

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	160/130/100W
120V	1.40A/1.20A/0.95A	Color Temp	3500/4000/5000K
208V	0.80A/0.70A/0.55A	Color Accuracy	84-85 CRI
240V	0.70A/0.60A/0.50A	L70 Lifespan	100,000 Hours
277V	0.65A/0.55A/0.50A	Lumens	14,460-23,224 lm
Input Watts	95-160.4W	Efficacy	133.9-163.3 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
160W/130W/100W (factory default 160W)
Color temperature selectable by 3500K, 4000K and 5000K (factory default 4000K)

Optical Field Adjustability:

55°, 85°, and 105° (factory default 85°)

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.

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-BKXYSB

LED Characteristics

LEDs:

Long-life, high-efficacy, discrete, 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.

Performance

Lifespan:

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

Electrical

Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz:
160W: 120V: 1.40A, 208V: 0.80A, 240V: 0.70A, 277V: 0.65A
130W: 120V: 1.20A, 208V: 0.70A, 240V: 0.60A, 277V: 0.55A
100W: 120V: 0.95A, 208V: 0.55A, 240V: 0.50A, 277V: 0.50A

Dimming Driver:

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

THD:

4.93% at 120V, 7.92% at 277V

Power Factor:

99.8% at 120V, 96.6% at 277V

Aux Power Supply:

Yes

Dim to Off:

Yes

Surge Protection:

6 kV + 6 kV

Construction

Cold Weather Starting:

The minimum starting temperature is -4°F (-20°C)

Maximum Ambient Temperature:

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

Lens:

Polycarbonate lens

Housing:

Die-cast aluminum

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Technical Specifications (continued)

Other

IP Rating:

Ingress protection rating of IP66 & IP69K for high-pressure and high temperature cleaning

5-Year Limited Warranty:

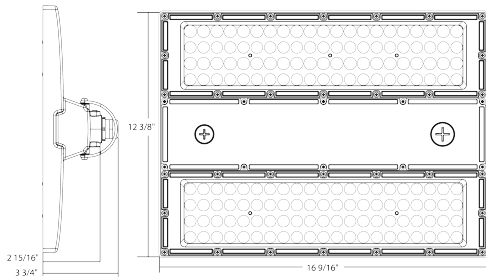
The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Installation

Mounting:

Comes standard with V-hooks for chain mounting. Accessories available for pendant and surface mounting (purchased separately).

Dimensions



Features

- 100,000-Hour LED lifespan
- DLC Premium Listed
- 0-10V dimming, standard
- 5-Year, limited warranty

Ordering Matrix

Family	Wattage	Color Temp	Distribution	Finish	Driver
RBAY22	S				
	S = 160/130/100W M = 260/220/160W L = 320/260/200W	Blank = 3500/4000/5000K CCT Adjustable	Blank = 55°/85°/105° Adjustable Beam Angle	Blank = White	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming