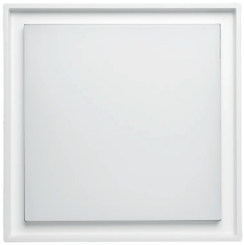
PARAMOUNT INDUSTRIAL LIGHTING

VRL13SO

Vandal Resistant

13" Square, Low-Profile, Surface Mount



Intertek CE NOM

MADE IN AMERICA

APPLICATIONS:

- Garage & Canopy
- Industrial & Commercial
- Transit & Municipal
- Residence Halls
- Healthcare
- Educational Facilities
- Multi-Dwelling Housing
- Retail Properties

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 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 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, 3500K, 4000K

MOUNTING:

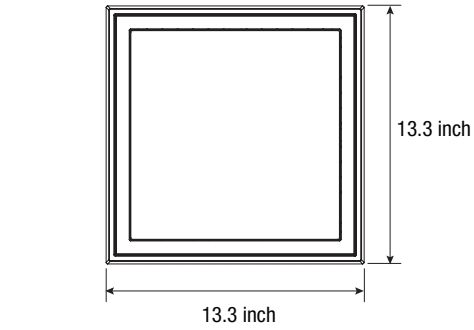
Easy to install, ceiling or wall mount.

LIFETIME VANDAL RESISTANCE WARRANTY:

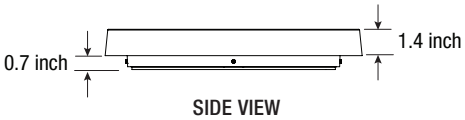
Paramount will replace or repair any fixture damaged due to vandalism for the lifetime of the fixture installation.

WARRANTY:

10-Year Limited material and workmanship warranty.



FRONT VIEW



SIDE VIEW

TG-TD-010726

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

PARAMOUNT INDUSTRIAL LIGHTING

Date:	Approved:
Type:	
Fixture:	
Project:	

VRL13SO — Wet Location

PRODUCT ORDERING CODE

SERIES
PMVRL13SO
- **PMVRL13SO** Wet Location

VOLTAGE
- **UNV** 120 - 277 VAC (Tri-Dim) [1]
- **347V** 347 VAC (Remote) [2]

CCT
- **3K** 3000K
- **35K** 3500K
- **4K** 4000K

CRI
CRI85
- **CRI85** 85 CRI

LUMENS[3]
- **15L** 1516 lm (16W)
- **22L** 2155 lm (23W)
- **28L** 2828 lm (33W)

FINISH
- **BKE** Black
- **BRE** Bronze
- **GRE** Graphite Grey
- **SLE** Silver
- **WHE** White
- **CCE** Custom Color

OPTIONS
- **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)
- **SP20** 20kV Surge Protector (1 SP20 w/ LED Driver, 2 SP20 w/ BBUR & BBUX Options)

Footnotes:
[1] Tri-Dim (UNV Only), (1%, 0-10V, 120-277V), (1%, TRIAC & ELV, 120V Only)
[2] 347 VAC (1%, 0-10V), (Remote)

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PARAMOUNT
INDUSTRIAL LIGHTING

Date:	Approved:
Type:	
Fixture:	
Project:	

VRL13SO

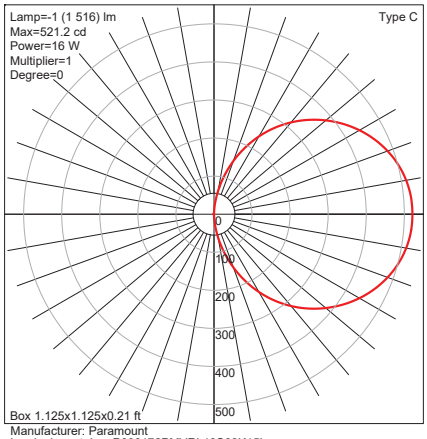
LUMENS

Model	Watts	LM79 Test Result @ Max Lumens
		4K (4000 Kelvin, CRI 85) Nominal
PMVRL13SO-1	16W	1516 lm
PMVRL13SO-2	23W	2155 lm
PMVRL13SO-3	33W	2828 lm

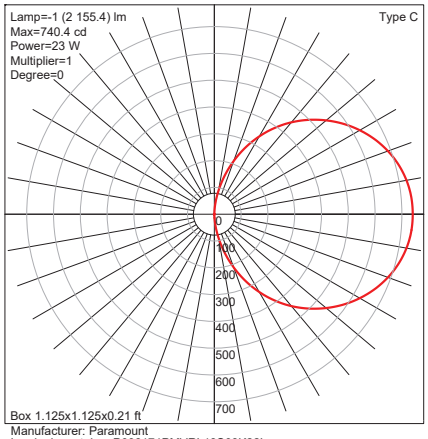
CCT Multiplier (CRI85)	
CCT	Multiplier
3000K	1.00
3500K	1.02
4000K	1.06

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

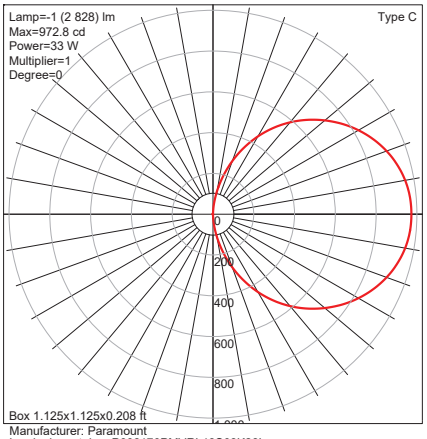
PHOTOMETRICS



Manufacturer: Paramount
Luminaire catalog: P006172PMVRL13S03K15L



Manufacturer: Paramount
Luminaire catalog: P006171PMVRL13S03K22L



Manufacturer: Paramount
Luminaire catalog: P006170PMVRL13S03K28L

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PARAMOUNT INDUSTRIAL LIGHTING

Date:	Approved:
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Fixture:	
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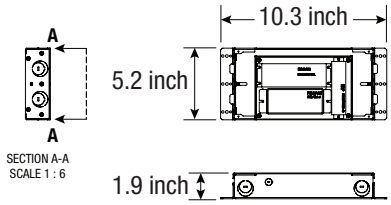
VRL13SO

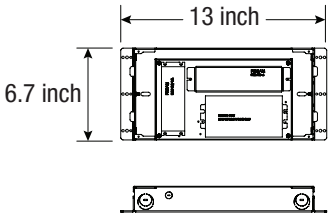
BATTERY BACKUP

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)

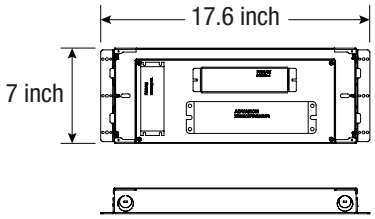
Size 1 Small
24 VDC with BBU
40W with BBU



Size 2 Medium
40W with BBU
90W



Size 3 Large
90W with BBU



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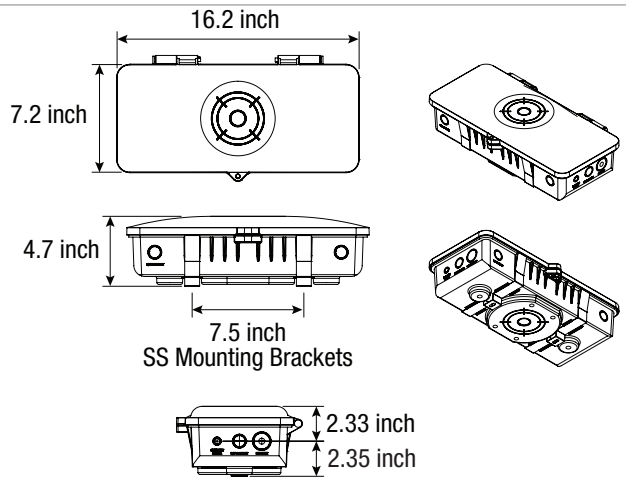

PARAMOUNT INDUSTRIAL LIGHTING

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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