

# RPST

## STEEL RUNNING MAN SIGN

### Specification grade sign



The clean lines of the RPST series of commercial steel signs present a fully modern appearance. The high quality steel housing eliminates light leaks and provides superior illumination and uniformity. The RPST series offers a wide variety of options.

#### FEATURES & SPECIFICATIONS

##### CIRCUITRY - AC & AC/DC

- Nichia LED ultra bright light source
- 120/277/347 V AC Input, field selectable
- 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

- Nichia LED ultra bright light source
- 120/277/347 V AC Input, field selectable
- High-performance, Ni-Cad battery
- 90 or 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.

- Universal mounting: ceiling mount, wall mount, end mount
- White powder coat finish standard, other colors optional

##### APPROVALS

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

##### MECHANICAL

- 18 gauge steel construction
- Universal faces

##### COMPLIANCE

- Meets requirements of ICES-005

| OVERVIEW                    |   |                                   |              |
|-----------------------------|---|-----------------------------------|--------------|
| <b>LIGHT SOURCE</b>         | LED   | <b>DC VOLTAGE (VDC)</b>           | 6, 12, 24    |
| <b>INPUT VOLTAGE (V AC)</b> | 120/277/347   | <b>DC POWER (W)</b>               | 0.9          |
| <b>INPUT POWER (W)</b>      | 1.9 AC & AC/DC SINGLE OR DOUBLE FACE<br>2W SELF-POWERED SINGLE OR DOUBLE FACE | <b>DC POWER/VOLTAGE (NUCLEUS)</b> | 24 V = 2.4 W |



NUCLEUS COMPATIBLE



LED



QUICKSHIP



ICES 005



CSA®  
Energy Verified  
Energie Vérifiée

#### POWER CONSUMPTION TABLE

| MODEL      | VOLTAGE | POWER  | CURRENT |
|------------|---------|--------|---------|
| RPST-BAT   | 120 V   | 2 W    | 0.024 A |
|            | 277 V   | 1.5 W  | 0.007 A |
|            | 347 V   | 1.9 W  | 0.008 A |
| RPST-BAT1  | 120 V   | 3.35 W | 0.034 A |
|            | 277 V   | 2.63 W | 0.01 A  |
|            | 347 V   | 3.31 W | 0.012 A |
| RPST-UNVDC | 120 V   | 1.8 W  | 0.022 A |
|            | 277 V   | 1.4 W  | 0.006 A |
|            | 347 V   | 1.7 W  | 0.007 A |

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

## TYPICAL SPECIFICATION



### TYPICAL SPECIFICATION

Supply and install Aimlite RPST Series, all steel 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 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 steel construction. The Exit Running Man Sign shall be CSA 22.2 No.141-15 certified, ICES Q05 compliant and be Aimlite model number RPST\_\_\_\_\_.

## QUICK SHIP GUIDE

| PART NUMBER     | DC VOLTS [V DC] | NBR OF FACES | LIGHT SOURCE | INPUT VOLTS [VAC] | COLOR |
|-----------------|-----------------|--------------|--------------|-------------------|-------|
| RPSTUMWH-BAT1   | BAT1            | UNIVERSAL    | LED          | 120/277/347       | WHITE |
| RPSTUMWHT-UNVDC | UNVDC           | UNIVERSAL    | LED          | 120/277/347       | WHITE |

## ORDERING GUIDE

| RPST   |   | M             |  | -  |   | / |  |
|--------|---|---------------|--|--|---|---|--|
| SERIES | NBR OF FACES  | MOUNTING      | COLOR  | DC VOLTAGE*  | OPTIONS   |   |  |
| RPST   | U - UNIVERSAL FACES<br>1 - SINGLE FACE<br>2 - DOUBLE FACE | M - UNIVERSAL | WHT - WHITE<br>BLK - BLACK<br>GRY - GREY<br>CUS - CUSTOM COLOR<br>(PLEASE SPECIFY) | UNVDC - UNIVERSAL DC BACKUP VOLTAGE<br>FROM 6 TO 24 V DC<br>BAT - SELF-POWERED FOR 90 MINUTES<br>BAT1 - SELF-POWERED FOR 120 MINUTES<br>NUC - NUCLEUS DRIVER | ATD <sup>1</sup> , BKO, BNO, K5, PGD, SPW,<br>VDR, WGD <sup>2</sup> , LBN<br>0 - NO INDICATORS<br>[DOUBLE FACE ONLY]<br><br>Note: Indicators option available<br>for single & double option<br>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> 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> WIREGUARD (SEPARATE ORDER)   |
| <b>LBN</b> LOW BRIGHTNESS                     |   |

## WIREGUARD<sup>1</sup>

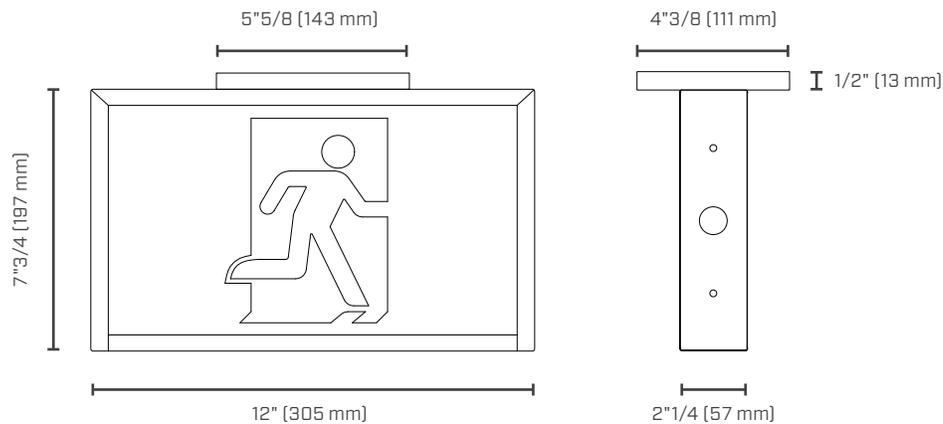
|               | PART NUMBER | DIMENSIONS (IN)       |
|---------------|-------------|-----------------------|
| WALL MOUNT    | WGD520-V2   | 15.75 X 11.5 X 4.5    |
| CEILING MOUNT | WGD540-V2   | 18.25 X 9.75 X 10.5   |
| END MOUNT     | WGD650-V2   | 17.75 X 17.75 X 16.50 |

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

## LEXAN GUARD

|               | PART NUMBER | DIMENSIONS (IN)   |
|---------------|-------------|-------------------|
| WALL MOUNT    | PGD109      | 14 X 9.75 X 3.5   |
| CEILING MOUNT | PGD110      | 14 X 5.75 X 10    |
| END MOUNT     | 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 "No indicators" on the options column.