



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 illumination with soft blended beam edges. Finishing includes LED, gear tray and lens.

Color: Aluminum

Weight: 1.8 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	N/A

LED Info

Watts	N/A
Color Temp	4000K (Neutral)
Color Accuracy	84 CRI
L70 Lifespan	100,000 Hours
Lumens	N/A
Efficacy	N/A

Technical Specifications

Compliance

UL Listed:

Suitable for damp locations. Recommended for indoor use only.

IESNA LM-79 & lm-80 Testing:

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA lm-79 and lm-80

Construction

IC Rated:

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.

Optical

Reflector:

40° reflector

Aperture:

2.5"

LED Characteristics

LEDs:

Discrete LEDs on PCB board

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 color temperature over a 5-year period

Color Uniformity:

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Other

Recessed Finishing Section:

This Recessed Finishing Section must be ordered with Recessed Rough-In Housing in order to make a complete fixture. [See here for 2 ft Recessed Rough-In.](#)

Buy American Act Compliance:

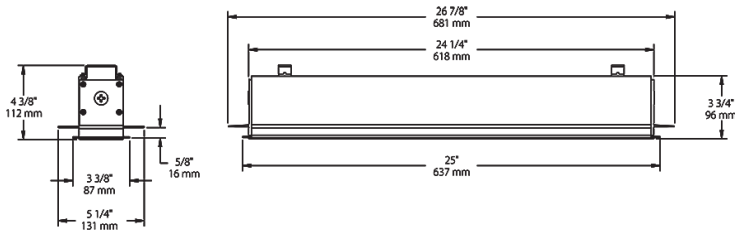
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Electrical

Drivers:

120 - 277V, 0 - 10V dimming down to 10%, 93.7% power factor, 1 kV surge protection

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	LED	Optics	Color Temp
BOA	2	LED	-	LED
	2 = 2 ft	LED = LED	40 = 40° reflector	N = 4000K Neutral YN = 3500K Warm Neutral Y = 3000K Warm
	4 = 4 ft			
	6 = 6 ft			
	8 = 8 ft			
	10 = 10 ft			
	12 = 12 ft			