



Project:	Type:
Prepared By:	Date:

Driver Info	LED Info
Type Constant Current	Watts 45/55/65/75/85W
120V 0.38A/0.46A/0.55A/0.64A/0.72A	Color Temp 3500/4000/5000/5700/6500K
208V 0.22A/0.26A/0.27A/0.31A/0.32A/0.37A/0.42A	Color Accuracy 84-86 CRI
240V 0.19A/0.23A/0.27A/0.32A/0.36A	L70 Lifespan 100,000 Hours
277V 0.19A/0.22A/0.25A/0.28A/0.31A/0.32A	Lumens 6551-12624 lm
Input Watts 44.4-86.4W	Efficacy 139.6-147.7 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Constant Current, Class II, 120-277V, 50/60 Hz:
 85W: 120V: 0.73A, 208V: 0.42A, 240V: 0.36A, 277V: 0.32A
 75W: 120V: 0.63A, 208V: 0.36A, 240V: 0.31A, 277V: 0.27A
 65W: 120V: 0.54A, 208V: 0.31A, 240V: 0.27A, 277V: 0.23A
 55W: 120V: 0.46A, 208V: 0.26A, 240V: 0.23A, 277V: 0.20A
 45W: 120V: 0.38A, 208V: 0.21A, 240V: 0.18A, 277V: 0.16A

Compliance

UL Listed:

Suitable for damp 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.

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
 DLC Product Code: S-SW8Y1C (Direct Linear Ambient Luminaires)
 DLC Product Code: S-3RT96N (Stairwell and Passageway Luminaires)
 DLC Product Code: S-1Y8Y2V (High-Bay Luminaires for Commercial and Industrial Buildings)

LED Characteristics

LEDs:

Long-life, high-efficacy, discrete, 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.

Color Consistency:

4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Construction

Ambient Temperature :

Max Power Temp Rating: 122°F (50°C)
 Middle Power Temp Rating: 53°C (127°F)
 Low Power Temp Rating: 57°C (135°F)

Cold Weather Starting:

The minimum starting temperature is -20°C (-4°F)

Lens:

Polycarbonate lens

Housing:

Galvanized steel (painting)

Green Technology:

Mercury and UV free. RoHS-compliant components.

Finish:

Formulated for high durability and long-lasting color

Performance

Lifespan:

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

Technical Specifications (continued)

Electrical

Driver:

Constant Current, Class II, 120-277V, 50/60 Hz:
 85W: 120V: 0.73A, 208V: 0.42A, 240V: 0.36A, 277V:
 0.32A
 75W: 120V: 0.63A, 208V: 0.36A, 240V: 0.31A, 277V:
 0.27A
 65W: 120V: 0.54A, 208V: 0.31A, 240V: 0.27A, 277V:
 0.23A
 55W: 120V: 0.46A, 208V: 0.26A, 240V: 0.23A, 277V:
 0.20A
 45W: 120V: 0.38A, 208V: 0.21A, 240V: 0.18A, 277V:
 0.16A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

Aux Power Supply:

Yes

Dim to Off:

Yes

Surge Protection:

L-N 1 kV, L/N-G 2 kV

Installation

Mounting:

Surface mounting standard. V-Hooks and Chain mounting available (ordered separately, SR VHOOK KIT).

Sensor Settings

Remote Control Accessory:

Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

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 Setting:

25%/50%/75%/100%

Standby Period:

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

Daylight:

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

Hold Time:

5s/30s/1min/3min/5min/10min/20min/30min

Standby Dimming:

10%/20%/30%/50%

Detection Angle:

30° to 150° without glass cover

Detection Distance:

Radius 9.84-22.96ft(3-7m)

Mounting Height:

Max 49ft.(15m)

Other

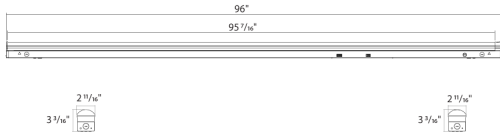
5-Year Limited Warranty:

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.

Accessories:

Suspended Mounting Kit: SR VHOOK KIT
 Surface Mount Kit: SR JOIN KIT

Dimensions



Features

- 50,000-Hour LED lifespan
- 120-277V standard
- 0-10V dimming, standard
- 5-Year, limited warranty

Ordering Matrix

Family	Size/Wattage	Mounting	Color Temp	Finish	Options
SR	8H				/MVS
	3 = 3ft (30/26/22/18/14W) 4L = 4ft (28/24/20/16/12W) 4 = 4ft (40/35/30/25/20W) 8 = 8ft (60/52/44/36/28W) 8H = 8ft (85/75/65/55/45W) 2 = 2ft (19/15/11/7/4W)	Blank = J-Box Adaptor	Blank = 3500/4000/5000/5700/6500K CCT Adjustable	Blank = White	/LCBS/MVS/E = Lightcloud Blue MVS Sensor w/Battery Back Up /LCBS/E = Lightcloud Blue PIR Sensor w/Battery Back Up /PIR/E = Passive Infrared Occupancy Sensor w/Battery Back Up /MVS/E = Microwave Occupancy Sensor w/Battery Back Up /LCBS/MVS = Lightcloud Blue w/MVS Sensor /LCBS = Lightcloud Blue w/PIR Sensor /PIR = Passive Infrared Occupancy Sensor /MVS = Microwave Occupancy Sensor /E = Battery Back Up Blank = No Option