



Color: Matte white

Weight: 0.4 lbs

Project:	Type:
Prepared By:	Date:

Technical Specifications

Performance

Product Type:

Dimmer

Description :

The Lightcloud Blue 0-10V Dimmer can be used to control standard LED lighting or Lightcloud Blue-enabled lighting. No Gateway or Hub required. Use the up/down paddle to adjust the dim level or turn lights on/off. Indicator lights illuminate to reflect the current brightness levels and online status.

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 patent-pending 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

[Learn more at www.lightcloud.com](http://www.lightcloud.com)

Gateway Required:

No

Communication Protocol:

Bluetooth Mesh

Range:

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.

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 200 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

Electrical

Dimming Control Type:

0-10V

Power Rating:

1200W

Load Switching Capacity:

10A @ 120V; 5A @ 277V

Multi-gang Derating:

When combining controls in the same wallbox, derating is required.

LED/CFL

Not Ganged: 300W max load

End of Gang: 250W max load

Middle of Gang: 200W max load

INC/HAL/ELV/MLV

Not Ganged: 500W max load

End of Gang: 400W max load

Middle of Gang: 300W max load

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

Technical Specifications (continued)

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

Application Type

Application Type:

Single-pole
3-way mechanical switch
3-way application with normal toggle switch.

Construction

Housing Material:

Plastic

Shape:

Rectangle

Finish:

Matte White

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 1472

Environment:

Suitable for indoor use in dry and damp environments

Model Number for Certification:

XDIM/D10/LCB

T20 Compliant:

Not applicable

California Title 24 JA8 Compliant:

Not applicable

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

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

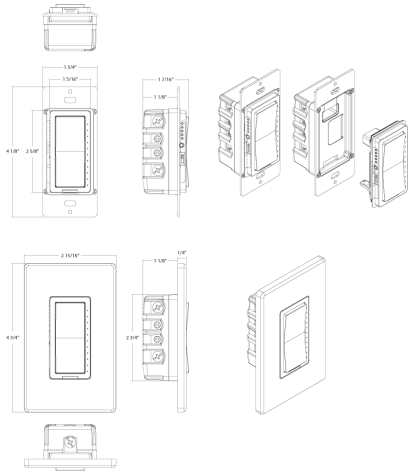
Note:

All values are typical (tolerance +/- 10%)

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 local load (0-10V) and any Lightcloud Blue-enabled device
- Dimming features both fade on/off and rapid full-on
- Set the max trim level for a zone or fixture to save energy
- Connect to the Lightcloud Blue mobile app to wireless control

Ordering Matrix

Family	Voltage/Dimming	Finish	Options
XDIM	/D10		/LCB

Blank = 120V, Forward/Reverse Phase
/D10 = 120-277V, 0-10V Dimming

Blank = White

Blank = Standard
/LCB = Lightcloud® Blue Enabled