A34T4XLW/PIR

RAB

Color: White   Weight: 0.0 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	2.87A/2.33A/1.90A
208V	1.64A/1.30A/1.06A
240V	1.42A/1.12A/0.92A
277V	1.25A/1.04A/0.87A
Input Watts	216.2-343.2W

LED Info

Watts	340/270/220W
Color Temp	3000/4000/5000K
Color Accuracy	81-84 CRI
L70 Lifespan	100,000 Hours
Lumens	35,523-53,193 lm
Efficacy	143.6-173.9 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-QGDBF4

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 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:
340W: B4 U0 G5
270W: B4 U0 G4
220W: B4 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:
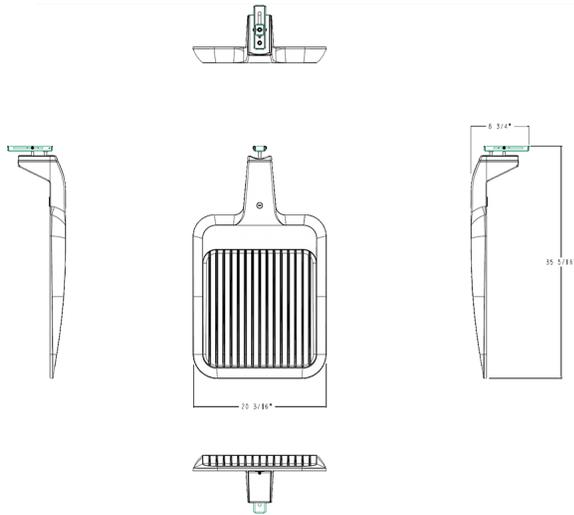Radius 9.84-19.68ft(3-6m)

Mounting Height:
Max 39.37ft.(12m)

Remote Control Accessory:
Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. 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.

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	XL			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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