



Color: Gray Weight: 37.7 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	520W
120V	4.34A	Color Temp	5000K
208V	2.50A	Color Accuracy	83 CRI
240V	2.17A	L70 Lifespan	100,000 Hours
277V	1.85A	Lumens	67,254 lm
Input Watts	519.1W	Efficacy	129.6

Technical Specifications

Lightcloud

Lightcloud Blue 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.rablighting.com/feature/new-lightcloud-blue.

Gateway Required:

No

Communication Protocol:

Bluetooth Mesh

Range:

Outdoor: Up to 200 feet clear line of sight; Up to 120 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 3x and return to full brightness.

Method 2: Manual
Locate the device identification button at the top of the Controller under the Lightcloud logo. Press and hold this button for 10s or until the indicator light begins flashing red. If the Controller is attached to a fixture, the fixture will also flash on/off 3x.

Status Indicator:

The status indicator light is located around the circumference of the top of the Controller.

Solid Green: connected to a Lightcloud Blue network.
Blinking Red: unprovisioned, ready to pair

Device Identification Button:

Located at the top of the controller under the Lightcloud logo.
Once the Controller has been provisioned to the Lightcloud Blue mobile app this button offers the following functionality:
Press once to rapid identify this device in the Lightcloud Blue mobile app
Press twice to toggle circuit on and off
Press twice and hold to set dim level
Press and hold for 10s to reset the device to factory settings and into pairing mode

Compliance

UL Listed:

Suitable for wet locations

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.

IP Rating:

Ingress protection rating of IP65 for dust and water

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-XV0K0S

Technical Specifications (continued)

Electrical

Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 4.34A, 208V: 2.50A, 240V: 2.17A, 277V: 1.85A

Dimming Driver:

Driver includes wiring for 0-10V dimming systems.
Dim as low as 10%.

Surge Protection:

20 kV

Aux Power Supply:

Yes

Dim to Off:

Yes

LED Characteristics

LEDs:

Long-life, high-efficacy, surface-mount LEDs

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Performance

Lifespan:

100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

Construction

IK Rating:

IK10 Protected against 20 joules impact. Equivalent to impact of 11 lbs (5kg) mass dropped from 15.8" (400mm) above impacted surface.

Cold Weather Starting:

The minimum starting temperature is -40°F (-40°C)

Maximum Ambient Temperature:

Suitable for use in up to 104°F (40°C)

Housing:

Precision die-cast aluminum

Lens:

Polycarbonate lens

Vibration Rating:

3G vibration rating per ANSI C136.31

Tilt Increment:

Continuous tilting with 5° increments

Reflector:

Polyethylene Terephthalate (PET)

Effective Projected Area:

EPA = 3.2

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Optical

NEMA Type:

NEMA Beam Spread 3H x 4V

Installation

Mounting:

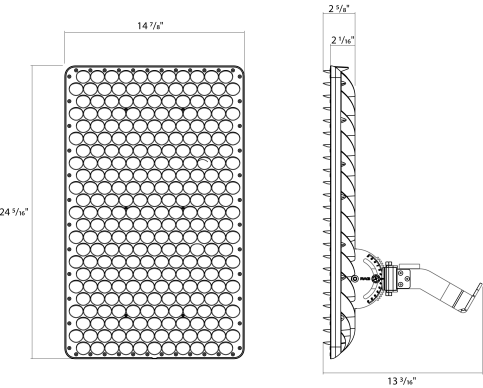
Trunnion mount with stainless steel hardware

Other

10-Year Limited Warranty:

The RAB 10-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



Features

- 100,000-Hour LED lifespan
- IP65 rating protects against dust and water
- DLC Premium listed
- IK10 Rating
- Industry-leading 3G vibration rating per ANSI C136.3110-Year, Limited warranty

Ordering Matrix

Family	Distribution	Wattage	Mounting	Color Temp	Finish	Driver	Controls	Driver Cable Length
GAME							/LCB	
	Blank = 3H x 4V B55 = 5H x 5V	Blank = 520W	Blank = Trunnion	Blank = 5000K	Blank = Gray	Blank = 120-277V, 0-10V Dimming /480 = 208-480V, 0-10V Dimming	Blank = None /LC = Lightcloud /LCB = Lightcloud Blue	Blank = 10 ft Cable with Connector