



12"

19"

Slim surface mounts with integrated Lightcloud Blue



PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



KEY FEATURES

- Direct Connect to the Lightcloud Blue mobile app via Bluetooth, **no Gateway or Hub required**
- Use mobile device to configure features for On/Off Control, Dim Level, Color Temperature, Schedules, Scenes, SmartShift and more
- **Tunable White 2700-6500K** with smooth transition between color temperatures
- **Circadian SmartShift Ready** to sync with local sunrise/sunset

PERFORMANCE

Catalog Number	Size	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Input Voltage	Dim Type	CRI	L70 Lifespan
SUMO19/LCB	19"	150W Incandescent	29W	2,300 lm	79 lm/W	120-277V	via the Lightcloud Blue mobile app and devices	90+	50,000 hr
SUMO12/LCB	12"	120W Incandescent	24W	1,900 lm					

TECHNICAL SPECIFICATIONS

LIGHTCLOUD BLUE FEATURES

- Tunable White**
Adjust the color temperature from 2700K to 6500K via the Lightcloud Blue Remote or the mobile app.
- Direct Connect**
Use the Lightcloud Blue mobile app to connect to your lamps in minutes via Bluetooth Mesh; no Gateway or Hub required.
- Mobile App Control**
Use the Lightcloud Blue mobile app to configure features for On/Off Control, Dim Level, Color Temperature, Schedules, Scenes, SmartShift and more.
- SmartShift Circadian Lighting**
Automatically tunes the color and intensity of lights throughout the day, mimicking the sun's natural pattern.
- Scalable**
Devices within 60 feet of each other can communicate within the Bluetooth Mesh network to manage a maximum of up to tens of thousands of devices per account.

LIGHTCLOUD BLUE

- Gateway Required**
No
- Communication Protocol**
Bluetooth Mesh
- SmartShift**
SmartShift is the most advanced - yet easiest to use - circadian lighting system, which syncs white color tuning with the local sunrise and sunset.
- 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.

TECHNICAL SPECIFICATIONS (CONT.)

LIGHTCLOUD BLUE

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'. The device will flash on/off 5 times and return to full brightness.

Method 2: Manual

Power the device off and on 5x consecutively. Do not allow less than 4s to elapse from switching off to on. Do not allow more than 2 seconds to elapse from switching on to off. The device will flash 3x, then reset to 100% brightness at default CCT.

Method 3: Rapid Reset Tool

The Rapid Reset process must be done by a professional electrician qualified by RAB. Reach out to your RAB sales manager to request a Rapid Reset Tool. The tool simply needs to be placed directly on the small Lightcloud Blue logo on the device for 2 seconds or until the lamp/luminaire flashes 3x, then resets to 100% brightness at the default CCT.

CONSTRUCTION

Product Type

Surface Mount

Size

12", 19"

Shape

Round

Finish

White

Enclosure Material

Metal

Trim Style

Smooth

Lens

Polycarbonate

ELECTRICAL

Dimmable

Yes via the Lightcloud Blue mobile app and devices
This lamp will not operate properly when connected to a standard (*incandescent*) dimmer or dimming control.

THD

≤20%

Power Factor

≥0.9

Flicker

<5%

Input Voltage

120-277V

Operating Frequency

60Hz

Operating Temperature

-4°F to 104°F (-20°C to 40°C)

Beam Angle

110°

INSTALLATION

Mounting

Surface Mount

COMPLIANCE

Listings

UL Listed

Environment

Suitable for use in dry, damp, and wet environments.

Energy Star Approved

This product is ENERGY STAR® Version 2.2 Certified.

IC Rated

No

Air Tight

No

DLC Listed

No

T20 Compliant

No

California Title 24 JA8 Compliant

Can be used to conform with the requirements of California Title 24 Part 6.

California Energy Commission (CEC) Status

Lawful for Sales in California

NEC Compliant

Suitable for use in closets. Compliant with NEC Sec. 410.16 (A)(1) and 410.16 (C1).

IESNA LM-79 & LM80 Testing

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

FCC

Complies with Part 15 of the FCC Rules.

RoHS

Mercury and UV free. RoHS-compliant components.

LED CHARACTERISTICS

Color Temperature

Default: 3000K

Adjustable using the Lightcloud Blue mobile app

Tunable White 2700K - 6500K

Color Accuracy (CRI)

>90 CRI

R9 Value

High color performance with R9 greater than or equal to 50

Color Consistency

4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Color Stability

LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period.

Color Uniformity

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

TECHNICAL SPECIFICATIONS (CONT'D)

OTHER

Warranty

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Note

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

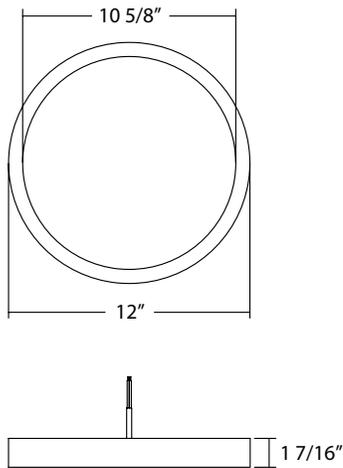
Download the Lightcloud Blue app for free to get started!



DIMENSIONS

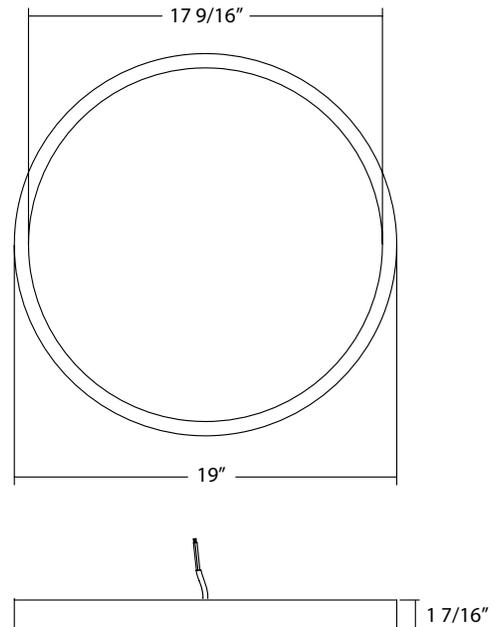
12" SUMO

Weight: 2.45 lbs



19" SUMO

Weight: 4.42 lbs



ORDERING INFO

Catalog Number	Certification Model Number	UPC	Case Pack
SUMO19/LCB	SUMO19/LCB	192552030243	4
SUMO12/LCB	SUMO12/LCB	192552030250	4

ORDERING MATRIX

Family	Size/Wattage	Shape	CRI/Color Temp	Voltage	Finish	Options
SUMO	12 12", 24W 19 19", 29W	Blank Round	Blank 90 CRI, Tunable White 2700-6500K	Blank 120V-277V	Blank White	/LCB Lightcloud Blue-enabled