# ALEDM5TSFN/480/7PR





Project:	Туре:
Prepared By:	Date:

Driver Info	)	LED Info	
Type	Constant Current	Watts	150W
120V	N/A	Color	4000K (Neutral)
208V	N/A	Temp	iooon (incanan)
240V	N/A	Color	84/84/83 CRI
277V	N/A	Accuracy	
Input Watts	74.1/90.8/145.3W	L70 Lifespan	100,000 Hours
		Lumens	11592/14099/21343
		Efficacy	156.4/155.3/146.9 lm/W

# **Technical Specifications**

# **Field Adjustability**

# Field Adjustable (Wattage):

Field adjustable light output in 3 discrete steps: Medium Housing: 150W/90W/78W (factory default 150W)

# 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-G54H1P

# **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:

78W: Constant Current, Class 2, 480V, 50/60 Hz, 480V:0 20A

90W: Constant Current, Class 2, 480V, 50/60 Hz, 480V:0.23A

150W: Constant Current, Non-Class 2, 480V, 50/60 Hz, 480V: 0.32A

## **Dimming Driver:**

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

# THD:

6.28% 480V

# **Power Factor:**

95.9% 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



# **Technical Specifications (continued)**

# Performance

# Lifespan:

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

#### Construction

#### **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

# 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:

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:**

EPA = 0.44

#### 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.

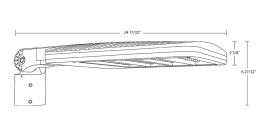
# **Buy American Act Compliance:**

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 400W Metal Halide

## **Dimensions**



# **Features**

0-10V dimmable standard

IP66 Rated

100,000-Hour LED lifespan

10-Year, No-Compromise Warranty

# ALEDM5TSFN/480/7PR



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