



Color: Matte white

Weight: 0.2 lbs

Project:	Type:
Prepared By:	Date:

Technical Specifications

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 patented 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 - N1XMLOEATBA (Interior);
NHCZ2BIA17L (Exterior)

Learn more at www.lightcloud.com.

Gateway Required:

No

Communication Protocol:

Bluetooth Mesh

Range:

Indoor: Up to 60 feet between standard building materials. Building materials such as brick, concrete, and steel construction may require additional Lightcloud Blue devices to extend around an obstruction; Up to 200 feet clear line of sight.

Outdoor: Up to 60 feet clear line of sight; Up to 18 feet around corners

Spacing Criteria:

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

Max # of Devices to Control:

Up to 600 devices

Factory Reset:

Method 1: Delete from App
Open the app and access the device settings for the paired device. Be sure that the device is online and select 'Delete'.
Method 2: Manual
Press and hold the reset switch until the status indicator blinks red.

Status Indicator Light:

Flashing red (1s on/1s off): Device is not provisioned
Solid green: Device is provisioned

Performance

Product Type:

Wireless Dimmer

Description :

Wireless in-wall switch for on/off and dimming of any Lightcloud Blue-enabled lights.

Electrical

Dimming Control Type:

Wireless

Load Switching Capacity:

No load required, for a connected TRIAC/ELV or 0-10V load explore the XDIM family of Lightcloud Blue dimmers.

Power Cut Off Switch:

Push in to connect to line voltage.
Pull out to disconnect to line voltage.
Note: after dip switch adjustment, power device off and then power on again.

Input Voltage:

120-277V

Operating Frequency:

60 Hz

Operating Temperature:

32°F to 104°F (0°C to 40°C)

Installation

Mounting:

Requires a U.S. wallbox with 2 inch depth (recommended) and a minimum depth of 1.46 inches

Application Type:

Single-pole or Multi-point control

Technical Specifications (continued)**Neutral Wire Required:**

Yes

FCC:

Complies with Part 15 of the FCC Rules

Construction**Shape:**

Rectangle

Finish:

Matte White

Enclosure Material:

Plastic

Key Type:

Paddle

Package Includes:

- (1) Dimmer
- (1) Face plate bracket
- (1) Back plate
- (2) Mounting screws
- (1) Jumper wire
- (2) 5-pin wiring terminals
- (3) 2-pin wiring terminals
- (5) Connection wires

Compliance**Listings:**

UL 60730

Environment:

Suitable for use indoors in dry and damp environments.

DLC NLC Listed:

This product is on the Design Lights Consortium (DLC) Network Lighting Controls (NLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

DLC system - N1XMLOEATBA (Interior);
NHCZ2BIA17L (Exterior)

Certification Model Number:

ZDIM/LCB

California Title 20 Compliant:

No

California Title 24 JA8 Compliant:

No

California Energy Commission (CEC) Status:

Lawful for Sales in California

RoHS:

Mercury and UV free. RoHS-compliant components.

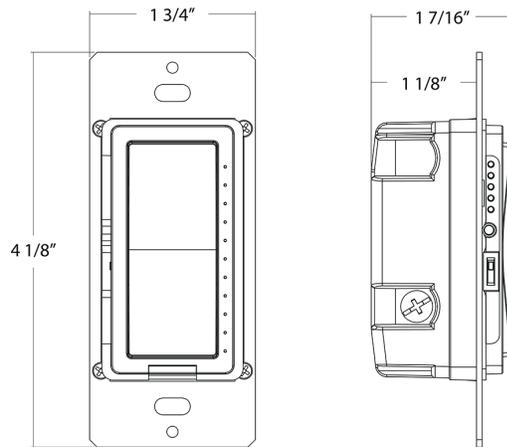
Other**3 Yr Limited Warranty:**

The RAB 3-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty

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.

Dimensions



Features

- In-wall device for switching and dimming any Lightcloud Blue device
- Dimming features both fade on/off and rapid full-on
- Set the paddle to dim up/down or turn lights on/off
- Control up to 600 Lightcloud Blue-enabled lights with a single switch.
- Neutral wire connection is required.

Ordering Matrix

Family	Driver	Finish	Options
ZDIM			/LCB

Blank = 120V-277V **Blank = Matte White** **/LCB = Lightcloud Blue**
/LCBS = Lightcloud Blue w/PIR Sensor