



Project:	Туре:
Prepared By:	Date:

•	LED Info	
Constant Current	Watts	60/40W
0.67A	Color Temp	Amber
0.40A	Color Accuracy	N/A
0.34A	L70 Lifespan	100,000 Hours
0.30A	Lumens	4,854/3,770 lm
58.4/40.5W	Efficacy	83.1/93.1 lm/W
	Constant Current 0.67A 0.40A 0.34A 0.30A	Constant Current Watts 0.67A Color Temp 0.40A Color Accuracy 0.34A L70 Lifespan 0.30A Lumens

# **Technical Specifications**

# **Field Adjustability**

# Field Adjustable (Wattage):

Field adjustable light output in 2 discrete steps: Small Housing: 60W/40W (factory default 60W)

# Compliance

# UL Listed:

Suitable for wet locations

#### IP Rating:

Ingress protection rating of IP66 for dust and water

### **LED Characteristics**

#### LEDs:

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

#### **Electrical**

#### Driver:

40W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

60W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.50A, 208V: 0.30A, 240V: 0.25A, 277V: 0.22A

80W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.67A, 208V: 0.40A, 240V: 0.34A, 277V: 0.30A

#### **Dimming Driver:**

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

#### THD

3.8% at 120V, 8.07% at 277V

#### **Power Factor:**

99.8% at 120V, 93.3% at 277V

#### **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 250W Metal Halide

#### 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).

#### **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: 52°C (125°F) Low Power Temp Rating: 58°C (137°F)

#### Housing:

Die-cast aluminum

#### Reflector:

Aluminum reflector with white polycarbonate

# Vibration Rating:

3G vibration rating per ANSI C136.31

### **Effective Projected Area:**

EPA = 0.32

#### Gaskets:

High-temperature silicone gaskets

#### Finish:

Formulated for high durability and long-lasting color

### Green Technology:

Mercury and UV free. RoHS-compliant components.

# **ALEDSATWMYA/WS2**



# **Technical Specifications (continued)**

#### 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.

#### Optical

# **BUG Rating:**

BUG Rating 80W: B2 U0 G1 BUG Rating 60W: B2 U0 G1 Bug Rating 40W: B1 U0 G1

#### Other

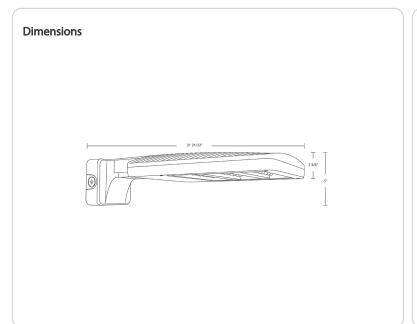
#### Warranty:

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

Wildlife-friendly amber light

0-10V dimmable standard

IP66 Rated

100,000-Hour LED lifespan

10-Year, No-Compromise Warranty

Ordering	Matrix						
Family	Housing Size	Distribution	Mounting	Wavelength	Finish	Voltage	Options
ALED	S	AT	WM	YA			/WS2
	<b>S</b> = Small (60W/40W) <b>M</b> = Medium (90W/78W)	2T = Type II 1 3T = Type III 4T = Type IV 1 5T = Type V AT = Auto Dealership Optic 1	Blank = Universal Pole Mount SF = Slipfitter WM = Wall Mount	<b>YA</b> = Amber	Blank = Bronze W = White 1 B = Black 1	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming <sup>2</sup>	/7PR = 7 Pin Twistlock Receptacle Blank = No Option
			<sup>1</sup> Special o				
			<sup>2</sup> 480V is only available	e in ALED Mediu	m.		