



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

Gateway Required:
No

Communication Protocol:
Bluetooth Mesh

Range:
~30 ft. of proxy device

Spacing Criteria:
The Self-Powered Dimmer must be within range of the proxy device and the proxy device will communicate with other Lightcloud Blue devices in the mesh network.

Performance

Product Type:
Wireless, Self-Powered Dimmer

Description :
Smart, kinetic switches designed to wirelessly control your Lightcloud Blue devices-no power source required!

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.

Operating Temperature:
-4°F to 131°F (-20°C to 55°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:
No

Construction

Shape:
Rectangle

Finish:
Matte White

Enclosure Material:
Plastic

Key Type:
Paddle

Compliance

Listings:
UL Listed

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:
ZDIMSP/LCB

Technical Specifications (continued)**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

Other**Compatible Products:**

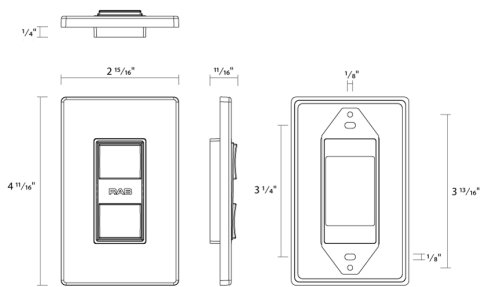
This Self-Powered Dimmer can be combined with other Lightcloud Blue lights and devices. When pairing this dimmer, there must be at least one compatible proxy light(s)/device(s) grouped in the same Area to use this dimmer for wireless control. Max of one Self-Powered Dimmer can be paired to a single proxy device. All Lightcloud Blue products are compatible proxy light(s)/device(s) except: XDIM[/D10]/LCB[S]; ZDIM/LCB[S]; KEYPAD/LCB; LCBLUEREMOTE/W; SENSE/PIR/W/LCB; LCBLV/TW; LCBLVD/RGB; FXLEDL; GAMERGB.

The Self-Powered Dimmer can be assigned to control a Subgroup within an Area using the Lightcloud Blue mobile app when one or more of the following devices are assigned to the same Subgroup. PIRW12[/ARM]/LCB

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

- No wiring or batteries needed
- Kinetic, self-powered dimmer switch for compatible Lightcloud Blue devices
- Dimming features both fade on/off and rapid full-on
- Easy installation to single-gang wallbox or flat surface
- Wireless communication via Bluetooth

Ordering Matrix

Family	Driver	Finish	Controls
ZDIM	SP		/LCB
SP = Self-Powered Blank = Matte White /LCB = Lightcloud Blue			