



Color: White

Weight: 0.0 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	N/A
208V	N/A
240V	N/A
277V	N/A
Input Watts	214-329.3W

LED Info

Watts	340/270/220W
Color Temp	3000/4000/5000K
Color Accuracy	81-84 CRI
L70 Lifespan	100,000 Hours
Lumens	34,591-51,674 lm
Efficacy	145.8-170.5 lm/W

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-MKP90X

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 III distribution is ideal for roadway, general parking and other area lighting applications where a larger pool of lighting is required. It is intended to be located near the side of the area, allowing the light to project outward and fill the area.

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

**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 G4

270W: B4 U0 G4

220W: B4 U0 G3

**Sensor Settings****Operating Voltage:**

DC10.5-15V >30mA

**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:**

<120° Fresnel Lens

**Detection Distance:**

Radius 9.84-19.68ft(3-6m)

**Mounting Height:**

Max 39.37ft.(12m)

**Remote Control Accessory:**

Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

**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](http://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.

Dimensions



Features

- 100,000-hour LED Life
- 0-10V dimming standard
- IP65 rating protects against dust and water
- 5-Year, limited warranty

Ordering Matrix

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

<sup>1</sup> 480V available on M, L, and XL models only.