



Color: Silver

Weight: 8.6 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

LED Info

|             |                               |                |                  |
|-------------|-------------------------------|----------------|------------------|
| Type        | Constant Current              | Watts          | 40/28/24/20/12W  |
| 120V        | 0.34A/0.23A/0.21A/0.17A/0.10A | Color Temp     | 3000/3500/4000K  |
| 208V        | 0.20A/0.15A/0.14A/0.12A/0.08A | Color Accuracy | 92-93 CRI        |
| 240V        | 0.17A/0.13A/0.12A/0.10A/0.07A | L70 Lifespan   | 100,000 Hours    |
| 277V        | 0.16A/0.11A/0.10A/0.09A/0.06A | Lumens         | 1489-5573 lm     |
| Input Watts | 10.9-41.1W                    | 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

Battery Backup:

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

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.

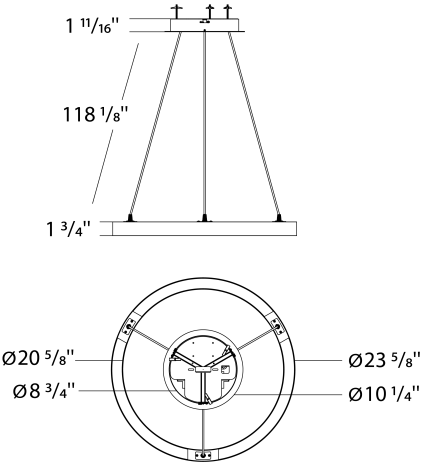
Technical Specifications (continued)

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](http://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            |                                           |                   | S                                    |                                    | /E                                  |
| 2 = 2 ft diameter, 40/28/24/20/12W<br>3 = 3 ft diameter, 60/40/36/30/18W<br>4 = 4 ft diameter, 80/56/48/40/24W<br>32 = 2 ft + 3 ft, 100/70/60/50/30W<br>42 = 2 ft + 4 ft, 120/84/72/60/36W<br>43 = 3 ft + 4 ft, 140/98/84/70/42W<br>432 = 2 ft + 3 ft + 4 ft,<br>180/126/108/90/54W |              | Blank = 3000/3500/4000K CCT<br>Adjustable | Blank = Downlight | W = White<br>S = Silver<br>B = Black | Blank = 120-277V,<br>0-10V Dimming | Blank = None<br>/E = Battery Backup |