

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	360W
120V	N/A	Color Temp	4000/5000K
208V	N/A	Color Accuracy	83-85 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	27,099-53,382 lm
Input Watts	174.2-378.7W	Efficacy	137.5-155.6 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:  
360W with 3 Power Preset:  
100% (360W), 75% (270W), and 50% (180W)  
Color Temperature Selectable:  
4000K and 5000K(factory default 4000K)

Compliance

UL Listed:

Suitable for damp 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.

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

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-D56PQG

LED Characteristics

LEDs:

Long-life, high-efficacy, discrete, 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 IES LM-80 results and TM-21 calculations

Electrical

Driver:

100% Power: Constant Current, Class 2, 480V, 50/60 Hz, 480V: 0.84A  
75% Power: Constant Current, Class 2, 480V, 50/60 Hz, 480V: 0.63A  
50% Power: Constant Current, Class 2, 480V, 50/60 Hz, 480V: 0.46A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

7.48% at 480V

Power Factor:

93.2% at 480V

Surge Protection:

6kV

Construction

Cold Weather Starting:

The minimum starting temperature is -20°C (-4°F)

Maximum Ambient Temperature:

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

Lens:

Polycarbonate lens

Reflector:

Polyethylene Terephthalate (PET)

Housing:

Aluminum

Finish:

Formulated for high durability and long-lasting color

## Technical Specifications (continued)

### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Installation

#### Mounting:

Comes standard with V-hooks for chain mounting. Accessories available for pendant and surface mounting (purchased separately).

### Lightcloud

#### Lightcloud Blue:

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 - Interior: N1XMLOEATBA; Exterior: NHCZ2BIA17L

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

#### Gateway Required:

No

#### Communication Protocol:

Bluetooth Mesh

#### Range:

Up to 60 ft between standard building materials. Building materials such as brick, concrete, and steel construction may require additional Lightcloud Blue devices to extend around an obstruction. Up to 200 ft clear line of sight (varies by device).

#### 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'.

Method 2: Rapid Reset Tool

The Rapid Reset process must be done by a professional electrician qualified by RAB. Reach out to your RAB sales manager to request a Rapid Reset Tool. The tool simply needs to be placed directly on the side of the device for 2s or until the fixture flashes 3x, then resets to 100% brightness.

### Input Voltage:

12VDC

### Operating Frequency:

50/60Hz

### Input Current @ 12V (mA):

30mA

### Operating Temperature:

-40°F to 140°F (-20°C to 60°C)

### Dimmable:

Yes, when connected to a compatible 0-10V driver

### Max Mounting Height:

50 ft

### Detection Range:

50 ft diameter mounted at 50 ft

### Sensor Technology:

Microwave (MVS)

### Default Setting:

Uncommissioned State:

Motion Sensitivity: High

Brightness when triggered: 100%

Hold time: 1 minute

Standby to dim: 20%

Standby time: 1 minute

When vacant: Off

Commissioned State:

Motion Sensitivity: High

Brightness when triggered: Last on status

Hold time: 20 minutes

When vacant: Off

### Sensing Type:

Occupancy or Vacancy

### Occupied Actions:

On or On at a Dim Level

### Vacant Options:

Off or On at a Dim Level

### Occupancy Timeout:

1 minute to 240 minutes

### Daylight Sensing:

The sensor will determine to trigger the light(s) on or not based on the daylight threshold level set in the Lightcloud Blue mobile app.

### Daylight Threshold:

150 lux to 1500 lux

### Environment:

Suitable for dry, damp, or wet environments in indoor applications

### IP Rating:

IP65

### Other

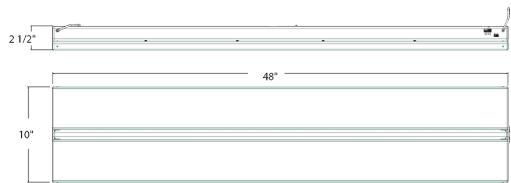
#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

#### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions



Features

- 0-10V Dimming, standard
- 100,000-hour LED lifespan
- DLC Premium listed
- 5-Year, no-compromise warranty

Ordering Matrix

Family	Size (Wattage, Length)	Color Temp	Driver	Options
AR	L		/480	/LCBS/MVS
	XS = 95/71/48W (1.5') S = 160/120/80W (2') M = 275/206/138W (3') L = 360/270/180W (4')	Blank = 4000/5000K CCT Adjustable	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = No Option /E = Battery Backup /LCBS = Lightcloud Blue w/PIR Sensor /LCBS/MVS = Lightcloud Blue w/MVS Sensor /LCBS/E = Lightcloud Blue w/PIR Sensor w/Battery Backup /LCBS/MVS/E = Lightcloud Blue w/MVS Sensor w/Battery Backup