

VIBE Permanent Eaves Lights



Permanent outdoor lighting with dynamic color changing light shows



PROJECT: _____

DATE: _____

TYPE: _____

PREPARED BY: _____



KEY FEATURES

- Rich, true RGBW color across every fixture, precisely controlled through the Lightcloud Blue app.
- Create your own dynamic Light Shows from 7 preset animations, customizing colors, speed, brightness, and frequency.
- Dial in brightness and color temperature profiles that adapt to any scene—from bold to subtle.
- Lightcloud Blue's wireless Bluetooth mesh keeps your whole display connected and controllable from your phone.
- Plug-and-play installation gets your display up and running—no wiring required.
- Wet-rated for indoor or outdoor use, built to perform through every season.
- Extend your display anytime with simple extension cables—no rewiring needed.
- Control your display through Amazon Alexa or Google Home for hands-free convenience.

PERFORMANCE

Catalog Number	Length	Cable	Input Wattage	Lumens	Dim Type	Input Voltage	Beam Angle	Color Temperature	RGB Color Tuning	Light Shows
VBE/RGB	150 ft (6-25 ft strings)	22AWG 3/C	50W	45 lm/lamp	Yes*	120-277V	120°	2200 - 6500K*	16+ million colors*	Yes*

*Using Lightcloud Blue

TECHNICAL SPECIFICATIONS

LIGHTCLOUD BLUE FEATURES

Color Tuning

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

Tunable White

Adjust the color temperature via the Lightcloud Blue mobile app and devices.

Light Shows

Dynamic RGB light shows with customizable effects and color sequences using the Lightcloud Blue mobile app.

Direct Connect

Use the Lightcloud Blue mobile app to connect to your device(s) 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

Automatically tunes the color and intensity of lights throughout the day, mimicking the sun's natural pattern.

Scalable

Start small and scale anytime. Lightcloud Blue makes it easy to add devices, controls, and features as your needs grow—no rewiring or complicated setup required.

Lightcloud Blue

Lightcloud Blue is a Bluetooth® Mesh lighting control system designed for fast setup and flexibility. Install quickly with no gateways, hubs, or additional control wiring. Start with a single device and easily scale to control entire buildings.

Learn more at rablighting.com/lcb.

DLC system - N1XMLOEATBA (*Interior*); NHCZ2BIA17L (*Exterior*)

Gateway Required

No

Communication Protocol

Bluetooth Mesh

Range

Up to 200 feet clear line of sight; Up to 120 feet around corners

Spacing Criteria

The Lightcloud Blue Controller should be placed within the specified range to communicate within the Bluetooth Mesh 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

INSTALLATION

Mounting

Plugs into a standard 15A 125V duplex receptacle

Base Type

NEMA 1-15, 2-prong plug

Linkable

Yes, up to 200 ft using VBE-EXT/RGB. See VIBE Accessories.

CONSTRUCTION

Product Type

RGBW Permanent Eaves Lights

Package Includes

(1) 150 ft RGBW String
(1) 8 ft jumper cable
(1) Controller
(1) Power supply w/plug
(5) Adhesive pads
(1) 12mL Glue
(230) 2.5mm Self-tapping screws
(2) 3M Double-Sided Tape
(9) 3mm Self-tapping screws
(4) 3mm Captive screws
(6) Cable clips
(1) End cap

Length

150 ft (6-25 ft strings)

Max Run Length

200 ft

Enclosure Material

PVC

Finish

White

ELECTRICAL

Dimmable

Yes, using Lightcloud Blue. This product will not operate properly when connected to a standard (incandescent) dimmer or dimming control.

Driver

Constant Voltage, Class 2 120-277V 50/60 Hz; 120V: 850mA; 208V: 540mA; 240V: 485mA; 277V: 435mA

Input Voltage

120-277V

Note: Includes 120V rated plug, see product instructions for details about modifications for 277V applications.

Operating Temperature

-4°F to 113°F (-20°C to 45°C)

LED CHARACTERISTICS

Beam Angle

120°

Color Temperature

Default: 3000K

Adjustable using the Lightcloud Blue mobile app

Tunable White 2200 - 6500K

Color Tuning

Yes, 16+ million colors using the Lightcloud Blue mobile app

Color Accuracy (CRI)

>80

R9 Value

High color performance with R9 greater than 0

Color Consistency

<6-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

VIBE Permanent Eaves Lights



TECHNICAL SPECIFICATIONS (cont'd)

COMPLIANCE

ETL Listed

This product has been tested by Intertek and found in compliance with accepted national standards.

Environment

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

IP Rating

IP66

California Title 20 Compliant

No

California Title 24 JA8 Compliant

No

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

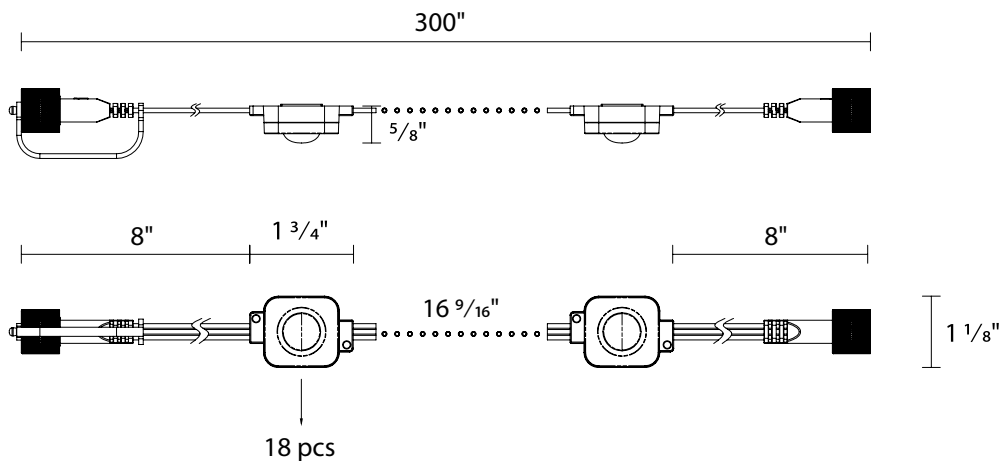
Warranty

The RAB 3-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

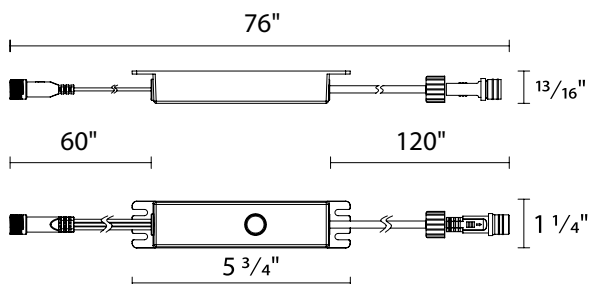
DIMENSIONS

VBE/RGB

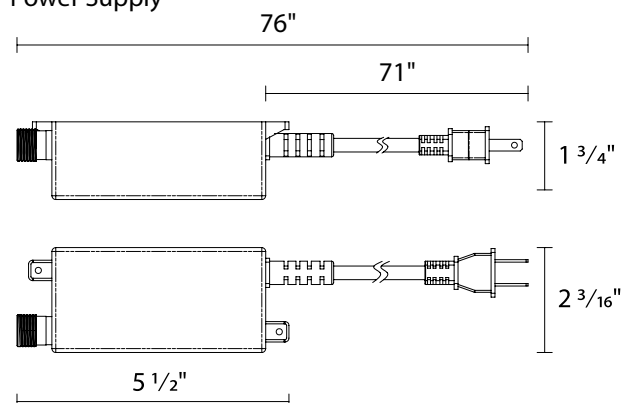
Weight: 7.39 lbs



Controller



Power Supply



VIBE Permanent Eaves Lights



ACCESSORIES

Extension



VBE-EXT/RGB

Catalog Number	UPC	Description
VBE-EXT/RGB	19813519180	VIBE EXTENSION 25FT 18 LAMPS 9W RGB 2200-6500K

Lightcloud Blue Nano



NANO/LCB

Catalog Number	UPC	Description
NANO/LCB	192552024204	LIGHTCLOUD BLUE NANO FOR ALEXA & GOOGLE



ORDERING INFO

Catalog Number	Model Number	UPC	Case Pack
VBE/RGB	VBE/RGB	192552065177	2

ORDERING MATRIX

Family	Length/ Wattage	Driver	Controls
VBE	Blank 150 ft, 50W	Blank 120-277V	/RGB Lightcloud Blue, 16+ million colors