BOA12LED-40N

RAB LIGHTING

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 (Neutral)
Color Accuracy:	84 CRI
L70 Lifespan:	100000
Lumens:	N/A
Efficacy:	N/A

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: 12.1 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

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, and RoHS compliant. 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 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.

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.

Recessed Finishing Section:

This Recessed Finishing Section must be ordered with Recessed Rough-In Housing in order to make a complete fixture.
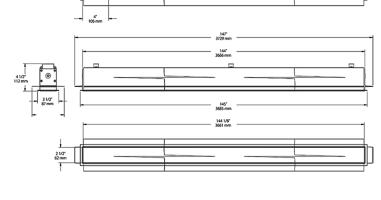
Need help? Tech help line: **888 RAB-1000** Email: **sales@rabweb.com** Website: **www.rabweb.com**

Page 1 of 2

RAB LIGHTING

Dimensions

Ø 3/4" 22 mm
Ø 1/4" 7 mm
4" 106 mm

147" 3729 mm
144" 3666 mm
4 1/2" 112 mm
3 1/2" 87 mm
145" 3685 mm

144 1/8" 3661 mm
2 1/2" 62 mm

Features

12 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				
	12 = 12 ft	**LED** = LED	**40** = 40° Reflector	**Y** = 3000K (Warm)
				YN = 3500K (Warm Neutral)
				N = 4000K (Neutral)