### BOA2S-10D10-40N-S



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.

Color: Silver

Suitable for damp locations. Recommended for indoor

independent laboratory in accordance with IESNA LM-

79 and LM-80, and have received the Department of

120 - 277V, 0 - 10V dimming down to 10%, 93.7%

High-transmission, microprismatic acrylic lens for

are formulated for high-durability and long-lasting

color, and contains no VOC or toxic heavy metals.

Our environmentally friendly polyester powder coatings

smooth light distribution and uniformity

**Technical Specifications** 

IESNA LM-79 & LM-80 Testing:

Energy "Lighting Facts" label.

power factor, 1 kV surge protection

RAB LED luminaires have been tested by an

Listings

use only.

Electrical

Drivers:

Optical

**Reflector:** 

40° reflector

Aperture:

Housing:

Lens:

Finish:

Construction

Precision extruded aluminum

2.5"

**UL Listing:** 

### Green Technology:

Weight: 7.1 lbs

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Project:

**Driver Info** 

Type: 120V:

208V:

240\/-

277V:

Input Watts:

Efficiency:

**Prepared By:** 

### Mounting:

For direct ceiling and wall mounting

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 C78.377-2015.

### 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.

## BOA LED Architectural Slot with Dimmable Driver:

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

### California Title 24:

Constant Current

0.08A

0.06A

0.05A

0.05A

9W

N/A

BOA complias with 2013 California Title 24 building and electrical codes as a commercial indoor fixture for general spaces when used with a vacancy sensor and 0-10V dimming control. Select a vacancy sensor using catalog number LVS800. 0-10V dimmer provided by others.

### Country of Origin:

Designed by RAB in New Jersey and assembled in California.

### **Buy American Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act

### **Recovery Act (ARRA) Compliant:**

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

### **Trade Agreements Act Compliant:**

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

### **GSA Schedule:**

Suitable in accordance with FAR Subpart 25.4.

Type:

Date:

10W

83 CRI

754

100,000

80 LPW

4000K (Neutral)

LED Info

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

Watts:

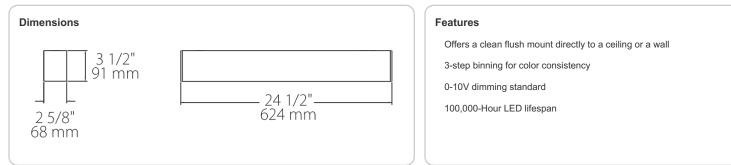
Need help? Tech help line: 888 RAB-1000 Email: sales@rabweb.com Website: www.rabweb.com

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# BOA2S-10D10-40N-S





Ordering Matrix							
Family	Length	Mount	Watts	Dimming	Reflector	Color Temp	Finish
BOA							
	<b>2</b> = 2 ft	S = Surface	<b>10</b> = 10W <b>20</b> = 20W	D10 = Dimmable	<b>40</b> = 40° Reflector	Y = 3000K (Warm) YN = 3500K (Warm Neutral) N = 4000K (Neutral)	B = Blac W = Whit S = Silve