PAR38/RGB

RAB®

Color: White | Weight: 0.5 lbs

Project: | Type:

Prepared By: | Date:

Driver Info

Type	N/A
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	14W

LED Info

Watts	14W
Color Temp	Tunable White 2200K-6500K (16+ million colors)
Color Accuracy	90 CRI
L70 Lifespan	50,000 Hours
Lumens	1,150 lm
Efficacy	82

Technical Specifications

Lightcloud

Lightcloud Blue Sensor Installed:
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.

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.

Outdoor: Up to 60 feet clear line of sight; Up to 18 feet around corners

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

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 2s 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 device for 2s or until the lamp/luminaire flashes 3x, then resets to 100% brightness at the default CCT. (see product instruction sheet for more details.)

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:
PAR38

Description:
No Gateway or Hub required. These lamps can be wirelessly controlled via the mobile app. Ideal for indoor or outdoor in floods, can lights, accent lighting and more

Wattage Equivalency:
100W Incandescent

Input Wattage:
14W

Lumens:
1,150lm

Efficacy:
82lm/W

Technical Specifications (continued)

L70 Lifespan:
50,000-Hour LED lifespan based on IES LM-70 results

Electrical

Driver:
Constant Current

THD:
<20%

Power Factor:
0.9

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.

Input Voltage:
120V

Operating Frequency:
60 Hz

Input Current @ 120V (mA):
130mA

Operating Temperature:
-4°F to 104°F (-20°C to 40°C)

Maximum Beam Candela Power (MBCP):
1,350

Flicker:
≤30%

LED Characteristics

Beam Angle:
50°

Color Temperature:
3000K
Adjustable using the Lightcloud Blue mobile app
Tunable White 2200K - 6500K
16+ million RGB colors

Color Accuracy (CRI):
90 CRI

R9 Value:
High color performance with R9 greater than 50

Color Consistency:
<4-step (2700K) MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Installation

Installation Orientation:
Universal Installation

Base Type:
E26 Edison

Construction

Shape:
PAR38

Finish:
White

Endcap Material:
Metal

Enclosure Material:
Plastic

Lens Finish:
Frosted

Lens:
Single optic and full-face lens for precise beam angle control

Compliance

Listings:
UL Listed, UL Classified

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

Energy Star Approved:
No

DLC Listed:
No

DLC NLC Listed:
This product is on the Design Lights Consortium (DLC) Network Lighting Controls (NLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC system - N1XMLOEATBA (Interior);
NHCZ2BIA17L (Exterior)

Certification Model Number:
PAR38/RGB

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

California Title 24 JA8 Compliant:
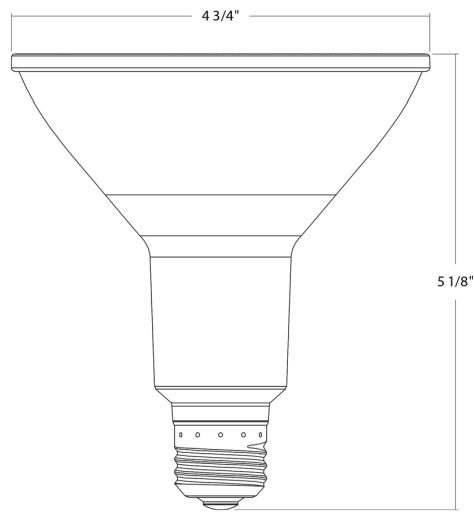Can be used to conform with the requirements of California Title 24 Part 6

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

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

FCC:
Complies with Part 15 of the FCC Rules

Other

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.

Dimensions

4 3/4"

5 1/8"

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
- Choose between 16+ million colors to fit any mood
- Tunable White 2200-6500K with smooth transition between color temperatures
- 50,000 hrs; 5-year, no-compromise warranty

Ordering Matrix

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

Need help? Tech help line: **(888) 722-1000** Email: **techsupport@rablighting.com** Website: **www.rablighting.com**

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