

# VR10 Series 10x10 Vandal Resistant Light

VANDAL RESISTANT LIGHTING

LM79  
LM80

IP63



## PROJECT INFORMATION

Project Name \_\_\_\_\_

Catalog No. \_\_\_\_\_ Date \_\_\_\_\_

## DESCRIPTION

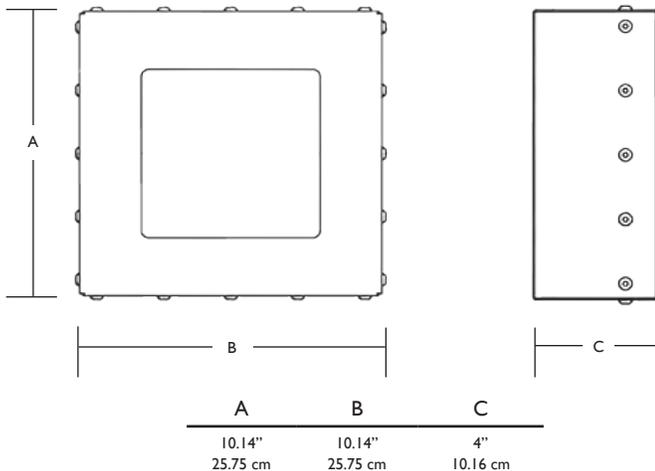
The ActiveLED® Vandal Resistant 10x10 Fixture provides clear and concise illumination for a higher level of safety to pedestrians in an affordable, maintenance free lighting solution. The tamper-proof hardware is designed to withstand extreme physical assault and environmental abuse. Ideal for Rest Areas, Public Restrooms, Transit Locations and Pedestrian Tunnels.

Applications include: Rest Areas, Public Restrooms, Transit Locations, Pedestrian Tunnels



VR10 Series 10x10

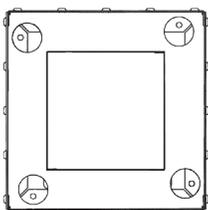
## DIMENSIONS



## FEATURES

- Vandal Resistant enclosure Cold Rolled 12 gauge steel. Powder coated fabrication.
- High Impact Diffuser - Tested at over 6 joules.
- Optional Night Light - Independently controlled Night Light at 2700K CCT.
- ThermalDRAW™ Cooling Technology - Patented cooling technology ensures LED components will equal or exceed warranty.
- Warranty - 10 Year Warranty on LED elements, fixture housing, and LED Driver. Eligible for extended two year warranty. See page 2 for additional warranty information.

## MOUNTING OPTIONS



NOTE: Contact factory for more mounting options.



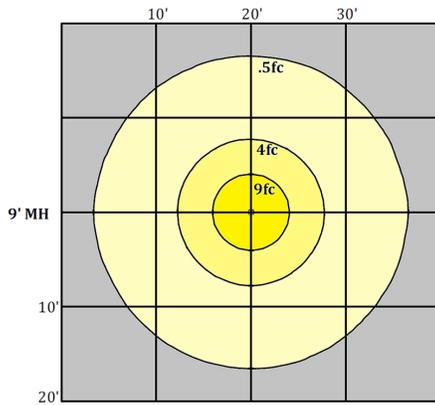
LIGHT OUTPUT	WATTS	LUMENS per WATT	LIGHT COLOR (CCT)
<b>2,764</b> lm	<b>25.3</b> W	<b>109.2</b> lm/W	<b>3990</b> K

NOTE: Lighting Facts shown for VR10DD 24W only.  
For more Lighting Facts, visit [lightingfacts.com](http://lightingfacts.com) for the Label and Label Reference Guide.

**ActiveLED®**  
Energy Efficient Lighting and Controls



## PHOTOMETRICS



## PERFORMANCE DATA

AMBIENT TEMPERATURES	0 HOURS	45,000 HOURS	90,000 HOURS
77°F (25°C)	1.00	0.99	0.99
104°F (40°C)	1.00	0.98	0.96
131°F (55°C)	1.00	0.96	0.92
140°F (60°C)	1.00	0.95	0.90

Projected Lumen Maintenance (TM-21)

NOTE: Calculated using data collected according to LM-80 lumen maintenance on the LED package.

NOTE: Photometrics shown for VR10DD 24W only. Contact company for photometrics on other sizes.

## GENERAL SPECIFICATIONS

Input Voltage	Voltage Specific, Specified with Order and Programmed at Factory.	LED Optics	IP63 rated, thermally bonded LEDs. Patented thermal management mounting system.
Input Power	26 Input watts, 24 LED watts.	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
Power Factor	> 0.86 (at ~110Volts)	Housing	12 Gauge Cold Rolled steel for enclosure, aluminum for heat sinking parts, stainless steel hardware.
THD	Total Harmonic Distortion (THD) 28.5%	Finish	Powder coated after fabrication.
Driver	Integral driver with aluminum housing and integral heat sink.	Dimensions	10.14" Height, 10.14" Wide and 4" Depth (25.75cm x 25.75cm x 10.16cm)
Operating Temperature	-58° F to 149° F (-50° C to 65° C)	Weight	12 pounds (5.44 kg)
Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)		

## WARRANTY

Ten (10) Year Warranty - LEDs, Fixture, and Driver shall conform to its published specifications under normal usage and operating conditions including "no light loss" of more than 10% at the end of the period. LEDs will produce at least 90% of their initial light output with no color shift after 90,000 hours of operation. Extended 2 year warranty available when fixture is used in conjunction with an ActiveLED Surge Protection Device (SPD). See "Limited Warranty for Ringdale Industries and ActiveLED Lighting Products" for more information.

## LISTINGS AND TESTS

CE, suitable for damp locations. RoHS compliant. IP63 Rated optical assembly. LM-79 and LM-80 info available. Conforms to FCC Part 15.19 Subpart B Class A. Made in USA - ARRA Compliant.

## ORDERING INFORMATION

Example: VR10DD-SI-C50R24WH

VR10		S		C		R24	
Style	Driver	Mount	Voltage	Diffuser	CCT	Watts	Color
<b>VR10</b> Vandal Resistant Fixture	<b>DD</b> Dual Driver  <b>SD</b> Single Driver	<b>S</b> Surface Mount	<b>1</b> - 110/120 VAC, Single Voltage 60 Hz <b>2</b> - 277 VAC, Single Voltage 60 Hz <b>3</b> - 100 VAC, Single Voltage 60 Hz <b>4</b> - 208 VAC, Single Voltage 60 Hz <b>5</b> - 240 VAC, Single Voltage 50 Hz <b>N</b> - None <sup>1</sup>	<b>C</b> High Impact (default)	<b>50</b> 5,000K <b>40</b> 4,000K <b>35</b> 3,500K <b>30</b> 3,000K <b>27</b> 2,700K	<b>R24</b> 24W LED, 26 W Max	<b>SL</b> Silver <b>BK</b> Black <b>BR</b> Brown <b>BZ</b> Bronze <b>CG</b> Charcoal <b>WH</b> White <b>X</b> Custom

<sup>1</sup> Requires remote driver. Consult factory.