

Welcome

Lightcloud®

Smart In-Wall Outlet

OUTLET15/LCB

OUTLET/LCB

WE'RE HERE TO HELP:

1(844) LIGHTCLOUD

1(844) 544-4825

Hello

The Lightcloud Blue Smart Outlet communicates via Bluetooth® Mesh for scalable wireless control—no gateway or hub required. The top receptacle is controlled through the app while the bottom receptacle always remains on to meet code requirements. Create schedules or pair with occupancy sensors for automated control.

Product Specifications

- Load Capacity:
OUTLET15: 15A/1875W 125V
OUTLET: 20A/2500W 125V
- Color: Matte White
- Warranty:
2-Year, Limited warranty
- Split controlled receptacle
- Bluetooth® mesh control
- Scheduling & automation
- Neutral wire required
- Residential or commercial

Safety Information

- To avoid risk of fire and electrical shock, products shall be installed in accordance with National Electrical Code (*NEC*) and local regulations.
- If you're not clear about any part of these instructions, please consult a licensed electrician.
- **WARNING:** To avoid the risk of overheating and possible damage to the equipment, do not exceed the maximum power rating: 15A (1875W) / 20A (2500W).
- Risk of Electric Shock: Disconnect power supply at the circuit breaker or fuse before installation or servicing.
- Wiring: Use only solid copper wire. (15A: #14 / 20A: #12).
- Terminal screw torque: 1.4 N.m (12 lb-in).
- For indoor use and flush mounting only.
- The best installation height: 4ft.

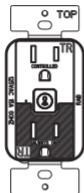
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support@lightcloud.com

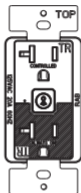
What's In The Box

Parts Included

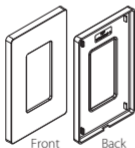


Smart Outlet
OUTLET15/LCB (1 pcs)

OR



Smart Outlet
OUTLET/LCB (1 pcs)



Face Plate
(1 pcs)



Cover Plate
(1 pcs)

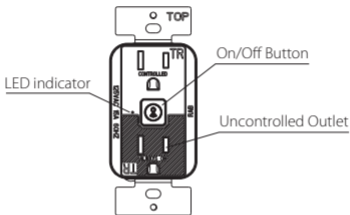


Mounting
Screws (2 pcs)

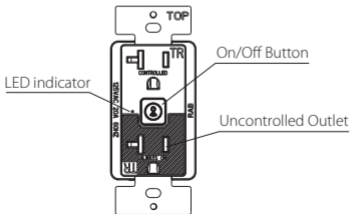
Basic Operation *(cont'd)*

① Functional Parts

OUTLET15/LCB:





OUTLET/LCB




② LED indicator

Pairing Mode (*before pairing*)

Indicator Color	Light Pattern	What it means
	Alternating Red & Green	The device is searching for the App. It will flash continuously until paired.
	Flashing Green	The device is actively joining the Lightcloud Blue network.

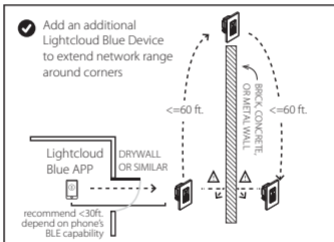
Operation Mode (*after pairing*)

Indicator Color	Light Pattern	What it means
	Solid Green	Power On. The outlet is active and providing power to the load.
(None)	Light OFF	The outlet is turned off and the indicator is Off.

Installing your Lightcloud Blue Device

1 Find a Suitable Location

- Lightcloud Blue devices should be positioned within 60 ft. of each other.
- Building materials such as brick, concrete and steel construction may require additional Lightcloud Blue devices to extend around an obstruction.

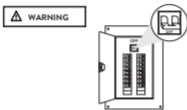


Installing your Lightcloud Blue Device

(cont'd)

2 Turn off Power

- Place the wall switch in the off position.
- Turn off the main power at the breaker panel or remove the fuse from the fuse box.



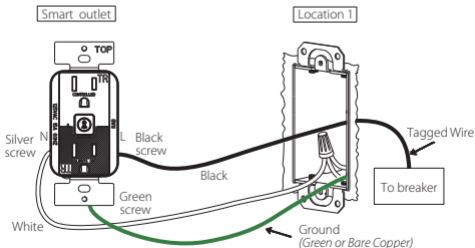
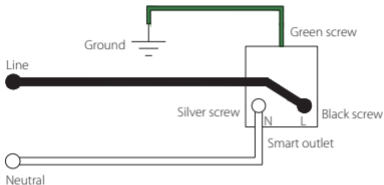
3 Remove Existing Outlet

- Remove existing wall panel and Outlet mounting screws.
- Carefully pull Outlet from wall box, identify and remove the wires attached to the Outlet, then remove the Outlet.

Installing your Lightcloud Blue Device *(cont'd)*

④ Typical Wiring

Wiring Scheme *(neutral and hot wire)*



Installing your Lightcloud Blue Device

(cont'd)

4a Combine Multiple Devices (*optional*)

The Smart Outlet can be grouped with other Lightcloud Blue devices (*i.e. dimmers, sensors, lights*) in the mobile app.

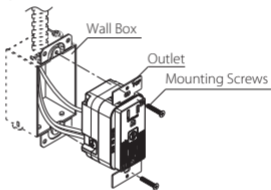
Devices that are grouped together in the same Area will behave together. Create schedules or pair with occupancy sensors for automated control.

Note: Fixtures that utilize Lightcloud Blue lamps should be plugged into the bottom (*always on*) outlet. (*i.e. A19, BR, PAR, T8, B11, PL, etc.*)

Installing your Lightcloud Blue Device *(cont'd)*

5 Install and Fix the Smart outlet

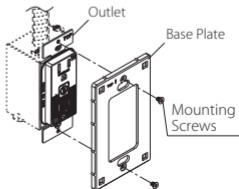
- Ensure the Control Component is attached to the Power Component. Carefully position all wires inside the wall box, leaving enough room to insert the Smart inwall outlet. Secure the Smart inwall outlet to the Wall Box with the mounting screws provided.



6 Install the Wall Plate

6a Separate Plate

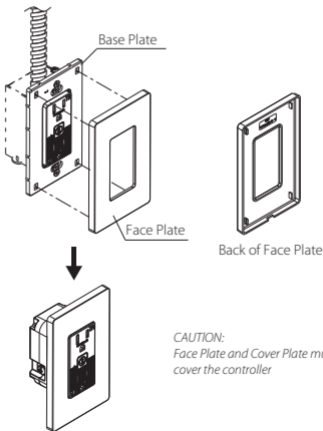
- Place the base plate over the installed switch and secure it using provided mounting screws.



Installing your Lightcloud Blue Device

(cont'd)

- 6b** • Connect the face plate to the installed back plate and gently push it until it clicks into place. Be sure to align the divets on the back and face plate to make it easier to remove the faceplate when needed.



CAUTION:
Face Plate and Cover Plate must cover the controller

Controlling your Lightcloud Blue Device

- 1 Confirm your device is powered on.
- 2 Download the Lightcloud Blue app from the Apple® App Store or Google® Play store.



- 3 Launch the app and create an account.
- 4 Tap the "add device" icon in the app to start connecting devices.
- 5 Select the Outlet and assign to an Area.



- 6 You're all set!

Learn more



Setting Device to Pairing Mode

To restore your device to factory settings, use the following methods.

Method 1: Delete from App

Open the mobile app and access the device settings for the paired device. Be sure that the device is online (*green status bars*) and select "Delete from Site". The indicator light will blink red when the device has been reset and the indicator light will alternate between red and green.

Method 2: Reset Button

Press and hold the On/Off Button for 10 seconds or until you see the indicator light blink red and then release the button. The device will reset and alternate red and green.

RF EXPOSURE STATEMENT

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

FCC Information:

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. 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.*

FCC CAUTION:

Any changes or modifications to this unit not expressly approved by the manufacture could void the user's authority to operate the equipment.

Lightcloud®

Lightcloud Blue is a Bluetooth® Mesh lighting control system designed for fast setup and flexibility. Install quickly with no gateways, hubs, or additional control wiring. Start with a single device and easily scale to control entire buildings.

Learn more at rablighting.com/lcb.

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