



Color: Bronze

Weight: 13.0 lbs

Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant	Watts	150/125/100/75W
120V	1.50A	Color Temp	3000/4000/5000K
208V	0.80A	Color Accuracy	83-85 CRI
240V	0.70A	L70 Lifespan	100,000 Hours
277V	0.60A	Lumens	10,103-20,920 lm
Input Watts	74.5-147.2W	Efficacy	121.5-161.6 lm/W

Technical Specifications

Field Adjustability

Cutoff Adjustability:

45°, 30°, 15° and 0° (factory default 45°)

Field Adjustable:

Field Adjustable Light Output:

150W/125W/100W/75W (factory default 150W)

Color temperature selectable 3000K, 4000K and 5000K (factory default 4000K)

Compliance

UL Listed:

Suitable for wet locations

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 1, 120-277V, 50/60 Hz:
150W: 120V: 1.50A, 208V: 0.80A, 240V: 0.70A, 277V: 0.60A

125W: 120V: 1.05A, 208V: 0.60A, 240V: 0.52A, 277V: 0.46A

100W: 120V: 0.83A, 208V: 0.48A, 240V: 0.42A, 277V: 0.36A

75W: 120V: 0.63A, 208V: 0.36A, 240V: 0.32A, 277V: 0.27A

Dimming Driver:

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

Photocell:

Integrated photocell included with on/off switch

Battery Backup:

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

Battery Backup Light Loss Factor:

150W: 0.13

125W: 0.15

100W: 0.2

75W: 0.24

Surge Protection:

DM 4 kV+ CM 6 kV

Performance

Lifespan:

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

Performance Data:

[Click here for the W22-L-150 performance data](#)

Wattage Equivalency:

150W: Replaces up to 750W Metal Halide (MH) or 400W High Pressure Sodium (HPS)

125W: Replaces up to 400W Metal Halide (MH) or 400W High Pressure Sodium (HPS)

100W: Replaces up to 400W Metal Halide (MH) or 310W High Pressure Sodium (HPS)

75W: Replaces up to 350W Metal Halide (MH) or 250W High Pressure Sodium (HPS)

LED Characteristics

LEDs:

Long-life, high-efficacy, 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.

Technical Specifications (continued)

Construction

Housing:

Die-cast aluminum

Lens:

Glass

Reflector:

Aluminum

Cold Weather Starting:

The minimum starting temperature is 32°F/0°C

Ambient Temperature

Maximum Ambient Temperature:

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

Green Technology:

Mercury and UV free. RoHS-compliant components.

Finish:

Formulated for high durability and long-lasting color

Installation

Mounting:

Surface mount for recessed junction box; 3 conduit entry points

Optical

BUG Rating:

150W: B3 U5 G5

125W: B3 U5 G5

100W: B3 U5 G5

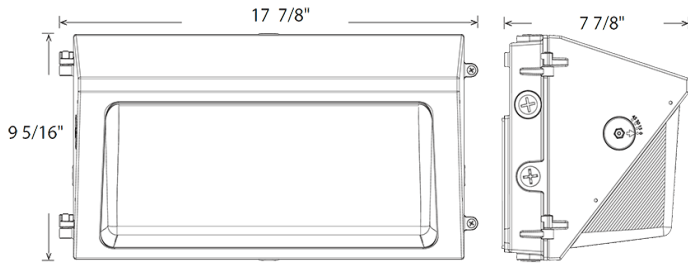
75W: B2 U4 G5

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

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

Ordering Matrix

Family	Housing Size	Wattage	Color Temp	Finish	Forward Throw	Driver	Controls	Battery Backup
W22	L	150						/E
	M = Medium L = Large S = Small	30 = 30/25/20/15W ¹ 60 = 60/50/40/30W ² 100 = 100/85/70/50W ² 150 = 150/125/100/75W ³	Blank = 3000/4000/5000K Adjustable	Blank = Bronze W = White	Blank = Adjustable Throw 0°/15°/30°/45°	Blank = 120-277V /480 = 480V	Blank = Selectable Photocell /LCBS/MVS = Selectable Photocell w/Lightcloud Blue MVS Sensor	Blank = None /E = Battery Backup

¹ S (Small) models only

² M (Medium) models only

³ L (Large) models only

⁴ Battery backup available only on M (Medium) and L (Large) models with 120-277V