



Color: Matte white

Weight: 0.2 lbs

Project:	Type:
Prepared By:	Date:

Technical Specifications

Lightcloud

Lightcloud Blue:

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.

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

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 200 feet clear line of sight; Up to 120 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:
Assigned to a single Area or Subgroup in the mobile app

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

Performance

Product Type:
Smart Dimmer

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

Application Type:
Single-pole. Combine with multiple Dimmers for wireless control, no traveller wires required.

Electrical
Dimming Control Type:
Wireless with Lightcloud Blue

Load Switching Capacity:
No load required. For use with Lightcloud Blue lights.

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

Neutral Wire Required:
Yes

Construction
Shape:
Rectangle

Finish:
Matte White

Technical Specifications (continued)**Enclosure Material:**

Plastic

Key Type:

Paddle

Package Includes:

- (1) Dimmer
- (1) Face plate bracket
- (1) Back plate
- (2) Mounting screws

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.

FCC:

Complies with Part 15 of the FCC Rules

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

Other

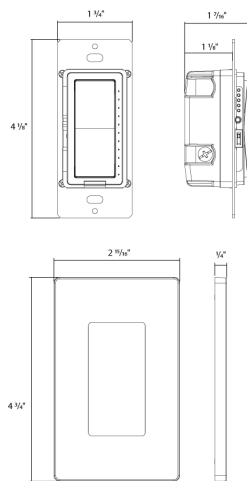
Compatible Products:

Compatible with all Lightcloud Blue products and devices.

3-Year 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

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 B = Black G = Gray LA = Light Almond	/LCB = Lightcloud Blue /LCBS = Lightcloud Blue w/PIR Sensor