



Color: Black

Weight: 36.5 lbs

Project:

Type:

Prepared By:

Date:

**Driver Info**

|             |                  |
|-------------|------------------|
| Type        | Constant Current |
| 120V        | 5.20A            |
| 208V        | 3.00A            |
| 240V        | 2.61A            |
| 277V        | 2.29A            |
| Input Watts | 604.3W           |

**LED Info**

|                |               |
|----------------|---------------|
| Watts          | 600W          |
| Color Temp     | 5700K         |
| Color Accuracy | 76 CRI        |
| L70 Lifespan   | 100,000 Hours |
| Lumens         | 86,158 lm     |
| Efficacy       | 142.6         |

**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.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.

**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

**Wireless Capabilities:**

Control light(s) on/off, dim up/down, set scenes and schedules with the Lightcloud Blue mobile app or compatible devices.

**Electrical****Driver:**

Constant Current, Class 1, 120-277V, 50/60 Hz, 120V: 5.20A, 208V: 3.00A, 240V: 2.61A, 277V: 2.29A

**Dimming Driver:**

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

**THD:**

9.36% at 120V, 12.45% at 277V

**Power Factor:**

99.6% at 120V, 97.4% at 277V

**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 when unprovisioned

**Surge Protection:**

10 kV

**Aux Power Supply:**

Yes

**Dim to Off:**

Yes

**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

**Technical Specifications (continued)****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-K2CRW3

**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

**Wattage Equivalency:**

2000W Metal Halide

**Construction****Cold Weather Starting:**

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

**Maximum Ambient Temperature:**

Suitable for use in up to 122°F (50°C)

**Housing:**

Precision die-cast aluminum

**Lens:**

Polycarbonate lens

**Tilt Increment:**

Continuous tilting with 5° increments

**Effective Projected Area (With Shield):**

0°: 1.2864

15°: 1.2934

25°: 1.43

45°: 1.7071

60°: 1.873

75°: 2.0015

90°: 2.0669

**Gaskets:**

High-temperature silicone

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

**Installation****Mounting:**

Trunnion mount with stainless steel hardware

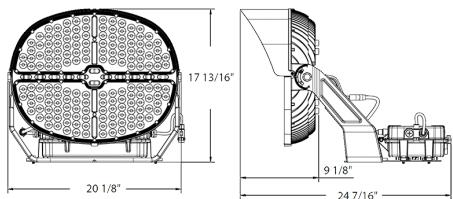
**Optical****NEMA Type:**

NEMA Beam Spread 3H x 3V

**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
- 10-Year, Limited warranty