



Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info	`		
Туре	Constant Current	Watts	260W		
120V	N/A	Color Temp	4000K (Neutral)		
208V	N/A Color		83/83/84 CRI		
240V	N/A	Accuracy			
277V	N/A s 171.6/227.7/264.2W	L70 Lifespan	100,000 Hours		
Input Watts		Lumens	28481/36890/41273 lm		
		Efficacy	166/162/156.2 lm/W		

# **Technical Specifications**

Color: Black

## **Field Adjustability**

#### Field Adjustable (Wattage):

Field adjustable light output in 3 discrete steps: Large Housing: 260W/220W/170W (factory default 260W)

# Compliance

#### **UL Listed:**

Suitable for wet locations

## IP Rating:

Ingress protection rating of IP66 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-BGM9P2

# **LED Characteristics**

# LEDs:

Long-life, high-efficacy, discrete, surface-mount LEDs

## **Color Consistency:**

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

#### **Color Stability:**

Weight: 26.4 lbs

LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

### **Color Uniformity:**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for (SSL) Products, ANSI C78.377-2017.

#### **Electrical**

## Driver:

170W: Constant Current, Non-Class 2, 480V, 50/60 Hz. 480V: 0.39A

220W: Constant Current, Non-Class 2, 480V, 50/60 Hz, 480V: 0.50A

260W: Constant Current, Non-Class 2, 480V, 50/60 Hz. 480V: 0.57A

#### **Dimming Driver:**

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

#### THD:

4.16% 480V

#### **Power Factor:**

96.4% at 480V

#### **Surge Protection:**

Line to Line: 10kV Line to Ground: 6kV

### Performance

# Lifespan:

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

#### Wattage Equivalency:

Equivalent to 1,000W Metal Halide

## 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)

### **Ambient Temperature:**

Max Power Temp Rating: 40°C (104°F) Middle Power Temp Rating: 43°C (110°F) Low Power Temp Rating: 51°C (125°F)

### Housing:

Die-cast aluminum

# ALEDL5TWMNB/480/WS2



# **Technical Specifications (continued)**

#### Lens:

Polycarbonate lens

#### Reflector:

Aluminum reflector with white polycarbonate

#### Vibration Rating:

3G vibration rating per ANSI C136.31

## **Effective Projected Area:**

- 1 Fixture: 0.37
- 2 Fixtures at 90°: 0.59
- 2 Fixtures at 180°: 0.74
- 3 Fixtures at 90°: 0.96
- 4 Fixtures at 90°: 0.96

#### Gaskets:

High-temperature silicone gaskets

#### Finish:

Formulated for high durability and long-lasting color

#### **Green Technology:**

Mercury and UV free. RoHS-compliant components.

#### Installation

# Mounting:

Wall mount

# **Sensor Specifications**

# **Multi Level Motion Sensor:**

/WS2 sensor options use state-of-the-art surface mount technology (SMT), just like cellular phones and beepers. SMT gives you more reliability, greater RF\(\text{Mimmunity}\). This compact sensor that can fit neatly where others cannot. This sensor technology automatically affects the state of operation for lighting systems or individual luminaries based upon detecting the presence or absence of movement for both people as they exit/enter, or for the motion of moving vehicles within the sensors viewing area. The wide 180° viewing angle can detect movement along the entire side of a building with only one compact sensor. The hard lens is molded as part of the case, vandalproof, rainproof, bugproof and absolutely sealed. Sensor functions best when movement is across its detection pattern, not towards the sensor.

#### **Handheld Wireless Configuration Tool:**

Adjust settings using handheld wireless configuration tool (catalog# WSREM). Only available with 0-10V dimming driver options. <u>Handheld wireless configuration tool available here.</u>

## Optical

### **Bug Rating:**

BUG Rating 260W: B5 U0 G3 BUG Rating 220W: B5 U0 G3 BUG Rating 170W: B5 U0 G3

#### Other

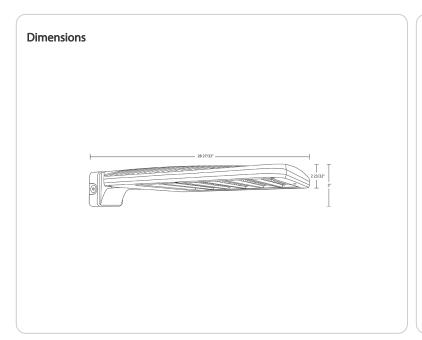
#### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) 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.

#### **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.





# **Features**

0-10V dimmable standard

IP66 Rated

100,000-Hour LED lifespan

10-Year, No-Compromise Warranty

ALED	Housing Size	Distribution 5T	Mounting WM	Color Temp	Finish B	Voltage /480	Options /WS2