



Upscale design, high-end performance, undeniable value. BOA is designed with proprietary optics that deliver maximum lumens and conceal the LED light sources behind the lens to create a pleasing dimensional illuminance with soft blended beam edges. Mounting hardware included.

Color: Silver

Weight: 26.8 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type	Constant Current
120V	0.56A
208V	0.30A
240V	0.29A
277V	0.26A
Input Watts	68.6W

#### LED Info

Watts	80W
Color Temp	3500K (Warm Neutral)
Color Accuracy	82 CRI
L70 Lifespan	100,000
Lumens	5,487
Efficacy	80 LPW

## Technical Specifications

### Listings

#### UL Listed:

Suitable for damp locations. Recommended for indoor use only.

#### IESNA LM-79 & IESNA 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.

### Electrical

#### Electrical Connection:

Includes 5 conductor 300V rated 12' long electrical cable

#### Dimming Driver:

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

#### Drivers:

120 - 277V, 0 - 10V dimming down to 10%, 93.7% power factor, 1 kV surge protection

### Optical

#### Reflector:

40° reflector

#### Aperture:

2.5"

### Construction

#### Housing:

Precision extruded aluminum

#### Lens:

High-transmission, microprismatic acrylic lens for smooth light distribution and uniformity

#### Finish:

Formulated for high durability and long-lasting color

#### Green Technology:

Mercury and UV free. RoHS-compliant components.

#### Mounting:

12' of aircraft cable provided with cable grippers for easy adjustment after installation

### LED Characteristics

#### LEDs:

Discreet LEDs on PCB board

#### Lifespan:

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

### Color Consistency:

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

### Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5-year period

### Color Uniformity:

RAB's range of CCT (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.

### Other

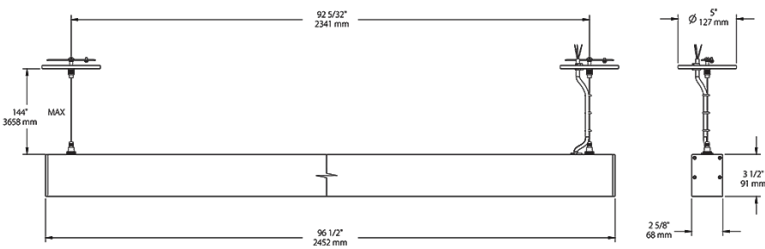
### Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at [www.rablighting.com/legal#warranty](http://www.rablighting.com/legal#warranty)

### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions



Features

- All mounting hardware included:
- 12 foot aircraft cables, ceiling canopies and height adjusting cable grippers.
- 3-step binning for color consistency
- 0-10V dimming standard
- 100,000-Hour LED lifespan

Ordering Matrix

Family	Length	Mounting		Wattage (5W/ft or 10W/ft)		Driver	Optics		Color Temp		Finish	Battery Backup	
BOA	—	8	P	—	80	D10	—	40	—	YN	—	S	
	2 = 2FT	S =			10 = 2FT 5W/FT	D10 = 0-10V		40 = 40		N = 4000K		W =	Blank = No Battery
	4 = 4FT	Surface			20 = 2FT 10W/FT or	Dimming		degrees		Neutral		Matte	Backup
	6 = 6FT	P =			4FT 5W/FT			reflector		YN = 3500K		White	/E2 = Emergency
	8 = 8FT	Pendant			30 = 6FT 5W/FT					Warm Neutral		S =	Battery Backup
	10 =				40 = 4FT 10W/FT or					Y = 3000K		Matte	
	10FT				8FT 5W/FT					Warm		Silver	
	12 =				50 = 10FT 5W/FT							B =	
	12FT				60 = 6FT 10W/FT or							Matte	
					12FT 5W/FT							Black	
					80 = 8FT 10W/FT								
					100 = 10FT 10W/FT								
					120 = 12FT 10W/FT								