KEYPAD/LCB

RAB

Color: Matte white   Weight: 0.3 lbs

Project: Type:

Prepared By: Date:

Technical Specifications

Lightcloud

Lightcloud Blue Installed:

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.rablighting.com/feature/new-lightcloud-blue.

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.

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:
4-button Scene Selector

Description:
This 4-button scene selector connects to 120-277V circuit, no load required. Each button can be configured to control hundreds of lights.

Electrical

Dimming Control Type:
Wireless

Load Switching Capactiy:
No load. This device can only be used to control other Lightcloud Blue lights and devices.

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

Neutral Wire Required:
Yes

Need help? Tech help line: **(888) 722-1000** Email: **techsupport@rablighting.com** Website: **www.rablighting.com**

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Page 2 of 4

KEYPAD/LCB

RAB

Technical Specifications (continued)

Construction

Shape:
Rectangle

Finish:
Matte White

Enclosure Material:
Plastic

Key Type:
4-button, interchangable

Button Functions:
Default:
UP: Gradually increase brightness
ON: Turn on associated Area(s)
OFF: Turn off associated Area(s)
DOWN: Gradually decrease brightness

Button functions can be customized using the
Lightcloud Blue mobile app.

Package Includes:
(1) Keypad
(1) Face plate bracket
(1) Back plate
(2) Mounting screws
(2) Set of interchangble buttons (4 buttons per set)

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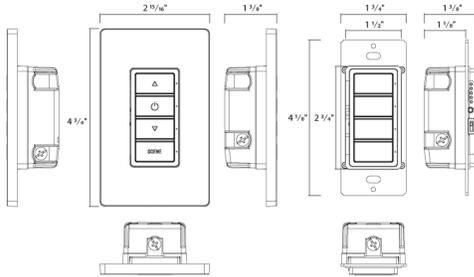
Trade Agreements Act Compliant:
This product is a product of Cambodia and a
"designated country" end product that complies
with the Trade Agreements Act

Other

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

KEYPAD/LCB

RAB®

Dimensions

Features

- Compatible with other Lightcloud Blue lights and devices
- In-wall device with 4-button scene selector for on/off and dimming
- Customizable scenes for on/off, dimming, and color tuning
- Control up to 3 Areas
- Neutral wire connection required

Ordering Matrix

Family	Driver	Finish	Controls
KEYPAD			/LCB

Blank = 120-277V   **Blank =** Matte White   **/LCB =** Lightcloud Blue

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Page 4 of 4