



Color: White

Weight: 9.5 lbs

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

Driver Info		LED Info	
Type	Constant	Watts	100/85/70/50W
120V	0.83A	Color Temp	3000K/4000K/5000K
208V	0.48A	Color	82-85 CRI
240V	0.42A	Accuracy	
277V	0.36A	L70 Lifespan	100,000 Hours
Input Watts	49.1-97.1W	Lumens	6,170-14,087 lm
		Efficacy	116.5-159.2 lm/W

## Technical Specifications

### Field Adjustability

#### Cutoff Adjustability:

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

#### Field Adjustable:

Field Adjustable Light Output:

100W/85W/70W/50W (factory default 100W)

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-LMFD7M

### Electrical

#### Driver:

Constant Current, Class 1, 120-277V, 50/60 Hz:

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

85W: 120V: 0.72A, 208V: 0.41A, 240V: 0.36A, 277V: 0.31

70W: 120V: 0.60A, 208V: 0.34A, 240V: 0.30A, 277V: 0.26A

50W: 120V: 0.41A, 208V: 0.24A, 240V: 0.21A, 277V: 0.19A

#### 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-M-100 performance data](#)

### Wattage Equivalency:

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

85W: Replaces up to 400W Metal Halide (MH) or 250W High Pressure Sodium (HPS)

70W: Replaces up to 350W Metal Halide (MH) or 200W High Pressure Sodium (HPS)

50W: Replaces up to 250W Metal Halide (MH) or 200W 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

#### Mounting:

Surface mount for recessed junction box; 3 conduit entry points

#### Lens:

Glass

## Technical Specifications (continued)

**Reflector:**

Aluminum

**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

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**Optical****BUG Rating:**

100W: B3 U5 G5

85W: B2 U4 G5

70W: B2 U4 G5

50W: B2 U4 G4

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**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).

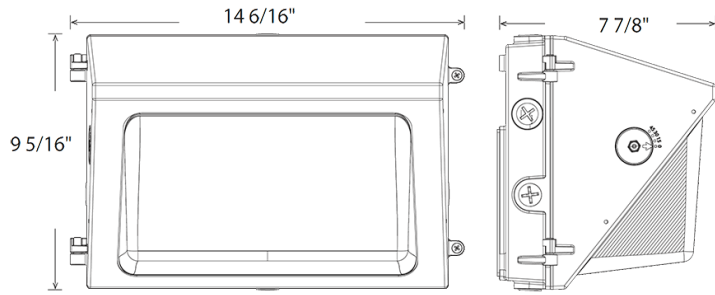
**Note:**

All values are typical (tolerance +/- 10%)

**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

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

## Ordering Matrix

Family	Housing Size	Wattage	Color Temp	Finish	Forward Throw	Voltage	Options
W22	M	100		W			
	S = Small M = Medium L = Large	30 = 30/25/20/15W 60 = 60/50/40/30W 100 = 100/85/70/50W 150 = 150/125/100/75W	Blank = 3000K/4000K/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