

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	3000K/4000K/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	1,959-3,409 lm
Input Watts	24/19/14W	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

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.

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

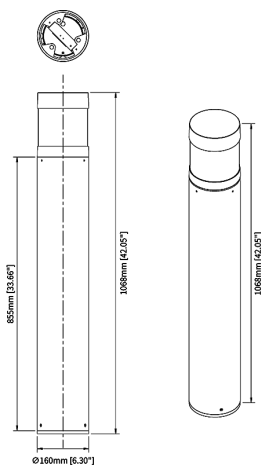
5 Yr Limited Warranty:

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

Ordering Matrix

Family	Shape	Wattage	Color Temp	Voltage	Top (Head)	Finish	Options
B17						W	
	Blank = Round S = Square	Blank = 24/19/13W Selectable	Blank = 3000K/4000K/5000K Selectable	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)