



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info			
Туре	Constant Current	Watts	260W		
120V	N/A	Color Temp	5000K (Cool)		
208V	N/A	Color	85/85/84 CRI		
240V	N/A	Accuracy	03/03/04 CIII		
277V	N/A	L70	100,000 Hours		
Input Watts	170.6/226/263.2W	Lifespan Lumens	25765/22272/27502 l		
		Lumens	25765/33272/37583 lm		
		Efficacy	151/147.2/142.8 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

## 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-WTL635

## **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:

4.43% 480V

# Power Factor:

96.3% at 480V

## **Surge Protection:**

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

#### 7-Pin Receptacle:

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

#### 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:**

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)

# ALEDLATWM/480/7PR



# **Technical Specifications (continued)**

#### **Ambient Temperature:**

Max Power Temp Rating:  $40^{\circ}$ C ( $104^{\circ}$ F) Middle Power Temp Rating:  $43^{\circ}$ C ( $110^{\circ}$ F) Low Power Temp Rating:  $51^{\circ}$ C ( $125^{\circ}$ F)

#### Housing:

Die-cast aluminum

#### 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

## Optical

## **Bug Rating:**

BUG Rating 260W: B4 U0 G2

BUG Rating 220W: B4 U0 G2

BUG Rating 170W: B3 U0 G2

## Other

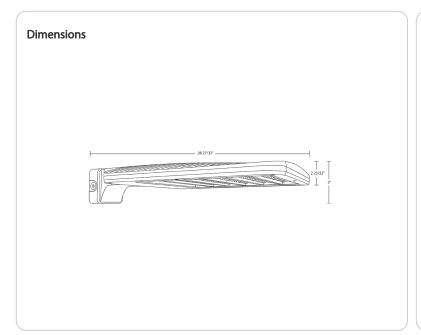
#### Warranty:

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

Family	Housing Size	Distribution AT	Mounting WM	Color Temp	Finish	Voltage /480	Options /7PR
	<b>L</b> = Large (260W/220W/170W)	<b>4T =</b> Type IV	<b>SF</b> = Slipfitter	<b>N</b> = 4000K	<b>W</b> = White	/480 = 480V, 0-10V	Receptacle
	XL = Extra Large	<b>5T</b> = Type V	<b>WM</b> = Wall Mount	Neutral	$\mathbf{B} = Black$	Dimming <sup>1</sup>	/WS2 = Wattstopper,
	(385W/345W/300W)	AT = Auto Dealership Optic		<b>Y</b> = 3000K Warm			20ft lens / <b>WS4 =</b> Wattstopper, 40ft lens <sup>2</sup>