



Job Name: \_\_\_\_\_

Type: \_\_\_\_\_

Part #: \_\_\_\_\_

Notes: \_\_\_\_\_

# LSMCD HAZARDOUS | NEMA 4X | VANDAL RESISTANT | BAA

## SPECIFICATIONS: INTERNAL

The LSMCD has a standard 120/277V input. The solid state, high efficiency, dual rate charger provides precise float voltage control and incorporates a low voltage disconnect for optimum protection.

## SPECIFICATIONS: EXTERNAL

The durable NEMA 4X fiberglass enclosure is corrosion and vandal resistant. The housing is fully gasketed and is supplied standard in an industrial gray finish. The LSMCD can be surface mounted on a wall. Magnetic test switch and LED status indicator are standard.

## SPECIFICATIONS: ELECTRICAL

**BATTERY:** The LSMCD is designed with maintenance free, sealed lead acid batteries providing a minimum emergency duration of 90 minutes. Recharge time for the battery is forty-eight [48] hours. Optional nickel cadmium batteries are available. The maximum battery operating temperature is +40°C and the minimum is +10°C.

**CIRCUIT:** The LSMCD utilizes a high-efficiency two stage charger providing precise float voltage control with low voltage disconnect protection. All components used in the circuitry are temperature compensated. The charger also has brownout and short circuit protection. Charger status is easily determined via a dual diagnostic LED display which indicates AC/ON and High Charge. A magnetic test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp load, (magnet included).

## SPECIFICATIONS: MECHANICAL

The LSMCD housing is constructed from durable, corrosion resistant fiberglass. The NEMA 4X rated housing is fully gasketed for harsh and hazardous locations. The front access panel/door is hinged for trouble-free installation and maintenance. The LSMCD features a stainless steel breather valve that proves efficient ventilation. Remote lamp loads are connected to the emergency power supply with sturdy terminal connectors.

The LSMCD has been designed to perform in applications where the environment would punish any standard unit. The entire internal cavity of the sign is protected from moisture ingress by an extremely resilient gasket. The gasketing always holds its original form and has "memory retention" so that it effectively and consistently protects the LSMCD from moisture.



## EMERGENCY HEADS

As standard, the LSMCD is supplied with two (2) top mounted, weatherproof PAR36 style emergency heads. Constructed of high impact thermoplastic and finished in a neutral gray finish. The emergency head design features a locking collar that securely holds the lens in place and facilitates quick re-lamping.

## AUTOTEST

The Autotest feature automatically performs a 5 minute discharge test monthly. Every 6 months, two 90 minute discharge tests are performed 24 hours apart. This tests both the battery capacity and recharge capability. The status of the LSMCD is communicated clearly with a single, multi-color LED indicator.

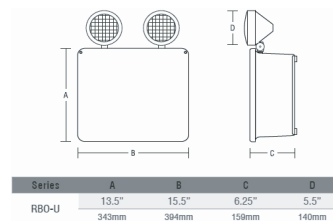
## WARRANTY

The LSMCD comes with a 5-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.

## HAZARDOUS APPROVALS

The LSMCD series is approved for use in Class 1, Division 2, Groups A, B, C and D: T2B area classification. In addition, the LSMCD is also suitable for Class I, Zone 2, IIA, IIB & IIC: T1 & T2 area classification.

## DIMENSIONS



## ORDERING INFORMATION

Sample Part Number: **LSMCD-12-72-2LRWP-8WH-WG**

MODEL	OPERATION	Pb-A (Capacity)	Ni-Cd <sup>3</sup> (Capacity)	Emergency Heads	Lamps	OPTIONS
LSMCD	6V 12V	36 (6V) 60 (6V, 12V) 72 (6V) 100 (6V) 120 (6V, 12V) 130 (12V)	42 (6V, 12V) 54 (6V) 90 (6V, 12V) 130 (12V)	4LR (quad PAR36) 3LR (triple PAR36) 2LR (double PAR36) 1LR (single PAR36) 0 (no heads)	See Chart on Next Page	AT (autotest) NC[3] (nickel-cadmium battery) BZ (buzzer) TD (time delay- 0, 5, 10, 20 mins.) TP (tamper proof screws) AM (ammeter) VM (voltmeter) FAI[5] (fire alarm interface) TC (teflon coating) SMH (side mount heads) WG (wireguard)

[1]NOTE: Sealed lead calcium.  
[2]NOTE: Nickel-cadmium. Must select NC from options when selecting Ni-Cd.  
[3]NOTE: NC (select wattage/voltage from Ni-Cd column).  
[4]NOTE: Must specify at time of order, 10 min standard.  
[5]NOTE: Specify type- open/closed dry contact.

■ lamp selection: (ONLY PAR36 STYLE HEADS AVAILABLE)

	6V	12V
Composite Tungsten	9, 18W	9, 18W
Halogen	8W	8W

■ model rating guide

Model	Voltage		Wattage			
			90min	120min	180min	240min
SEEMCD-U-6-36	6	36	27	18	13	
SEEMCD-U-6-42	6	42	31	21	15	
SEEMCD-U-6-54	6	54	40	27	20	
SEEMCD-U-6-60	6	60	45	30	22	
SEEMCD-U-6-72	6	72	54	36	27	
SEEMCD-U-6-90	6	90	67	45	33	
SEEMCD-U-6-100	6	100	75	50	25	
SEEMCD-U-6-120	6	120	90	60	45	
SEEMCD-U-12-36	12	36	27	18	13	
SEEMCD-U-12-42	12	42	31	21	15	
SEEMCD-U-12-60	12	60	45	30	22	
SEEMCD-U-12-90	12	90	67	45	33	
SEEMCD-U-12-120	12	120	90	60	45	
SEEMCD-U-12-130	12	130	97	65	48	
SEEMCD-U-12-140	12	140	105	70	52	