BOA4PS

RAB

Project:	Type:
Prepared By:	Date:

Color: Silver | Weight: 4.6 lbs

Driver Info

Type	Constant Current
120V	0.34A
208V	0.20A
240V	0.18A
277V	0.15A
Input Watts	10.6-40W

LED Info

Watts	40W
Color Temp	3000K/3500K/4000K
Color Accuracy	94-95 CRI
L70 Lifespan	50,000 Hours
Lumens	1,333-5,455 lm
Efficacy	125.8-139.8 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
40W/28W/24W/20W/10W (factory default 40W)
Color Temperature Selectable:
3000K, 3500K and 4000K (factory default 4000K)

Compliance

UL Listed:
Suitable for damp locations

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.

DLC Listed:
This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-1IRPU3

Electrical

Driver:
Constant Current, Class 2, 120-277V, 50/60 Hz:
40W: 120V: 0.34A, 208V: 0.20A, 240V: 0.18A, 277V: 0.15A
28W: 120V: 0.25A, 208V: 0.15A, 240V: 0.12A, 277V: 0.11A
24W: 120V: 0.20A, 208V: 0.12A, 240V: 0.10A, 277V: 0.09A
20W: 120V: 0.17A, 208V: 0.10A, 240V: 0.09A, 277V: 0.08A
10W: 120V: 0.09A, 208V: 0.06A, 240V: 0.05A, 277V: 0.04A

Dimming Driver:
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:
9.6% at 120V, 5.32% at 277V

Power Factor:
93.1% at 120V, 99.6% at 277V

Surge Protection:
2kV

Continuous Runs:
Maximum wattage for a continuous run should not exceed 600W

LED Characteristics

LEDs:
Long-life, high-efficacy, surface-mount LEDs

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:
50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Performance Data:
Click here for the BOA4 performance data

Wattage Equivalency:
40W: Replaces up to (3) F32T8
28W: Replaces up to (3) F32T8
24W: Replaces up to (3) F32T8
20W: Replaces up to (1) F32T8
10W: Replaces up to (1) F32T8

Construction

Cold Weather Starting:
The minimum starting temperature is -20°C (-4°F)

BOA4PS

Technical Specifications (continued)

Maximum Ambient Temperature:
Suitable for use in up to 40°C (104°F)

Housing:
Aluminum

Mounting:
94" of aircraft cable provided with cable grippers for easy adjustment after installation

Lens:
Polycarbonate frosted flat lens

Reflector:
Polyethylene Terephthalate (PET)

Finish:
Formulated for high durability and long-lasting color

Green Technology:
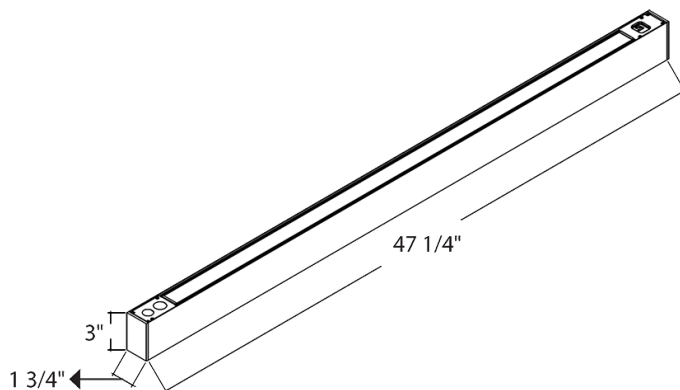Mercury and UV free. RoHS-compliant components.

Other

5 Yr Limited Warranty:
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

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.

Dimensions

47 1/4"

3"

1 3/4"

Features

50,000-Hour LED lifespan

0-10V dimming

5-Year, limited warranty

BOA4PS

Ordering Matrix

Family	Size (Wattages)	Mount	Lens	Light Output	Color Temp	Voltage	Finish	Options
BOA	4	P					S	

	Size (Wattages)	Mount	Lens	Light Output	Color Temp	Voltage	Finish	Options
	4 = 4 ft (40/28/24/20/10W) **8 =** 8 ft (80/56/48/40/20W) **2 =** 2 ft (20/14/12/10/5W)	**P =** Pendant	**Blank =** Flat **L =** Louvers	**Blank =** Downlight	**Blank =** 3000K/3500K/4000K CCT Adjustable	**Blank =** 120-277V, 0-10V Dimming	**B =** Black **S =** Silver **W =** White	**Blank =** No Option **/MVS =** Microwave Occupancy Sensor **/PIR =** Passive Infrared Occupancy Sensor **/LCBS =** Lightcloud Blue Enabled w/PIR Sensor **/LCBS/MVS =** Lightcloud Blue Enabled w/MVS Sensor **/E =** Battery Backup [2] **/MVS/E =** Microwave Occupancy Sensor w/Battery Backup [2] **/PIR/E =** Passive Infrared Occupancy Sensor w/Battery Back Up [2] **/LCBS/E =** Lightcloud Blue Enabled w/PIR Sensor and Battery Backup [2] **/LCBS/MVS/E =** Lightcloud Blue Enabled w/MVS Sensor and Battery Backup [2]

[1] *Only available on 4 ft and 8 ft models only*

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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