



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

Driver Info		LED Info	
Type	Constant	Watts	130/100/65W
120V	1.10A/0.84A/0.55A	Color Temp	3000/4000/5000K
208V	0.63A/0.48A/0.32A	Color Accuracy	83-86 CRI
240V	0.55A/0.42A/0.27A	L70 Lifespan	100,000 Hours
277V	0.48A/0.37A/0.26A	Lumens	9,509-18,635 lm
Input Watts	64.2-131.2W	Efficacy	130-156.4 lm/W

**Technical Specifications**

**Field Adjustability**

**Field Adjustable:**

Field Adjustable Light Output: 130W/100W/65W (factory default 130W)  
Color temperature selectable 3000K, 4000K and 5000K (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 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](http://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  
130W: 120V: 1.10A 208V: 0.63A, 240V: 0.55A, 277V: 0.48A  
100W: 120V: 0.84A 208V: 0.48A, 240V: 0.42A, 277V: 0.37A  
65W: 120V: 0.55A 208V: 0.32A, 240V: 0.27A, 277V: 0.26A

**Dimming Driver:**

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

**THD:**

130W: 4.08% at 120V, 7.17% at 277V  
100W: 4.35% at 120V, 8.89% at 277V  
65W: 5.11% at 120V, 12.15% at 277V

**Power Factor:**

130W: 99.8% at 120V, 95.9% at 277V  
100W: 99.7% at 120V, 93.7% at 277V  
65W: 99.3% at 120V, 87% at 277V

**Photocell:**

Integrated photocell included with on/off switch

**Surge Protection:**

6 kV

**Battery Backup:**

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

**Battery Backup Light Loss Factor:**

0.08

**Performance**

**Lifespan:**

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

**Wattage Equivalency:**

130W: 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)  
65W: Replaces up to 350W 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.

## Technical Specifications (continued)

### Construction

**Housing:**

Aluminum alloy

**Lens:**

Prismatic, heat-resistant borosilicate glass

**Reflector:**

Aluminum

**Gaskets:**

High-temperature silicone

**Cold Weather Starting:**

The minimum starting temperature is 1°C (33.8°F)

**Maximum Ambient Temperature:**

Suitable for use in up to 140°F(60°C)

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

**Finish:**

Formulated for high durability and long-lasting color

### Installation

**Mounting:**

Hinged wiring access and conduit entries on the back sides, top and bottom make installation a snap

### Sensor Settings

**Microwave Motion Sensor:**

Microwave based technology occupancy sensor that automatically affect the operation of lighting equipment based upon detecting the presence or absence of people in a space.

**Factory Settings:**

Brightness: 100%

Hold Time: 20 Minutes

Daylight: Disabled

Sensitivity: 100%

Stand-by dimming level: 20%

Stand-by time: 1 Minute

**Remote Control:**

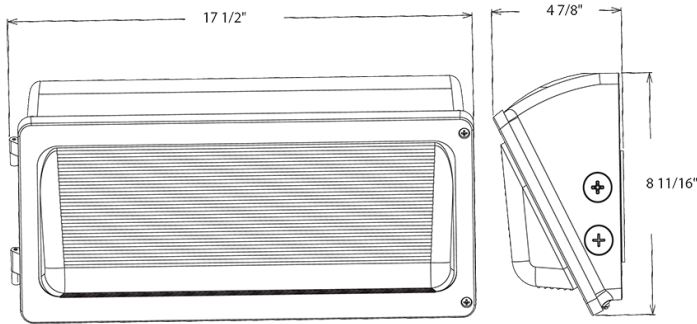
Adjust settings using remote control (catalog# MSR1). Only available with 0-10V dimming driver options. [Remote control available here.](#)

### Other

**10-Year, No-Compromise Warranty:**

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture 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
- 10-Year, no-compromise warranty

**Ordering Matrix**

Family	Wattage	Color Temp	Finish	Driver	Options
WPX	3		W		/MVS/E
	1 = 30/20/15W 2 = 80/60/40W 3 = 130/100/65W	Blank = 3000/4000/5000K Adjustable	Blank = Bronze W = White	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = Selectable On/Off Photocell /MVS = Microwave Motion Sensor /LC = Lightcloud /LCB = Lightcloud Blue /LCBS/MVS = Lightcloud Blue w/MVS Sensor /E = Battery Backup <sup>2</sup> /MVS/E = Microwave Motion Sensor w/Battery Backup <sup>2</sup> /LC/E = Lightcloud w/Battery Backup <sup>2</sup>

<sup>1</sup> 480V available only in WPX2 and WPX3 models  
<sup>2</sup> Battery backup available only for WPX2 and WPX3 in 120-277V models