

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

Driver Info		LED Info	
Type	Constant Current	Watts	80W
120V	0.65A	Color Temp	3000/3500/4000K
208V	0.37A	Color Accuracy	94-95 CRI
240V	0.32A	L70 Lifespan	100,000 Hours
277V	0.30A	Lumens	9560-10318 lm
Input Watts	74.9-79W	Efficacy	123.5-135.6 lm/W

**Technical Specifications**

**Field Adjustability**

**Field Adjustable:**

Field Adjustable Light Output:  
 80/40W (factory default 80W)  
 5 Power Preset:  
 100%/0% (Downlight Only)  
 70%/30%  
 60%/40%  
 50%/50  
 ,0%/100% (Uplight Only)  
 Color Temperature Selectable:  
 3000K, 3500K and 4000K (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.

**IP Rating:**

IP20

**Electrical**

**Dimming Driver:**

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

**Surge Protection:**

1 kV L-L 2kV L/N-G

**Continuous Runs:**

Maximum wattage for a continuous run should not exceed 600W

**LED Characteristics**

**LEDs:**

Long-life, high-efficacy, 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.

**Performance**

**Lifespan:**

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

**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)

**Housing:**

Sheet metal and extruded aluminum

**Lens:**

Frosted polycarbonate lens

**Reflector:**

Polyethylene Terephthalate (PET)

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

**Installation**

**Mounting:**

94" of aircraft cable provided with cable grippers for easy adjustment after installation

**Continuous Runs:**

Yes, connect multiple fixtures (up to 600W) end-to-end for continuous illumination.

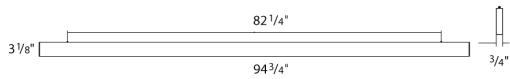
Technical Specifications (continued)

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).

Dimensions



Features

- 100,000-Hour LED lifespan
- 0-10V dimming
- 5-Year, limited warranty

Ordering Matrix

Family	Size/Wattage	Mounting	Color Temp	Lens	Distribution	Finish	Driver
BOAE	8	P			U	B	
	2 = 2 ft, 20W 3 = 3 ft, 30W 4 = 4 ft, 40W 8 = 8 ft, 80W	P = Pendant Mount	Blank = 3000/3500/4000K CCT Adjustable	Blank = Flat Lens	U = Uplight/Downlight	W = White S = Silver B = Black	Blank = 120-277V, 0-10V Dimming