



Color: Black

Weight: 36.5 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current	Watts	600W
120V	N/A	Color Temp	5700K
208V	3.01A	Color Accuracy	75 CRI
240V	2.61A	L70 Lifespan	100,000 Hours
277V	2.26A	Lumens	86,073 lm
Input Watts	586.1W	Efficacy	146.9

LED Info**Technical Specifications****Lightcloud****Lightcloud Controller Installed:**

Fixture, Zone, and plug-load control from one powerful device. Capable of switching, 0-10V dimming, power monitoring. Can also be used to extend the range of the Lightcloud mesh network. Attach to fixture, junction box, or electrical panel.

[Learn more at www.lightcloud.com](http://www.lightcloud.com)

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-KWBDB1

Electrical**Driver:**

Constant Current, Class 1, 200-480V, 50/60 Hz, 208V: 3.01A 240V: 2.61A, 277V: 2.26A, 480V: 1.31A

Dimming Driver:

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

THD:

4.9% at 480V

Power Factor:

97.1% at 480V

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

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

Technical Specifications (continued)**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:**

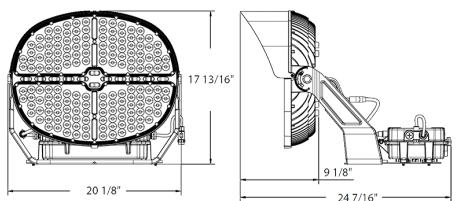
Trunnion mount with stainless steel hardware

Optical**NEMA Type:**

NEMA Beam Spread 2H x 2V

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
- 10-Year, Limited warranty

Ordering Matrix

Family	Wattage	Color Temp	Mounting	Optics	Finish	Driver	Controls
P1	M			B22		/480	/LC
	S = 500W M = 600W L = 850W XL = 1200W	Blank = 5700K	Blank = Yoke Mount	Blank = 4H x 4V B33 = 3H x 3V B22 = 2H x 2V	Blank = Black	Blank = 120-277V, 0-10V Dimming /480 = 200-480V, 0-10V Dimming	Blank = No Option /LC = Lightcloud /LCB = Lightcloud Blue