

# BOA2LED-40N



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. Finishing includes LED, gear tray and lens.

Color: Aluminum

Weight: 1.6 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

### Driver Info

Type:	N/A
120V:	N/A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	0W
Efficiency:	N/A

### LED Info

Watts:	0W
Color Temp:	4000K
Color Accuracy:	84 CRI
L70 Lifespan:	100000
Lumens:	N/A
Efficacy:	N/A

## 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

### Optical

#### Photometrics:

Photometrics are based on prorated reports. Contact the RAB Lighting Design department for the most up-to-date data.

#### Reflector:

40° reflector

#### Aperture:

2.5"

### Construction

#### IC Rating:

Suitable for direct contact with insulation

#### Lens:

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

#### Green Technology:

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

### 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 warranted 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

#### 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.

#### California Title 24:

BOA complies 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.

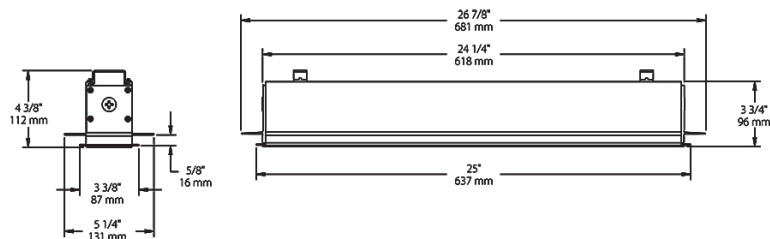
#### GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

#### Recessed Finishing Section:

This Recessed Finishing Section must be ordered with Recessed Rough-In Housing in order to make a complete fixture.

## Dimensions



## Features

- 2 ft. Recessed Linear Slot Finishing includes LED, gear tray and lens
- Offers a trimless design for a seamless appearance
- 3-step binning for color consistency
- 0-10V dimming standard
- 100,000-Hour LED lifespan

## Ordering Matrix

Family	Length	Lamp Type	Reflector	Color Temp
BOA	2 = 2 ft	LED = LED	40 = 40° Reflector	Y = 3000K (Warm) YN = 3500K (Warm Neutral) N = 4000K (Neutral)