



Color: Matte white

Weight: 0.2 lbs

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

**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](http://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 wireless, 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) (listed below) grouped in the same Area to use this dimmer for wireless control.

LCBLUECONTROL/[W/B]

Lightcloud Blue Line Voltage Controller 3A

LCBC-X/[W/B]

Lightcloud Blue Line Voltage Controller 16A

PIR[20/40][B]/LCB

Lightcloud Blue Low Voltage Controller+Sensor

MVS[20/50][B]/LCB

Lightcloud Blue Low Voltage Controller+Sensor

LCBAUX[-X]/[W/B]

Lightcloud Blue Low Voltage Controller

PIRW[12/40]/LCB

Line Voltage Passive Infrared Occupancy Sensor IP66

MVSW50/LCB

Line Voltage Microwave Occupancy Sensor IP66

T34FA[1X4/2X2/2X4]/LCB[S]

Backlit panel, tunable white with Lightcloud Blue

EZP[1X4/2X2/2X4]/LCB[S]

Edge-lit panel, tunable white with Lightcloud Blue

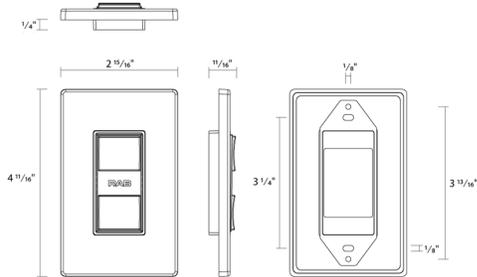
SWISHFA[1X4/2X2/2X4]/LCB[S]

Center basket troffer, tunable white with Lightcloud Blue

**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](http://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