

VRL10SO

Vandal Resistant

10" Square, 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, 18µm 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.

GASKETING:

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:

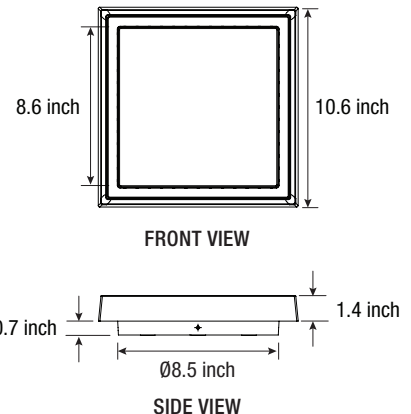
Easy to install, ceiling or wall mount.

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.



JC-TD-042825

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

VRL10SO — Wet Location

PRODUCT ORDERING CODE

SERIES	VOLTAGE	CCT	CRI	LUMENS ³	FINISH	OPTIONS
PMVRL10SO			CRI85			
PMVRL10SO Wet Location	UNV 120 - 277 VAC (Tri-Dim) ¹ 347V 347 VAC (Remote) ²	27K 2700K 3K 3000K 35K 3500K 4K 4000K	CRI85 85 CRI	05L 500 lm (6W) 10L 1000 lm (10W) 15L 1500 lm (14W)	BKE Black BRE Bronze GRE Graphite Grey SLE Silver WHE White CCE Custom Color	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 BBUR 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 BBUX Fuse Line (1 Fuse with LED Driver, 2 Fuses with BBUR & BBUX Options) F 20kV Surge Protector (1 SP20 w/ LED Driver, 2 SP20 w/ BBUR & BBUX Options) SP20

Footnotes:

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

² 347 VAC (1%, 0-10V), (Remote)

VRL10SO

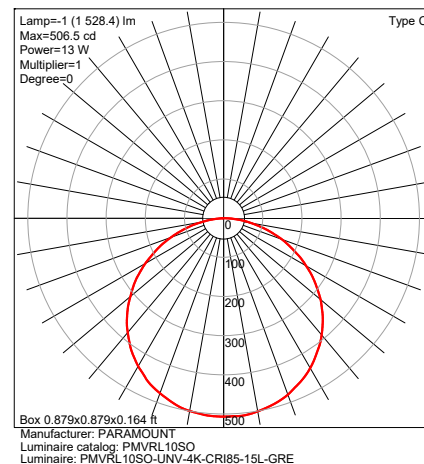
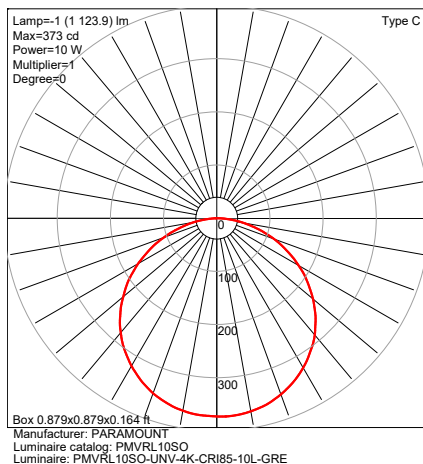
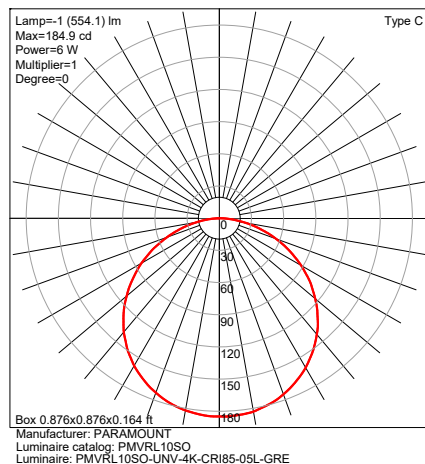
LUMENS

Model	Watts	LM79 Test Result @ Max Lumens
		4K (4000 Kelvin, CRI 85) Nominal
PMVRL10SO-1	6W	500 lm
PMVRL10SO-2	10W	1000 lm
PMVRL10SO-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

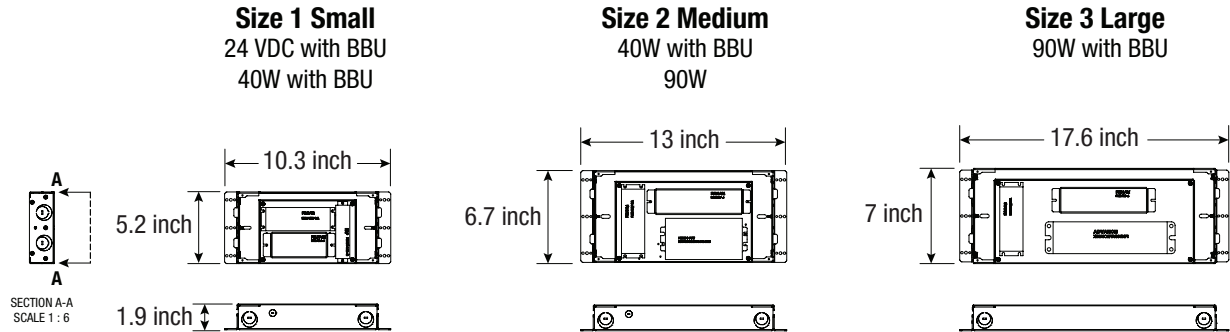
PHOTOMETRICS



VRL10SO

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)

