

## **VRL10RO Series**

# Vandal Resistant

### 10" Round, Low-Profile, Surface Mount







#### **APPLICATIONS:**

- Residence Halls
- Healthcare
- Transportation Stations
- Educational Facilities
- Multi-Dwelling Housing
- Commercial Properties
- Retail Properties

#### **FEATURES:**

- 2 inch Low-Profile
- Vandal resistant construction and materials
- IK10 Impact rating
- · 3G Vibration rating
- IP66 Ingress protection
- No Visible Fasteners
- 0-10V, 1% Dimming, optional ELV
- Lifetime Vandal Resistance Warranty
- 10-Year limited warranty

### **SPECIFICATIONS**

### **HOUSING:**

Marine grade, corrosion resistant, heavy gauge high pressure die cast aluminum. Six stage cleaning and saline pre-treatment. Super TGIC polyester powder coat finish,  $18\mu m$  Minutes, 5000 hours salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification.

### **DIFFUSER:**

One-piece white, high impact, UV stabilized polycarbonate, 0.125 inch Nominal. Secured by 4 non-visible stainless steel fasteners.

#### GACKETING:

Urethane foam gasket for wall/ceiling mount. Lens sealed with an injection molded silicone seamless gasket housing seal.

#### **TESTING AND RATINGS:**

cETLus Listed

Wet location listed for wall or ceiling mount

IP66 Ingress protection

3G (ANSI C136.31) Vibration resistance rated

IK10 (IEC6226) Impact resistance rated

IESNA LM79 Photometric testing by NVLAP accredited test lab

IESNA LM80 LED testing by NVLAP accredited test lab

IESNA TM21 Luminaire lumen depreciation projection to >70,000 hours

#### **ELECTRICAL:**

Standard Voltage: Universal 120-277 VAC Optional Voltage: 347V (remote only)

Power Supply: Integral Class II, electronic high-power factor (>94% @ 120V)

Power Consumption: 14W maximum @ 120V

Standard Tri-Dim: (UNV Only), (1%, 0-10V, 120-277V), (1%, TRIAC & ELV, 120V Only.

Optional 347 VAC (1%, 0-10V) (Remote)

**ADA Compliant** 

CCT Options: 2700K, 3000K, 3500K, and 4000K

#### MOUNTING:

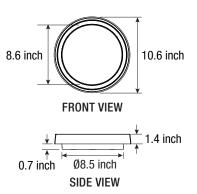
Easy to install, ceiling or wall mount.

### LIFETIME VANDAL RESISTANCE WARRANTY:

Paramount will replace or repair any luminaire damaged due to vandalism for the lifetime of the luminaire installation.

#### WARRANTY:

10-Year Limited material and workmanship warranty.





Date:	Approved:
Type:	
Fixture:	
Project:	

## **VRL10RO Series — Wet Location**

#### PRODUCT ORDERING CODE **LUMENS**<sup>3</sup> **FINISH OPTIONS SERIES VOLTAGE** CCT CRI PMVRL10R0 **CRI85 UNV** 120 - 277 VAC (Tri-Dim) 1 PMVRL10RO Wet Location **CRI83** 85 CRI **347V** 347 VAC (Remote) <sup>2</sup> BKE Black 27K 2700K **3K** 3000K BRE Bronze **35K** 3500K **GRE** Graphite Grey **4K** 4000K **SLE** Silver WHE White **CCE** Custom Color **05L** 500 lm (6W) Battery Backup & LED Driver Remote (Indoor), 40W, IP20, IK08, NEMA 1, 10L 1000 lm (10W) **BBUR** 0° to 48 °C (32° to 118 °F), 30 FT **15L** 1500 lm (14W) Maximum Distance with 12AWG (w/UNV Option Only), 500 Lumens Nominal Battery Backup & LED Driver Remote (Outdoor), IP67, IK10, NEMA 4X, -20° to **BBUX** 55°C (-4° to 131°F), 30 FT Maximum Distance with 12AWG (w/UNV Option Only), 600 Lumens Nominal F Suse Line (1 Fuse with LED Driver, 2 Fuses with BBUR & BBUS Options) SP20 20kV Surge Protector (1 SP20 w/ LED Driver, 2 SP20 w/ BBUR & BBUX Options)

#### Footnotes:

<sup>&</sup>lt;sup>1</sup> Tri-Dim (UNV Only), (1%, 0-10V, 120-277V), (1%, TRIAC & ELV, 120V Only)

<sup>&</sup>lt;sup>2</sup> 347 VAC (1%, 0-10V), (Remote)



Date:	Approved:
Type:	
Fixture:	
Project:	

# **VRL10RO Series**

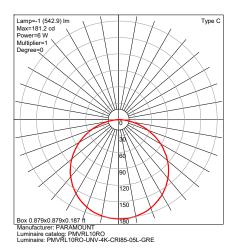
## LUMENS

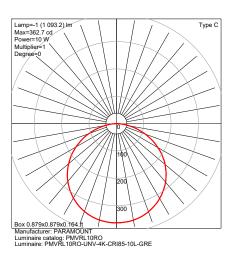
84-4-1	Watts	LM79 Test Result @ Max Lumens	
Model		4K (4000 Kelvin, CRI 85) Nominal	
PMVRL10R0-1	6W	500 lm	
PMVRL10R0-2	10W	1000 lm	
PMVRL10R0-3	14W	1500 lm	

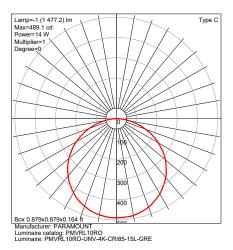
CCT Multiplier (CRI85)		
CCT	Multiplier	
2700K	0.91	
3000K	0.94	
3500K	0.96	
4000K	1.00	

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

## **PHOTOMETRICS**







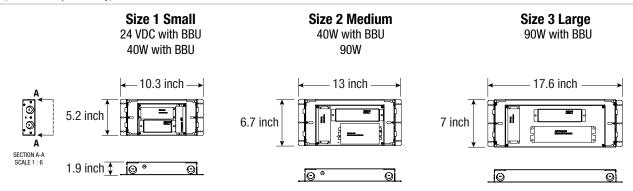


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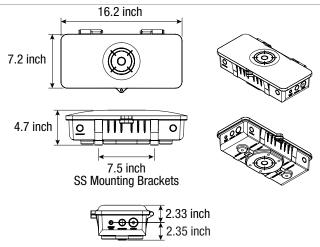
## **VRL10RO Series**

### **BATTERY BACKUP**

**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)



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)





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

INDIVIDUAL UNITS STANDARD NOT ALL COMBINATIONS POSSIBLE