



Project: 	Type:
Prepared By: 	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	12/16/20/24/28W
120V	0.11A/0.14A/0.17A/0.20A/0.23A	Color	3500/4000/5000/5700/6500K
208V	0.06A/0.08A/0.09A/0.11A/0.13A/0.14A	Temp	
240V	0.05A/0.07A/0.08A/0.10A/0.12A	Color Accuracy	84-87 CRI
277V	0.05A/0.07A/0.08A/0.09A/0.10A	L70 Lifespan	100,000 Hours
Input Watts	11.9-28.2W	Lumens	1673-4076 lm
		Efficacy	140.3-144 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Constant Current, Class II, 120-277V, 50/60 Hz:
28W: 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A
24W: 120V: 0.20A, 208V: 0.12A, 240V: 0.11A, 277V: 0.09A
20W: 120V: 0.17A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A
16W: 120V: 0.13A, 208V: 0.08A, 240V: 0.07A, 277V: 0.06A
12W: 120V: 0.13A, 208V: 0.06A, 240V: 0.05A, 277V: 0.04A

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 family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

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: 58°C (137°F)
Low Power Temp Rating: 66°C (152°F)

Cold Weather Starting:

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

Performance

Lifespan:

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

Technical Specifications (continued)

Electrical

Driver:

Constant Current, Class II, 120-277V, 50/60 Hz:
28W: 120V: 0.25A, 208V: 0.14A, 240V: 0.13A, 277V: 0.11A
24W: 120V: 0.20A, 208V: 0.12A, 240V: 0.11A, 277V: 0.09A
20W: 120V: 0.17A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A
16W: 120V: 0.13A, 208V: 0.08A, 240V: 0.07A, 277V: 0.06A
12W: 120V: 0.13A, 208V: 0.06A, 240V: 0.05A, 277V: 0.04A

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 9.84-22.96 ft(3-7m)

Mounting Height:

Max 49 ft.(15m)

Other

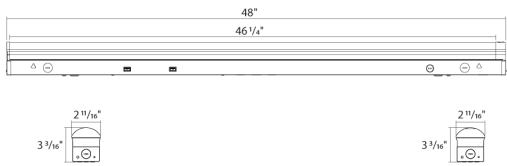
5-Year Limited Warranty:

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

- 100,000-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	4L				/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