A34T4MSFW/MVS

RAB

Project:	Type:
Prepared By:	Date:

Color: White   Weight: 0.0 lbs

Driver Info

Type	Constant Current
120V	1.26A/1.00A/0.83A
208V	0.80A/0.60A/0.60A
240V	0.70A/0.53A/0.50A
277V	0.59A/0.46A/0.39A
Input Watts	94.8-151.1W

LED Info

Watts	150/125/100W
Color Temp	3000/4000/5000K
Color Accuracy	82-84 CRI
L70 Lifespan	100,000 Hours
Lumens	15,927-24,630 lm
Efficacy	142.7-179.9 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
150W/125W/100W (factory default 125W)
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-L5W7KR

Performance

Lifespan:
100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

Wattage Equivalency:
150W: Replaces up to 750W Metal Halide (MH) or 400W High Pressure Sodium (HPS)
125W: Replaces up to 400W Metal Halide (MH) or 400W High Pressure Sodium (HPS)
100W: Replaces up to 400W Metal Halide (MH) or 310W High Pressure Sodium (HPS)

Electrical

Driver:
150W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz,120V: 1.26A, 208V: 0.80A, 240V: 0.70A, 277V: 0.59A
125W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz,120V: 1.00A, 208V: 0.60A, 240V: 0.53A, 277V: 0.46A
100W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz,120V: 0.83A, 208V: 0.60A, 240V: 0.50A, 277V: 0.39A

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: 6 kV

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°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

Tilt Increment:
The fixture can be rotated from 0-125° in 5° increments

Technical Specifications (continued)

Vibration Rating:
3G

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:
Slipfitter for 2 3/8"OD pipe

Optical

BUG Rating:
150W: B3 U0 G3
125W: B3 U0 G3
100W: B3 U0 G2

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)

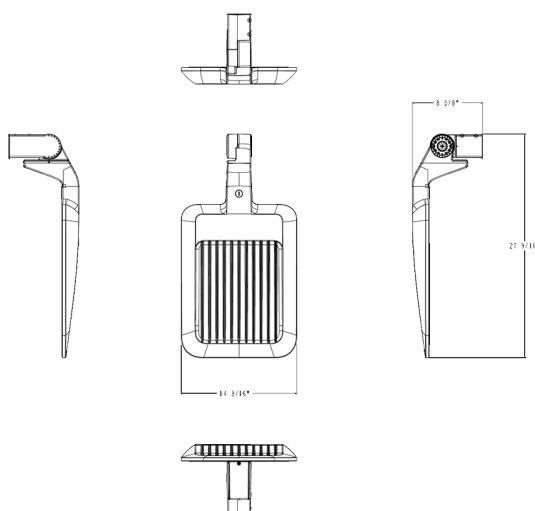**Mounting Height:**
Max 49ft.(15m)

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	T4	M	SF		W		/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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