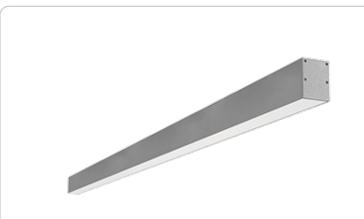
# BOA6S-30D10-40Y-S



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

Weight: 19.4 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

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.

#### Green Technology:

Mercury and UV free, and RoHS compliant. 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 C78.377-2015.

### 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.

Project: Prepared By:		Туре:	
		Date:	
Driver Info		LED Info	
Туре:	Constant Current	Watts:	30W
120V:	0.24A	Color Temp:	3000K (Warm)
208V:	0.18A	Color Accuracy:	86 CRI
240V:	0.16A	L70 Lifespan:	100,000
277V:	0.15A	Lumens:	2,168
Input Watts:	27W	Efficacy:	81 LPW
Efficiency:	N/A		

# 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:

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.

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