



Emergency Exit Signs

MSL-LDS-EXS-02 Specifications



About Us,

MSL USA's LED streetlights are trusted by electrical contractors, government agencies, and project managers across the United States. Our selection of streetlights include fixtures with dusk to dawn photocell technology as well as weather resistant coating to ensure smooth operation through harsh weather conditions. We also offer solar powered streetlights for environmentally friendly projects. We advanced production technology, we deliver smart lighting solutions for streets, gardens, residential areas, and many more...

MSL-LDS-EXS-02



MSL-LDS-EXS-02 Ensure safety and reliability with the MSL-USA Waterproof Emergency Light, designed for both wall and ceiling mounting. Ideal for outdoor wet locations, this emergency light combines energy efficiency and durable construction to provide dependable illumination during power outages. Equipped with a rechargeable Nickel Cadmium battery, it offers over 90 minutes of backup lighting, making it a perfect choice for residential, commercial, and industrial applications.



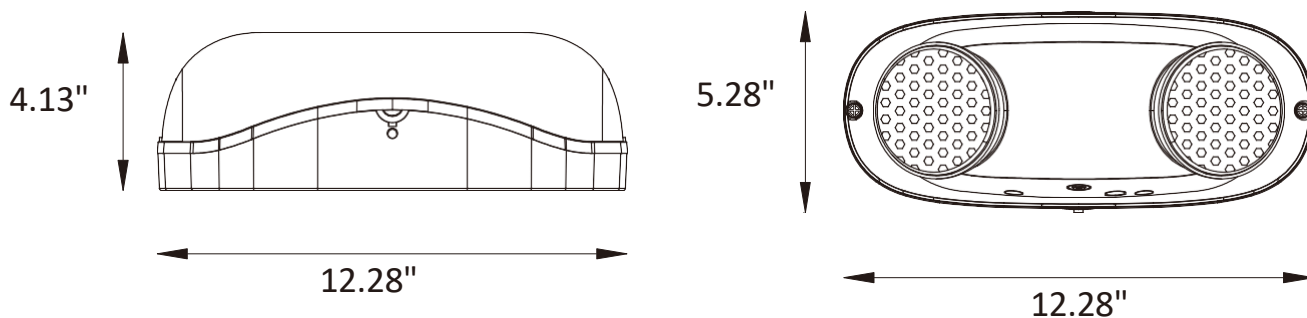
Technical Specifications

Model	MSL-LDS-EXS-02
Input power	5W
Light Source	Ultra bright LED
Input Voltage	AC100-277VAC
Output Voltage	2W
Input Current	0.065A
Efficiency	0.94A
Battery Type	Nickel Cadmium Battery
Battery Capacity	3.6V/600mAh
Charging Time	24 Hours
Backup Time	90 Minutes

Fixture Features

- Versatile Mounting Options: Supports both wall and ceiling installation for maximum flexibility.
- Energy Efficient: Operates with an input power of just 5W and delivers a reliable 2W output during emergencies.
- Rechargeable Battery: Built-in 3.6V 600mAh Nickel Cadmium battery ensures consistent backup lighting for at least 90 minutes.
- Test Switch & Charge Indicator: Includes a convenient test switch and charge indicator light for easy maintenance and monitoring.
- Waterproof Design: Engineered for outdoor use in wet locations, ensuring long-lasting performance in challenging environments.
- Wide Voltage Range: Operates on 100-277V AC, making it compatible with various electrical setups.

Dimensions



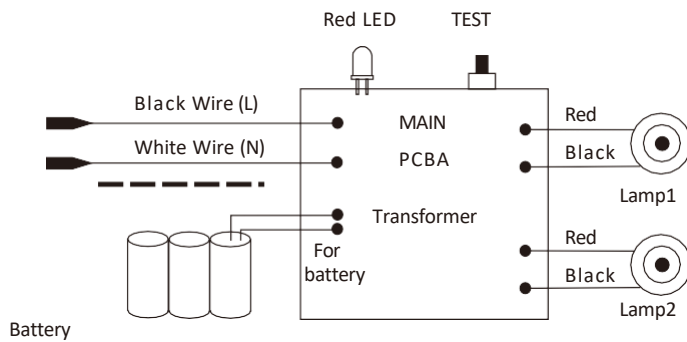
IMPORTANT SAFETY GUIDES

- When using electrical equipment, basic safety precautions should always be followed including the following:
- When using electrical equipment, turn off all electrical power before installation.

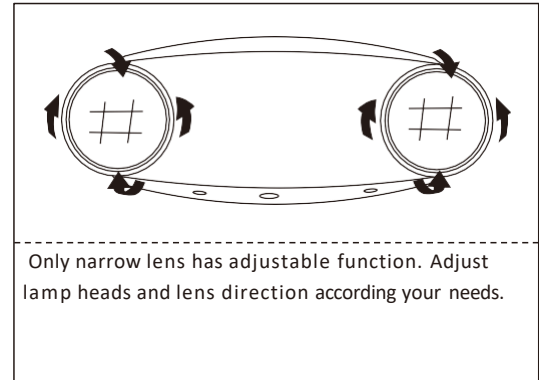
READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- Read and follow all safety instructions.
 - Disconnect power before performing work on electrical equipment. Suitable for outdoors damp locations.
 - Do not let power cords touch hot surfaces.
 - Do not install in hazardous locations or near gas or electric heaters.
 - The use of equipment not recommended by manufacturer, may cause an unsafe condition and will void the unit's warranty. Do not use this equipment for other than its intended purpose.
 - Servicing of this equipment should be performed by qualified service personnel.
- Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel. Allow battery to be charged for 24 hours before first use.

WIRING DIAGRAM

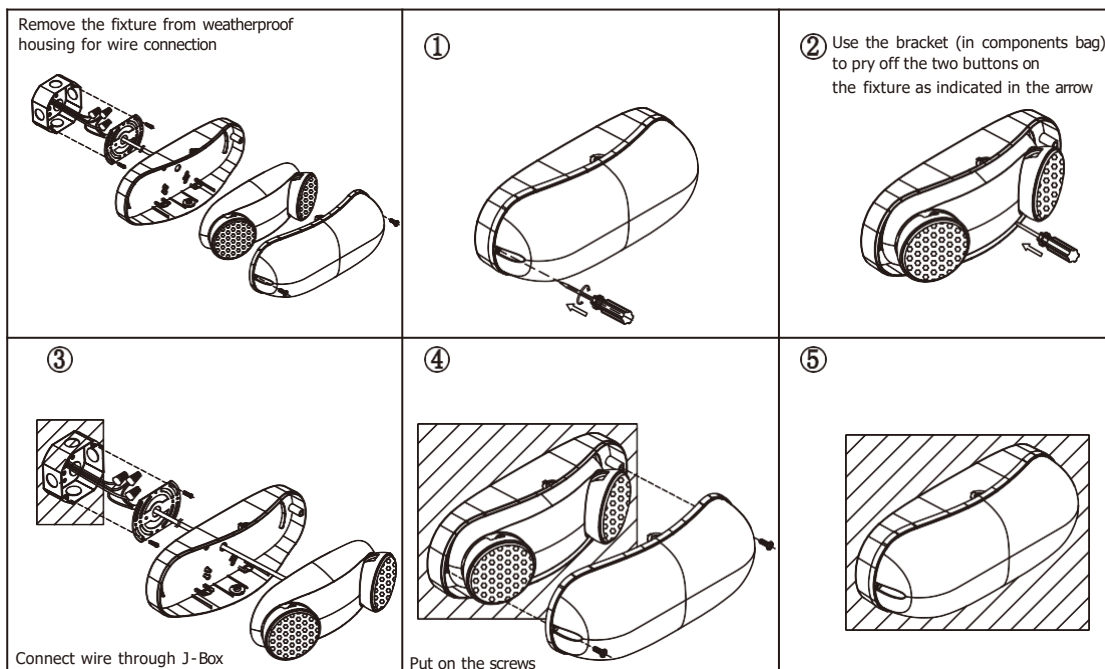


ADJUST LAMP HEADS AND LENS



INSTALLATION(J-BOX MOUNTING):

1. Remove the fixture from weatherproof housing for wire connection. Fig.1
2. Use the bracket (in components bag) to pry off the two buttons on the fixture as indicated in the arrow . fig.2
3. Feed fixture leads through main bottom case and connect A power supply.Fig3
4. Align fixture snaps and push it directly into weatherproof bottom case.Then put on the front cover with screws .Fig.4
5. Appy continuous AC power and press "TEST" button to check light.



WARNING:

Unused wires must be capped using using enclosed wire nuts.

INSTALLATION(CONDUIT):

- 1 Drill a 3/4" hole through the desired conduit entry knock out located on the top or side of frame
- 2 Route AC unswitched circuit of rated voltage into frame.
- 3 All conduit connections must be UL rated for wet locations
- 4 Reference Wall, ceiling or End mount to finalize installation.

OPERATION:

- 1 During an electrical power failure,the lamps will automatically turn on for a minimum of 90 minutes.
- 2 To test,depress the "TEST"switch,the emergency lamps will illuminate. When the switch is released the lamps will go off.



Uses and Applications Guide

USES AND APPLICATIONS GUIDE

Commercial Buildings

Commercial Buildings

Industrial Settings

Outdoor Spaces

Residential Areas

Ordering Guide

Model	Voltage	Input Wattage	Output Wattage
MSL-LDS-EXS-02	AC120-277VAC	5W	2W