



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

Color: White

Weight: 4.2 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

| Type        | Constant Current |
|-------------|------------------|
| 120V        | 0.17A            |
| 208V        | 0.10A            |
| 240V        | 0.09A            |
| 277V        | 0.08A            |
| Input Watts | 18.8W            |

LED Info

|                |                      |
|----------------|----------------------|
| Watts          | 20W                  |
| Color Temp     | 3500K (Warm Neutral) |
| Color Accuracy | 85 CRI               |
| L70 Lifespan   | 50,000 Hours         |
| Lumens         | 2,681 lm             |
| Efficacy       | 142.8                |

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

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: PVTQEQTN

Electrical

Driver:

Class 2, Constant Current, 120-277V, 50-60Hz, 120V: 0.17A, 208V: 0.10A, 240V: 0.09A, 277V: 0.08A

Dimming Driver:

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

THD:

8.32% at 120V, 7.5% at 277V

Power Factor:

99.4% at 120V, 93.3% 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

Connecting Adaptor:

May link up to 25 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)

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).

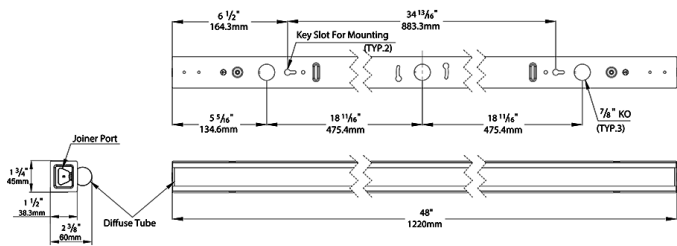
Accessories:

**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                        | 420            | — | 835                              | U            |                                                                |
| 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       |
| 420 = Single tube 4 ft, 20W |                |   | 835 = 3500K Warm Neutral, 80 CRI |              | *Available only to STRP440 <sup>1</sup>                        |
| 440 = Double tube 4 ft, 40W |                |   |                                  |              | /E2 = Emergency Backup *Available only to STRP440 <sup>1</sup> |

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