BOA2S-10D10-40YN-B





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: Black Weight: 7.1 lbs

| Project: | Туре: |
|--------------|-------|
| Prepared By: | Date: |

| Driver Info | | LED Info | |
|--------------|------------------|-----------------|---------|
| Type: | Constant Current | Watts: | 10W |
| 120V: | A80.0 | Color Temp: | 3500K |
| 208V: | 0.06A | Color Accuracy: | 84 CRI |
| 240V: | 0.05A | L70 Lifespan: | 100,000 |
| 277V: | 0.05A | Lumens: | 731 |
| Input Watts: | 10W | Efficacy: | 76 LPW |
| Efficiency: | 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

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.

Special Order:

Available in 6-8 weeks by special request.

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

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

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:

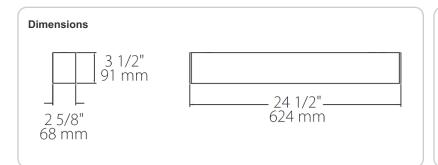
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

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Features

Offers a clean flush mount directly to a ceiling or a wall

3-step binning for color consistency

0-10V dimming standard

100,000-Hour LED lifespan

| Ordering Matrix | | | | | | | | | |
|-----------------|-----------------|-------------|------------------------------------|----------------|---------------------------|--|--------------------------------|--|--|
| Family | Length | Mount | Watts | Dimming | Reflector | Color Temp | Finish | | |
| ВОА | | | | | | | | | |
| | 2 = 2 ft | S = Surface | 10 = 10W 20 = 20W | D10 = Dimmable | 40 = 40° Reflector | Y = 3000K (Warm) YN = 3500K (Warm Neutral) N = 4000K (Neutral) | B = Black W = White S = Silver | | |