

VRES Series Vandal Resistant Exit Sign

100-277V

**LM79
LM80**

IP64



PROJECT INFORMATION

Project Name _____

Catalog No. _____ Date _____

DESCRIPTION

The ActiveLED VRES Series Emergency Exit Sign is designed to withstand the repeated extreme abuse that emergency exit signs can be subjected to. The Enclosure is fabricated from 12 Gauge Cold Rolled steel or stainless steel and aluminum for the heat sinking parts and stainless steel hardware.

Applications include: Federal, State and County prisons, jails and juvenile detention centers or public spaces and covered parking structures.



Exit Sign with Emergency Light

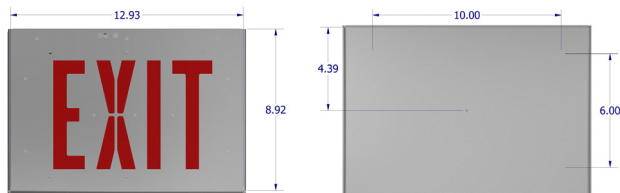


Single Sided - Ceiling Mount



Anti Ligature - Wall Mount

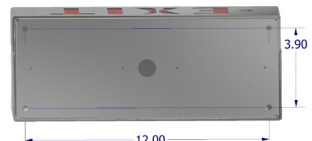
DIMENSIONS



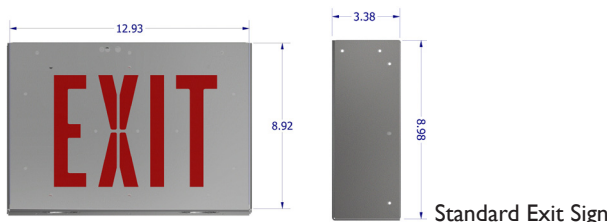
Single Sided - Wall Mount



Single Sided - Ceiling Mount



Double Sided - Ceiling Mount



Standard Exit Sign

FEATURES

- Concise illumination designed to withstand repeated abuse makes this fixture suitable for correctional applications like jails, holding cells and prisons as well as public transport.
- High Impact Diffuser - Tested at over 6 joules.
- Anti-Ligature when mounted:
 - Top against ceiling.
 - Top and back against ceiling and wall.
 - When mounted below or at 3ft from the floor.
- Visible Battery and Status LED, accessible test button.
- Battery Backup Enabled - This option provides 48V DC support for an Emergency Battery Backup Unit (BBU sold separately) creating an Emergency LED Light Fixture.
- More than 3 hours (180 minutes) of light output on power failure
- Warranty - 10 Year Warranty on LED elements, fixture housing, and LED Driver.



LIGHT OUTPUT
2,088 lm

WATTS
18 W

LUMENS per WATT
116 lm/W

LIGHT COLOR (CCT)
5000 K

ActiveLED[®]
Energy Efficient Lighting and Controls



VRES Series Vandal Resistant Exit Sign

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.

GENERAL SPECIFICATIONS

Input Voltage	Auto-sensing, 100-277 Volts AC, 50/60 Hz	LED Optics	IP64 rated, heat sink, thermally bonded LEDs., and patented thermal management mounting system
Input Power	06 and 18 Watts	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
Power Factor	> 0.96 (at ~100-277 Volts)	Housing	Fabricated aluminum .063 thickness for heat sinking parts, electroplated galvanized steel for enclosure, stainless steel hardware
THD	Total Harmonic Distortion (THD) <20% (typical 9%)	Finish	Powder coated after fabrication
Driver	Integral driver with aluminum housing, integrated intelligent controls and integral heat sink	Dimensions (Flood - SS)	13" Wide x 10" High x 4.1" Deep (53.34cm x 21.59cm x 11.43cm)
Dry Contact Input	Flood light comes ON on power failure or when external dry contact (Normally Open) activates	Dimensions (Single Sided)	13" Wide x 8" High x 4.1" Deep
Operating Temperature	-58° F to 149° F (-50° C to 65° C)	Dimensions (Double Sided)	13" Wide x 8" High x 5.2" Deep
Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)	Weight (Flood)	12 pounds (5.44kg)
		Weight (Single Sided)	8 pounds (3.63kg)

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.

LISTINGS AND TESTS

cUL listed driver, CE, suitable for damp locations. RoHS compliant. IP64 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: (WITH BBU OPTION) VRES-U ESS-RAN5006WH Example: (WITHOUT BBU OPTION) VRES-USS-RAN5006WH

VRES									
Style	Voltage	BBU	Mount	Diffuser	Arrows	Flood	CCT	Watts	Color
VRES	U	E	SS	R	A	FF	50	06	WH
Vandal Resistant Exit Sign	100-277 VAC, 50/60 Hz, 0-10 Volt Dimming	Emergency Battery Backup	Single Sided Surface Mount	Red, High Impact Resistant Polycarbonate	Both Arrows	Forward Flood Lights	5,000K	8 Watt (Small Sign)	White
	H	Leave Blank for NO Emergency Battery Backup	SC	G	L	DF	40	18	BK
	300-480 VAC, 50/60 Hz., Auto Sensing		Single Sided Ceiling Mount	Green, High Impact Resistant Polycarbonate	Left Arrow	Down Flood Lights	4,000K	18 Watt (with Flood Light)	Black
	N		SP		R	N	35		BR
	None ¹		Single Sided Pendant Mount		Right Arrow	No Flood Light Small Exit Sign	3,500K		Brown
			DC		N		30		BZ
			Double Sided Ceiling Mount		No Arrows		3,000K		Bronze
			DP				27		CG
			Double Sided Pendant Mount				2,700K		Charcoal
									SL
									Silver
									X
									Custom

¹ Requires remote driver. Consult factory.

² No AC Support.