



Color: Bronze

Weight: 0.0 lbs

Project:

Type:

Prepared By:

Date:

**Driver Info**

Type	Constant Current	Watts	100/80/50W
120V	0.83A/0.64A/0.44A	Color Temp	3000/4000/5000K
208V	0.60A/0.40A/0.25A	Color Accuracy	81-84 CRI
240V	0.50A/0.35A/0.21A	L70 Lifespan	100,000 Hours
277V	0.39A/0.29A/0.19A	Lumens	7,357-15,508 lm
Input Watts	46.4-96.6W	Efficacy	141.3-176.5 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-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

**Standby Dimming:**

10%/20%/30%/50%

**Green Technology:**

Includes recycled plastic and RoHS-compliant components.

**Detection Angle:**

30° to 150° without glass cover

**LED Characteristics****LEDs:**

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

**Detection Distance:**

Radius 9.84-22.96ft(3-7m)

**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 49ft.(15m)

**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:**

100W: B3 U0 G2

80W: B2 U0 G2

50W: B2 U0 G1

**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:**

DC Input: 10.5-15V

Current>50mA

**Operating Temperature:**

Ta: -31° F (-35° C)\* ~ +122° F(+50° C)

**Sensor Warranty:**

5-year sensor warranty

**Sensitivity:**

100%

**Standby Period:**

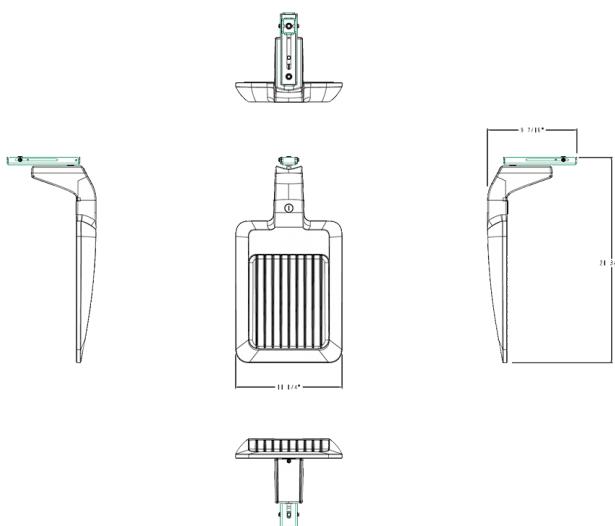
0s/10s/30s/1min/5min/10min/30min/60min/+∞

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

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