PARAMOUNT INDUSTRIAL LIGHTING

VR10S Series

Vandal Resistant

10" Square, Surface Mount



Intertek CE NOM ADA COMPLIANT

MADE IN AMERICA

APPLICATIONS:

- Garage & Canopy
- Industrial & Commercial
- Transit & Municipal
- Dorm Rooms
- Behavorial Health Facilities
- Public Schools
- Multi-family Housing

FEATURES:

- Long service life
- Vandal resistant construction and materials
- IK10 Impact rating
- 3.0G Vibration Test rating
- IP66 Ingress protection
- 0-10V, 1% Dimming
- Photo-eye and 20kV Surge Protection Options
- Remote Driver and Battery Back-up Options
- Lifetime Vandal Resistance Warranty
- 10-Year limited warranty

SPECIFICATIONS

HOUSING & LENS TRIM:

Marine grade die cast aluminum housing and lens trim. 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" NOM. Secured by lens ring using (4) stainless steel fasteners, or optional vandal proof stainless steel fasteners.

REFLECTOR:

Fabricated 5005 corrosion resistant aluminum. Six stage cleaning and saline pre-treatment. Polyester powder coat high reflectance white finish, 18µm Minimum, 5000 hours salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification.

GASKETS:

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

TESTING AND RATINGS:

cETLus Listed, CE IEC 60598-1, IEC 60598-2-1

Wet location listed for wall or ceiling mount

IP66 (IEC 60598-1/60529) Ingress protection

3.0G (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:

High efficiency, HPF (>94%@120V) Class Two LED driver Samsung LED, 85 or 93 CRI, 2 SDCM luminaire to luminaire color consistency. CEC Title 24 JA8 compliant (Only 93CRI). Standard dimming 0-10V (1%).

MOUNTING:

Mounts directly to wall surface over standard junction boxes through (4) provided holes in housing to provide most secure attachment for high abuse environments (screws appropriate to the mounting surface condition and substrate by others).

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.

VR10SO



VR10SH



VR10SX



AG-DM-102926

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

PARAMOUNT INDUSTRIAL LIGHTING

Date:	Approved:
Type:	
Luminaire:	
Project:	

VR10S Series — Wet Location, Integral Driver

PRODUCT ORDERING CODE

SERIES

- **PMVR10SO** Wet Location
- **PMVR10SH** Wet Location
- **PMVR10SX** Wet Location

VOLTAGE

- **UNV** 120 - 277 VAC
- **120V** 120 VAC (PE120 &/or SP20)
- **277V** 277 VAC (PE277 &/or SP20)
- **347V** 347 VAC (347V &/or SP20)

CCT

- **27K** 2700K
- **3K** 3000K
- **35K** 3500K
- **4K** 4000K
- **5K** 5000K

CRI

- **CRI85** 85 CRI
- **CRI90** 90 CRI

LUMENS[3]



PMVR10SO

- **7L** 700 lm (10W)
- **12L** 1188 lm (18W)
- **17L** 1650 lm (21W)
- **24L** 2416 lm (32W)
- **31L** 3100 lm (41W)



PMVR10SH

- **7L** 700 lm (14W)
- **11L** 1050 lm (21W)
- **16L** 1550 lm (31W)
- **21L** 2050 lm (41W)



PMVR10SX

- **7L** 700 lm (10W)
- **11L** 1050 lm (14W)
- **17L** 1650 lm (21W)
- **24L** 2375 lm (31W)
- **30L** 3000 lm (41W)

Selection must match the selected product

FINISH

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

OPTIONS

- **LD** 0-10V Dimming, 1% (Standard)
- **TPS** Tamper Proof Screws
- **F** Fuse Line (1 Fuse with LED Driver)
- **CSM** Conduit Surface Mount
- **PE120** Photo Eye for 120V
- **PE277** Photo Eye for 277V
- **SP20** 20kV Surge Protector (1 SP20 w/ LED Driver) [1]

[1] Specify Voltage — 120V, 277V, or 347V.

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PARAMOUNT INDUSTRIAL LIGHTING

Date:	Approved:
Type:	
Luminaire:	
Project:	

VR10S Series — Wet Location, Remote Driver & Battery Backup

PRODUCT ORDERING CODE

SERIES

PMVR10SOR	Wet Location
PMVR10SHR	Wet Location
PMVR10SXR	Wet Location

VOLTAGE

UNV	120 - 277 VAC
120V	120 VAC (SP20 &/or ELV)
277V	277 VAC (SP20)

CCT

27K	2700K
3K	3000K
35K	3500K
4K	4000K
5K	5000K

CRI

CRI85	85 CRI
CRI90	90 CRI

LUMENS[3]



PMVR10SO	7L	700 lm (10W)
	12L	1188 lm (18W)
	17L	1650 lm (21W)
	24L	2416 lm (32W)
	31L	3100 lm (41W)



PMVR10SH	7L	700 lm (14W)
	11L	1050 lm (21W)
	16L	1550 lm (31W)
	21L	2050 lm (41W)



PMVR10SX	7L	700 lm (10W)
	11L	1050 lm (14W)
	17L	1650 lm (21W)
	24L	2375 lm (31W)
	30L	3000 lm (41W)

Selection must match the selected product

FINISH

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

OPTIONS

LD	0-10V Dimming, 1% (Standard)
ELV	ELV Dimming (120V Only)
TPS	Tamper Proof Screws
F	Fuse Line (1 Fuse with LED Driver, 2 Fuses with BBUR & BBUX Options)
CSM	Conduit Surface Mount
SP20	20kV Surge Protector (1 SP20 w/ LED Driver, 2 SP20 w/ BBUR & BBUX Options) [1]
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

[1] Specify Voltage — 120V or 277V.

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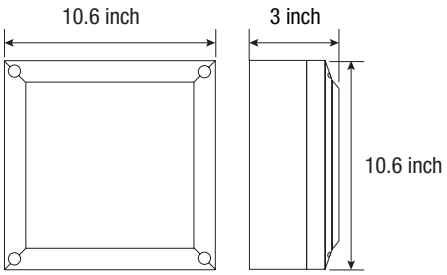
PARAMOUNT INDUSTRIAL LIGHTING

Date:	Approved:
Type:	
Luminaire:	
Project:	

PRODUCT DIMENSIONS - STANDARD PRODUCTS

VR10SO

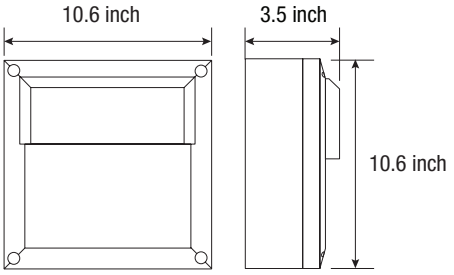
width	10.6"
depth	3" D



FRONT VIEW SIDE VIEW

VR10SH

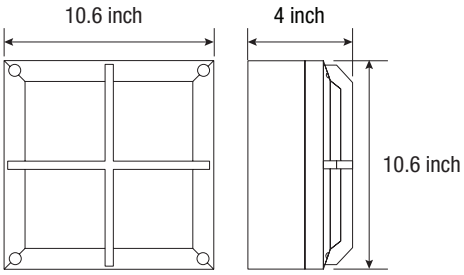
width	10.6"
depth	3.5" D



FRONT VIEW SIDE VIEW

VR10SX

width	10.6"
depth	4" D

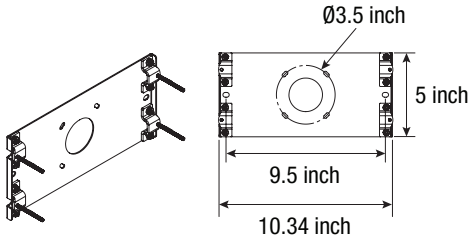


FRONT VIEW SIDE VIEW

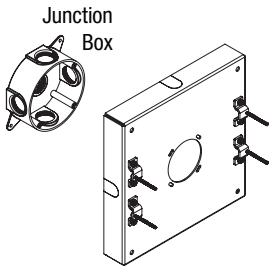
MOUNTING - *j-box sold by others*

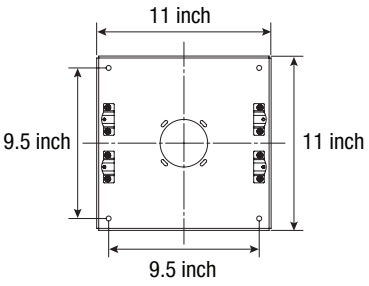
mounting plate width	10.34" W

mounting plate mounts flush to surface, included with luminaire



CONDUIT SURFACE MOUNT (CSM)



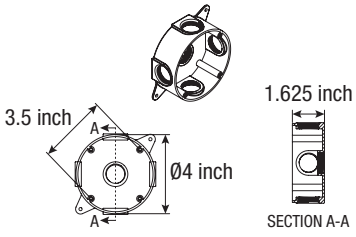


TOP VIEW



SIDE VIEW

Junction Box



TOP VIEW SIDE VIEW

TG-TD-020326

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PARAMOUNT INDUSTRIAL LIGHTING

Date:	Approved:
Type:	
Luminaire:	
Project:	

VR10S Series

LUMENS

Model	Watts	LM79 Test Result @ Max Lumens
		4K (4000 Kelvin, CRI 80) Nominal
PMVR10SO	41W	3100 lm
PMVR10SH	41W	2050 lm
PMVR10SX	41W	3100 lm

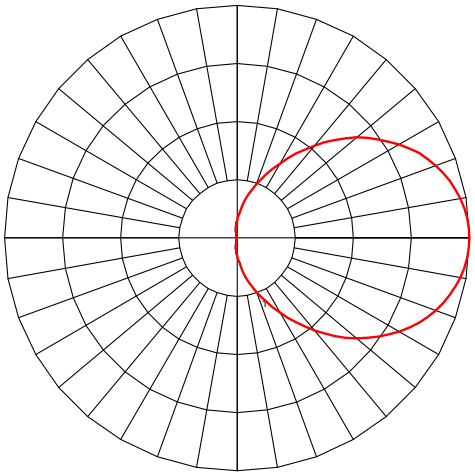
CCT Multiplier		
CRI	CCT	Multiplier
80 CRI	2700K	0.89
80 CRI	3000K	0.96
80 CRI	3500K	0.96
80 CRI	4000K	1.00
80 CRI	5000K	1.00
90 CRI	2700K	0.70
90 CRI	3000K	0.70
90 CRI	3500K	0.78
90 CRI	4000K	0.78
90 CRI	5000K	0.78

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

PHOTOMETRICS

IES INDOOR REPORT
PHOTOMETRIC FILENAME : REPORT#1310-L FCW3065-120V-4K-ETL FIXTURE.IES

POLAR GRAPH



Maximum Candela = 493.92 Located At Horizontal Angle = 0, Vertical Angle = 90
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (90) (Through Max. Cd.)

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PARAMOUNT INDUSTRIAL LIGHTING

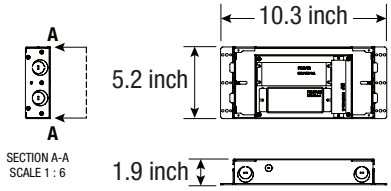
Date:	Approved:
Type:	
Luminaire:	
Project:	

VR10S Series

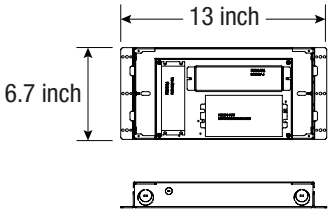
BATTERY BACKUP

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)

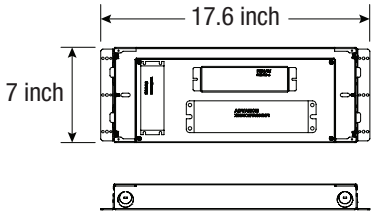
Size 1 Small
24 VDC with BBU
40W with BBU



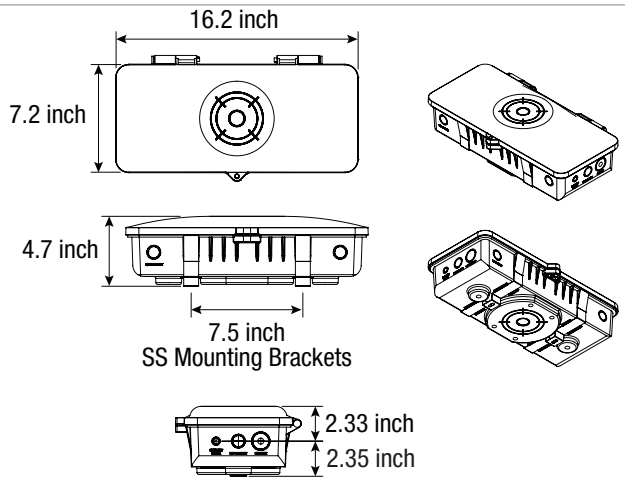
Size 2 Medium
40W with BBU
90W



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 typical. Lens transmission and luminaire efficiency affect overall lumens.

INDIVIDUAL UNITS STANDARD

NOT ALL COMBINATIONS POSSIBLE

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