

# RPEL

## EDGELIT UNIVERSAL MOUNTING

The RPEL series of commercial edgelit signs provides interiors with a clean, distinguished appearance. Standard universal surface mount with optional recessed backbox assembly. The RPEL series is available in internally self-powered versions.



### FEATURES & SPECIFICATIONS

#### CIRCUITY - SELF-POWERED

- LED ultra bright light source
- 120/277/347 VAC Input, field selectable
- Maximum Input (BAT suffix): 120 V/0.340 A/2.80 W or 277 V/0.25A/2.00 W or 347 V/0.330 A/ 3.00 W
- Maximum input (BAT1 suffix): 120 V/0.33 A/2.64 W or 277 V/0.25 A/2.00 W or 347 V/0.32 A/ 2.64 W
- High-performance, sealed Ni-Cad battery
- 90 minutes emergency duration [standard]
- Solid state transfer and battery charger

#### CIRCUITRY - NUCLEUS

- Emergency DC wattage as follow:  
24 V = 0.076 A/1.8 W
- This unit can be connected to Nucleus's smart battery unit. Please view the Nucleus brochure for more details on this technology.

#### SPECIFICATIONS

- Chassis, backbox and painted finish trims are constructed of steel; other finish trims and backboxes are made from high grade aluminum
- All electronics and faceplate mounted to single chassis for rapid and simple installation
- Separate backbox/housing can be pre-installed at any time prior to faceplate and electronics
- Hanger bars for drywall ceilings or walls included.
- Maximum extension of 540 mm
- Every unit come standard with multiple running man legends

#### APPROVALS

- CSA Certified to C22.2 #141-15
- CSA Certified to C860-1

#### COMPLIANCE

- Meets requirements of ICES-005

OVERVIEW			
LIGHT SOURCE	INPUT VOLTAGE [VAC]	POWER CONSUMPTION: SELF-POWERED	
LED	120/277/347	MAXIMUM INPUT (BAT SUFFIX): 120 V/0.340 A/2.80 W OR 277/0.25A/2.00 W OR 347 V/0.330 A/ 3.00 W	
DC POWER/VOLTAGE (NUCLEUS)	24 V = 1.8 W	NUCLEUS COMPATIBLE	LED

ICES 005

Energy Verified  
Énergie Vérifiée

## TYPICAL SPECIFICATION



### TYPICAL SPECIFICATION

Supply and install Aimlite RPEL Series, The Running Man Edgelit Exit Sign shall operate with field selectable 120/277/347 V AC Input. 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 90 minutes upon AC failure. The face shall be illuminated by using Nichia LED ultra-bright light source. The sign shall be surface mount and suitable for, end, ceiling, or pivoting mechanism for wall mount and come complete with 3 Running Man fibers for universal direction. The frame shall be extruded aluminum and come complete with a polycarbonate face plate for maximum uniformity. The recessed option shall consist of a rigid steel back box and come complete with field adjustable hanger bars. The Exit Running Man Sign shall be CSA 22.2 No.141-15 certified, ICES 005 compliant and be Aimlite model number RPEL\_\_\_\_\_.

## ORDERING GUIDE

RPEL			-	/
<b>SERIES</b>	<b>NBR OF FACES</b>	<b>MOUNTING</b>	<b>COLOR</b>	<b>DC VOLTAGE (VDC)</b>
RPEL	U - UNIVERSAL FACES 1 - SINGLE FACE 2 - DOUBLE FACE	M - UNIVERSAL MOUNT	BSH - BRUSHED ALUMINUM <sup>1</sup>	BAT - SELF-POWERED FOR 90 MINUTES <sup>2</sup> NUC - NUCLEUS DRIVER
				CCWH - CANOPY AND ENDCAPS WHITE (FOR BRUSHED ALUMINUM ONLY)
				O - NO INDICATORS (DOUBLE FACE ONLY)  ↓ ↑ ↗ ↘ ↙ ↖ D U UR DR DL UL
				Note: Indicators option available for single & double option only

<sup>1</sup> Black end caps and canopy (standard)<sup>2</sup> BAT versions not intended for installation on generators

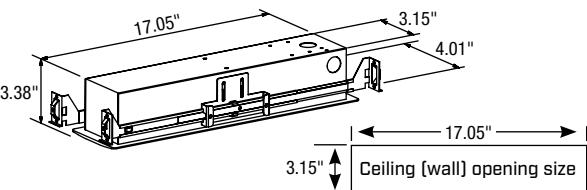
## PENDANT MOUNTING

PART NUMBER	TYPE
PM-EDGLT	Pendant mount

## MOUNTING

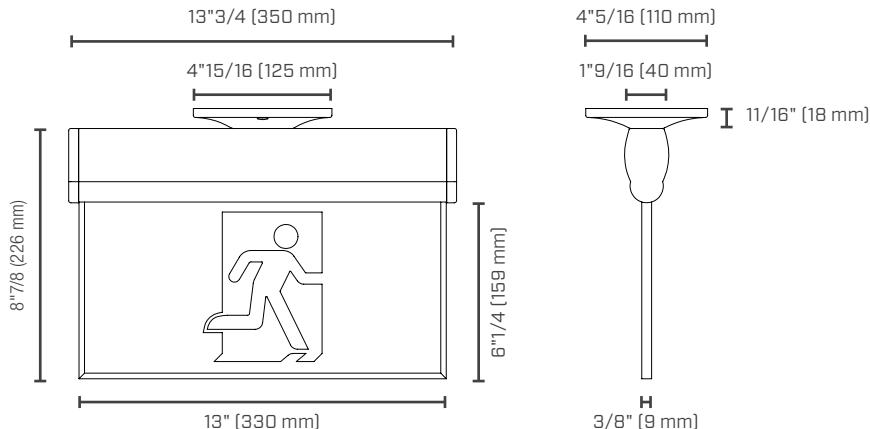
**RECESSED MOUNTING CONVERSION KIT**

To convert from surface mount to recessed mount, please order appropriate coloured mounting conversion kit separately.



BBX-ALEL-BA - Recessed backbox with brushed aluminum trim

## DIMENSIONS



Comes standard with three pictogram legends for direction selection.

