



<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

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 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-RDTJRQ

### 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

#### Surge Protection:

DM 4KV+ CM 6KV

### Performance

#### Lifespan:

100,000-Hour LED lifespan based on IES LM-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.

### Construction

#### Housing:

Die-cast aluminum

#### Lens:

Glass

#### Reflector:

Aluminum

## Technical Specifications (continued)

### Cold Weather Starting:

The minimum starting temperature is -40°C (-40°F)

### Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

### 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

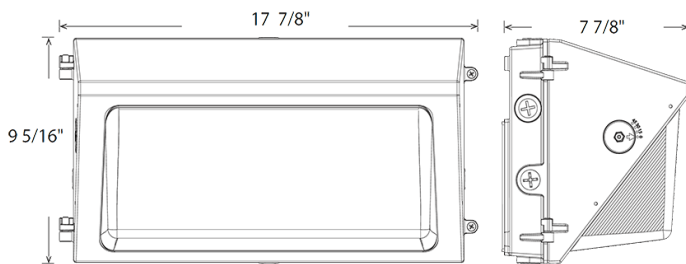
75W: B2 U4 G5

## Other

### 5 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](http://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	Options
W22	L	150		W			
	S = Small M = Medium L = Large	30 = 30/25/20/15W <sup>1</sup> 60 = 60/50/40/30W <sup>2</sup> 100 = 100/85/70/50W <sup>2</sup> 150 = 150/125/100/75W <sup>3</sup>	Blank = 3000/4000/5000K Adjustable	Blank = Bronze W = White	Blank = Adjustable Throw 0°/15°/30°/45°	Blank = 120-277V /480 = 480V	Blank = Selectable Photocell /E = Selectable Photocell w/Battery Backup <sup>4</sup>

<sup>1</sup> S (Small) models only

<sup>2</sup> M (Medium) models only

<sup>3</sup> L (Large) models only

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