ALEDLATB/7PR

RAB®

Project:	Type:
Prepared By:	Date:

Color: Black   Weight: 25.7 lbs

Driver Info

Type	Constant Current
120V	2.20A
208V	1.25A
240V	1.10A
277V	0.94A
Input Watts	171.2/227.6/269.8W

LED Info

Watts	260W
Color Temp	5000K (Cool)
Color Accuracy	84/85/84 CRI
L70 Lifespan	100,000 Hours
Lumens	25151/32304/37412
Efficacy	146.9/142/138.7 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-W910H7

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, 120-277V, 50/60 Hz, 120V: 1.42A, 208V: 0.82A, 240V: 0.71A, 277V: 0.62A

220W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 1.84A, 208V: 1.01A, 240V: 0.92A, 277V: 0.80A

260W: Constant Current, Non-Class 2, 120-277V, 50/60 Hz, 120V: 2.20A, 208V: 1.25A, 240V: 1.10A, 277V: 0.94A

Dimming Driver:

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

THD:

1.55% at 120V, 4.01% at 277V

Power Factor:

99.9% at 120V, 96.5% at 277V

Surge Protection:

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

7-Pin Receptacle:

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

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Technical Specifications (continued)

Performance

Lifespan:

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

Construction

IES Classification:

Car Dealership optics have a wide distribution with an intentional hot spot that helps to deliver eye-catching 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:

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.

Lens:

Polycarbonate lens

Reflector:

Aluminum reflector with white polycarbonate

Vibration Rating:

3G vibration rating per ANSI C136.31

Effective Projected Area:

EPA = 0.51

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

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.
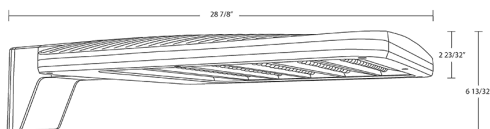
Buy American Act Compliance:

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

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	Voltage	Options
ALED	L	AT			B		/7PR

	S = Small (80W/60W/40W)	**2T =** Type II	**Blank =** Universal Pole Mount	**Blank =** 5000K Cool	**Blank =** Bronze	**Blank =** 120-277V, 0-10V Dimming	**Blank =** No Option
	M = Medium (150W/90W/78W)	**3T =** Type III	**SF =** Slipfitter	**N =** 4000K Neutral	**W =** White	**/480 =** 480V, 0-10V Dimming [1]	**/7PR =** 7 Pin Twistlock Receptacle
	L = Large (260W/220W/170W)	**4T =** Type IV	**WM =** Wall Mount		**B =** Black		**/WS2 =** Wattstopper, 20ft lens
	XL = Extra Large (385W/345W/300W)	**5T =** Type V					**/WS4 =** Wattstopper, 40ft lens [2]
		AT = Auto Dealership Optic					

[1] *480V available in Medium, Large & Extra Large fixtures only*
[2] *Wattstopper option available in Large & Extra Large fixtures only*