A34T3SW/PIR

RAB®

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	0.83A/0.64A/0.44A
208V	0.60A/0.40A/0.25A
240V	0.50A/0.35A/0.21A
277V	0.39A/0.29A/0.19A
Input Watts	46.4-96.6W

LED Info

Watts	100/80/50W
Color Temp	3000/4000/5000K
Color Accuracy	81-84 CRI
L70 Lifespan	100,000 Hours
Lumens	7,357-15,508 lm
Efficacy	141.3-176.5 lm/W

Color: White   Weight: 0.0 lbs

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-V4XZ20

Performance

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

Wattage Equivalency:

100W: Replaces up to 400W Metal Halide (MH) or 310W High Pressure Sodium (HPS)
80W: Replaces up to 350W Metal Halide (MH) or 250W High Pressure Sodium (HPS)
50W: Replaces up to 200W Metal Halide (MH) or 150W High Pressure Sodium (HPS)

Electrical

Driver:
100W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz,120V: 0.83A, 208V: 0.60A, 240V: 0.50A, 277V: 0.39A
80W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz,120V: 0.64A, 208V: 0.40A, 240V: 0.35A, 277V: 0.29A
50W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz,120V: 0.44A, 208V: 0.25A, 240V: 0.21A, 277V: 0.19A

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: 4kV; L/N-G: 6kV

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°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 = 0.2

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:
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:
100W: B3 U0 G2
80W: B2 U0 G2
50W: B2 U0 G1

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)

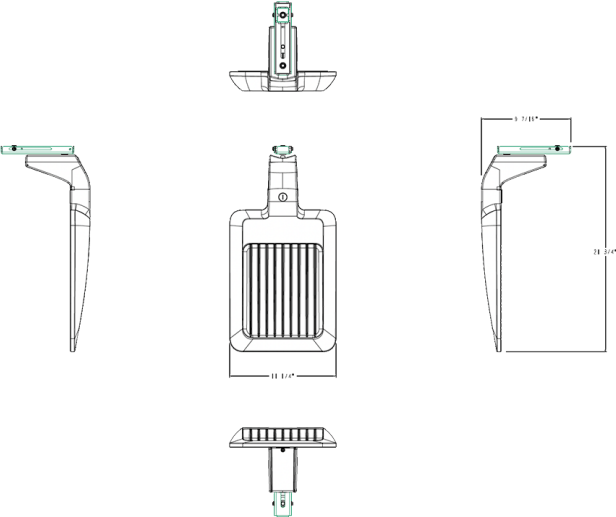**Mounting Height:**
Max 39.37ft.(12m)

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.

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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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	S			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 available on M, L, and XL models only.*

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

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