



Project:	Туре:
Prepared By:	Date:

Driver Info	)	LED Info	
Type	Constant Current	Watts	260W
120V	N/A	Color Temp	4000K (Neutral)
208V	N/A	Color	84/84/83 CRI
240V	N/A	Accuracy	0 1/0 1/03 CI II
277V	N/A	L70 Lifespan	100,000 Hours
Input Watts	Input Watts 171.9/228.1/264.8W	Lumens	26858/34788/38921 lm
		Efficacy	156.2/152.5/147 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-6H84KM

# **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:

4.35% 480V

## **Power Factor:**

96.4% 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

## Wattage Equivalency:

Equivalent to 1,000W Metal Halide

# Construction

# IES Classification:

The Type IV distribution is especially suited for mounting on the sides of buildings and walls, and for illuminating the perimeter of parking areas. It produces a semicircular distribution with essentially the same candlepower at lateral angles from 90° to 270°.

# **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: 43°C (110°F) Low Power Temp Rating: 51°C (125°F)

# ALEDL4TSFNW/480



# **Technical Specifications (continued)**

#### Housing:

Die-cast aluminum

# Mounting:

2 3/8" slipfitter mount with stainless steel hardware

## Tilt Increment:

Rotates in 5 degree increments

#### Lens:

Polycarbonate lens

#### Reflector:

Aluminum reflector with white polycarbonate

# Vibration Rating:

3G vibration rating per ANSI C136.31

# **Effective Projected Area:**

1 Fixture: 0.65

2 Fixtures at 90°: 1.02

2 Fixtures at 180°: 1.31

3 Fixtures at 90°: 1.68

4 Fixtures at 90°: 1.68

#### Gaskets:

High-temperature silicone gaskets

### Finish:

Formulated for high durability and long-lasting color

# Green Technology:

Mercury and UV free. RoHS-compliant components.

# Optical

# **Bug Rating:**

BUG Rating 260W: B3 U0 G5

BUG Rating 220W: B3 U0 G5

BUG Rating 170W: B3 U0 G4

# Other

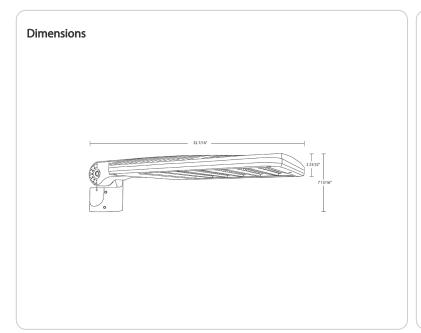
## Warranty:

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 <a href="mailto:rabletates">rablighting.com/warranty</a>.

## **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 ALED	Housing Size	Distribution 4T	Mounting SF	Color Temp	Finish W	Voltage /480	Options
	<b>M</b> = Medium (150W/90W/78W)	<b>3T</b> = Type III	Pole Mount	Cool <b>N</b> = 4000K	Bronze	0-10V Dimming / <b>480</b> = 480V, 0-10V	/7PR = 7 Pin Twistlock
	<b>L</b> = Large (260W/220W/170W) <b>XL</b> = Extra Large	<b>4T =</b> Type IV <b>5T =</b> Type V	SF = Slipfitter WM = Wall Mount	N = 4000K Neutral	<b>W</b> = White <b>B</b> = Black	7480 = 4800, 0-100 Dimmina 1	Receptacle /WS2 = Wattstopper,
	(385W/345W/300W)	AT = Auto Dealership	WWW - Wall Mount	Y = 3000K	<b>D</b> = Dlack	Dillilling	20ft lens
	Optic		Warm			/WS4 = Wattstopper, 40ft lens <sup>2</sup>	

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**Copyright © 2023 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice