

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	80/56/48/40/24W
120V	0.67A/0.49A/0.42A/0.35A/0.20A	Color Temp	3000/3500/4000K
208V	0.39A/0.28A/0.27A/0.24A/0.16A	Color Accuracy	94-95 CRI
240V	0.33A/0.25A/0.24A/0.20A/0.14A	L70 Lifespan	100,000 Hours
277V	0.30A/0.23A/0.20A/0.18A/0.12A	Lumens	3410-10962 lm
Input Watts	23.6-79.8W	Efficacy	134.7-150 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
80/56/48/40/24W (factory default 80W)
Color Temperature Selectable:
3000K, 3500K and 4000K (factory default 3500K)

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 IESIm-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:

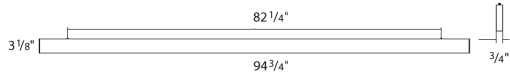
Yes, connect multiple fixtures (up to 600W) end-to-end for continuous illumination.

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				S	
	2 = 2 ft, 20/14/12/10/6W 3 = 3 ft, 30/21/18/15/9W 4 = 4 ft, 40/28/24/20/12W 8 = 8 ft, 80/56/48/40/24W	P = Pendant Mount	Blank = 3000/3500/4000K CCT Adjustable	Blank = Flat Lens	Blank = Downlight	W = White S = Silver B = Black	Blank = 120-277V, 0-10V Dimming