

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	24/19/14W
120V	0.20A/0.16A/0.12A	Color Temp	3000/4000/5000K
208V	0.12A/0.10A/0.07A	Color Accuracy	72-75 CRI
240V	0.10A/0.08A/0.06A	L70 Lifespan	50,000 Hours
277V	0.09A/0.07A/0.05A	Lumens	1,725-3,120 lm
Input Watts	24/19/14W	Efficacy	130-141.3 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

DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

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:

5.18% at 120V, 8.93% at 277V

Power Factor:

99.3% at 120V, 95.7% at 277V

Battery Backup:

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

Battery Backup Light Loss Factor:

Square:
24W: 21.90%
19W: 28.39%
14W: 39.71%

Photocell:

Integrated photocell included with on/off switch

Surge Protection:

4 kV

Performance

Lifespan:

50,000-Hour LED lifespan based on IESlm-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 32°F/0°C Ambient Temperature

Maximum Ambient Temperature:

Suitable for use in up to 113°F (45°C)

Housing:

Die-cast aluminum

Technical Specifications (continued)

Lens:

Polycarbonate lens

Reflector:

Aluminum

Top (Head):

Flat top

Shape:

Square

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

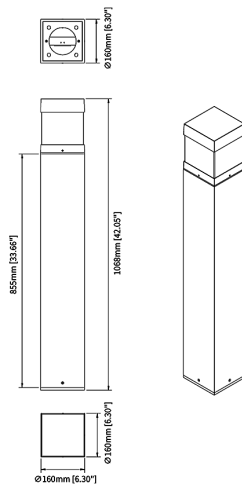
3 (Three) anchors for round version B17 and B17D. 4 (Four) anchors bolts for square version B17S. Internal base doesn't have leveling screws.

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.

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	S				W			/E
	Blank = Round S = Square	Blank = 24/19/13W Adjustable	Blank = 3000/4000/5000K CCT Adjustable	Blank = Flat Top (Round & Square) D = Dome (Round Only) H = Y Hat Top M = Mushroom Top	Blank = Bronze W = White B = Black	Blank = 120-277V, 0-10V Dimming	Blank = Integrated On/Off Photocell	Blank = None /E = Battery Backup