

VRLS Series Solar Vandal Resistant Linear Light

VANDAL RESISTANT LIGHTING

300-480V

100-277V

LM79 LM80

IP65



PROJECT INFORMATION

Project Name _____

Catalog No. _____ Date _____

DESCRIPTION

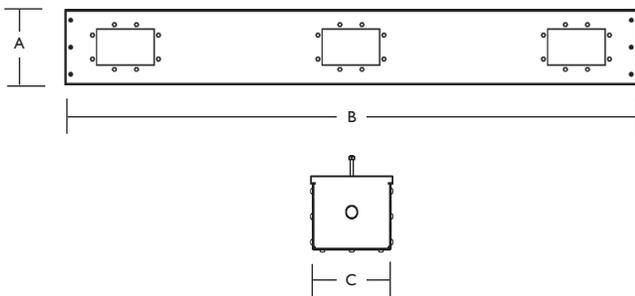
The ActiveLED® VRLS Series Solar Vandal Resistant Linear Light is a Solar-Ready fixture designed to resist the harshest abuses while providing clear and concise illumination providing a higher level of safety in an affordable, maintenance free lighting solution. The tamper-proof hardware is designed to withstand extreme physical assault and environmental abuse.

Applications include: Public Parks, Public Restrooms, Rest Stops, Transit Station, Pedestrian Tunnels & Walkways



VRL Series Vandal Resistant Linear Light

DIMENSIONS



A	B	C
5"	48"	6.25"
12.7cm	121.92cm	15.87cm

FEATURES

- Vandal Resistant Enclosure - Cold Rolled 12 gauge steel. Powder coated fabrication.
- High Impact Diffuser - Tested at over 6 joules.
- ActiveREST™ Dimming Technology - Fixture may be automatically dimmed when full light levels are not required. EXAMPLE - Dimming level 40 equates to less than 9% of actual watts being consumed.
- ThermalDRAW™ Cooling Technology - Patented cooling technology ensures LED components will equal or exceed warranty.
- Dusk/Dawn Sensor - Optional photocell allows fixture to automatically turn on or off based on daylight detection.
- IR Receiver - Optional integral IR sensor only for ON-to-Dim programming.
- 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

Contact factory for mounting options.



LIGHT OUTPUT

3,924 lm

WATTS

36 W

LUMENS per WATT

109 lm/W

LIGHT COLOR (CCT)

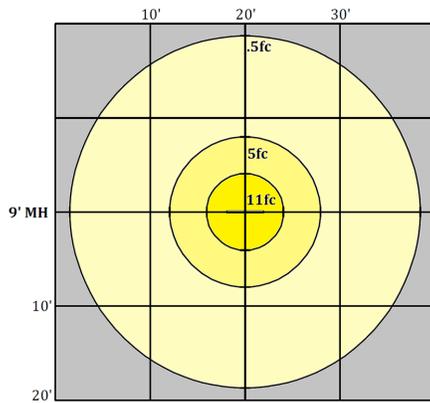
5000 K

ActiveLED®
Energy Efficient Lighting and Controls

NOTE: Lighting Facts shown for VRL, 36W only.
For more Lighting Facts, visit lightingfacts.com for the Label and Label Reference Guide.



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 VRL, 36W only. Contact company for photometrics on other sizes.

GENERAL SPECIFICATIONS

Input Voltage	Auto-sensing, 100-277 Volts AC, 50/60 Hz; Auto-sensing, 300-480 Volts AC, 50/60 Hz	LED Optics	IP65 rated, thermally bonded LEDs, borosilicate glass lens w/silicone sealing. Patented thermal management mounting system
Input Power	30 Input Watts 36 LED Watts	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
Power Factor	> 0.95 (at ~100-277 Volts)	Housing	Extruded aluminum for enclosure and heat sinking parts, stainless steel hardware
THD	Total Harmonic Distortion (THD) <20% (typical 9.9%)	Finish	Powder coated after fabrication
Driver	Integral driver with integrated intelligent controls and integral heat sink	Dimensions	6.25" Wide x 48" Long and 5" High (15.87cm x 121.92cm x 12.7cm)
Operating Temperature	-58° F to 149° F (-50° C to 65° C)	Weight	65 pounds (29.5kg) (48" length)
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

cUL listed driver, CE, suitable for exterior locations. RoHS compliant. IP65 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: VRLS4806-S-C5036SL

Style	Battery	Mount	Diffuser	CCT	Watts	Color	Options
VRLS48	06	S	C	50	36	SL	Q
48" Light 36W Max	Internal 6.4 Amp/ Hour Lithium LiFePO	Surface / Rafter Mount, Vandal Proof	High Impact Diffuser	5,000K	36W LED, 30W Max Lumens at 5,000K	Silver	Pigtail, 10' AC Indoor/Outdoor Whip
	09	W		40		BK	T
	Internal 9.6 Amp/ Hour Lithium LiFePO	Wall Mount, Vandal Proof		4,000K		Black	Motion only, with J Power Supply only
	12			35		BR	
	Internal 13.2 Amp/ Hour Lithium LiFePO			3,500K		Brown	
	EX			30		BZ	
	Separate External Battery Pack			3,000K		Bronze	
				27		CG	
				2,700K		Charcoal	
						WH	
						White	
						X	
						Custom	