STRP440-835U/MVS

RAB®

Versatile, economical strip lights combine a traditional, fluorescent tube look with energy-saving LED technology.

Color: White   Weight: 7.0 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	0.40A
208V	0.19A
240V	0.17A
277V	0.15A
Input Watts	39W

LED Info

Watts	40W
Color Temp	3500K (Warm Neutral)
Color Accuracy	86 CRI
L70 Lifespan	50,000 Hours
Lumens	5,427 lm
Efficacy	136.7

Technical Specifications

Compliance

UL Listed:
Suitable for damp locations

IESNA LM-79 &lm-80 Testing:
RAB LED luminaires have been tested by an independent laboratory in accordance with IESNAlm-79 andlm-80

California Title 24:
Can be used to conform with the requirements of California Title 24 Part 6.

Trade Agreements Act Compliant:
This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

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: PD1EE0OT
DLC Product Code: PIBVCV41

Electrical

Driver:
Class 2, Constant Current, 120-277V, 50-60Hz,
120V:0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

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

THD:
6.05% at 120V, 7.99% at 277V

Power Factor:
99.7% at 120V, 97.2% at 277V

Performance

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

LED Characteristics

LEDs:
Long-life, high-efficacy, surface-mount LEDs

Color Stability:
LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

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.

Construction

Cold Weather Starting:
The minimum starting temperature is -20°C (-4°F)

Maximum Ambient Temperature:
Suitable for use in up to 50°C (122°F)

Housing:
Sheet metal stamping 24 gauge, cold-rolled steel

Mounting:
Comes standard with surface mounting hardware. Accessories available for suspension hook mounting or J-Box mounting (purchased separately).

Connecting Adaptor:
May link up to 15 fixtures using connecting adaptor included with each fixture for easy installation. Separate connecting plate (order as accessory) recommended for each connection point.

Finish:
Formulated for high durability and long-lasting color

Green Technology:
Mercury and UV free. RoHS-compliant components.

Technical Specifications (continued)

Sensor Specifications

Capacitance Load:
400VA at 120VAC, 800VA at 230VAC, 1000VA at 277VAC

Operating Temperature:
-20°C to +60°C (-4°F to +140°F)

Warming-Up:
20s

Relay:
Zero-cross relay

Operating Frequency:
5.8Ghz +/-75MHz

Transmission Power:
<0.2mW

Detection Range:
Max. 26ft (8m) x 16ft (5m) Diameter x Height

Detection Angle:
30° ⊠ 150°

Sensitivity:
10% / 50% / 75% / 100%

Hold -Time:
5s ⊠ 30min (selectable)

Daylight Threshold:
2 ⊠ 50 lux, disabled

Stand-By Period:
0s ⊠ 1h +∞ (selectable)

Stand-by Dimming Level:
10% / 20% / 30% / 50%

IP Rating:
IP20

Remote Control Accessory:
Adjust settings using remote control (catalog# MVSREM). Only available with 0-10V dimming driver options. Remote control available here.

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:
STRP BPLATE - Bracket plate for mechanically joining fixtures, for runs need one less than fixture quantity. Click here.
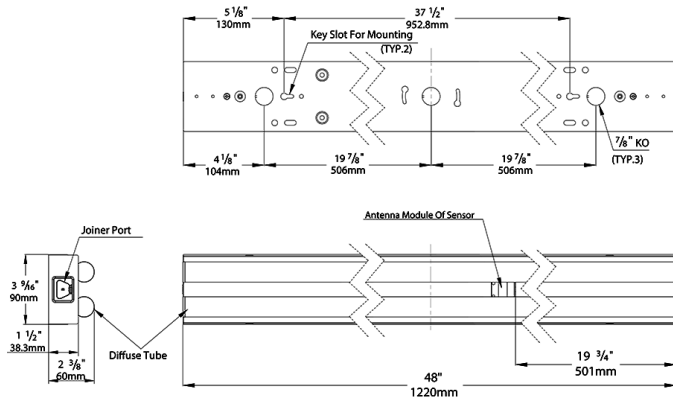**STRP SHOOK** - Suspension "S" hook and 9 1/2" chain. Sold in pairs, need 1 pair for each fixture. Click here.
JBSTRP - White flat cover for junction-box installations, sold individually. Click here.

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.

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RAB

Dimensions

Features

Traditional, fluorescent tube look; energy-saving LED technology

Surface-mount ready; accessories available for junction box or suspended mount

0-10V dimming

50,000-Hour LED lifespan

Ordering Matrix

Family	Length/Wattage		CRI/Color Temp	Voltage	Options
STRP	440	–	835	U	/MVS

	210 = Single tube 2 ft, 10W		**850 =** 5000K Cool, 80 CRI	**U =** 120-277V	**Blank =** No Option
	220 = Double tube 2 ft, 20W		**840 =** 4000K Neutral, 80 CRI		**/MVS =** Microwave Occupancy Sensor Bi-Level Motion Sensor *Available only to STRP440 [1]
	420 = Single tube 4 ft, 20W		**835 =** 3500K Warm Neutral, 80 CRI		**/E2 =** Emergency Backup *Available only to STRP440 [1]
	440 = Double tube 4 ft, 40W				

[1] *Available with the STRP440 only*