



Color: Bronze

Weight: 24.2 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	321.1-464.5W

LED Info

Watts	480/400/320W
Color Temp	3000K/4000K/5000K
Color Accuracy	81 CRI
L70 Lifespan	100,000 Hours
Lumens	53,764-75,556 lm
Efficacy	156.7-173.6 lm/W

Technical Specifications**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-4D2B5B (Architectural Flood and Spot Luminaires)

DLC Product Code: S-FTKGLW (Outdoor Pole/Arm-Mounted Area and Roadway Luminaires)

Electrical**Driver:**

480W: Constant Current, Class 1, 480V, 50/60 Hz,

480V: 0.97A

400W: Constant Current, Class 1, 480V, 50/60 Hz,

480V: 0.88A

320W: Constant Current, Class 1, 480V, 50/60 Hz,

480V: 0.71A

Dimming Driver:

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

THD:

4.61% at 480V

Power Factor:

98.06% at 480V

Surge Protection:

6kV

3-Pin Receptacle with Shorting Cap:

ANSI C136.41 3-pin receptacle, compatible with wireless control systems

Performance**Lifespan:**

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

Construction**IES Classification:**

The Type V distribution produces light in a wide and uniform 360° pattern that is perfect for large outdoor areas such as parking lots, corporate parks and retail settings

Cold Weather Starting:

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

Maximum Ambient Temperature:

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

Lens:

Polycarbonate lens

Housing:

Die-cast aluminum housing, lens frame and mounting arm

Vibration Rating:

3G vibration rating per ANSI C136.31

Effective Projected Area (Without Shield):1 Fixture: 0.8 ft²2 Fixtures at 90°: 1.18 ft²2 Fixtures at 180°: 1.6 ft²3 Fixtures at 90°: 1.98 ft²4 Fixtures at 90°: 1.98 ft²**Effective Projected Area (With Shield):**1 Fixture: 0.84 ft²2 Fixtures at 90°: 1.59 ft²2 Fixtures at 180°: 1.68 ft²3 Fixtures at 90°: 2.43 ft²4 Fixtures at 90°: 2.43 ft²

Technical Specifications (continued)**Finish:**

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

LED Characteristics**LEDs:**

Long-life, high-efficiency, 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.

Installation**Mounting:**

Universal mounting arm compatible for hole spacing patterns from 1" to 5 1/2" center to center. Round Pole Adaptor plate included as a standard. Easy slide and lock to mount fixture with ease. Round pole diameter must be >4" to mount fixtures at 90° orientation.

Optical**BUG Rating:**

B5 U0 G4

Other**5 Yr Limited Warranty:**

The RAB 5-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.

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.

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 - N1XMLOEATBA (Interior);
NHCZ2BIA17L (Exterior)

Learn more at www.lightcloud.com.

Gateway Required:

No

Communication Protocol:

Bluetooth Mesh

Range:

Indoor: Up to 60 feet 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 feet clear line of sight.

Outdoor: Up to 60 feet clear line of sight; Up to 18 feet around corners

Spacing Criteria:

Lightcloud Blue devices should be placed within the specified range to communicate within the Bluetooth Mesh network.

Sensor Settings**Sensor Connection Type:**

Pogo pin

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: 20 minutes

Standby to dim: 20%

Standby time: 1 minute

When vacant: Off

Commissioned State:

Once paired, the sensor will default to disabled.

Once enabled the following settings apply:

Motion Sensitivity: High

Brightness when triggered: Last on status

Hold time: 20 minutes

Standby time: 1 minute

When vacant: Off

Adjustable Sensor Settings?:

Yes, using the Lightcloud Blue mobile app

Sensing Type:

Occupancy or Vacancy (option to disable or set as an independent sensor)

Occupied Actions:

On or On at a Dim Level

Vacant Actions:

Off or On at a Dim Level

Occupancy Timeout:

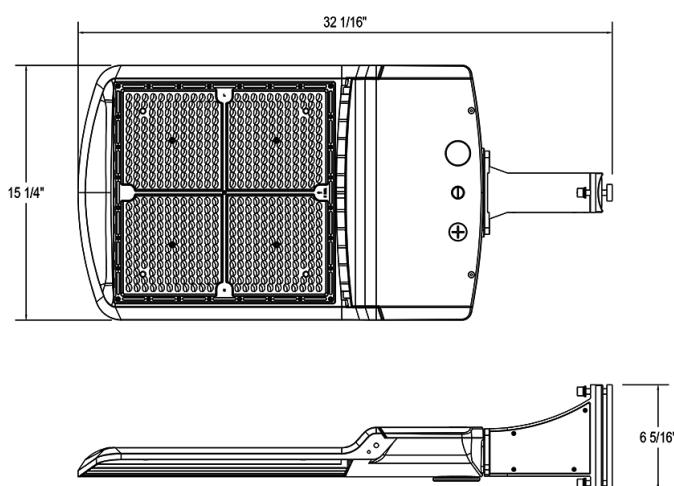
1 minute to 240 minutes

Daylight Sensing:

The sensor will determine to trigger the light(s) on or off based on the daylight threshold level set in the Lightcloud Blue mobile app.

Daylight Threshold:

150 lux to 1500 lux

Dimensions**Features**

0-10V Dimming, standard
100,000-hour LED lifespan
5-Year, limited warranty

Ordering Matrix

Family	Distribution	Wattage/Lumens	Mounting	Color Temp	Finish	Driver	Options
A17	-	5T	480			/480	/LCBS
4T = Type IV	70 = 70/60/50W	SF = Slipfitter (Factory installed SF available in 150W)	Blank = 3000/4000/5000K CCT Adjustable	Blank = Bronze	Blank = 120-277V, 0-10V Dimming	Blank = No Option	
5T = Type V	100 = 100/80/60W				/480 = 480V, 0-10V Dimming ¹	/3PRS = 3-pin Receptacle and Shorting Cap	
3T = Type III	150 = 150/120/100W	Blank = Universal Pole Mount				/7PRS = 7-pin Receptacle and Shorting Cap	
	200 = 200/180/160W					/MVS = Microwave Motion Sensor	
	300 = 300/240/200W					/LCBS = Lightcloud Blue w/PIR Sensor	
	375 = 375/300/240W					/LCBS/MVS = Lightcloud Blue w/MVS Sensor	
	480 = 480/400/320W						

¹ 480V driver available standard on 150W and 300W and by special order on 100, 240 and 375W. Not available on 70W or 200W models.

Type II distribution available as special order

Wall mount and adjustable universal pole mount available as optional field-installed accessories