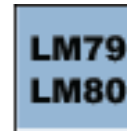


VR10 Series 10x10 Vandal Resistant Light

VANDAL RESISTANT LIGHTING



PROJECT INFORMATION

Project Name _____

Catalog No. _____ Date _____

DESCRIPTION

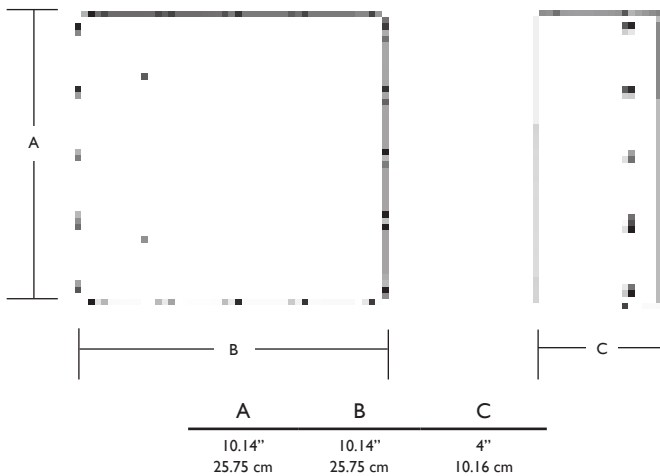
The ActiveLED® Vandal Resistant 10" x 10" Fixture provides clear and concise illumination for a higher level of safety for public and confined spaces as an affordable, maintenance free lighting solution. The tamper-proof hardware is designed to withstand extreme physical assault and environmental abuse. Solar and Battery option for Shipping Containers.

Ideal for Rest Areas, Public Restrooms, Transit Locations, Pedestrian Tunnels and Shipping Containers. Anti Ligature when ceiling mounted.



VR10 Series 10"x10"

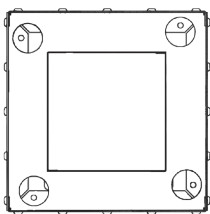
DIMENSIONS



FEATURES

- Vandal Resistant enclosure Cold Rolled 12 gauge steel. Powder coated after 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.
- Solar Option has the Solar Controller and Batteries safely included in the Enclosure only 2 wires going to solar panel.

MOUNTING OPTIONS



NOTE: Contact factory for more mounting options.



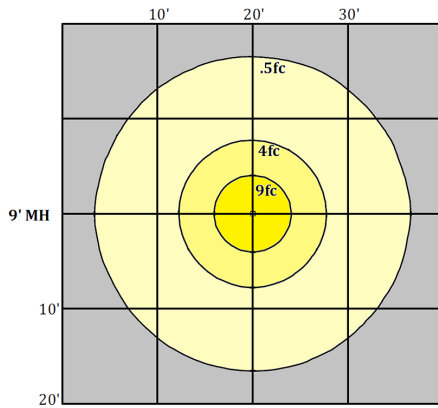
LIGHT OUTPUT	WATTS	LUMENS per WATT	LIGHT COLOR (CCT)
2,764 lm	25.3 W	109.2 lm/W	3990 K

NOTE: Lighting Facts shown for VR10DD 24W only.

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	18 or 24 Watt	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
Power Factor	> 0.98 (at ~120 Volts)	Housing	12 Gauge Cold Rolled steel for enclosure, aluminum for heat sinking parts, stainless steel hardware.
THD	Total Harmonic Distortion (THD) <15%	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)
Solar Option	Solar Driver and Charger, 180Wh Battery	Weight	12 pounds (5.44 kg)
Operating Temperature	-58° F to 149° F (-50° C to 65° C)	Touch Bolt Option	Allows turning on/off or 5 dimming levels
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-SU-N50R18WH

Style	Driver	Mount	Voltage	Options	CCT	Power	Color
VR10 Vandal Resistant Fixture	DD Dual Driver	S Surface Mount	U 100...277 VAC, 50/60 Hz	M Motion Sensor	50 5,000K	R18 18 Watt	SS Stainless Unpainted
	SD Single Driver	ST Touch Bolt	N None ¹	DD Dusk to Dawn	40 4,000K	R24 24 Watt	CG Charcoal
	BCD Battery Charger & Driver		S 100W Solar Panel w. Mount ²	N No Option	35 3,500K		WH White
					30 3,000K		X Custom
					27 2,700K		

¹ Requires remote driver. Consult factory.

² Solar panel with weldable flat mount to steel container.