



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	85/75/54W
120V	0.70A/0.61A/0.44A	Color Temp	3500/4000/5000K
208V	0.41A/0.36A/0.26A	Color Accuracy	84-85 CRI
240V	0.36A/0.32A/0.23A	L70 Lifespan	50,000 Hours
277V	0.31A/0.27A/0.20A	Lumens	7,889-12,591 lm
Input Watts	51.1-83.1W	Efficacy	145.1-159.4 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
85W/75W/54W (factory default 85W)
Color temperature selectable by 5000K, 4000K and 3500K (factory default 4000K)

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-G3ANJB (High-Bay Luminaires for Commercial and Industrial Buildings)
DLC Product Code: S-45B9N7 (Direct Linear Ambient Luminaires)
DLC Product Code: S-85YBMA (Stairwell and Passageway Luminaires)

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: 50°C (122°F)
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:

Sheet metal

Green Technology:

Mercury and UV free. RoHS-compliant components.

Finish:

Formulated for high durability and long-lasting color

Performance

Lifespan:

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Electrical

Dimming Driver:

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

THD:

6.47% at 120V, 11.3% at 277V

Power Factor:

99.7% at 120V, 96.5% at 277V

Surge Protection:

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

Installation

Mounting:

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

Technical Specifications (continued)

Other

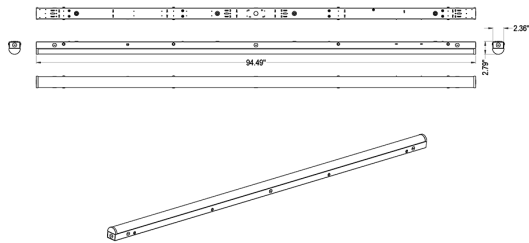
5 Yr Limited Warranty:

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.

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	Color Temp	Mounting	Finish	Options
SR	8H				
	4L = 4ft (28/21/14W) 4 = 4ft (40/30/20W) 8 = 8ft (60/50/40W) 8H = 8ft (85/75/54W) 2 = 2ft (19/14/10W)	Blank = 3500/4000/5000K CCT Adjustable	Blank = J-Box Adaptor	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