# **BOA12LED-40Y**





Color: Aluminum

Weight: 12.1 lbs

Project:		Туре:	
Prepared By:		Date:	
Driver Info		LED Info	
Туре:	N/A	Watts:	0W
120V:	N/A	Color Temp:	3000K
208V:	N/A	Color Accuracy:	83 CRI
240V:	N/A	L70 Lifespan:	100000
277V:	N/A	Lumens:	N/A
	0W	Efficacy:	N/A
Input Watts:	000		



# **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 upto-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 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

# 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.

# Features

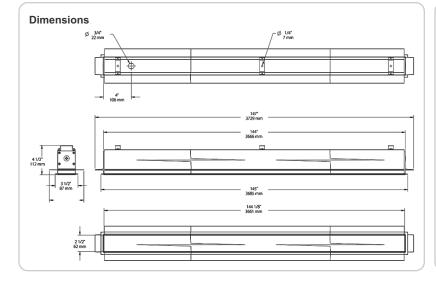
12 ft. Recessed Linear Slot Finishing includes LED, gear tray and lens

Offers a trimless design for a seamless appearance

3-step binning for color consistency

0-10V dimming standard

100,000-Hour LED lifespan



# **BOA12LED-40Y**



Ordering Matrix				
Family	Length	Lamp Type	Reflector	Color Temp
BOA				
	<b>12</b> = 12 ft	LED = LED	<b>40</b> = 40° Reflector	<b>Y</b> = 3000K (Warm) <b>YN</b> = 3500K (Warm Neutral) <b>N</b> = 4000K (Neutral)