B17MB/E



Color: Black

Weight: 14.1 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	1875-3280 lm
Efficacy	133.9-141.3 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

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

Emergency Characteristics

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

Battery Backup Light Loss Factor:
Round:
24W: 21.96%
19W: 28.51%
14W: 39.78%

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

Lens:
Polycarbonate lens

Top (Head):
Mushroom

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Technical Specifications (continued)

Shape:
Round

Finish:
Formulated for high durability and long-lasting color

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

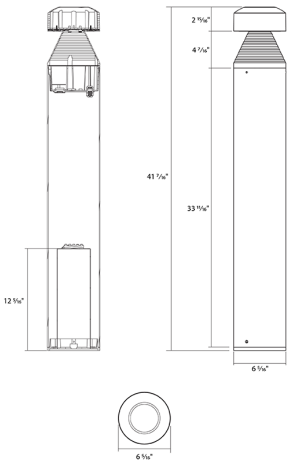
Installation

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				M	B			/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

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