

Project:	Type:
Prepared By:	Date:

Driver Info	LED Info
Type Constant Current	Watts 28/36/44/52/60W
120V 0.23A/0.30A/0.37A/0.43A/0.52A	Color Temp 3500/4000/5000/5700/6500K
208V 0.13A/0.17A/0.21A/0.25A/0.28A/0.29A/0.30A	Color Accuracy 83-87 CRI
240V 0.12A/0.15A/0.18A/0.21A/0.24A/0.25A/0.26A	L70 Lifespan 100,000 Hours
277V 0.12A/0.14A/0.17A/0.20A/0.22A	Lumens 4072-8988 lm
Input Watts 27.5-61.7W	Efficacy 142.4-148.4 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Constant Current, Class II, 120-277V, 50/60 Hz:
 60W: 120V: 0.52A, 208V: 0.30A, 240V: 0.26A, 277V: 0.22A
 52W: 120V: 0.43A, 208V: 0.25A, 240V: 0.22A, 277V: 0.19A
 44W: 120V: 0.37A, 208V: 0.21A, 240V: 0.18A, 277V: 0.16A
 36W: 120V: 0.30A, 208V: 0.17A, 240V: 0.15A, 277V: 0.13A
 28W: 120V: 0.23A, 208V: 0.13A, 240V: 0.12A, 277V: 0.10A

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-49R3JX (Direct Linear Ambient Luminaires)
 DLC Product Code: S-YB99XW (Stairwell and Passageway Luminaires)
 DLC Product Code: S-GLQDW7 (Low-Bay Luminaires for Commercial and Industrial Buildings)

LED Characteristics

LEDs:

Long-life, high-efficiency, 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

Performance

Lifespan:

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

Electrical

Driver:

Constant Current, Class II, 120-277V, 50/60 Hz:
 60W: 120V: 0.52A, 208V: 0.30A, 240V: 0.26A, 277V: 0.22A
 52W: 120V: 0.43A, 208V: 0.25A, 240V: 0.22A, 277V: 0.19A
 44W: 120V: 0.37A, 208V: 0.21A, 240V: 0.18A, 277V: 0.16A
 36W: 120V: 0.30A, 208V: 0.17A, 240V: 0.15A, 277V: 0.13A
 28W: 120V: 0.23A, 208V: 0.13A, 240V: 0.12A, 277V: 0.10A

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

Battery Backup:

Battery backup will operate the fixture for 90 minutes if power fails. Wired for 120-277V.

Technical Specifications (continued)

Battery Backup Light Loss Factor:

60W: 16.7%
52W: 20.6%
44W: 23.6%
36W: 28.6%
28W: 36.8%

Construction

Cold Weather Starting:

The minimum starting temperature is 0°C (32°F)

Maximum Ambient Temperature w/Battery

Backup:

Suitable for use in up to 122°F (50°C)

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

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.](#)

PIR Sensor Factory Settings:

Brightness: 100%
Hold Time: 1 Minute
Daylight: Disabled
Sensitivity: 100%
Stand-By Dimming Level: 20%
Stand-By Time: 1 Minute

Operating Voltage:

12 ± 2V DC

Operating Current:

30mA

Output:

DIM 0-10V

Stand-By Power:

<0.5W

Brightness:

0%-100%/Quick setting: 70%/80%/90%/100%

Hold Time:

10s/1min/10min/30min

Daylight Threshold:

10Lux/30Lux/50Lux/100Lux/Disable

Lux On-Off:

Adopted dual PD technology. H17-PIR is able to differentiate artificial light brightness from natural light after installed inside.

Stand-By Time:

1min/30min/60min/+∞

Stand-By Dimming Level:

10%/20%/30%/50%

Detection Angle:

≤120° (wall mounted) 360° (ceiling mounted)

Control Line:

Black White 12V+ ; Purple: DIM+ ; Pink GND/DIM-

Mounting Height:

Max 6M (ceiling mounted)

Detection Range:

Max 8m (ceiling mounted) Max 6m(wall mounted)

Operating Temperature:

-30°C to 60°C (-22°F to 140°F)

Other

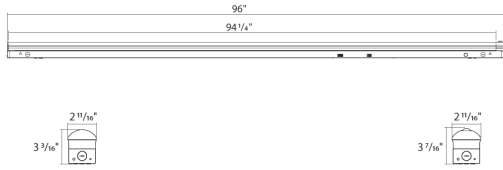
5-Year Limited Warranty:

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	8				/PIR/E
	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