PARAMOUNT INDUSTRIAL LIGHTING

# VRSW9 Series

# *Vandal Resistant*

## Stair Light, Surface Mount

### APPLICATIONS:

- Garage & Canopy
- Industrial & Commercial
- Transit & Municipal
- Education, Healthcare, Sports and Recreation
- Stairwells and Stairways

### FEATURES:

- ETL/cETL Listed Indoor Damp or Dry Location
- Special hinge requiring a single screw for easy install
- 0-10V Dimming, 1% Standard
- Field tuneable sensor control and Bluetooth® optional
- Designed for IP43
- IK10 Impact rating
- 1.5G Vibration Test rating
- Every luminaire tested to assure customer satisfaction
- Lifetime Vandal Resistance Warranty
- 10-Year limited warranty

## SPECIFICATIONS

### HOUSING:
Constructed of nominal 18GA (0.048") zinc coated steel and heavy wall die-cast endcaps for unmatched corrosion protection. Endcaps allow for 1/2 inch NPT K/O for wireway access options. Multiple lengths in 1 FT, 2 FT, 3 FT, and 4 FT available.

### FINISH:
Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm Minutes, 3000 hours salt spray test (ASTM B117) AAMA 2603 specification with optional AAMA 2604.

### LENS:
High impact IK10 rated, 0.125" ribbed-extruded design, optical grade, semi-translucent polycarbonate with a high efficacy diffusion optic allows a Lambertian distribution (110° beam) of +120LPW.

### LENS FRAME:
Exclusively designed, heavy duty tooled, 18GA (0.048") zinc coated steel is used to discretely hold the lens frame tightly to the housing.

### REFLECTOR:
Painted with a minimum reflectance of 88%.

### DIMMING:
0-10V Dimming, 1% Standard. Optional Field Adjustable Ultra Sonic Sensor which adjusts with dip switch. Sensor allows for adjustments to light output (50%, 25%, 10% Off), motion sensitivity (13 ft (4.0 m) / 18 ft (5.5m) / 35 ft (10.7 m)), time between sensing and non-sensing cycles (1, 5, and 20 minutes), and Photocell for daylight sensing. Dip switch access is in front of luminaire is protected by a removable dust cap during normal operation. Factory installed and connected to 0-10V leads on LED driver and Power pack with Relay Control cuts power off to luminaire for power harvesting. Bluetooth® option pairs with Android or iOS mobile application (PacWave Sensor).

### ELECTRICAL:
High efficiency LED/Driver combination delivers +120 lm/W with multiple Power options for each length housing. Equipped with 80+ CRI LED Source with CCT options in 3000K, 3500K, 4000K, and 5000K. THD <10%@120V, <15%@277V, PF> 0.95.

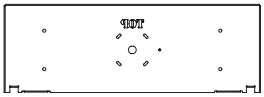
### MOUNTING:
Easy to install, ceiling or wall mount. Optional conduit surface mounts. See ordering options for more details.

### OPERATING TEMPERATURE:
-20° to 45°C (-4° to 113°F)

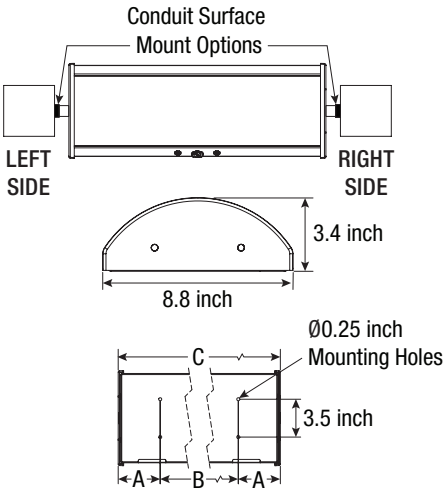
### LIFETIME VANDAL RESISTANCE WARRANTY:
Paramount will repair any luminaire damaged due to vandalism for the lifetime of the luminaire installation.

### WARRANTY:
10-Year Limited material and workmanship warranty.

**BACK VIEW (Standard)**



**CONDUIT SURFACE MOUNTS (Optional)**




| LENGTH (ft) | WEIGHT (lbs) | DIMENSIONS IN INCHES A | B | C |
|---|---|---|---|---|
| 1 | 6.6 | 2.1 | 8 | 12 |
| 2 | 9.8 | 3.9 | 16 | 23.75 |
| 3 | 13 | 9.8 | 16 | 35.5 |
| 4 | 16.3 | 7.7 | 32 | 47.4 |

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Due to continuous development and improvements, specifications are subject to change without notice.

PARAMOUNT INDUSTRIAL LIGHTING

| Date: | Approved: |
|---|---|
| Type: | |
| Fixture: | |
| Project: | |

# VRSW9 Series — Damp/Dry Location

## PRODUCT ORDERING CODE

| SERIES | LENGTH | MOUNTING | VOLTAGE | CCT | CRI | LUMENS | FINISH | LENS | DIMMING | OPTIONS |
|---|---|---|---|---|---|---|---|---|---|---|
| PMVRSW9 | | SF | UNV | | CRI83 | | | L10 | | |

**SERIES**

- **PMVRSW9** Damp/Dry Location

**LENGTH**

- **1** 1 FT
- **2** 2 FT
- **3** 3 FT
- **4** 4 FT

**MOUNTING**

- **SF** Surface Mount

**VOLTAGE**

- **UNV** 120-277V

**CCT**

- **3K** 3000K
- **35K** 3500K
- **4K** 4000K
- **5K** 5000K

**CRI**

- **CRI83** 83 CRI

**LUMENS**

| | | |
|---|---|---|
| 1 FT | **16L** | 1600 lm (14W) 116 lm/W |
| | **27L** | 2700 lm (25W) 114 lm/W |
| 2 FT | **29L** | 2900 lm (25W) 124 lm/W |
| | **59L** | 5900 lm (50W) 115 lm/W |
| 3 FT | **42L** | 4200 lm (35W) 124 lm/W |
| | **77L** | 7700 lm (65W) 120 lm/W |
| 4 FT | **63L** | 6300 lm (50W) 124 lm/W |
| | **112L** | 11200 lm (95W) 119 lm/W |

Selection must match the selected length

**FINISH**

- **WHR** White (Reflective)
- **BKI** Black*
- **BRI** Bronze*
- **SLI** Silver*
- **WHI** White*
- **CCI** Custom Color*
- **BKE** Black**
- **BRE** Bronze**
- **GRE** Graphite Grey**
- **SLE** Silver**
- **WHE** White**
- **CCE** Custom Color**

*Interior AAMA 2603 Coating
**Exterior AAMA 2604 Coating

**LENS**

- **L10** 0.125 Ribbed-Extruded Semi-Translucent Polycarbonate

**DIMMING**

- **LD** 0-10V Dimming, 1%
- **FLD** Field Adjustable Ultra Sonic Sensor 0-10V, Fixed Levels 50%, 25%, 10%, Off (Optional)
- **BFLD** Bluetooth®,Field Adjustable Ultra Sonic Sensor 0-10V, Fixed Levels 50%, 25%, 10%, Off (Optional)

**OPTIONS**

- **BBU** Battery Backup, Integral
- **BBUR** Battery Backup & LED Driver Remote (Indoor), 40W, IP20, IK08, NEMA 1, 0° to 48 °C (32° to 118 °F), 30 FT Maximum Distance with 12AWG (w/UNV Option Only), 500 Lumens Nominal
- **BBUX** Battery Backup & LED Driver Remote (Outdoor), IP67, IK10, NEMA 4X, -20° to 55°C (-4° to 131°F), 30 FT Maximum Distance with 12AWG (w/UNV Option Only), 600 Lumens Nominal
- **F** Fuse Line (1 Fuse with LED Driver, 2 Fuses with BBUR & BBUS Options)
- **CSMR** Conduit Surface Mount (Right Side)
- **CSML** Conduit Surface Mount (Left Side)
- **CSMB** Conduit Surface Mount (Both Side)

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| | |
|---|---|
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| Type: | |
| Fixture: | |
| Project: | |

# VRSW9 Series

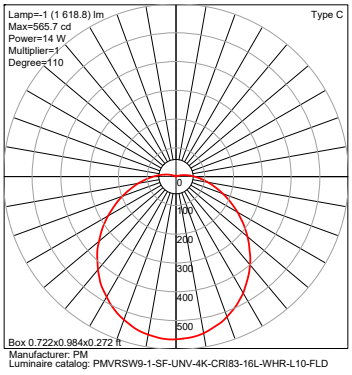
## LUMENS

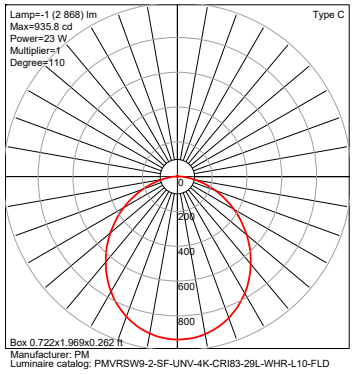
| Model | Watts | LM79 Test Result @ Max Lumens |
|---|---|---|
| | | 4K (4000 Kelvin, CRI 83) Nominal |
| PMVRSW9-1 | 14-25W | 1600-2700 lm |
| PMVRSW9-2 | 25-50W | 2900-5900 lm |
| PMVRSW9-3 | 35-65W | 4200-7700 lm |
| PMVRSW9-4 | 50-95W | 6300-11200 lm |

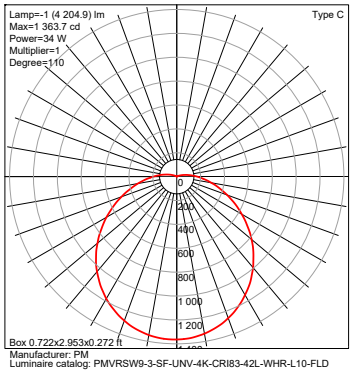
| CCT Multiplier (CRI83) | |
|---|---|
| CCT | Multiplier |
| 3000K | 0.96 |
| 3500K | 0.97 |
| 4000K | 1.00 |
| 5000K | 1.03 |

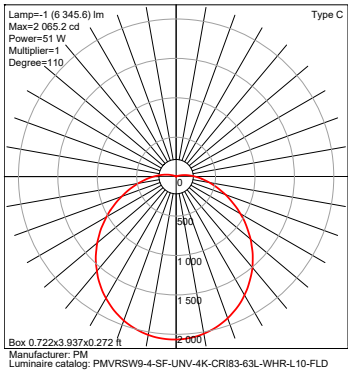
| 0-10V Approved Dimmer List | |
|---|---|
| Manufacturer | Manufacturer Part Number |
| Lutron | Diva DVST-XX |
| | Diva DVST-453PH-WH1 |
| Leviton | Illumatech 010-IP710-DLZ |

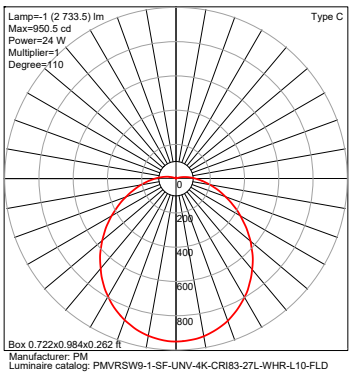
## PHOTOMETRICS

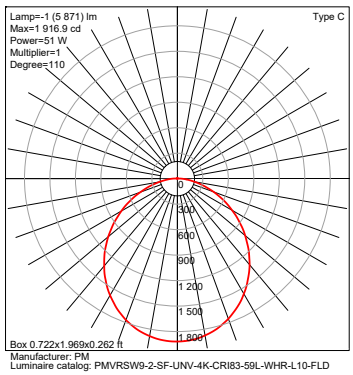


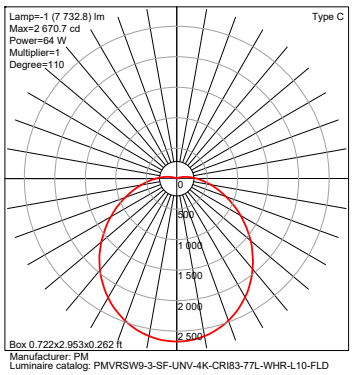



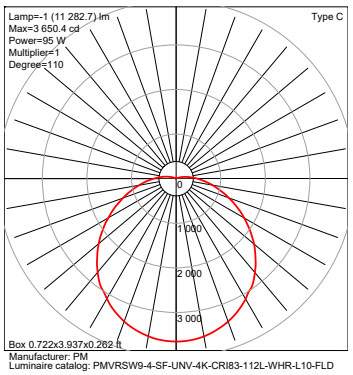



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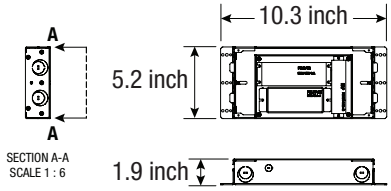
| Date: | Approved: |
|---|---|
| Type: | |
| Fixture: | |
| Project: | |

# VRSW9 Series

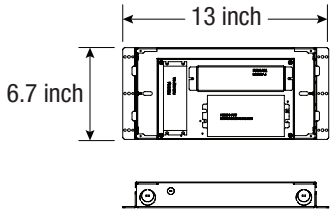
## BATTERY BACK-UPS

**BBUR —** Battery Backup & LED Driver Remote (Indoor), IP20, IK08, NEMA 1, 0 to 48 °C (32 to 118 °F), 30 feet Maximum Distance with 12 AWG (with UNV Option Only)

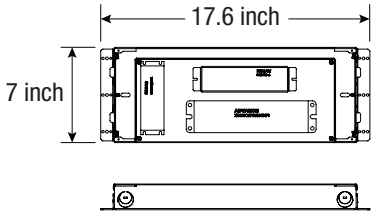
**Size 1 Small**
24 VDC with BBU
40W with BBU



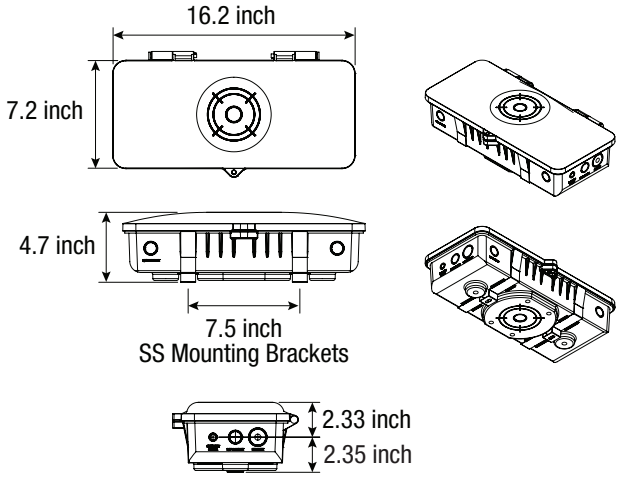

**Size 2 Medium**
40W with BBU
90W




**Size 3 Large**
90W with BBU




**BBUX —** Battery Backup & LED Driver Remote (Outdoor), IP67, IK10, NEMA 4X, -20 to 55 °C (-4 to 131 °F), 30 feet Maximum Distance with 12AWG (with UNV Option Only)




PARAMOUNT INDUSTRIAL LIGHTING

**LUMEN OUTPUT:** All listed lumen values are nominal. Lens transmission and fixture efficiency affect overall lumens.

**INDIVIDUAL UNITS STANDARD**

**NOT ALL COMBINATIONS POSSIBLE**

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