B17B



Color: Black

Weight: 13.1 lbs

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

Driver Info

Type	Constant Current
120V	0.20A/0.16A/0.12A
208V	0.12A/0.10A/0.07A
240V	0.10A/0.08A/0.06A
277V	0.09A/0.07A/0.05A
Input Watts	24/19/14W

LED Info

Watts	24/19/14W
Color Temp	3000K/4000K/5000K
Color Accuracy	72-75 CRI
L70 Lifespan	50,000 Hours
Lumens	1,959-3,409 lm
Efficacy	143.9-156.1 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

DLC Listed:
This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: S-IBM8NU

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:
4kV

Performance

Lifespan:
50,000-Hour LED lifespan based on IES LM-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°C (-40°F)

Maximum Ambient Temperature:
Suitable for use in up to 45°C (113°F)

Housing:
Die-cast aluminum

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.

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Technical Specifications (continued)

Lens:
Polycarbonate lens

Reflector:
Aluminum

Top (Head):
Flat top

Shape:
Round

Finish:
Formulated for high durability and long-lasting color

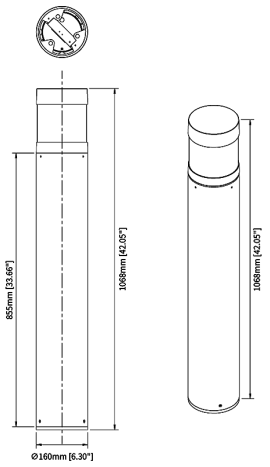
Green Technology:
Mercury and UV free. RoHS-compliant components.

Other

5 Yr 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.

Buy American Act Compliance:
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions



Features

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

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Ordering Matrix

Family	Shape	Wattage	Color Temp	Voltage	Top (Head)	Finish	Options
B17						B	
	Blank = Round **S =** Square	**Blank =** 24/19/13W Adjustable	**Blank =** 3000K/4000K/5000K CCT Adjustable	**Blank =** 120-277V, 0-10V Dimming	**Blank =** Flat Top (Round & Square) **D =** Dome (Round Only)	**Blank =** Bronze **W =** White **B =** Black	**Blank =** Integrated On/Off Photocell (Standard)

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