



Project:	Туре:
Prepared By:	Date:

Driver Info		LED Info			
Туре	Constant Current	Watts	260W		
120V	N/A	Color	4000K (Neutral)		
208V	N/A	Temp	rootit (i teatial)		
240V	N/A	Color	84/84/82 CRI		
277V	N/A	Accuracy			
Input Watts	171.6/227.7/264.3W	L70 Lifespan	100,000 Hours		
		Lumens	26457/34268/38340		
		Efficacy	154.2/150.5/145.1 lm/W		

# **Technical Specifications**

### **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

## 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.

#### **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-TD9GA0

## **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:**

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:

4.62% 480V

### **Power Factor:**

96.3% 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



## **Technical Specifications (continued)**

### Construction

### **IES Classification:**

Car Dealership optics have a wide distribution with an intentional hot spot that helps to deliver eyecatching light to the front row of cars in a dealership lot while also minimizing "backspill" (light that is thrown back towards the street).

### IP Rating:

Ingress protection rating of IP66 for dust and water

#### **Cold Weather Starting:**

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

### **Ambient Temperature:**

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

#### Housing:

Die-cast aluminum

#### Mounting:

Wall mount

#### Lens:

Polycarbonate lens

#### Reflector:

Aluminum reflector with white polycarbonate

#### **Vibration Rating:**

3G vibration rating per ANSI C136.31

#### **Effective Projected Area:**

EPA = 0.48

### Gaskets:

High-temperature silicone gaskets

#### Finish:

Formulated for high durability and long-lasting color

## Green Technology:

Mercury and UV free. RoHS-compliant components.

## **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.

#### 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.

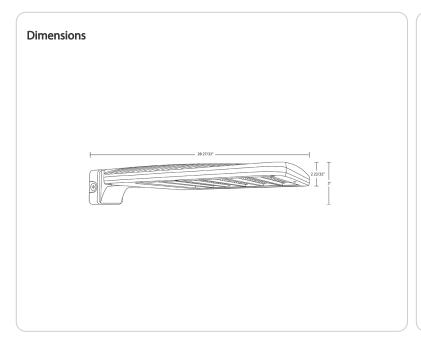
### **Buy American Act Compliance:**

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.

## Equivalency:

Equivalent to 1,000W Metal Halide





## **Features**

0-10V dimmable standard

IP66 Rated

100,000-Hour LED lifespan

10-Year, No-Compromise Warranty

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Voltage	Options
ALED	L	AT	WM	N		/480	/WS2
	<b>S</b> = Small (80W/60W/40W)	2T = Type II	Blank = Universal	<b>Blank =</b> 5000K	Blank =	<b>Blank =</b> 120-277V,	Blank = No Option
	M = Medium (150W/90W/78W)	3T = Type III	Pole Mount	Cool	Bronze	0-10V Dimming	/7PR = 7 Pin Twistlock
	<b>L</b> = Large (260W/220W/170W)	4T = Type IV	SF = Slipfitter	N = 4000K	W = White	/480 = 480V, 0-10V	Receptacle
	XL = Extra Large	<b>5T =</b> Type V	WM = Wall Mount	Neutral	$\mathbf{B} = \mathbf{Black}$	Dimming <sup>1</sup>	/WS2 = Wattstopper,
	(385W/345W/300W)	AT = Auto Dealership					20ft lens
	Optic	Optic					/WS4 = Wattstopper, 40ft lens <sup>2</sup>