



Color: Matte white

Weight: 0.3 lbs

Project:	Type:
Prepared By:	Date:

Technical Specifications

Lightcloud

Lightcloud Blue:

Lightcloud Blue is a Bluetooth® Mesh lighting control system designed for fast setup and flexibility. Install quickly with no gateways, hubs, or additional control wiring. Start with a single device and easily scale to control entire buildings. Learn more at rablighting.com/lcb.

DLC system - N1XMLOEATBA (Interior); NHCZ2BIA17L (Exterior)

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.

Performance

Product Type:

Smart Outlet

Description:

Smart, split-control outlets with one always-on and one app-controlled receptacle. Easily add scheduling, occupancy automation, and power monitoring while meeting code requirements—available in 15A and 20A.

Load Switching Capacity:

1800W

Amperage:

15A

Lifespan:

15,000 Hours

Electrical

Input Voltage:

125V

Operating Frequency:

60 Hz

Input Current @ 120V:

15A

Installation

Terminal Wire:

14 AWG

Mounting:

Requires a U.S. wallbox with 2-inch depth (recommended) and a minimum depth of 1.46 inches. For use in single or multi-gang applications.

Construction

Shape:

Rectangle

Finish:

Matte White

Enclosure Material:

Polycarbonate, Copper, Iron

Compliance

Listings:

UL Listed

Environment:

Suitable for use indoors in dry and damp environments.

Technical Specifications (continued)

DLC NLC Listed:

This system 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:

OUTLET15/LCB

California Energy Commission (CEC) Status:

Lawful for Sales in California

RoHS:

Mercury and UV free. RoHS-compliant components.

FCC:

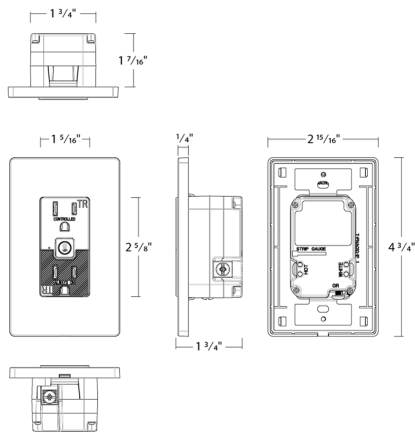
Complies with Part 15 of the FCC Rules

Other

2-Year Limited Warranty:

The RAB 2-year limited warranty covers defects in materials under normal use and installation conditions. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Dimensions



Features

- 120V, 20A Resistive Load Rating
- Top receptacle controlled with Lightcloud Blue, bottom receptacle always on
- Wirelessly configure schedules and occupancy control using the mobile app
- Power monitoring available on both receptacles
- 2-Year limited warranty

Ordering Matrix

Family	Load Switching Capacity	Voltage	Finish	Controls
OUTLET	15			/LCB
	Blank = 20A 2400W 15 = 15A, 1800W	Blank = 125V	Blank = White	/LCB = Lightcloud Blue