



Job Name: _____

Type: _____

Part #: _____

Notes: _____

LSM4

INDOOR | BAA

SPECIFICATIONS: INTERNAL

The LSM4 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 LSM4 is constructed with a 20 gauge steel cabinet. Terminal connectors allow for larger gauge wires to be connected for remote loads. White powder coat finish is standard (other colors optional). PAR36 (LR) style heads are standard. PAR18 (SR) style heads are optional. MR16 (BTMR) are also offered. Universal mounting pattern and key hole slots are stamped on the back and conduit knockouts on the sides of each unit.

EMERGENCY HEADS

The LSM4 is normally supplied with two (2) front mounted (LR) PAR36 style heads. Additional head styles are available. The ESL can be configured with front, side or top mounted heads, please specify when ordering. Both lamp head styles are constructed of high impact thermoplastic in a color matching the finish of the cabinet (white is standard). Both head types feature a unique twist locking collar that securely holds the lens and facilitates quick and easy re-lamping.

SPECIFICATIONS: ELECTRICAL

BATTERY: The LSM4 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 less than 48 hours. The maximum working temperature is 40°C. The minimum working temperature is 10°C. Nickel cadmium batteries are available as an option.

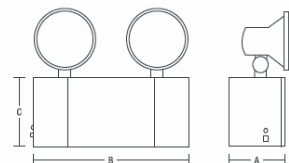
CIRCUIT: The LSM4 utilizes a high-efficiency two stage charger providing precise float voltage control with low voltage disconnect protection. All components used in the circuitry are temperature compensated. The charger also has brownout and short circuit protection. Charger status is easily determined via a dual diagnostic LED display which indicates AC/ON and High Charge. An external push button test switch allows maintenance personnel to quickly determine the operational status of the unit and lamp

WARRANTY

The LSM4 comes with a 5- year factory warranty. Lamps are not covered under the warranty. Deliberate damage, misuse, improper installation effectively cancel the warranty.



DIMENSIONS



Cabinet	A	B	C
12W-45W	3 1/2" 90mm	11 1/8" 283mm	6 1/8" 156mm

SPECIFICATIONS: MECHANICAL

The LSM4 is constructed with a 20 gauge steel cabinet. Terminal connectors allow for larger gauge wires to be connected for remote loads. White powder coat finish is standard (other colors optional). Universal mounting pattern and key hole slots are stamped on the back and conduit knockouts on the sides of each unit. External test switch and monitor LED are standard. The hinged curved front panel conveniently opens and allows full access to the housing for easy installation and general maintenance. The LSM4 emergency heads feature a twist locking collar that securely holds the lens in place and facilitates quick and easy relamping.

AUTOTEST

The AutoTest system (optional) performs one 5 minute discharge LSM5 monthly. Every 6 months two 90 minute discharge LSM5s are performed. This 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 system also includes 0, 5, 10 or 20 minute time delay function to allow HID lighting to restrike. IRT one button press tests unit for 90 minutes per code.



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ORDERING INFORMATION

Sample Part Number: **LSM4 -12-36-2LR-TM-VM**

MODEL	OPERATION	Pb-A (Capacity)	Ni-Cd ³ (Capacity)	Emergency Heads	Mounting	OPTIONS
LSM4	6V 12V	12 (6V) 18 (6V) 27 (6V, 12V) 36 (6V, 12V)	22 (6V) 42 (6V, 12V)	2LR (double PAR36) 1LR (single PAR36) 2SR (double PAR18) 1SR (single PAR18) 2BTMR (double, MR16) 1BTMR (single, MR16) 2SRA (AL, double, PAR36)* 1SRA (AL, single, PAR36)* 0 (no heads)	TM (Top) SM (Side) FM (Front)	AM (ammeter) AT (autotSEEM5) B (black finish) BZ (buzzer) CC (custom color- specify) CS120 (cord set, 120V only) FA ¹ (fire alarm interface) HHC (hand held controller) IRT ² (infrared tSEEM5ing) NC ³ (Ni-Cd) TP (tamper proof screws) TD ⁴ (time delay - specify 5, 10, 15 min) VM (voltmeter)

[1]NOTE: Specify type- open/closed dry contact.

[2]NOTE: Specify voltage.

[3]NOTE: Must select NC from options and indicate wattage/voltage from Ni-Cd column.

[4]NOTE: Must specify at time of order. Specify voltage

** Aluminum heads not rated for wet location.

Lamp Options See Chart Below

■ lamp selection

	6V	12V
Incandescent	9, 12, 25W (18W - PAR36 Only)	9, 12, 18W (25W - PAR36 Only)
Halogen (H)	8, 10, 12, 20W	8, 12, 20, 35W (55W PAR36 only)
Sealed Beam Tungsten (SB)	12, 18, 25, 30W	12, 18, 25, 30, 35W
Sealed Beam Halogen (HSB)	8, 12W	8, 12, 30W
MR16 LED	5W (SRP & BLT heads)	3, 5, 7W (SRP & BLT heads)

■ model rating guide

Model	Voltage	Wattage				Cabinet
		90min	120min	180min	240min	
LSM4-6-18	6	18	14	9	7	A
LSM4-6-22*	6	22	17	11	9	A
LSM4-6-27	6	27	20	14	10	A
LSM4-6-36	6	36	27	18	14	A
LSM4-6-42*	6	42	32	21	16	A
LSM4-12-27	12	27	20	14	10	A
LSM4-12-36	12	36	27	18	14	A
LSM4-12-42*	12	42	32	21	16	A

* Indicates Ni-Cd battery