



Color: Gray

Weight: 37.7 lbs

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

Driver Info		LED Info	
Type	Constant Current	Watts	520W
120V	N/A	Color Temp	5000K
208V	2.52A	Color Accuracy	83 CRI
240V	2.19A	L70 Lifespan	100,000 Hours
277V	1.89A	Lumens	67,096 lm
Input Watts	505.6W	Efficacy	132.7

**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](http://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-ZQ2RGC

**Technical Specifications (continued)**

**Electrical**

**Driver:**

Constant Current, Class 1, 208-480V, 50/60 Hz, 208V: 2.50A 240V: 2.17A, 277V: 1.85A, 480V: 1.09A

**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:**

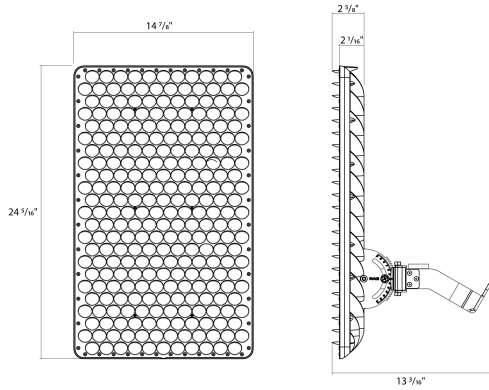
Trunnion mount with stainless steel hardware

**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](http://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						/480	/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