



Color: White

Weight: 0.0 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	250/200/150W
120V	2.09A/1.66A/1.26A	Color Temp	3000/4000/5000K
208V	1.20A/1.10A/0.80A	Color Accuracy	82-84 CRI
240V	1.10A/0.95A/0.70A	L70 Lifespan	100,000 Hours
277V	0.90A/0.74A/0.59A	Lumens	24,789-41,157 lm
Input Watts	146-250.4W	Efficacy	152.3-179.7 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-MW83XW

Performance

Lifespan:

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

Wattage Equivalency:

250W: Replaces up to 1,000W Metal Halide (MH) or 600W High Pressure Sodium (HPS)  
200W: Replaces up to 750W Metal Halide (MH) or 600W High Pressure Sodium (HPS)  
150W: Replaces up to 750W Metal Halide (MH) or 400W High Pressure Sodium (HPS)

Electrical

Driver:

250W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz, 120V: 2.09A, 208V: 1.20A, 240V: 1.10A, 277V: 0.90A  
200W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz, 120V: 1.66A, 208V: 1.10A, 240V: 0.95A, 277V: 0.74A  
150W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz, 120V: 1.26A, 208V: 0.80A, 240V: 0.70A, 277V: 0.59A

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 = 0.4

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 Adaptor 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:**  
250W: B4 U0 G4  
200W: B3 U0 G4  
150W: B3 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

Technical drawings of the A34T4LW/PIR light fixture showing side, top, and front views with dimensions.

- Side view (left): Shows the profile of the fixture.
- Top view (center): Shows the top of the fixture with a width dimension of 10 3/16".
- Front view (right): Shows the front of the fixture with a height dimension of 35 1/16" and a mounting bracket dimension of 8 3/4".

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	L			W		/PIR
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

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