

## VRL13SO Series

## Vandal Resistant

13" Square, Low-Profile, Surface Mount



### APPLICATIONS:

- Dorm Rooms
- Health Facilities
- Transportation Stations
- Public Schools
- Multi-family Housing
- Commercial / Retail

### FEATURES:

- 2" Low profile
- Long service life
- Vandal resistant construction and materials
- IK10 Impact rating
- 3G Vibration Test 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, 18µm Minutec, 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 NOM. Secured by 4 non-visible stainless steel fasteners.

#### GASKETING:

Thick 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 Volt AC

Optional voltage 347 Volt (remote only)

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

Power consumption 33W @ 120V

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

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

ADA Compliant

CCT options 3000K, 4000K

#### MOUNTING:

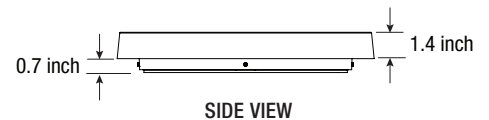
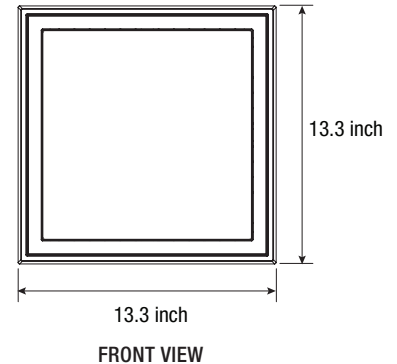
Easy to install, ceiling or wall mount.

#### LIFETIME VANDAL RESISTANCE WARRANTY:

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

#### WARRANTY:

10-Year Limited material and workmanship warranty.



# VRL13SO Series — Wet Location

## PRODUCT ORDERING CODE

SERIES	VOLTAGE	CCT	CRI	LUMENS <sup>3</sup>	FINISH	OPTIONS
<b>PMVRL13SO</b>			<b>CRI85</b>			
<b>PMVRL13SO</b> Wet Location	<b>UNV</b> 120 - 277 VAC (Tri-Dim) <sup>1</sup> <b>347V</b> 347 VAC (Remote) <sup>2</sup>	<b>3K</b> 3000K <b>4K</b> 4000K	<b>CRI83</b> 85 CRI	<b>15L</b> 1516 lm (16W) <b>22L</b> 2155 lm (23W) <b>28L</b> 2828 lm (33W)	<b>BKE</b> Black <b>BRE</b> Bronze <b>GRE</b> Graphite Grey <b>SLE</b> Silver <b>WHE</b> White <b>CCE</b> Custom Color	Battery Backup & LED Driver Remote (Indoor), 40W, IP20, IK08, NEMA 1, <b>BBUR</b> 0° to 48 °C (32° to 118 °F), 30 FT Maximum Distance with 12AWG (w/UNV Option Only), 500 Lumens Nominal  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  <b>F</b> Fuse Line (1 Fuse with LED Driver, 2 Fuses with BBUR & BBUS Options)  <b>SP20</b> 20kV Surge Protector (1 SP20 w/ LED Driver, 2 SP20 w/ BBUR & BBUS Options)

Footnotes:

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

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

## VRL13RO Series

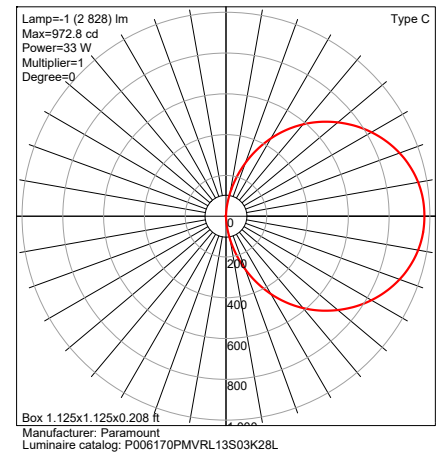
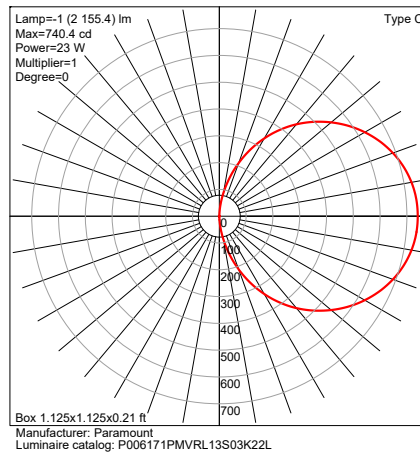
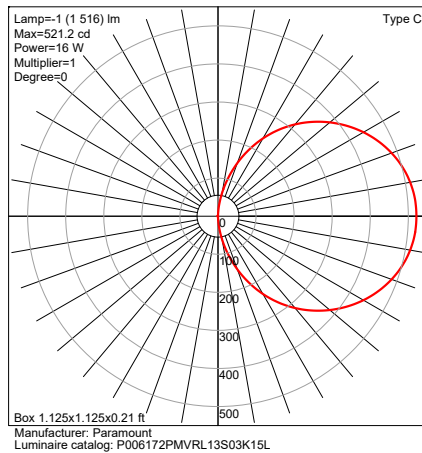
### LUMENS

Model	Watts	LM79 Test Result @ Max Lumens
		4K (4000 Kelvin, CRI 85) Nominal
PMVRL13S0-1	16W	1516 lm
PMVRL13S0-2	23W	2155 lm
PMVRL13S0-3	33W	2828 lm

CCT Multiplier (CRI85)	
CCT	Multiplier
3000K	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

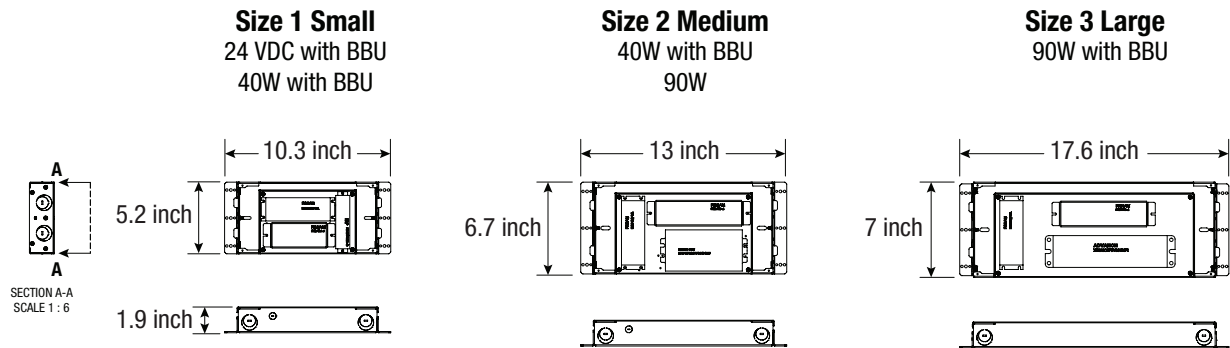
### PHOTOMETRICS



## VRL13RO 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)

