

Project:	Type:
Prepared By:	Date:

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.

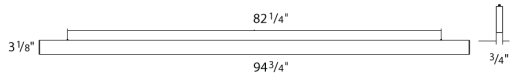
Technical Specifications (continued)

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.

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	S	
	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