# BOA12S-120D10-40N-S



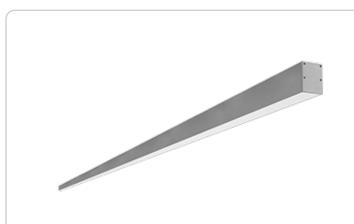
120W

4000K

84 CRI

100000

8,607 84 LPW



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

Weight: 41.0 lbs

# **Technical Specifications**

# Listings

#### **UL Listing:**

Suitable for damp locations. Recommended for indoor use only.

#### IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

#### Electrical

#### Drivers:

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

# **Dimming Driver:**

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

#### 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:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

**Project:** 

**Driver Info** 

Type: 120V:

208V

240\/-

277V:

Input Watts:

Efficiency:

Prepared By:

# Green Technology:

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

# 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 C78.377-2011.

#### Other

Constant Current

0.86A

0.46A

0.42A

0.4A

103W

N/A

#### 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.

Type:

Date:

LED Info

Color Temp:

Color Accuracy:

L70 Lifespan:

Lumens:

Efficacy:

Watts:

# California Title 24:

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:**

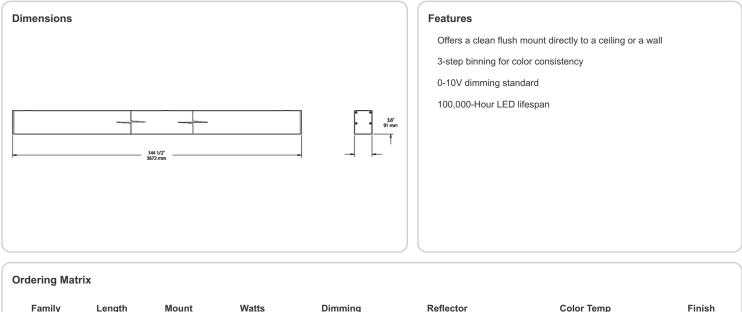
Suitable in accordance with FAR Subpart 25.4.

# **Special Order:**

Available in 6-8 weeks by special request.

# BOA12S-120D10-40N-S





Family	Length	Mount	watts	Dimming	Reflector	Color Temp	Finish
BOA							
	<b>12</b> = 12 ft	S = Surface	<b>60</b> = 60W <b>120</b> = 120W	D10 = Dimmable	40 = 40° Reflector	Y = 3000K (Warm) YN = 3500K (Warm Neutral) N = 4000K (Neutral)	B = Black W = White S = Silver