BRG432B



Color: Black

Weight: 74.8 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	1.51A/1.07A/0.90A/0.76A/0.47A
208V	0.87A/0.62A/0.60A/0.53A/0.40A
240V	0.75A/0.54A/0.52A/0.46A/0.35A
277V	0.68A/0.52A/0.45A/0.40A/0.30A
Input Watts	50.6-179.8W

LED Info

Watts	180/126/108/90/54W
Color Temp	3000/3500/4000K
Color Accuracy	92-93 CRI
L70 Lifespan	100,000 Hours
Lumens	6661-22775 lm
Efficacy	123.8-137.4 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
180/126/108/90/54W (factory default 140W)
Color Temperature Selectable:
3000K, 3500K and 4000K (factory default 3500K)

Compliance

UL Listed:
Suitable for dry/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.

IP Rating:
IP20

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.

Electrical

Driver:
Constant Current, Class 2, 120-277V 50/60 Hz:
80W: 120V: 0.67A, 208V: 0.39A, 240V: 0.35A, 277V: 0.31A
56W: 120V: 0.47A, 208V: 0.28A, 240V: 0.25A, 277V: 0.22A
48W: 120V: 0.40A, 208V: 0.24A, 240V: 0.22A, 277V: 0.20A
40W: 120V: 0.34A, 208V: 0.21A, 240V: 0.19A, 277V: 0.17A
25W: 120V: 0.21A, 208V: 0.20A, 240V: 0.19A, 277V: 0.19A

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

Aux Power Supply:
Yes

Dim to Off:
Yes

Surge Protection:
1 kV L-L, 2kV L/N-G

Performance

Lifespan:
100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

Construction

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

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

Housing:
Sheet metal and extruded aluminum

Reflector:
Polyethylene Terephthalate (PET)

Lens:
Frosted polycarbonate lens

Finish:
Formulated for high durability and long-lasting color

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

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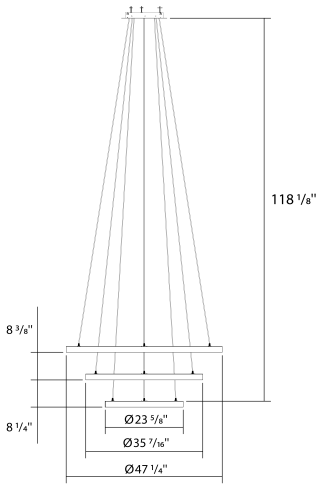
Technical Specifications (continued)

Other

5-Year 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.

Dimensions



Features

- 100,000-Hour LED lifespan
- 0-10V dimming
- 5-Year, limited warranty

Ordering Matrix

Family	Size/Wattage	Color Temp	Distribution	Finish	Driver	Battery Backup
BRG	432			B		
	2 = 2 ft diameter, 40/28/24/20/12W **3 =** 3 ft diameter, 60/40/36/30/18W **4 =** 4 ft diameter, 80/56/48/40/24W **32 =** 2 ft + 3 ft, 100/70/60/50/30W **42 =** 2 ft + 4 ft, 120/84,72,60,36W **43 =** 3 ft + 4 ft, 140/98/84/70/42W **432 =** 2 ft + 3 ft + 4 ft, 180/126/108/90/54W	**Blank =** 3000/3500/4000K CCT Adjustable	**Blank =** Downlight	**W =** White **S =** Silver **B =** Black	**Blank =** 120-277V, 0-10V Dimming	**Blank =** None **/E =** Battery Backup

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