



Color: White

Weight: 0.0 lbs

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	82-84 CRI
L70 Lifespan	100,000 Hours
Lumens	7,364-15,024 lm
Efficacy	141.5-171 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-RHxD5S

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 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 = 0.3

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:**

Wall mount

**Optical****BUG Rating:**

100W: B3 U0 G2

80W: B2 U0 G2

50W: B2 U0 G2

**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.](#)

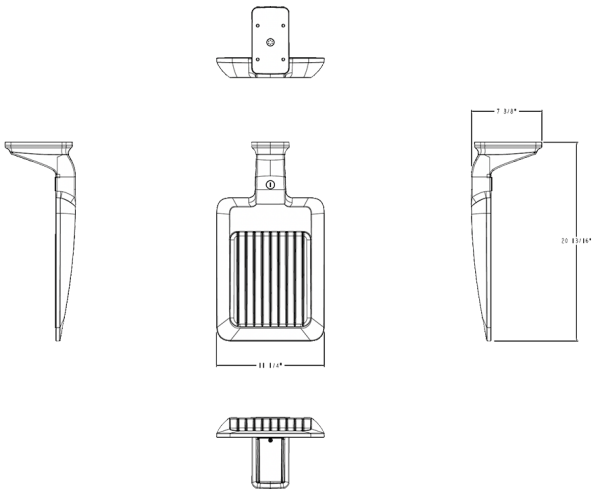
**Other****5 Yr Limited Warranty:**

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



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

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