



Color: White

Weight: 0.0 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current	Watts	150/125/100W
120V	1.26A/1.00A/0.83A	Color Temp	3000/4000/5000K
208V	0.80A/0.60A/0.60A	Color Accuracy	82-84 CRI
240V	0.70A/0.53A/0.50A	L70 Lifespan	100,000 Hours
277V	0.59A/0.46A/0.39A	Lumens	15,856-24,510 lm
Input Watts	94.8-151.1W	Efficacy	149.1-178.4 lm/W

LED Info**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-YQCTT5

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, 120-277V, 50/60 Hz, 120V: 1.26A, 208V: 0.80A, 240V: 0.70A, 277V: 0.59A
125W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz, 120V: 1.00A, 208V: 0.60A, 240V: 0.53A, 277V: 0.46A
100W: Constant Current, Class 1, Class P, 120-277V, 50/60 Hz, 120V: 0.83A, 208V: 0.60A, 240V: 0.50A, 277V: 0.39A

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: 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 = 0.3

Vibration Rating:

3G

Technical Specifications (continued)**Finish:**

Formulated for high durability and long-lasting color

Standby Dimming:

10%/20%/30%/50%

Green Technology:

Includes recycled plastic and RoHS-compliant components.

Detection Angle:

<120° Fresnel Lens

LED Characteristics**LEDs:**

Long-life, high-efficiency, surface-mount LEDs

Detection Distance:

Radius 9.84-19.68ft(3-6m)

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.

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.](#)

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.

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](#).

Optical**BUG Rating:**

150W: B3 U0 G3

125W: B3 U0 G2

100W: B3 U0 G2

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.

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:

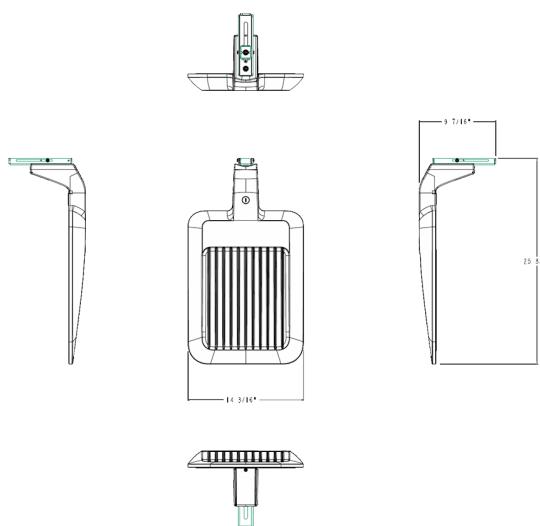
0s/10s/30s/1min/5min/10min/30min/60min/+∞

Daylight:

2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

Hold Time:

20 minutes

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	M			W		/PIR
T4 = Type IV	S = Small 100/80/50W		Blank = Universal	Blank = 3000/4000/5000K CCT	Blank =	Blank = 120-277V, 0-10V Dimming	Blank = No Option
T5 = Type V	M = Medium	150/125/100W	Pole Mount	Adjustable	Bronze	/480 = 480V, 0-10V Dimming	/PIR = Passive Infrared Occupancy Sensor
T3 = Type III	L = Large 250/200/150W	XL = Extra Large 340/270/220W	SF = Slipfitter Mount		W = White		/MVS = Microwave Motion Sensor
			WM = Wall Mount				/LCBS = Lightcloud Blue w/PIR Sensor
							/LCBS/MVS = Lightcloud Blue w/MVS Sensor

¹ 480V available on M, L, and XL models only.