LCBBR30-7-E26-9RGB-SS



No Gateway or Hub required. These Bluetooth-enabled lamps can be wirelessly controlled via a mobile phone for On/Off, Dimming, Color Temperature, Scenes, Schedules and SmartShift. Choose between 16+ million different colors including tunable white.

Color: White

Weight: 0.2 lbs

Project:	**Type:**
Prepared By:	**Date:**

Driver Info

Type	Constant Current
120V	.062A
208V	N/A
240V	N/A
277V	N/A
Input Watts	7W

LED Info

Watts	7W
Color Temp	Tunable White 2200K-6500K (16+ million colors)
Color Accuracy	90 CRI
L70 Lifespan	25,000 Hours
Lumens	650 lm
Efficacy	93

Technical Specifications

Lightcloud

Lightcloud Blue Installed:
Lightcloud Blue, RAB's wireless lighting control system, eliminates the need for a hub or controller. The app shows the fixtures nearest you first, so an area is set up in minutes, even without internet on site. Lights and schedules keep working if the Wi-Fi goes down, and a Nano adds control from anywhere. DLC system: N1XMLOEATBA (Interior); NHCZ2BIA17L (Exterior)
Learn more at rablighting.com/lcb.

Gateway Required:
No

Communication Protocol:
Bluetooth

Light Shows:
No, this product is not compatible with dynamic color changing Light Shows. Contact RAB for more information.

Third-party Integration:
Yes, with additional devices, sold separately. Small projects use Nano to link with Amazon Alexa or Google Home for voice control or remote access using those apps. Larger projects require one XDIM Bridge per Area plus a Gateway for full remote access via Lightcloud web portal or mobile app.

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 network. Building materials such as brick, concrete, and steel construction or heavy vegetation, bushes or trees may require additional Lightcloud Blue devices to extend around an obstruction.

SmartShift

SmartShift:
SmartShift is the most advanced - yet easiest to use - circadian lighting system, which syncs white color tuning with the local sunrise and sunset.
Requires the NANO/LCB (sold separately)

Performance

Product Type:
RGBW Smart Lamp

Description:
Color-changing smart lamps with Lightcloud Blue. Customizable scenes and schedules, and SmartShift technology.

Wattage Equivalency:
65W Halogen

Input Wattage:
7W

Lumens (Nominal):
650lm

Efficacy:
93lm/W

L70 Lifespan:
25,000-Hour LED lifespan based on IES LM-70 results

Electrical

Driver:
Constant Current 120V 60 Hz; 120V: 62mA

Power Factor:
0.9

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

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Technical Specifications (continued)

Input Voltage:
120V

Operating Temperature:
-4°F to 113°F(-20 to 45°C)

Flicker:
<30%

LED Characteristics

Beam Angle:
110°

Color Temperature:
Default: 4000K
Adjustable using the Lightcloud Blue mobile app
Tunable White 2200 - 6500K
16+ million colors

Color Tuning:
Yes, 16+ million colors using Lightcloud Blue

Color Accuracy (CRI):
90 CRI

Natural Spectrum:
No

R9 Value:
High color performance with R9 greater than 0

Color Consistency:
<4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Installation

Mounting:
Simple to screw in the RGBW tunable lamp into a compatible socket. The circuit should be wired to constant power, bypass any existing wall switch/dimmer (suggest replacing with a Lightcloud Blue dimmer or remote, contact RAB for more information.)

Base Type:
E26 Edison

Construction

Shape:
BR30

Finish:
White

Enclosure Material:
Plastic

Lens Finish:
Frosted

Compliance

Listings:
UL Listed

Environment:
Suitable for use indoors and outdoors in dry, damp, or wet environments.

Fixture Rating:
Suitable for use in enclosed fixtures

Energy Star Approved:
No

Certification Model Number:
LCBBR30-7-E26-9RGB-SS

California Title 20 Compliant:
Can be used to conform with the requirements of California Title 20

California Title 24 JA8 Compliant:
No

California Energy Commission (CEC) Status:
Lawful for Sales in California

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

RoHS:
Mercury and UV free. RoHS-compliant components.

FCC:
Complies with Part 15 of the FCC Rules

Other

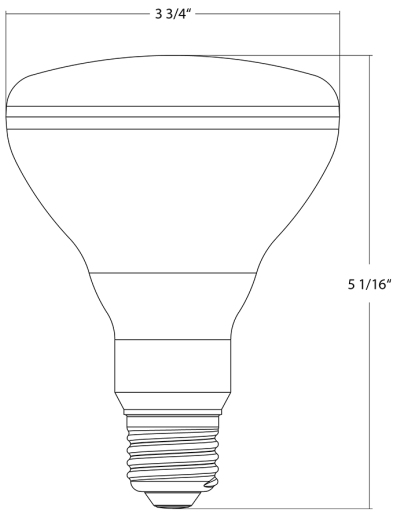
Compatible Products:
Combine with other Lightcloud Blue accessories to enhance system features and automations. Learn more here.

3-Year, No-Compromise Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of three (3) 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.

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Dimensions



Features

- Replacement for legacy incandescent and halogen lamps
- 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
- Choose between 16+ million colors to fit any mood
- Tunable White 2200-6500K with smooth transition between color temperatures

Ordering Matrix

Family		Wattage		Base Type		CRI/Color Temp		Driver	SmartShift	Color Tuning
LCBBR30	–	7	–	E26	–	9RGB	–		SS	
		7 = 7W		**E26 =** E26 Edison Base		**9RGB =** 90 CRI, Color Tuning 16+ million colors; Tunable White 2200K-6500K		**Blank =** 120V	**SS =** SmartShift Ready	**Blank =** 16+ million colors w/Lightcloud Blue

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