BOA4P-20D10-40N-W

RAB | Indoor

Project:	Type:
Prepared By:	**Date:**

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. Mounting hardware included.

Color: White   Weight: 11.7 lbs

Driver Info

Type:	Constant Current
120V:	0.16A
208V:	0.12A
240V:	0.11A
277V:	0.10A
Input Watts:	17W
Efficiency:	N/A

LED Info

Watts:	20W
Color Temp:	4000K (Neutral)
Color Accuracy:	83 CRI
L70 Lifespan:	100,000
Lumens:	1559
Efficacy:	91 LPW

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

Electrical Connection:

Includes 5 conductor 300V rated 12' long electrical cable

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 10%.

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:

Formulated for high-durability and long lasting color

Green Technology:

Mercury and UV-free. RoHS compliant components.

Mounting:

12' of aircraft cable provided with cable grippers for easy adjustment after installation

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

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

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Features

All mounting hardware included:

12 foot aircraft cables, ceiling canopies and height adjusting cable grippers.

3-step binning for color consistency

0-10V dimming standard

100,000-Hour LED lifespan

Ordering Matrix

Family	Length	Mounting	Wattage (5W/ft or 10W/ft)	Driver	Optics	Color Temp	Finish	Battery Backup
BOA	4	P	20	D10	40	N	W	^
	2 = 2FT **4** = 4FT **6** = 6FT **8** = 8FT **10** = 10FT **12** = 12FT	**S** = Surface **P** = Pendant	**10** = 2FT 5W/FT **20** = 2FT 10W/FT or 4FT 5W/FT **30** = 6FT 5W/FT **40** = 4FT 10W/FT or 8FT 5W/FT **50** = 10FT 5W/FT **60** = 6FT 10W/FT or 12FT 5W/FT **80** = 8FT 10W/FT **100** = 10FT 10W/FT **120** = 12FT 10W/FT	**D10** = 0-10V Dimming	**40** = 40 degrees reflector	**N** = 4000K Neutral **YN** = 3500K Warm Neutral **Y** = 3000K Warm	**W** = Matte White **S** = Matte Silver **B** = Matte Black	**Blank** = No Battery Backup **/E2** = Emergency Battery Backup

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