# A34T4XLWM/480/MVS

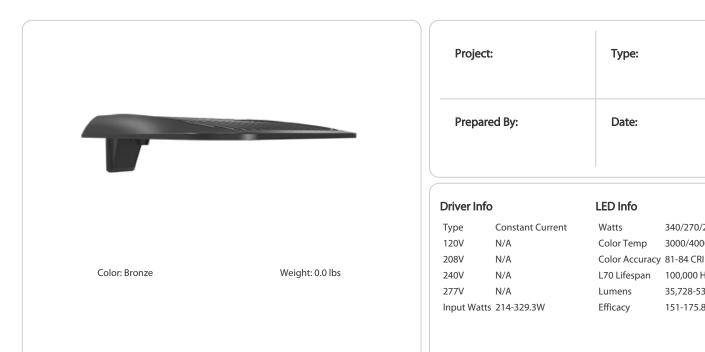
340/270/220W

100,000 Hours

35,728-53,423 lm

151-175.8 lm/W

3000/4000/5000K



# **Technical Specifications**

### **Field Adjustability**

### **Field Adjustable:**

Field Adjustable Light Output: 100W/80W/50W (factory default 80W) Color temperature selectable by 3000K, 4000K and 5000K (factory default 4000K)

### 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.

### **IP Rating:**

Ingress protection rating of IP65 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-W9LX92

### Performance

### Lifespan:

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

### Wattage Equivalency:

340W: Replaces up to 1,000W Metal Halide (MH) or 1,000W High Pressure Sodium (HPS) 270W: Replaces up to 1,000W Metal Halide (MH) or 750W High Pressure Sodium (HPS) 220W: Replaces up to 750W Metal Halide (MH) or 600W High Pressure Sodium (HPS)

# Electrical

### Driver:

340W: Constant Current, Class 1, Class P, 480V, 50/60 Hz,120V: 480V: 0.70A 270W: Constant Current, Class 1, Class P, 480V, 50/60 Hz,120V: 480V:0.59A 220W: Constant Current, Class 1, Class P, 480V, 50/60 Hz,120V: 480V:0.49A

### **Dimming Driver:**

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

### Surge Protection:

L-L: 6kV; L/N-G: 10kV 10kV Surge suppressor in addition to surge built into the driver.

### Photocell:

Integrated photocell included with on/off switch

### Construction

### **IES Classification:**

The Type IV distribution (also known as a Forward Throw) 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)

### Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

### Lens:

Clear polycarbonate lens

### Housing:

Die-cast aluminum housing, lens frame and mounting arm

# **Effective Projected Area:**

EPA = 0.5

Vibration Rating: 2G

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# **Technical Specifications (continued)**

### Finish:

Formulated for high durability and long-lasting color

### Green Technology:

Includes recycled plastic and RoHS-compliant components.

### **LED Characteristics**

#### LEDs:

Long-life, high-efficiency, surface-mount LEDs

### **Color Uniformity:**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### Installation

Mounting: Wall mount

# Optical

**BUG Rating:** 340W: B4 U0 G5 270W: B4 U0 G4 220W: B4 U0 G4

### **Sensor Settings**

**Operating Voltage:** DC Input: 10.5-15V Current>50mA

### Operating Temperature:

Ta: -31° F (-35° C)\* ~ +122° F(+50° C)

# Sensor Warranty:

5-year sensor warranty

Sensitivity: 100%

Standby Period: 0s/10s/30s/1min/5min/10min/30min/60min/+∞

Daylight: 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

Hold Time: 20 minutes

**Standby Dimming:** 10%/20%/30%/50%

**Detection Angle:** 30° to 150° without glass cover

### **Detection Distance:**

Radius 9.84-22.96ft(3-7m)

# Mounting Height:

Max 49ft.(15m)

### **Remote Control Accessory:**

Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. <u>Remote control available here.</u>

### Other

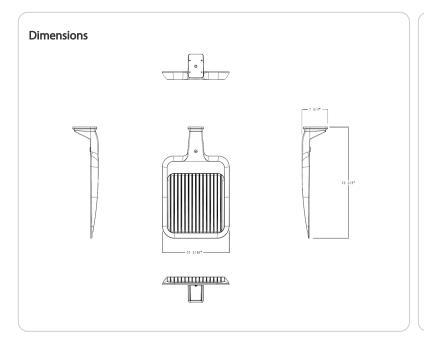
# 5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint 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.

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# Features

100,000-hour LED Life

- 0-10V dimming standard
- IP65 rating protects against dust and water
- 5-Year, limited warranty

Ordering N	<b>Aatrix</b>
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Family	Distribution	Size/Wattage	Mounting	Color Temp	Finish	Driver	Options
A34	T4	XL	WM			/480	/MVS
	<b>T4 =</b> Type IV <b>T5 =</b> Type V <b>T3 =</b> Type III	S = Small 100/80/50W M = Medium 150/125/100W L = Large 250/200/150W XL = Extra Large 340/270/220W	Blank = Universal Pole Mount SF = Slipfitter Mount WM = Wall Mount	Blank = 3000/4000/5000K CCT Adjustable	Blank = Bronze W = White	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = No Option /PIR = Passive Infrared Occupancy Sensor /MVS = Microwave Motion Sensor /LCBS = Lightcloud Blue w/PIR Sensor /LCBS/MVS = Lightcloud Blue w/MVS Sensor
			<sup>1</sup> 480V avai	lable on M, L, and XL models only	/.		