

NEPTUNE - EBWL EMERGENCY LED BATTERY UNIT



The EBWL is ideal for wet location, indoor/outdoor, commercial and institutional facilities where appearance and the facility of maintenance are desired. The unit makes it suitable for a variety of applications, including schools, arenas and parking garages. Universal spider knockout pattern stamped into backplate for junction box mounting.

FEATURES & SPECIFICATIONS

CIRCUITRY

- LED ultra bright light source
- 120/277 VAC Input
- 14 W LED consumption
- 1300 delivered lumens
- EM: Normally OFF
- High-performance, Ni-MH battery
- 90 minutes back-up
- 2 ultra-bright 5000 K colour led boards
- Adjustable and lockable LED

strips

- Magnetic test switch

MECHANICAL

- High quality corrosion, flame and vandal resistant polycarbonate
- Low profile
- IP65 rated - Suitable for damp & wet locations
- Fully sealed and gasketed enclosure for damp and wet location applications






- Frosted polycarbonate lens
- Junction box knock-out embedded on back plate
- Multiple key hole mounting
- Surface/ceiling mount is standard
- Recessed and T-Bar mountings are optional
- ATD auto test is standard

COMPLIANCE

- Meets requirements of ICES-005

APPROVALS

- CSA Certified to C22.2 #141-15
- Suitable for damp & wet locations

OVERVIEW				
LIGHT SOURCE		INPUT VOLTAGE [VAC]		
LED		120/277		
 LED	 WET LOCATION	 65 IP RATING	 ICES 005	

TYPICAL SPECIFICATION



TYPICAL SPECIFICATION

Supply and install Aimlite EBWL. The unit shall be rated 120 V/277 V , 60 Hz constructed of durable polycarbonate housing and be CSA listed to C22.2 141-15, IP65 and be ICES 005 compliant. The unit shall consist of an LED ultra- bright light source,14 W LED consumption ,1 300 delivered lumens, high-performance Ni-MH battery , 90 minutes back-up complete with 2 ultra-bright 5 000 K color LED boards ,adjustable and lockable LED strips and a magnetic test switch.

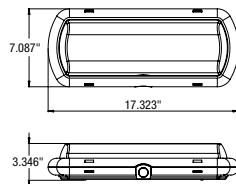
The charge voltage factory set to $\pm 1\%$ tolerance. High efficiency, rapid recovery, precision control charging system shall be employed to promote long battery life and reduce the potential for grid corrosion. The charger shall provide a continuous high charge to recharge the battery, when the battery 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 battery shall come complete with an auto diagnostic micro-controller board and shall supply the rated load for a minimum of a 1/2 hour to 87.5% of the rated battery voltage. The Aimlite battery unit shall come complete with the Auto Test function. The automated testing performed by the Aimlite auto test system has been designed to comply with all of the requirements of the National Fire Code. Every month a 5 minute discharge and diagnostic test checks the operational status of the unit. Every 12 months, this test is extended to the full 30 minute, code required duration. This ensures that the battery charger is recharging the battery in accordance with code requirements. The unit shall be Aimlite model: EBWL_____

ORDERING GUIDE

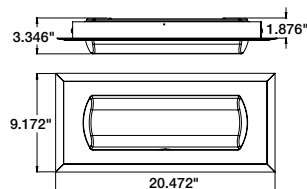
EBWL	-		WHT	-		-		-	ATD	/	
SERIES	OPERATION	COLOR	MOUNTING	VOLTS (V)	MANDATORY OPTIONS	OPTIONS					
EBWL	EM - NORMALLY OFF	WHT - WHITE	BLANK - SURFACE/CEILING MOUNT RC - RECESSED MOUNT (BACKBOX MUST BE ORDERED SEPARATELY. SEE BELOW) TB - T-BAR	2 - 120/277	ATD - AUTO TEST	VDR - VANDAL RESISTANT SCREWS					

DIMENSIONS

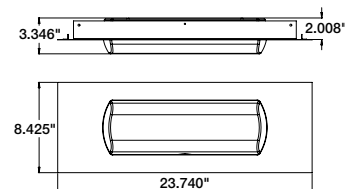
STANDARD Surface wall/ceiling



OPTIONAL Recessed



T-Bar



BACK PLATE

