XDIM/LCB

RAB

Color: Matte white   Weight: 0.4 lbs

Technical Specifications

Performance

Product Type:
Dimmer

Description :
The Lightcloud Blue Phase Dimmer can be used to control standard 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

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:
Selectable Phase: Forward/Reverse

Power Rating:
500W

Load Switching Capactiy:
LED/CFL: 300W
INC/HAL/ELV: 500W
MLV: 400VA

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

Technical Specifications (continued)

Self Calibration:
Via dip switch choose a sef calibration option based on the fixtures being controlled:
F - forward phase
A - auto-detect forward/reverse phase
R - reverse phase

Note: after dip switch adjustment, power device off and then power on again.

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:
120V

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:
Optional.
Power usage can only be reported when neutral-wire is connected.

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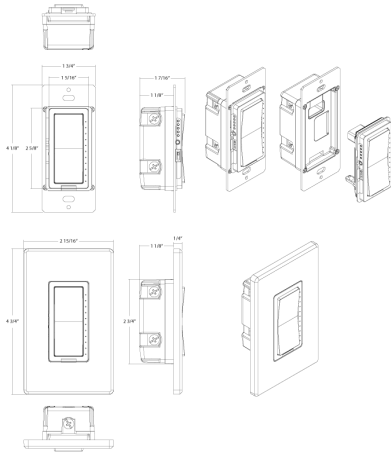
Note:
All values are typical (tolerance +/- 10%)

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.

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Dimensions

Features

- In-wall device for switching and dimming local load (ELV/MLV) 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
- Neutral wire connection is optional

Ordering Matrix

Family	Voltage/Dimming	Finish	Options
XDIM			/LCB
	Blank = 120V, Forward/Reverse Phase **/D10 =** 120-277V, 0-10V Dimming	**Blank =** White	**Blank =** Standard **/LCB =** Lightcloud® Blue Enabled

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

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