

# RPVR VANDAL RESISTANT NBC2015 COMPLIANT

The RPVR series is designed to withstand extremely abusive environments like correctional facilities and schools. The signs are constructed from 16 gauge steel with an integral Lexan shield. Available in AC only, AC/DC and internally self-powered versions.



## FEATURES & SPECIFICATIONS

### CIRCUITRY - AC & AC/DC

- LED ultra bright light source
- 120/277/347V AC Input, field selectable
- 1.9W power consumption single or double face
- Emergency DC wattages as follows:  
 6V DC = 0.9W 12V DC = 0.9W  
 24V DC = 0.9W

### CIRCUITRY - SELF-POWERED

- LED ultra bright light source
- 120/277/347V AC Input, field selectable
- 2.0W power consumption single or double face

- High-performance, sealed Ni-Cad battery
- 90 minutes emergency duration (standard)
- 120 minutes emergency duration is optional
- Solid state transfer and battery charger

### CIRCUITRY - NUCLEUS

- Emergency DC wattage as follow:  
 24 V DC = 0.10 A/2.4 W
- This unit can be connected to Nucleus's smart battery unit. Please view the Nucleus brochure for more details on this technology

### MECHANICAL





- 16 Gauge heavy-duty steel construction standard
- Solid and durable wrap-around faceplate design
- Integral polycarbonate shield behind full steel faceplate to prevent punch through
- Stainless steel, vandal-proof screws standard
- Universal spider knockout pattern stamped into backplate for junction box
- Full width/height, ceiling or end mount canopy
- White powder coat finish standard, other finishes and colors optional

### COMPLIANCE

- Meets requirements of ICES-005

### APPROVALS

- CSA Certified to C22.2 #141-15 and C860

OVERVIEW			
LIGHT SOURCE	LED	DC VOLTAGE (V DC)	6, 12, 24
INPUT VOLTAGE (V AC)	120/277/347	DC POWER (W)	0.9
INPUT POWER	1.9W AC & AC/DC single or double face 2W self-powered single or double face	DC POWER/VOLTAGE (NUCLEUS)	24 V = 2.4 W
<div>  LED            ICES 005            NUCLEUS COMPATIBLE            SPS®  <small>Energy Verified Energie Vérifiée</small> </div>			

## TYPICAL SPECIFICATION



### TYPICAL SPECIFICATION

Supply and install Aimlite RPVR series vandal resistant, all steel 16-gauge housing, factory installed behind the face plate, high impact Lexan shield Running Man Exit Signs. The sign shall operate with AC/DC field selectable 120/277/347 V AC Input, field selectable Emergency DC voltage as follows 6 V 0.9 W, 12 V 0.9 W, 24 V DC 0.9 W. The Self powered configuration shall be AC field selectable 120/277/347v and consist of a long lasting Nickel-Cadmium battery and shall stay illuminated for a minimum of 120 minutes upon AC failure. The face shall be illuminated by using Nichia LED ultra-bright light source. The sign shall be either: wall, end, or ceiling mount and come as single for double face. The frame and back plate shall each be of a one-piece steel construction and come with a full width / height, ceiling or end mount canopy. The Exit Running Man Sign shall be CSA 22.2 No.141-15 certified, ICES 005 compliant and be Aimlite model number RPVR\_\_\_\_\_.

## ORDERING GUIDE

RPVR				-		/	
SERIES	NBR OF FACES	MOUNTING	FRAME COLOR	DC VOLTAGE*	OPTIONS		
RPVR	1 - SINGLE FACE	CM - CEILING	WHT - White (standard)	UNVDC - UNIVERSAL DC BACKUP	ATD <sup>1</sup> , BKO <sup>2</sup> , BNO <sup>2</sup> , SPW, VCC, WGO <sup>3</sup>		
	2 - DOUBLE FACE	WM - WALL MOUNT EM - END MOUNT	CUS - Custom color (please specify)	VOLTAGE 6, 12 AND 24VDC BAT - SELF-POWERED FOR 90 MINUTES BAT1 - SELF-POWERED FOR 120 MINUTES NUC - NUCLEUS DRIVER	0- NO INDICATORS (DOUBLE FACE ONLY) ↓ ↑ ↗ ↘ ↙ ↘ 0 U URDRDLUL Note: Indicators option available for single & double option only.		

\* If AC only is required, select the UNVDC option and do not connect the DC wires when installing.

<sup>1</sup> ATD available with BAT and BAT1.

<sup>2</sup> Available only with OP option.

<sup>3</sup> Specify mounting.

## OPTIONS

DESCRIPTION	DESCRIPTION
<b>ATD</b> AUTOMATIC TEST SELF-DIAGNOSTIC	<b>SPW</b> SPECIAL WORDING
<b>BKO</b> BLACK OUT OPTION <sup>1</sup> (SPECIAL WORDING)	<b>VCC</b> HEAVY-DUTY FULL WIDTH CEILING MOUNT CANOPY
<b>BNO</b> WHITE OUT OPTION <sup>1</sup> (SPECIAL WORDING)	<b>WGO</b> WIREGUARD (SEPARATE ORDER)

<sup>1</sup> Available only with OP option.

## WIREGUARD<sup>1</sup>

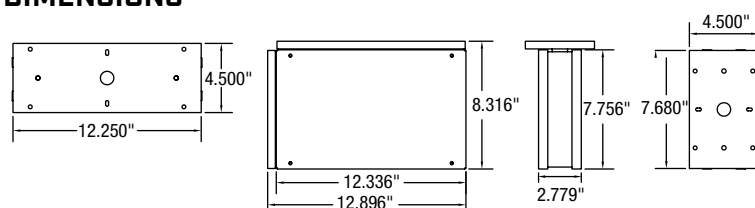
	PART NUMBER	DIMENSION [IN]
<b>WALL MOUNT</b>	WGD520-V2	15.75 X 11.5 X 4.5
<b>CEILING MOUNT</b>	WGD540	14.5 X 6.25 X 10.5
<b>END MOUNT</b>	WGD650-V2	17.75 X 17.75 X 16.50

<sup>1</sup> Please contact your AIMLITE customer service representative for more information.

## LEXAN GUARD

	PART NUMBER	DIMENSION [IN]
<b>WALL MOUNT</b>	PGD109	14 X 9.75 X 3.5
<b>CEILING MOUNT</b>	PGD110	14 X 5.75 X 10
<b>END MOUNT</b>	PGD106	5.5 X 9.25 X 18.5

## DIMENSIONS



## CONFIGURATIONS



Comes standard (single face) with three pictogram legends for direction selection.



For double face no arrow options, select "0" on the options column.



Comes standard (double face) with two pictogram legends.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.