BRG2B/E



Color: Black

Weight: 8.6 lbs

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

Driver Info

Type	Constant Current
120V	0.34A/0.23A/0.21A/0.17A/0.10A
208V	0.20A/0.15A/0.14A/0.12A/0.08A
240V	0.17A/0.13A/0.12A/0.10A/0.07A
277V	0.16A/0.11A/0.10A/0.09A/0.06A
Input Watts	10.9-41.1W

LED Info

Watts	40/28/24/20/12W
Color Temp	3000/3500/4000K
Color Accuracy	92-93 CRI
L70 Lifespan	100,000 Hours
Lumens	1489-5573 lm
Efficacy	132.2-145.2 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
40/28/24/20/12W (factory default 40W)
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:
40W: 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A
28W: 120V: 0.24A, 208V: 0.13A, 240V: 0.13A, 277V: 0.11A
24W: 120V: 0.20A, 208V: 0.12A, 240V: 0.11A, 277V: 0.10A
20W: 120V: 0.17A, 208V: 0.10A, 240V: 0.09A, 277V: 0.09A
12W: 120V: 0.10A, 208V: 0.07A, 240V: 0.06A, 277V: 0.06A

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 32°F/0°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)

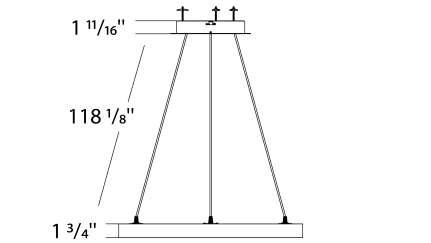
Emergency Characteristics

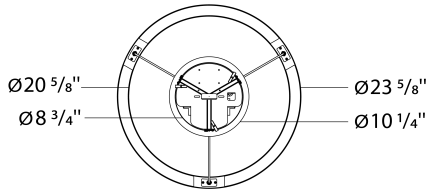
Battery Backup:
Battery backup will operate the LED Lamp for 90 minutes if power fails. Wired for 120V-277V.

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	2			B		/E
	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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