

CRPB

10" HIGH-VISIBILITY STEEL COMBO

The CRPB high-visibility combo is engineered with 10" high-contrast characters and high-output LED illumination to ensure optimal legibility over extended viewing distances. Designed for durability and operational reliability in demanding environments, the unit delivers precise exit indication with fully integrated emergency lighting for critical egress conditions.



FEATURES & SPECIFICATIONS

CIRCUITRY

- LED ultra bright light source
- 120/347 V AC Input, field selectable, or 277 V AC
- 1.8 W power consumption for LED exit portion of combination sign
- LED Emergency DC wattages as follows:
6 V DC = 0.9 W,
12 V DC = 0.9 W
- 6 V DC or 12 V DC emergency power output versions [as specified]
- Wattage capacities from 36 to 50 W
- 30 minutes emergency power duration standard
- Momentary push button test switch
- Pilot LEDs for AC, ON and CHARGE
- Fully automatic, current limited charger

MECHANICAL

- Solid state design and construction
- Brownout and short circuit protection
- Temperature compensated
- Maintenance free, sealed lead acid battery

BLUETOOTH CONTROL

- Integrated Bluetooth technology allows for controllable features via the Aimlite Wave App
- Controllable features include:
 - Instantly view and control individual lights and emergency devices.
 - Easily group luminaires together and control them as a single unit.
 - Schedule functional and discharge tests at a chosen time
 - Generate, view and share reports seamlessly

COMPLIANCES

- CSA Certified to C22.2 #141
- Meets requirements of ICES-005

OVERVIEW

LIGHT SOURCE	LED	OUTPUT CAPACITY [W]	36 - 50
INPUT VOLTAGE [V AC]	120/347, 277		
 ICES 005  Energy Verified Energie Verified			

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

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.

TYPICAL SPECIFICATION



TYPICAL SPECIFICATION

Supply and install Aimlite's Steel CRPB Running Man and Battery combination unit. The sign shall be all steel Running Man Exit Signs. The sign shall operate with AC/DC field selectable 120/347 or 277 V AC Input. The face shall be illuminated by using 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 sign shall be CSA C22.2 141 and ICES compliant.

The battery shall be a cabinet model A. The unit shall be rated 120 V, 277 V or 347 V, 60 Hz constructed of durable 18 gauge steel and be CSA listed to C22.2 141 and be ICES 005 compliant. The unit shall have an output of: ___V and ___W and come complete with [0], [1] or [2] x ___ W LED heads producing [___] lumens each. The charge voltage factory set to $\pm 1\%$ tolerance. High efficiency, rapid recovery, precision control charging system shall be employed to promote long battery life and reduce the potential for grid corrosion. The unit shall also feature integrated Bluetooth connectivity for monitoring and configuration of the system, allowing users to view system status and perform diagnostics via a mobile app. The charger shall provide a continuous high charge to recharge the battery, when the battery is at full capacity, the charger will shut-off. Periodically the charger shall provide a pulse of energy to keep the battery at full voltage. The pulse charger shall be precisely regulated and shall charge the battery in relation to its temperature, state of charge and input voltage fluctuations. The charger shall be current limited, temperature compensated, short-circuit proof and reverse polarity protected. The unit shall be furnished with an electronic lockout circuit, which will connect the battery when the AC circuit is activated, and an electronic brownout circuit, which will activate the emergency lights when utility power dips below 75% of nominal voltage. A low voltage battery protection circuit shall be provided and will disconnect the load when the battery reaches the end of discharge.

The Aimlite Sign and Battery combination unit shall be CRPB

ORDERING GUIDE

CRPB										
SERIES	VOLTS [V]	WATTS [W]	NBR OF FACES	NBR OF HEADS	HEAD / LAMP	LAMP	INPUT VOLTAGE [V]	COLORS	OPTIONS	
CRPB	06 - 6	036 - 36 050 - 50	U - UNIVERSAL FACES	0 - NO HEADS	BLANK - NO HEADS	SEE LAMP SELECTION CHART BELOW	BLANK - 120/347 277 - 277	WHT - WHITE	ATD BT (BLUETOOTH WAVE OPTION)	
	12 - 12	036 - 36 050 - 50		1 - ONE HEADS 2 - TWO HEADS	SM - PAR18/ MR16 MD - MR16 MB - MR16 HO ¹ - INDUSTRIAL					

¹Not suitable for ceiling mount

FIBERS

MODEL	DESCRIPTION
FIBER-G-B-0	RUNNING MAN 10 INCH NO-ARROW
FIBER-G-B-L	RUNNING MAN 10 INCH ARROW LEFT
FIBER-G-B-R	RUNNING MAN 10 INCH ARROW RIGHT
FIBER-J-10-U	RUNNING MAN 10 INCH ARROW UP
FIBER-J-10-D	RUNNING MAN 10 INCH ARROW DOWN
FIBER-J-10-LU	RUNNING MAN 10 INCH ARROW LEFT UP
FIBER-J-10-RU	RUNNING MAN 10 INCH ARROW RIGHT UP
FIBER-J-10-LD	RUNNING MAN 10 INCH ARROW LEFT DOWN
FIBER-J-10-RD	RUNNING MAN 10 INCH ARROW RIGHT DOWN

OPTIONS

	DESCRIPTION
ATD	AUTOMATIC TEST AND SELF-DIAGNOSTIC

SMART OPTION 

	DESCRIPTION
BT	WAVE BLUETOOTH

LAMP SELECTION

	6 V	12 V
PAR18 - Small head		
LED	3WLJ, 4WLJ, 5WLJ	3WLJ, 4WLJ, 5WLJ, 6WLA, 7WLA
MR16 - Small head c/w MR16		
LED	4WLR, 5WLA	4WLR, 5WLA, 6WLA, 7WLA
Industrial		
LED		5WLJ, 9WLJ, 14WLJ

MODEL RATINGS

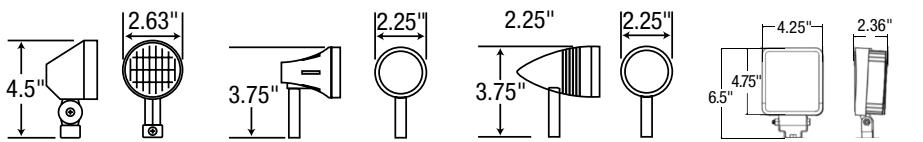
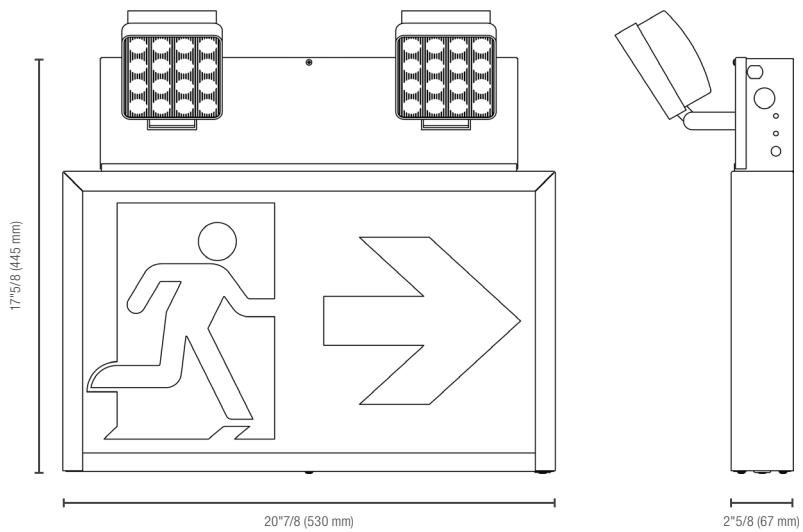
MODEL	VOLTS [V]	WATTAGE CAPACITIES [W]			
		30 MIN.	60 MIN.	90 MIN.	120 MIN.
CRPB0636	6	36	18	12	9
CRPB0650		50	25	16	12
CRPB1236	12	36	18	12	9
CRPB1250		50	25	16	12

LUMEN TABLE

WATTS	LUMENS
3W LJ	313
4W LJ	388
5W LJ	590
4W LR	388
5W LA	435
6W LA	507
7W LA	652
5W LJ INDUSTRIAL	630
9W LJ INDUSTRIAL	1100
14W LJ INDUSTRIAL	2578

SPACING GUIDE

MOUNTING HEIGHT	PAR18 AND MR16							INDUSTRIAL		
	SPACING CENTER TO CENTER (FT)							SPACING CENTER TO CENTER (FT)		
	3LJ	4LJ	5LJ	4LR	5LA	6LA	7LA	5LJ	9LJ	14LJ
8 FT	78	83	118	76	81	94	108	113	165	199
10 FT	75	76	118	79	78	93	106	110	160	194
15 FT	66	68	104	66	62	82	96	99	147	178
20 FT	53	53	91	53	49	73	87	86	133	164

DIMENSIONS**CONFIGURATIONS**

Comes standard with three pictogram legends for direction selection.