



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: 12.3 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

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 rablighting.com/warranty.

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. [See here for 12 ft Recessed Rough-In.](#)

Buy American Act Compliance:

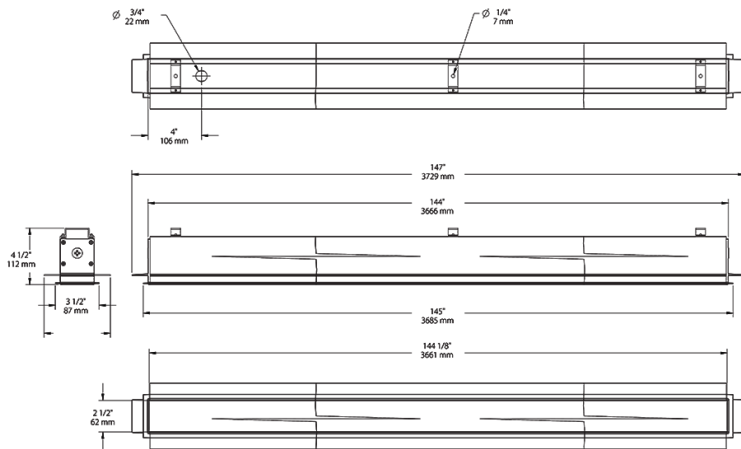
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Electrical

Drivers:

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

Dimensions



Features

- 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

Ordering Matrix

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