



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: 4.1 lbs

Project:

Type:

Prepared By:

Date:

#### Driver Info

Type:	N/A	Watts:	0W
120V:	N/A	Color Temp:	3000K (Warm)
208V:	N/A	Color Accuracy:	83 CRI
240V:	N/A	L70 Lifespan:	100,000
277V:	N/A	Lumens:	N/A
Input Watts:	0W	Efficacy:	N/A
Efficiency:	N/A		

#### LED Info

## Technical Specifications

### Listings

#### UL Listing:

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.

### Electrical

#### Drivers:

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

### 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.

### Optical

#### Reflector:

40° reflector

#### Aperture:

2.5"

### 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 C78.377-2017.

### 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. RAB's warranty is subject to all terms and conditions found at

#### Recessed Finishing Section:

This Recessed Finishing Section must be ordered with Recessed Rough-In Housing in order to make a complete fixture.

#### 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.

## Features

4 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	4	LED	40	Y
	2 = 2 ft.	LED = LED	40 = 40° reflector	N = 4000K (Neutral)
	4 = 4 ft.			YN = 3500K (Warm Neutral)
	6 = 6 ft.			Y = 3000K (Warm)
	8 = 8 ft.			
	10 = 10 ft.			
	12 = 12 ft.			