



Color: Black

Weight: 13.2 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

|             |                   |
|-------------|-------------------|
| Type        | Constant Current  |
| 120V        | 0.19A/0.15A/0.11A |
| 208V        | 0.12A/0.10A/0.08A |
| 240V        | 0.11A/0.09A/0.07A |
| 277V        | 0.09A/0.07A/0.06A |
| Input Watts | 13.8-23.6W        |

LED Info

|                |                  |
|----------------|------------------|
| Watts          | 24/19/14W        |
| Color Temp     | 3000/4000/5000K  |
| Color Accuracy | 72-75 CRI        |
| L70 Lifespan   | 50,000 Hours     |
| Lumens         | 2050-3591 lm     |
| Efficacy       | 146.5-154.1 lm/W |

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:  
24W/19W/14W (factory default 24W)  
Color temperature selectable by 5000K, 4000K and 3000K (factory default 4000K)

Compliance

UL Listed:

Suitable for wet 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:

Ingress protection rating of IP65 for dust and water

Electrical

Driver:

Constant Current, Class 2, Class P, 120-277V, 50/60 Hz  
24W: 120V: 0.20A, 208V: 0.12A, 240V: 0.10A, 277V: 0.09A  
19W: 120V: 0.16A, 208V: 0.10A, 240V: 0.08A, 277V: 0.07A  
14W: 120V: 0.12A, 208V: 0.07A, 240V: 0.06A, 277V: 0.05A

Dimming Driver:

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

THD:

4.89% at 120V, 9.32% at 277V

Power Factor:

99.3% at 120V, 95.5% at 277V

Photocell:

Integrated photocell included with on/off switch

Surge Protection:

4 kV

Performance

Lifespan:

50,000-Hour LED lifespan based on IESIm-80 results and TM-21 calculations

LED Characteristics

LEDs:

Long-life, high-efficiency, 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.

Construction

Cold Weather Starting:

The minimum starting temperature is -40°F (-40°C)

Maximum Ambient Temperature w/Battery Backup:

Suitable for use in up to 122°F ( 50°C)

Housing:

Die-cast aluminum

Lens:

Polycarbonate lens

Top (Head):

Y Hat

Shape:

Round

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Technical Specifications (continued)

Installation

Mounting:

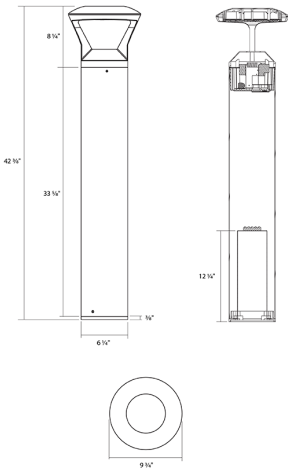
3 (Three) anchors for round version B17 and B17D. 4 (Four) anchors bolts for square version B17S. Internal base doesn't have leveling screws.

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

- 50,000-Hour LED lifespan
- DLC Premium Listed
- 0-10V dimming, standard
- 5-Year, limited warranty

Ordering Matrix

| Family | Shape                       | Wattage                      | Color Temp                             | Top (Head)                                                                                      | Finish                                   | Driver                          | Controls                            | Battery Backup                      |
|--------|-----------------------------|------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------------|-------------------------------------|-------------------------------------|
| B17    |                             |                              |                                        | H                                                                                               | B                                        |                                 |                                     |                                     |
|        | Blank = Round<br>S = Square | Blank = 24/19/13W Adjustable | Blank = 3000/4000/5000K CCT Adjustable | Blank = Flat Top (Round & Square)<br>D = Dome (Round Only)<br>H = Y Hat Top<br>M = Mushroom Top | Blank = Bronze<br>W = White<br>B = Black | Blank = 120-277V, 0-10V Dimming | Blank = Integrated On/Off Photocell | Blank = None<br>/E = Battery Backup |