# Lightcloud Blue | Accessories

Adding features to your Lightcloud Blue site is easy with these various devices.
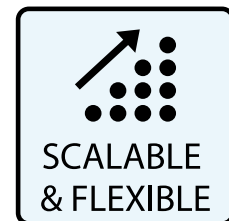
## Features



### NO GATEWAY REQUIRED

**No Gateway or Hub Required:**
Using Bluetooth Mesh, each device communicates with the others to extend the range further.

### RAPID PROVISIONING

**Rapid Provisioning:**
Pair groups of fixtures simultaneously in minutes. Save time and labor.

### SCALABLE & FLEXIBLE

**Scalable and Flexible:**
Start small and scale up. Add thousands of devices to a single account.

# Line Voltage Controller

Convert any 0-10V fixture or dimming circuit to allow for wireless control with Lightcloud Blue. It's easily attached to a ½" knockout or can simply be factory-installed onto your favorite RAB fixture. Easily control devices up to 200* feet apart within the Bluetooth mesh network, no need to run additional wire.

### LCBLUECONTROL/[W/B]

**Voltage:** 120 - 277V

**Load Ratings:** LED/Fluorescent/Incandescent: 400W @ 120/277V

**IP Rating:** IP20 (white); IP66 (black)

**Indoor Range:** 60 ft obstructions, 200 ft clear line of sight

**Outdoor Range:** 18 ft around corners, 60 ft clear line of sight*

**Sensor:** Optional via RJ09

### LCBC-X/[W/B]

**Voltage:** 120 - 277V

**Load Ratings:** Fluorescent/Incandescent: 16A@120V; 8A@277V; LED: 8A @ 120/277V

**IP Rating:** IP66; Outdoor

**Outdoor Range:** 120 ft around corners, 200-300 ft clear line of sight*

**Sensor:** Optional via RJ09

# Low Voltage (12V) Controller

Convert any 0-10V **dim-to-off** fixture to allow for wireless control with Lightcloud Blue. It's easily attached to a ½" knockout or can simply be factory-installed onto your favorite RAB fixture. Easily control devices up to 200* feet apart within the Bluetooth mesh network, no need to run additional wire.

### LCBAUX/[W/B]

**Voltage:** 10.5-36V

**IP Rating:** IP66; Indoor/Outdoor

**Indoor Range:** 60 ft obstructions, 200 ft clear line of sight

**Outdoor Range:** 18 ft around corners, 60 ft clear line of sight*

**Sensor:** Optional via RJ09

### LCBAUX-X/[W/B]

**Voltage:** 10.5-36V

**IP Rating:** IP66; Outdoor

**Outdoor Range:** 120 ft around corners, 200-300 ft clear line of sight*

**Sensor:** Optional via RJ09

# 5-Pin Plug-In Controllers

These Controllers add Lightcloud Blue compatibility to HID replacement lamps with integrated 5-pin sensor ports. Models are available with a PIR or MVS sensor for occupancy and daylight sensing.

Indoor Range: 60 ft obstructions, 200 ft clear line of sight

### CONTROL/W/AUX/5SP/LCB[S][/MVS]

**Voltage:** 12V

**Connection Type:** 5-pin

**Mounting Height:** 39 ft

**Detection Area:** 20 ft dia

**Daylight sensing:** Yes

**Environment:** Indoor

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*Range may extend up to 300 feet under optimal conditions with clear line of sight. Actual range varies based on environmental factors including buildings, landscaping, and other obstructions.*

# Low-Voltage Controllers/Sensors

These sensors/controllers are designed for use with compatible 0-10V fixtures with 12VDC power output. Easily screws into RAB fixtures with a sensor port or use the RAAS[B] accessory to attach it to a 1/2" knockout on the fixture. Available with either a PIR or MVS sensor, and ideal for fixtures mounted as high as 50 feet.

Indoor Range: 60 ft obstructions, 200 ft clear line of sight
Outdoor Range: 18 ft around corners, 60 ft clear line of sight

Passive Infrared (PIR)          Microwave (MVS)          Right Angle Arm Support (RAAS)
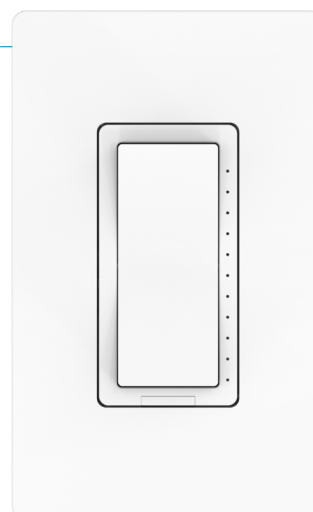
|  | PIR20[B]/LCB | PIR40[B]/LCB | MVS20 [B]/LCB | MVS50 [B]/LCB |
|---|---|---|---|---|
| Technology | Passive Infrared | | Microwave | |
| Mounting Height | 20 ft | 40 ft | 20 ft | 50 ft |
| Detection Area | 20 ft dia | 40 ft dia | 20 ft dia | 50 ft dia |
| Voltage | 12VCD | | | |
| Connection Type | 3-Pin Pogo | | | |
| Daylight Sensing | Yes | | | |
| IP Rating | IP66; Indoor/Outdoor | | | |

# Dimmer Bridge

The Dimmer Bridge offers the sleek look and capability of our other dimmers and can easily connects your Lightcloud Blue area to a Lightcloud Gateway, gaining you access to a complete suite of premium features including remote access, BACnet integration, demand response, and user permissions.

Indoor Range: 60 ft obstructions, 200 ft clear line of sight

GATEWAY REQUIRED    DEMAND RESPONSE    BACnet BACNET INTEGRATION    ACCESSIBILITY

## XDIM/BRIDGE/LCB

**Dim Type:** Phase

**Voltage:** 120-277V

**Load Ratings:** LED/CFL: 300W; INC/HAL/ELV: 500W; MLV: 400VA

**Power Monitoring:** Yes, neutral required

# Dimmers

In-wall dimmers can be used to control standard wired lighting or wirelessly control Lightcloud Blue lighting—no Gateway or Hub required. Models are available for 120V or 120-277V use, as well as with an optional passive infrared (PIR) sensor.

Indoor Range: 60 ft obstructions, 200 ft clear line of sight

|  | XDIM/LCB | XDIM/LCBS | XDIM/D10/LCB | ZDIM/LCB | ZDIM/LCBS | ZDIMSP/LCB |
|---|---|---|---|---|---|---|
| Dim Type | Phase Cut | | 0-10V | Wireless | | |
| Voltage | 120V | | 120-277V | | | Self-Powered |
| Load Rating | LED/CFL: 300W INC/HAL/ELV: 500W MLV: 400VA | | 10A @ 120V 5A @ 277V | No Connected Load | | |
| Neutral Required | Optional* | | Yes | | | No |
| Sensor | No | Yes, PIR | No | No | Yes, PIR | No |

*Neutral wire required for power monitoring*

# Standalone Ceiling Sensor

These standalone ceiling occupancy sensors can be combined with any Lightcloud Blue lights. Once paired, the sensor can be programmed for Occupancy or Vacancy, set timeouts, sensitivity levels, specify actions and create daylight zones.

Indoor Range: 60 ft obstructions, 200 ft clear line of sight

### LCLCSENSE/SH*

Voltage: 12VDC
Connection Type: RJ09
Mounting Height: 9 ft
Detection Area: 20 ft. dia.
Daylight Sensing: Yes
IP Rating: IP66, Indoor/Outdoor

*Requires Lightcloud Blue Controller*

### PIRW40/LCB

Voltage: 120-277V
Connection Type: Hardwired
Mounting Height: 39 ft
Detection Area: 40 ft. dia.
Daylight Sensing: Yes
IP Rating: IP66, Indoor/Outdoor

### MVSW50/LCB

Voltage: 120-277V
Connection Type: Hardwired
Mounting Height: 49 ft
Detection Area: 50 ft. dia.
Daylight Sensing: Yes
IP Rating: IP66, Indoor/Outdoor

# Remote

The Lightcloud Blue Remote provides a truly wireless control of Lightcloud Blue lights. Simultaneously control hundreds of lights to adjust on/off, dim level, and color temperature*, and set two programmable buttons for up to 6 custom scenes.

Indoor Range: 60 ft obstructions, 200 ft clear line of sight

*Remote can only adjust CCT on RGBW lamps and fixtures.*

**2 YEAR LIMITED WARRANTY**

## LCBLUEREMOTE/W

**Voltage:** 3V

**Amps:** 10mA

**Battery Type:** CR2032

**Battery Life:** 2 years

**Dimensions:** 2 5/8"H x 1 5/16"L x 3/8"W

**Weight:** 0.21 lbs

# Remote Plate Adapter & Remote Pedestal

Designed for use with the Remote, the Plate Adapter easily secures your Remote to the wall while the portable Pedestal can be utilized anywhere as a decorative stand for your Remote. The Pedestal seats the Remote at a comfortable angle and features a non-slip bottom for secure operation.

## PLATE KIT/W/LCB

## PEDESTAL/W/LCB

# Nano

**3 YEAR NO-COMPROMISE WARRANTY**

## NANO/LCB

**Voltage:** 5V

**Connectivity:** USB-A
*Must be connected to a 2.4GHz Wi-Fi network*

works with alexa

works with Google Home

The Nano expands Lightcloud Blue's capabilities to include compatibility with Amazon® Alexa or Google® Nest and because the Nano connects to Network Time Protocol (NTP) via your Wi-Fi, timekeeping and schedules become more accurate. If power is lost and restored, the Nano automatically reconnects to Wi-Fi and immediately sends the current time to all devices so that all Schedules and SmartShift continue without the user having to open the app.

Indoor Range: 60 ft obstructions, 200 ft clear line of sight

# Wireless Occupancy Sensor

**3 YEAR NO-COMPROMISE WARRANTY**

The Wireless Occupancy Sensor is a battery-operated motion detector that can be placed anywhere—no wiring required! Its passive infrared technology is ideal for small movement detection and is best suited for smaller, open areas. With a base that can rotate up to 150°, it is easy to maximize your detection area.

Indoor Range: 60 ft obstructions, 200 ft clear line of sight

## SENSE/PIR/W/LCB

**Mounting Height:** 9 ft

**Detection Area:** 20 ft diameter

**Detection Angle:** 120° - 150°

**Daylight Sensing:** No

**Battery Type:** Lithium CR2

**Battery Life:** 3 years

**Environment:** Indoor

# High Bay Emergency Driver

With the Lightcloud Blue emergency driver, testing can now be completed in minutes using a Bluetooth Mesh wireless network. With the Lightcloud Blue mobile app, users can manually conduct monthly and annual tests as well as export testing reports.

Indoor Range: 60 ft obstructions, 200 ft clear line of sight

### EMHB30[B]/LCB

**Battery Type:** Lithium-Ion

**Input Wattage:** 12W Max
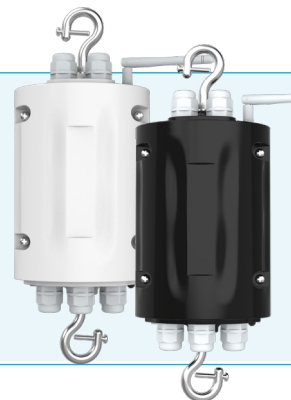
**Output Power Max:** 30W

**Input Voltage:** 100-347V

### EMHB60[B]/LCB

**Battery Type:** Lithium-Ion

**Input Wattage:** 12W Max

**Output Power Max:** 60W

**Input Voltage:** 100-347V

## Contact us today!

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