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

| Driver Info |                         | LED Info       |                   |
|-------------|-------------------------|----------------|-------------------|
| Type        | Constant Current        | Watts          | 20/15/10W         |
| 120V        | 0.08A/0.12A/0.16A/0.17A | Color Temp     | 3500K/4000K/5000K |
| 208V        | 0.06A/0.08A/0.09A/0.10A | Color Accuracy | 83-85 CRI         |
| 240V        | 0.05A/0.07A/0.08A       | L70 Lifespan   | 100,000 Hours     |
| 277V        | 0.04A/0.06A/0.07A       | Lumens         | 1558-3109 lm      |
| Input Watts | 10.4-19.8W              | Efficacy       | 148.4-161.1 lm/W  |

**Technical Specifications**

**Field Adjustability**

**Field Adjustable:**

Field Adjustable Light Output:  
20/15/10W (factory default 20W)  
Color temperature selectable by 3500/4000/5000 (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.

**CCEA Compliant:**

Luminaire Requirements used in Environmental Air Space per the electrical code specification of the City of Chicago

**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: S-B78ZKF

**LED Characteristics**

**LEDs:**

Long-life, high-efficiency, discrete, surface-mount LEDs

**Color Consistency:**

4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

**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.

**Performance**

**Lifespan:**

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

**Electrical**

**Driver:**

Constant Current, Class 2, 120-277V, 50/60 Hz:  
20W: 120V: 0.167A, 208V: 0.096A, 240V: 0.083A, 277V: 0.072A  
15W: 120V: 0.125A, 208V: 0.072A, 240V: 0.063A, 277V: 0.054A  
10W: 120V: 0.083A, 208V: 0.048A, 240V: 0.042A, 277V: 0.036A

**Dimming Driver:**

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

**THD:**

7.74% at 120V, 8.68% at 277V

**Power Factor:**

99.4% at 120V, 95.1% at 277V

**Aux Power Supply:**

Yes

**Dim to Off:**

Yes

**Surge Protection:**

DM: 1 kV  
CM: 2 kV

**Construction**

**Cold Weather Starting:**

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

**Maximum Ambient Temperature:**

Suitable for use in up to 104°F (40°C)

**Lens:**

Polycarbonate lens

**Technical Specifications (continued)****Housing:**

Metal

**Reflector:**

Metal

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

**Finish:**

Formulated for high durability and long-lasting color

**Installation****Mounting:**

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

**Sensor Settings****PIR Sensor Factory Settings:**

Brightness: 100%  
 Hold Time: 1 Minute  
 Daylight: Disabled  
 Sensitivity: 100%  
 Stand-By Dimming Level: 20%  
 Stand-By Time: 1 Minute

**Operating Voltage:**

12 ± 2V DC

**Operating Current:**

30mA

**Output:**

DIM 0-10V

**Stand-By Power:**

&lt;0.5W

**Brightness:**

0%-100%/Quick setting: 70%/80%/90%/100%

**Hold Time:**

10s/1min/10min/30min

**Daylight Threshold:**

10Lux/30Lux/50Lux/100Lux/Disable

**Lux On-Off:**

Adopted dual PD technology. GUS17-PIR is able to differentiate artificial light brightness from natural light after installed inside.

**Stand-By Time:**

1min/30min/60min/+∞

**Stand-By Dimming Level:**

10%/20%/30%/50%

**Detection Angle:**

≤120° (wall mounted) 360° (ceiling mounted)

**Control Line:**

Black White 12V+ ; Purple: DIM+ ; Pink GND/DIM-

**Mounting Height:**

Max 6M (ceiling mounted)

**Detection Range:**

Max 8m (ceiling mounted) Max 6m(wall mounted)

**Operating Temperature:**

-30°C to 60°C (-22°F to 140°F)

**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](http://rablighting.com/warranty).

Ordering Matrix

| Family | Size/Wattage   | Color Temp                             | Finish        | Driver                          | Controls  | Battery Backup                                   |
|--------|--|--|---------------|---------------------------------|---|--|
| STRP   | 4  |  |               |                                 | /PIR  |  |
|        | 2 = 2 ft, 10/8/6W<br>2H = 2 ft, 20/15/10W<br>4 = 4 ft, 20/15/10W<br>4H = 4 ft, 40/30/20W | Blank = 3500/4000/5000K CCT Adjustable | Blank = White | Blank = 120-277V, 0-10V Dimming | Blank = None<br>/MVS = Microwave Occupancy Sensor<br>/PIR = Passive Infrared Occupancy Sensor<br>/LCBS = Lightcloud Blue w/PIR Sensor<br>/LCBS/MVS = Lightcloud Blue w/MVS Sensor | Blank = None<br>/E = Battery Backup <sup>1</sup> |

<sup>1</sup> Only available for 4 ft models