com)**

We will do our best to make it right for you. Thank you very much!

