



Job Name: _____

Type: _____

Part #: _____

Notes: _____

LSMWL4X

NEMA 4 AND 4X | WET BAA

SPECIFICATIONS: INTERNAL

The LSMWL4X is configured with 120/277V input with solid state charging circuitry. Standard features include low voltage disconnect, AC lockout and brownout protection.

SPECIFICATIONS: EXTERNAL

The LSMWL4X is constructed with a durable NEMA 4X rated fiberglass cabinet. Terminal connectors allow for larger gauge wires to be connected for remote loads. Industrial gray finish is standard. Emergency lighting heads are molded from high impact thermoplastic, (LR) PAR36 style heads are standard. Integrated mounting holes ensure proper and secure installation. External test switch and monitor LED are standard.

SPECIFICATIONS: ELECTRICAL

BATTERY: The LSMWL4X is designed with a maintenance free, sealed valve regulated lead acid battery that provides a minimum emergency duration of 90 minutes (for the listed rating). Recharge time of the battery is 48 hours. The maximum battery operating temperature is +40°C and the minimum is +10°C without internal heater option, with the internal heater the minimum operating temperature is -20°C. Nickel Cadmium batteries are available in several configurations.

CIRCUIT: The LSMWL4X 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 LSMWL4X is constructed with a durable NEMA 4X rated fiberglass cabinet. Industrial gray finish is standard. Weatherproof emergency lighting heads are molded from high impact thermoplastic. External test switch and monitor LED are standard.



EMERGENCY HEADS

The LSMWL4X is normally supplied with two (2) top mounted (LR) PAR36 style 9W heads. Lamp head styles are constructed of high impact thermoplastic. Please note: (LR) PAR36 style food-prep approved lenses are also available when ordering- TC (teflon coated).

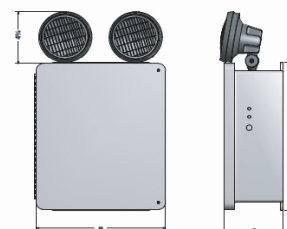
AUTOTEST

See next page for details.

WARRANTY

The LSMWL4X comes with a 5-year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper in-stallation effectively cancel the warranty.

DIMENSIONS



Cabinet	A	B	C
B	11 7/16	9 1/4	5 7/16
C	13 7/16	11 1/4	5 7/16
D	15 1/2	13 3/8	6 1/4
E	17 1/2	15 3/8	6 1/4

ORDERING INFORMATION

Sample Part Number: **LSMWL4X-6-18-2LR-8W-(H)-AT**

MODEL	OPERATION	Pb-A (Capacity)	Ni-Cd ³ (Capacity)	Emergency Heads	Lamps	OPTIONS
LSMWL4X	6V	18 (6V)	22 (6V)	3LR (triple PAR36)	See Chart on Next Page	AT (autotest)
	12V	27 (6V, 12V)	42 (6V, 12V)	2LR (double PAR36)		AM (ampmeter)
		36 (6V, 12V)	54 (6V)	1LR (single PAR36)		CS120 (cord set, 120V only)
	24V	60 (6V, 12V)	90 (6V, 12V)	0 (no heads)		IH (internal heater)
		72 (6V)	100 (24V)			TD ² (time delay- 0, 5, 10, 20 mins.)
		100 (6V)	130 (12V)			IRT ² (infrared testing)
		120 (6V, 12V)	200 (12V, 24V)			NC ¹ (nickle-cadium battery)
		140 (12V)				TC ³ (teflon coating)
		160 (12V)				VM (voltmeter)
		180 (12V)				WG (wireguard)
		200 (6V)				
		280 (24V)				
		360 (12V, 24V)				

[1]NOTE: Nickel-cadmium. Must select NC from options when selecting Ni-Cd.

[2]NOTE: Must specify voltage.

[4]NOTE: Teflon is a registered trademark of Dupont.

[5]NOTE: Cabinet size may vary based on product configuration.



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AUTOTEST

The LSL 24/7 Autotest system performs one 5 minute discharge test monthly. Every 6 months to 90 minute discharge tests are performed. This tests both full battery capacity and recharge capability, as required by the fire code. The information is communicated simply and intuitively to maintenance personnel via a single multi-color LED. The LSL 24/7 Autotest system also includes 0, 5, 10 or 20 minute time Auto test delay function to allow HID lighting to restrike. IRT one but-ton press tests unit for 90 minutes per code.

- Red: Battery or Circuit Malfunction
- Yellow: Lamp Malfunctioning
- Green: Normal Operation

■ lamp selection

	6V	12V	24V
Incandescent	9, 25 (18 - PAR36 Only)	9, 12, 18	9, 18
Halogen (H)	8, 10, 12, 20	8, 12, 20, 35 55 (PAR36 only)	12, 20 70 (LR Only)
Sealed Beam Tungsten (SB)	8, 12, 18, 25, 30	12, 18, 25, 30, 35, 50	N/A
Sealed Beam Halogen (HSB)	8, 12, 20	8, 12, 30, 35	N/A

■ model rating guide

Model	Voltage	Wattage				Cabinet
		90min	120min	180min	240min	
LSMWL4X-6-18	6	18	13	9	6	B
LSMWL4X-6-27	6	27	20	13	10	B
LSMWL4X-6-36	6	36	27	18	13	B
LSMWL4X-6-42*	6	42	31	21	15	B
LSMWL4X-6-54*	6	54	40	27	20	C
LSMWL4X-6-60	6	60	45	30	22	C
LSMWL4X-6-72	6	72	54	36	27	C
LSMWL4X-6-90*	6	90	60	45	30	C
LSMWL4X-6-100	6	100	75	50	37	C
LSMWL4X-6-120	6	120	90	60	45	E
LSMWL4X-6-200	6	200	150	100	75	E
LSMWL4X-12-36	12	36	27	18	13	B
LSMWL4X-12-42*	12	42	31	21	15	B
LSMWL4X-12-60	12	60	45	30	22	C
LSMWL4X-12-90*	12	90	60	45	30	C,D
LSMWL4X-12-120	12	120	90	60	45	C,D
LSMWL4X-12-130*	12	130	97	65	48	C,D
LSMWL4X-12-140	12	140	105	70	52	C,D
LSMWL4X-12-160	12	160	120	80	60	D
LSMWL4X-12-180	12	180	135	90	67	E
LSMWL4X-12-200*	12	200	150	100	75	E
LSMWL4X-12-360	12	360	270	180	135	E
LSMWL4X-24-100	24	100	75	50	37	E
LSMWL4X-24-200*	24	200	150	100	75	E
LSMWL4X-24-280	24	280	210	140	105	E
LSMWL4X-24-360	24	360	270	180	135	E

*Ni-Cd battery

NOTE: Cabinet size may change based on configurations.