



UPC: 192552000444

Color: White

Weight: 0.3 lbs

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

## Technical Specifications

### Performance

**Product Type:**

Lightcloud Blue Controller

**Description:**

Convert any compatible 0-10V LED fixture to a Lightcloud Blue-enabled fixture which can be configured and controlled using the Lightcloud Blue mobile app.

### Lightcloud

**Lightcloud Blue:**

Lightcloud Blue is a Bluetooth mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patent-pending Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach.

DLC system - N1XML0EATBA

[Learn more at www.lightcloud.com](http://www.lightcloud.com)

**Gateway Required:**

No

**Communication Protocol:**

Bluetooth Mesh

**Range:**

Up to 60 feet between standard building materials.  
Up to 200 feet clear line of sight.

**Spacing Criteria:**

Lightcloud Blue devices should be placed within the specified range to communicate within the Bluetooth Mesh network.

**Factory Reset:**

To reset the device to factory settings and into pairing mode locate the device identification button at the top of the Controller under the Lightcloud logo. Press and hold this button for 10s or until the indicator light begins flashing red. If the Controller is attached to a fixture, the fixture will also flash on/off 5x.

### Electrical

**Power Consumption:**

Standby: <0.6W  
Active: 1W

**Load Switching Capacity:**

LED/Fluorescent  
120V: 3A/400W  
277V: 3A/400W  
Incandescent  
120V: 3.3A/400W  
277V: 3.3A/400W

**Input Voltage:**

120-277V

**Operating Frequency:**

50/60Hz

**Operating Temperature:**

-4°F to 113°F (-20°C to 45°C)

**Status Indicator:**

The status indicator light is located around the circumference of the top of the Controller.

- Solid Green: connected to a Lightcloud Blue network.
- Blinking Red when unprovisioned

**Device Identification Button:**

Located at the top of the controller under the Lightcloud logo. Once the Controller has been provisioned to the Lightcloud Blue mobile app this button offers the following functionality:

- Press once to rapid identify this device in the Lightcloud Blue mobile app
- Press twice to toggle circuit on and off
- Press twice and hold to set dim level
- Press and hold for 10s to reset the device to factory settings and into pairing mode

**Dimmable:**

Yes, when connected to a compatible 0-10V fixture.

## Technical Specifications (continued)

### Construction

**Finish:**

White

**Shape:**

Cylinder

**Enclosure Material:**

Plastic

### Compliance

**Listings:**

UL Listed

**Environment:**

Suitable for dry or damp environments in indoor applications

**IP Rating:**

IP20

**DLC Listed:**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

DLC Product Code: N1XMLOEATBA

[Learn more about Lightcloud.com.](#)

**DLC ID:**

N1XMLOEATBA

**Model Number for Certification:**

LCBLUECONTROL/W

**T20 Compliant:**

Not Compliant

**California Title 24 JA8 Compliant:**

Not Compliant

**California Energy Commission (CEC) Status:**

Lawful for Sales in California

**RoHS:**

Mercury and UV free. RoHS-compliant components.

**FCC:**

Complies with Part 15B of the FCC Rules

### Other

**Compatible Products:**

Any fixture or group of fixtures that are 0-10V within the rated load switching capacity.

**Warranty:**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

**Note:**

All values are typical (tolerance +/- 10%)

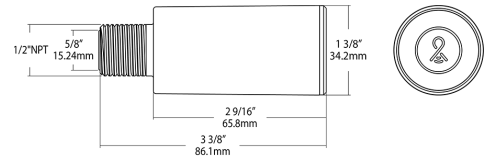
**Buy American Act Compliance:**

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Case and Pallet Dimensions

	QTY	LENGTH (in)	WIDTH (in)	HEIGHT (in)
CASE	40	12.2	9.45	14
PALLET	2	48.82	40.55	41.64

Dimension



Features

- Remotely controlled to enable switching and dimming in any compatible 0-10V LED fixture
- Direct connect to the Lightcloud Blue mobile app via Bluetooth; no Gateway or Hub required
- For use in indoor applications in dry or damp environments
- Manually control a fixture's on/off and dim level using the single Controller button
- Quickly identify the fixture during commissioning by pressing the Controller button 1x to highlight the device in the Lightcloud Blue mobile app

Ordering Matrix

Family

LCBLUECONTROL/W