



Color: Black

Weight: 13.2 lbs

Project:

Type:

Prepared By:

Date:

### Driver Info

Type	Constant Current
120V	0.67A
208V	0.40A
240V	0.34A
277V	0.30A
Input Watts	42.1/59.8/84.4W

### LED Info

Watts	80W
Color Temp	4000K (Neutral)
Color Accuracy	82 CRI
L70 Lifespan	100,000 Hours
Lumens	6353/8746/11760 lm
Efficacy	150.9/146.3/139.3 lm/W

## Technical Specifications

### Field Adjustability

#### Field Adjustable (Wattage):

Field adjustable light output in 3 discrete steps:  
Small Housing: 80W/60W/40W (factory default 80W)

### Compliance

#### UL Listed:

Suitable for wet locations

#### IP Rating:

Ingress protection rating of IP66 for dust and water

#### 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 family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](http://designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

### 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 warranted 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:

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:

2.01% at 120V, 6.71% at 277V

#### Power Factor:

99.9% at 120V, 96.8% at 277V

#### Surge Protection:

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

#### 7-Pin Receptacle:

ANSI C136.41 7-pin receptacle, compatible with wireless control systems

### Performance

#### Lifespan:

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

#### Wattage Equivalency:

Equivalent to 250W Metal Halide

## Technical Specifications (continued)

### Optical

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**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

**Bug Rating:**

80W: B3-U0-G2

60W: B3 U0 G1

40W: B3 U0 G1

### Construction

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**Cold Weather Starting:**

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

**Ambient Temperature :**

Max Power Temp Rating: 104°F (40°C)

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):**

1 Fixture: 0.35

2 Fixtures at 90°: 0.54

2 Fixtures at 180°: 0.7

3 Fixtures at 90°: 0.9

4 Fixtures at 90°: 0.9

**Gaskets:**

High-temperature silicone gaskets

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

### Installation

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**Mounting:**

Wall mount

## Dimensions



## Features

- 0-10V dimmable standard
- IP66 Rated
- 100,000-Hour LED lifespan
- 10-Year, No-Compromise Warranty

## Ordering Matrix

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Driver	Options
ALED	S	5T	WM	N	B		/7PR
	<b>M</b> = Medium (150W/90W/78W) <b>L</b> = Large (260W/220W/170W) <b>XL</b> = Extra Large (385W/345W/300W) <b>S</b> = Small (80W/60W/40W)	<b>2T</b> = Type II <b>3T</b> = Type III <b>4T</b> = Type IV <b>5T</b> = Type V <b>AT</b> = Auto Dealership Optic	<b>Blank</b> = Universal Pole Mount <b>SF</b> = Slipfitter <b>WM</b> = Wall Mount	<b>Blank</b> = 5000K Cool <b>Y</b> = 3000K Warm <sup>1</sup> <b>N</b> = 4000K Neutral	<b>Blank</b> = Bronze <b>W</b> = White <b>B</b> = Black	<b>Blank</b> = 120-277V, 0-10V Dimming <b>/480</b> = 480V, 0-10V Dimming	<b>Blank</b> = No Option <b>/7PR</b> = 7 Pin Twistlock Receptacle <b>/WS2</b> = Wattstopper, 20ft lens <b>/WS4</b> = Wattstopper, 40ft lens <sup>3</sup>

<sup>1</sup> Dark sky approved in 3000K, available only on Small and Medium fixtures

<sup>2</sup> 480V available only on Medium, Large & Extra Large fixtures

<sup>3</sup> Wattstopper option available only on Large & Extra Large fixtures