A34T5XLWMW/PIR

RAB



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 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-B2WS89

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, 120-277V, 50/60 Hz,120V: 2.87A, 208V: 1.64A, 240V: 1.42A, 277V: 1.25A

270W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz,120V: 2.33A, 208V: 1.30A, 240V: 1.12A, 277V: 1.04A

220W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz,120V: 1.90A, 208V: 1.06A, 240V: 0.92A, 277V: 0.87A

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 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 $40^{\circ}C$ ($104^{\circ}F$)

Lens:

Clear polycarbonate lens

Housing:

Die-cast aluminum housing, lens frame and mounting arm

Effective Projected Area:

EPA = 0.5

Vibration Rating: 2G

Finish:

Formulated for high durability and long-lasting color

Technical Specifications (continued)

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: B5 U0 G4 270W: B5 U0 G4 220W: B5 U0 G4

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. <u>Remote control available here</u>.

Other

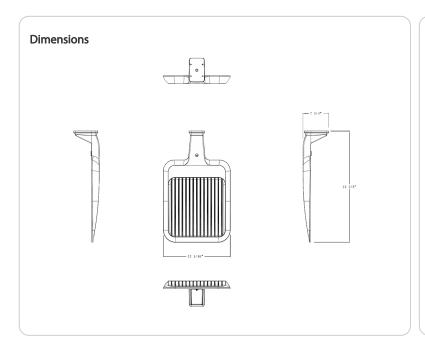
5 Yr Limited Warranty:

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 <u>rablighting.com/warranty.</u>

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.

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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	XL	WM		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
			¹ 480V avai	lable on M, L, and XL models only	:		