Lightcloud Blue RGBW A19, BR30, PAR38

RAB®

A19   BR30   PAR38

NO COMPROMISE 3 YEAR WARRANTY

UL LISTED

TITLE CA20 COMPLIANT

CAN BE USED TO COMPLY WITH TITLE 24 PART 6 HIGH EFFICACY LED LIGHT SOURCE REQUIREMENTS *

KEY FEATURES

- Replacement for legacy incandescent and halogen lamps
- Direct connect to the Lightcloud Blue mobile app via Bluetooth. **No Gateway or Hub required**
- Choose between **16+ million colors** to fit any mood
- **Tunable White 2200 – 6500K** with smooth transition between color temperatures
- Use mobile device to configure features for On/Off Control, Dim Level, Color Temperature, Schedules, Scenes, SmartShift and more
- SmartShift Ready to sync with local sunrise/sunset for healthy circadian lighting
- Dimmable down to 5% using mobile app
- **3-Year, No-Compromise Warranty**

Choose from 16+ million colors

TUNABLE WHITE	COLOR TUNING	SMARTSHIFT	BLUETOOTH MESH	90CRI	DIMMABLE	RoHS

PERFORMANCE

Catalog Number	Equivalency	Input Wattage	Lumens	Efficacy	Input Voltage	Color Temperature	CRI	L70 Lifespan
LCBA19-9-E26-9RGB-SS	60W Incandescent	8W	800 lm	100 lm/W	120V	Tunable White 2200K - 6500K 16+ million colors	90+	25,000 hour
LCBBR30-7-E26-9RGB-SS	65W Halogen	7W	650 lm	93 lm/W				
PAR38/RGB	100W Incandescent	14W	1150 lm	82 lm/W				50,000 hour

TECHNICAL SPECIFICATIONS

FEATURES

Color Tuning
Choose from 16+ million colors to customize your space to fit every mood.

Tunable White
Adjust the color temperature from 2200K 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 hundreds of thousands of devices per account.

*PAR38 only

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TECHNICAL SPECIFICATIONS

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
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

CONSTRUCTION

Product Type
A19: A-line
BR30: Reflector
PAR38: Parabolic lamp

Bulb Shape
A19, BR30, PAR38

Enclosure Material
Plastic and aluminum

Finish
White

Lens Finish
Frosted

Base Type
E26

Beam Angle
A19: 220°
BR30: 110°
PAR38: 50°

COMPLIANCE

Listing
UL Listed

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

Fixture Rating
Suitable for use in open and enclosed fixtures

T20 Compliant
Can be used to conform with the requirements of California Title 20.

T24 Compliant*
Can be used to conform with the requirements of California Title 24 Part 6.

California Energy Commission (CEC) Status
Lawful for Sale in California

FCC
Complies with Part 15 of the FCC Rules.

RoHS
Mercury and UV free. RoHS-compliant components.

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.

Power Factor
≥0.9

Input Voltage
120V

Operating Frequency
60Hz

Operating Temperature
A19/BR30: -4°F to 113°F (-20°C to 45°C)
PAR38: -4°F to 104°F (-20°C to 40°C)

Flicker
<30%

LED CHARACTERISTICS

Color Temperature
Tunable White 2200K - 6500K
16+ million colors

Color Accuracy (CRI)
>90

R9 Value
High color performance with R9 greater than 0 (A19/BR30); greater than 50 (PAR38).

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

OTHER

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

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.

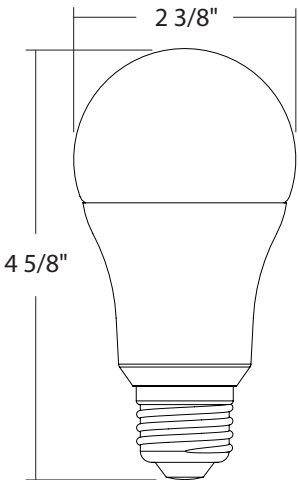RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

PAR38 only

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RAB
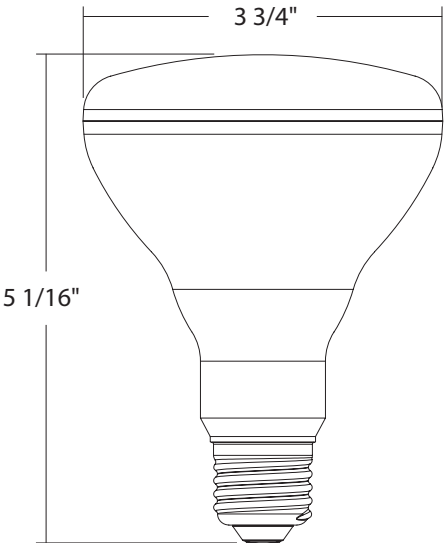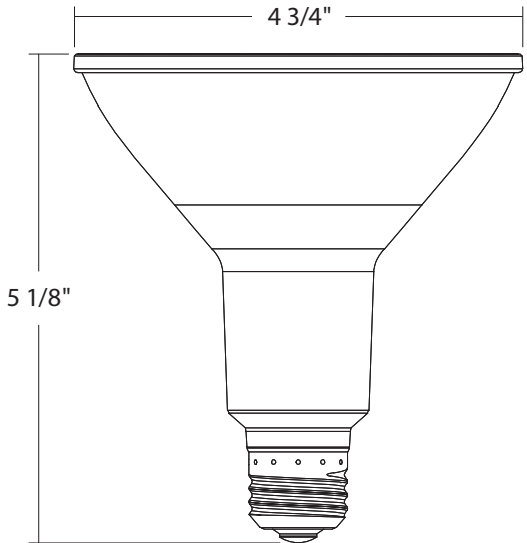
DIMENSIONS

A19 - 8W
Weight: 0.08 lb

2 3/8"
4 5/8"

BR30 - 7W
Weight: 0.25 lb

3 3/4"
5 1/16"

PAR38 - 14W
Weight: 0.53 lb

4 3/4"
5 1/8"

ORDERING INFO

Catalog Number	UPC	Case Pack
LCBA19-9-E26-9RGB-SS	192552015783	12
LCBBR30-7-E26-9RGB-SS	192552015790	12
PAR38/RGB	192552039635	6

ORDERING MATRIX

Family	Wattage		Base Type		CRI/Color Temp		Voltage		SmartShift
LCBA19	-	**9**	-	**E26**	-	**9RGB**	-		**SS**
		9 8W	E26	E26 Edison Base	9RGB	90 CRI; Color Tuning 16+ million colors; Tunable White 2200K-6500K	Blank	120V	SS 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

Family	Wattage	CRI/Color Temp	Voltage	Finish	Controls
PAR38					**/RGB**
	Blank 14W	Blank 90 CRI; 2200-6500K	Blank 120V	Blank White	/RGB 16+ million colors using Lightcloud Blue