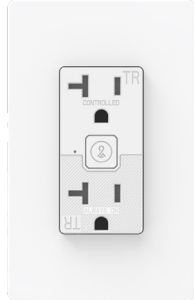
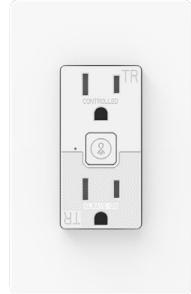


# Lightcloud Blue Smart Outlet

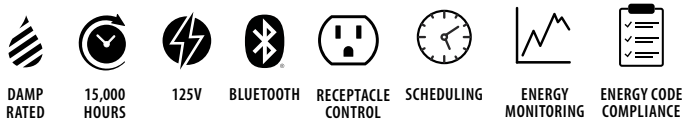


OUTLET/LCB



OUTLET15/LCB

## Easy code compliance with Lightcloud Blue



PROJECT:

DATE:

TYPE:

PREPARED BY:



### KEY FEATURES

- Compliant with ASHRAE 90.1-2022, Title 24 (2025), NEC 406.3(F)
- 125V, 15A or 20A resistive load rating, UL Listed
- Split-controlled design — top managed, bottom always on
- Tamper-resistant with permanently marked controlled receptacle
- Schedule and occupancy-based control via mobile app
- Individual power monitoring on both receptacles
- Eliminates phantom loads when unoccupied or off-schedule

### PRODUCT OVERVIEW

Catalog Number	Amperage	Load Switching Capacity	Wire Gauge	Circuit Required	Typical Application
OUTLET/LCB	20A	2500W	12 AWG	20A	Break rooms, labs, high-draw equipment
OUTLET15/LCB	15A	1875W	14 AWG	15A	Offices, classrooms, residential

### TECHNICAL SPECIFICATIONS

#### LIGHTCLOUD BLUE FEATURES

##### 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](http://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.

##### Spacing Criteria

Lightcloud Blue devices should be placed within the specified range to communicate within the Bluetooth Mesh network.

# Lightcloud Blue Smart Outlet



## TECHNICAL SPECIFICATIONS

### CONSTRUCTION

**Product Type**  
Smart Outlet

**Shape**  
Rectangle

**Enclosure Material**  
Polycarbonate, Copper, Iron

**Finish**  
Matte White

### INSTALLATION

**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.

**Wire Gauge**  
OUTLET/LCB - 12 AWG  
OUTLET15/LCB - 14 AWG

**Applications**  
OUTLET/LCB - Ideal for breakrooms, labs, high-draw equipment  
OUTLET15/LCB - Offices, classrooms, residential

### ELECTRICAL

**Input Voltage**  
125V

**Operating Frequency**  
60Hz

**Operating Temperature**  
14°F to 104°F (-10°C to 40°C)

### COMPLIANCE

**Listings**  
UL Listed

**Environment**  
Suitable for use indoors in dry and damp environments

**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

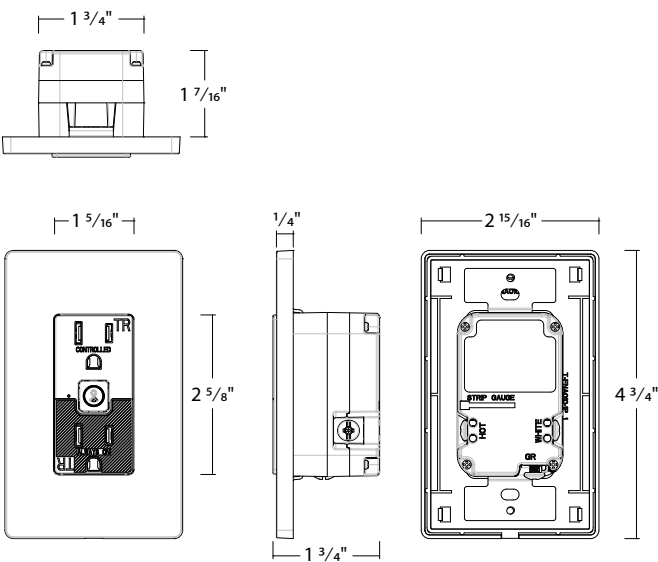
### OTHER

**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](http://rablighting.com/warranty).

## DIMENSIONS

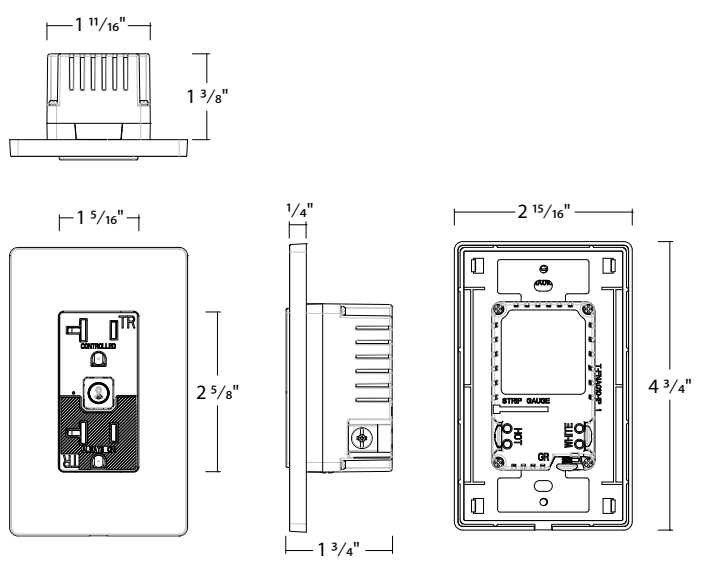
### OUTLET15/LCB

Weight: 0.31 lbs



### OUTLET/LCB

Weight: 0.32 lbs



# Lightcloud Blue Smart Outlet



## ORDERING INFO

Catalog Number	Model Number	UPC	Case Pack
OUTLET/LCB	OUTLET/LCB	192552056670	24
OUTLET15/LCB	OUTLET15/LCB	192552056687	24

## ORDERING MATRIX

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