



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	7W
120V	.062A		Tunable White
208V	N/A	Color Temp	2200K-6500K (16+ million colors)
240V	N/A	Color Accuracy	90 CRI
277V	N/A	L70 Lifespan	25,000 Hours
Input Watts	7W	Lumens	650 lm
		Efficacy	93

## Technical Specifications

### 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 patented 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 (Interior);  
NHCZ2BIA17L (Exterior)

Learn more at [www.lightcloud.com](http://www.lightcloud.com).

#### 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 ft between standard building materials.  
Up to 200 ft clear line of sight.

### Performance

#### Product Type:

Reflector

#### Input Wattage:

7W

#### Lumens:

650lm

#### Efficacy:

93lm/W

#### L70 Lifespan:

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

#### Wattage Equivalency:

Equivalent to 65W Halogen

### Electrical

#### Power Factor:

≥0.9

#### Dimmable:

Yes, via the Lightcloud Blue mobile app and devices

#### Input Voltage:

120V

#### Operating Frequency:

60Hz

#### Operating Temperature:

-4°F to 113°F (-20°C to 45°C)

#### Flicker:

<30%

#### Color Temperature:

Tunable White 2200K - 6500K (16+ million colors)

### LED Characteristics

#### Color Accuracy (CRI):

>90 CRI

#### R9 Value:

High color performance with R9 no less than 0

#### Color Consistency:

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

### Installation

#### Base Type:

E26 Edison

### Construction

#### Finish:

White

## Technical Specifications (continued)

**Bulb Shape:**

BR30

**Enclosure Material:**

Plastic package aluminum

**Lens:**

Frosted lens for smooth, evenly diffused illumination

## Compliance

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**Listings:**

UL Listed

**Environment:**

Suitable for use in dry and damp environments

**Fixture Rating:**

Suitable for use in open and enclosed fixtures

**Energy Star ID:**

2401213

**T20 Compliant:**

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

**California Energy Commission (CEC) Status:**

Lawful for Sales in California

**RoHS:**

Mercury and UV free. RoHS-compliant components.

**FCC:**

Complies with Part 15B of the FCC Rules

## Other

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

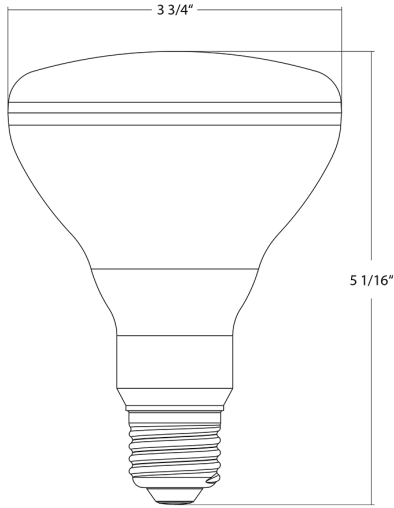
**Accessories:**

LCBLUEREMOTE/W (Wireless Remote Control)

NANO/LCB(Nano Timekeeper & Web Access)

SENSE/PIR/W/LCB (Wireless Wall Sensor)

## 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
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