BRG42UB



Color: Black

Weight: 40.7 lbs

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

Driver Info

Type	Constant Current
120V	1.00A
208V	0.58A
240V	0.50A
277V	0.45A
Input Watts	116.2-119.7W

LED Info

Watts	120W
Color Temp	3000/3500/4000K
Color Accuracy	92-93 CRI
L70 Lifespan	100,000 Hours
Lumens	15464-15763 lm
Efficacy	129.4-135.7 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:
Field Adjustable Light Output:
120W
5 Power Preset:
100%/0% (Downlight Only)
70%/30%
60%/40%
50%/50%
0%/100% (Uplight Only)
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

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

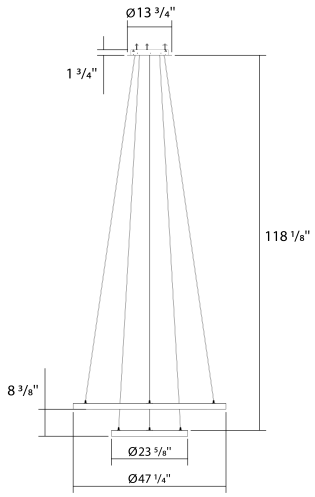
Green Technology:
Mercury and UV free. RoHS-compliant components.

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.

Copyright © 2026 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice

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	42		U	B		
	2 = 2 ft diameter, 40W **3 =** 3 ft diameter, 60W **4 =** 4 ft diameter, 80W **32 =** 2 ft + 3 ft, 100W **42 =** 2 ft + 4 ft, 120W **43 =** 3 ft + 4 ft, 140W **432 =** 2 ft + 3 ft + 4 ft, 180W	**Blank =** 3000/3500/4000K CCT Adjustable	**U =** Uplight/Dowlight	**W =** White **S =** Silver **B =** Black	**Blank =** 120-277V, 0-10V Dimming	**Blank =** None **/E =** Battery Backup

Copyright © 2026 RAB Lighting All Rights Reserved Note: Specifications are subject to change at any time without notice