



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	40W
120V	0.40A	Color Temp	4000K (Neutral)
208V	0.19A	Color Accuracy	84 CRI
240V	0.17A	L70 Lifespan	50,000 Hours
277V	0.15A	Lumens	5,539 lm
Input Watts	39W	Efficacy	147.6

**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 IESNA lm-79 and lm-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: P0XBIQDU  
DLC Product Code: POL0H1CH

**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:**

5.86% at 120V, 7.63% 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 warranted 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

**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.

**Installation**

**Mounting:**

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

## Technical Specifications (continued)

### Sensor Settings

#### 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° x 150°

#### Sensitivity:

10% / 50% / 75% / 100%

#### Hold -Time:

5s x 30min (selectable)

#### Daylight Threshold:

2 x 50 lux, disabled

#### Stand-By Period:

0s x 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](http://rablighting.com/warranty).

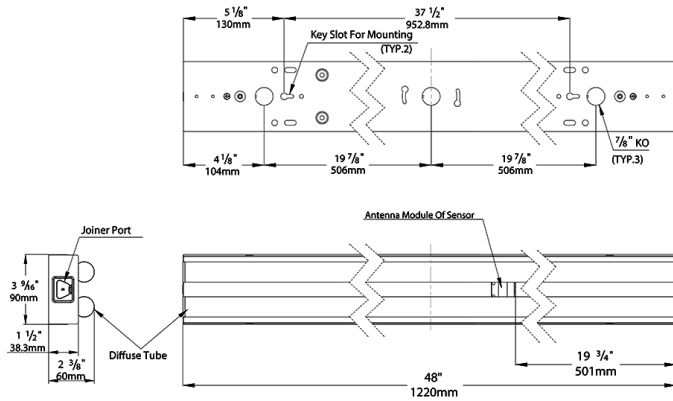
#### Accessories:

**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.](#)

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

<sup>1</sup> Available with the STRP440 only