A34T3XL/480/MVS

RAB

Project:	Type:
Prepared By:	Date:

Color: Bronze   Weight: 0.0 lbs

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:
340W/270W/220W (factory default 270W)
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 IESNAlm-79 andlm-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 IESlm-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: 6 kV; L/N-G: 10 kV
10 kV 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°F (-40°C)

Maximum Ambient Temperature:
Suitable for use in up to 104°F (40°C)

Lens:
Clear polycarbonate lens

Housing:
Die-cast aluminum housing, lens frame and mounting arm

Effective Projected Area:
EPA = 0.4

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:
Universal mounting arm compatible for hole spacing patterns from 1" to 5 1/2" center to center. Round Pole adapter plate included as a standard. Easy slide and lock to mount fixture with ease. Round pole diameter must be >4" to mount fixtures at 90° orientation.

Optical

BUG Rating:
340W: B4 U0 G4
270W: B4 U0 G4
220W: B4 U0 G3

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)

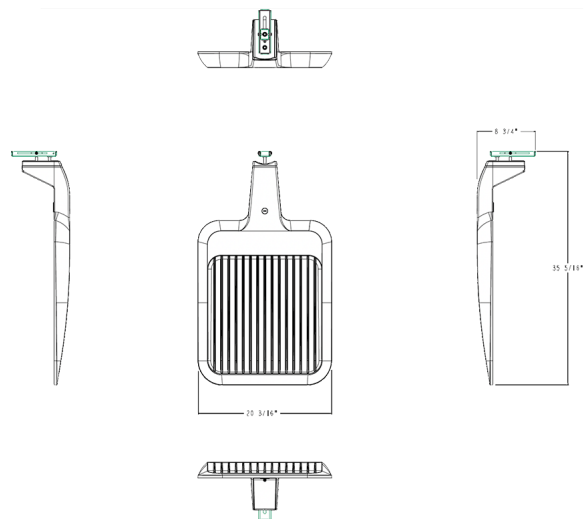**Mounting Height:**
Max 49ft.(15m)

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

Other

5-Year 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.

RAB

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				/480	/MVS
	T4 = Type IV **T5 =** Type V **T3 =** 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

[1] *480V available on M, L, and XL models only.*

Need help? Tech help line: **(888) 722-1000** Email: **techsupport@rablighting.com** Website: **www.rablighting.com**

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