

# RPALW EXTRUDED ALUMINIUM

The clean lines of the RPALW series of commercial extruded aluminum signs present a fully modern appearance. The extruded aluminum provides for a rigid, durable and lightweight sign. Available in AC only, AC/DC and internally self-powered versions.



## FEATURES & SPECIFICATIONS

### CIRCUITRY - AC & AC/DC

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

### CIRCUITRY - SELF-POWERED

- LED ultra bright light source
- 120/277/347 V AC Input, field selectable
- 2 W power consumption single or double face
- High-performance, Ni-Cad battery
- 120 minutes emergency duration
- 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

- Extruded aluminium construction
- Slide in/out captive face-plate(s) and backplate for rapid and simplified installation
- Universal spider knockout

patterns stamped into backplate for junction box mounting





- Universal models include ceiling or end mount , field installable canopy kit c/w spider plate
- White powder coat finish standard, other finishes and colours optional

### COMPLIANCE

- Meets requirements of ICES-005

### APPROVALS

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

OVERVIEW	
LIGHT SOURCE	LED
INPUT VOLTAGE [V AC]	120/277/347
INPUT POWER	1.9 W AC & AC/DC single or double face 2 W self-powered single or double face
DC VOLTAGE [VDC]	6, 12, 24
DC POWER [W]	0.9
DC POWER/VOLTAGE [NUCLEUS]	24 V = 2.4 W
<div>  NUCLEUS COMPATIBLE            LED            ICES 005            SP Energy Verified         </div>	

For complete warranty details, please see our terms and conditions in our website.

## TYPICAL SPECIFICATION



### TYPICAL SPECIFICATION

Supply and install AimLite RPALW Series, Extruded Aluminum 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 120/277/347 V 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 suitable for wall, end, or ceiling mount and come complete with 3 Running Man fibers for universal direction. The frame and back plate shall each be of a one-piece extruded aluminium construction. The Exit Running Man Sign shall be CSA 22.2 No.141-15 certified, ICES 005 compliant and be AimLite model number RPALW\_\_\_\_\_.

## ORDERING GUIDE

RPALW		M		-		/	
SERIES	NBR OF FACES	MOUNTING	COLOR	DC VOLTAGE*	OPTIONS		
RPALW	1 - SINGLE FACE 2 - DOUBLE FACE U - UNIVERSAL FACE	M - UNIVERSAL	WHT - WHITE (STANDARD) BLK - BLACK GRY - GREY BSH - BRUSHED ALUMINIUM CUS - CUSTOM COLOR (PLEASE SPECIFY)	UNVDC - UNIVERSAL DC BACKUP VOLTAGE 6, 12 AND 24 VDC BAT1 - SELF-POWERED FOR 120 MINUTES NUC - NUCLEUS DRIVER	ATD <sup>1</sup> , BKO, BNO, K5, LXS <sup>2</sup> , PGD <sup>2</sup> , SPW, VDR, WGD <sup>2</sup> , LBN  O - NO INDICATORS (DOUBLE FACE ONLY)  ↓ ↑ ↗ ↘ ↙ ↖ D U UR DR DL UL		

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

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

<sup>2</sup> Specify mounting.

## OPTIONS

DESCRIPTION		DESCRIPTION	
<b>ATD</b>	AUTOMATIC TEST SELF-DIAGNOSTIC	<b>PGD</b>	LEXAN GUARD (SEPARATE ORDER)
<b>BKO</b>	BLACK OUT OPTION (SPECIAL WORDING)	<b>SPW</b>	SPECIAL WORDING
<b>BNO</b>	WHITE OUT OPTION (SPECIAL WORDING)	<b>VDR</b>	VANDAL RESISTANT SCREWS
<b>K5</b>	1/2" KNOCKOUT FOR PENDANT MOUNT	<b>WGD</b>	WARD (SEPARATE ORDER)
<b>LXS</b>	VANDAL RESISTANT SHIELD	<b>LBN</b>	LOW BRIGHTNESS

## WIREGUARD<sup>1</sup>

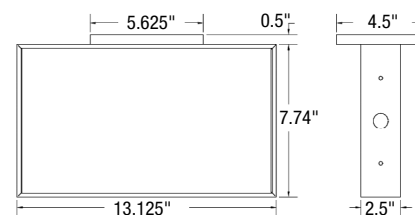
	PART NUMBER	DIMENSIONS (IN)
<b>WALL MOUNT</b>	WGD520-V2	15.75 X 11.5 X 4.5
<b>CEILING MOUNT</b>	WGD540	14.5 X 6.25 X 10.5
<b>END MOUNT</b>	WGD650-V2	17.75 X 17.75 X 16.50

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

## WIREGUARD<sup>1</sup>

	PART NUMBER	DIMENSIONS (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



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



Comes standard (double face) with two pictogram legends.



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