



Color: White

Weight: 0.0 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	150/125/100W
120V	N/A	Color Temp	3000/4000/5000K
208V	N/A	Color Accuracy	82-84 CRI
240V	N/A	L70 Lifespan	100,000 Hours
277V	N/A	Lumens	16,164-25,150 lm
Input Watts	96-142.2W	Efficacy	156.1-179.5 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 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-GP62JN

Performance

Lifespan:
100,000-Hour LED lifespan based on IES LM-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, 480V, 50/60 Hz, 120V: 480V: 0.31A
125W: Constant Current, Class 1, Class P, 480V, 50/60 Hz, 120V: 480V: 0.27A
100W: Constant Current, Class 1, Class P, 480V, 50/60 Hz, 120V: 480V: 0.22A

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

Photocell:
Integrated photocell included with on/off switch

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

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 = 0.4

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

Vibration Rating:
3G

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:
Slipfitter for 2 3/8"OD pipe

Optical

BUG Rating:
150W: B4 U0 G2
125W: B4 U0 G2
100W: B4 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 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.

Dimensions

Technical drawings of the A34T5MSFW/480/MVS light fixture. The drawings include a side view, a front view, and a detail view of the mounting bracket. Dimensions are provided in inches: 8 5/16" for the mounting bracket height, 27 1/16" for the mounting bracket width, and 14 3/16" for the fixture width.

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	T5	M	SF		W	/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.