Emergency Exit Signs
MSL-LDS-EXS-06 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-06

MSL-LDS-EXS-06 Ensure safety and compliance with MSL-USA Black Combo Exit Sign Light, featuring two adjustable heads. This versatile and essential emergency lighting fixture is perfect for commercial buildings, ensuring clear exit visibility during power outages or emergencies

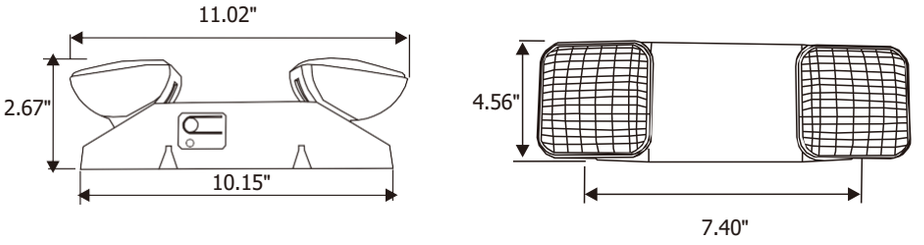
Technical Specifications

Model	MSL-LDS-EXS-05
Input power	2.4W
Input Voltage	AC100-277VAC
Output Voltage	2W*1.2W
Input Current	0.02A
Efficiency	0.97P
Battery Type	Nickel Cadmium Battery
Battery Capacity	3.6V/600mAh
Charging Time	24 Hours
Backup Time	90 Minutes
Body Color	White

Fixture Features

- Combination Design: Combines an exit sign with emergency lighting for comprehensive safety coverage
- Two Adjustable Heads: Equipped with two adjustable light heads, allowing you to direct light where it’s needed most.
- High Visibility: Bold black housing with a bright exit sign ensures clear visibility.
- Durable Construction: Made from high-quality materials, this exit sign light is built to last and withstand various environmental conditions.
- Energy Efficient: Utilizes LED technology for long-lasting and energy-efficient performance.
- Easy Installation: Designed for simple installation, with all necessary mounting hardware included.
- Battery Backup: Includes a reliable battery backup system to keep the lights on during power outages.
- UL Listed: Meets safety standards and regulations, ensuring reliable performance in emergency situations

Dimensions



IMPORTANT SAFEGUARDS

When using electrical equipment,basic safety precautions should always be followed including thefollowing.

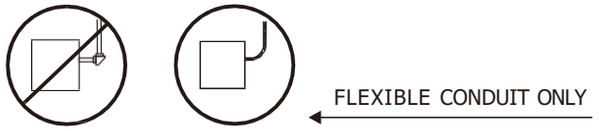
4.2 When using electrical equipment,close all electrical power before inatallation.

READ AND FOLLOWALLSAFETY INSTRUCTIONS

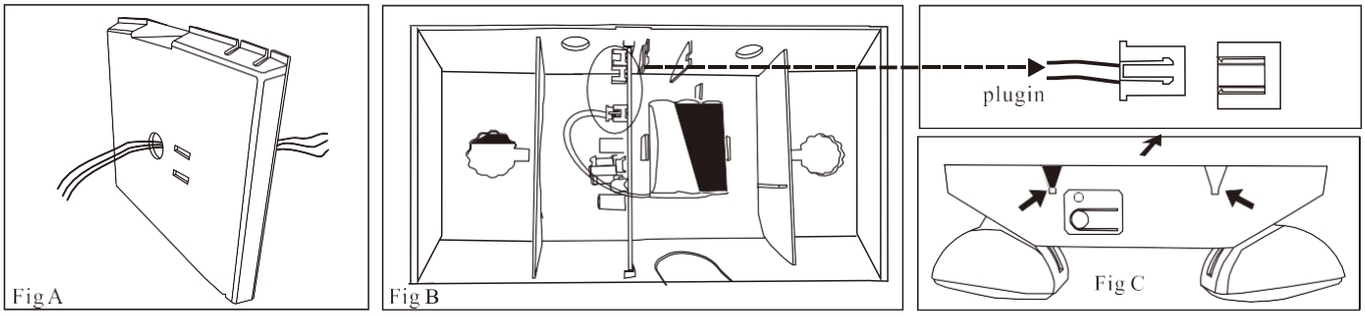
- When using electrical equipment,basic safety precautions should always be followed,including the following: Read and follow all safety instructions.
- Disconnect power before performing work on electrical equipment. Do not use outdoors.
- Do not let power cords touch hot surfaces.
- Do not install in hazardous locations or near gas or electric heaters.
- The use of accessory equipment not recommended by manufacturer, may cause 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 readily be subjected to tampering byunauthorized personnel.
- Al1ow battery to charge for 24 hours before first use.
- Save these instructions:

INSTALLATION(J-BOXMOUNTING):

- Feed fixture leads through main bottom case and connect AC power supply(Fig A). Connect wires through J-Box .Main bottom case on J-Box and secure with screws. Connect battery only after continuous AC power can be provided to the unit(Fig B) .
- Align snaps and push housing directly onto main bottom case(Fig C) apply continuous AC power and press "TEST" button to check light.



WARNING: Unused wires must be capped using enclosed wire nuts.



INSTALLATION(CONDUIT):

Secure main bottom case to wall surface.Route wires through hole in conduit flange and make conduitconnection.

Connect battery only after continuous AC power can be provided to the unit (Fig B).

Align snaps and push housing directly onto main bottom case (Fig C). Apply continuous AC power and press “TEST" button to check light.

OPERATION:

During an electrical power failure, the lamps will automatically come on for a minimum of 90 minutes.

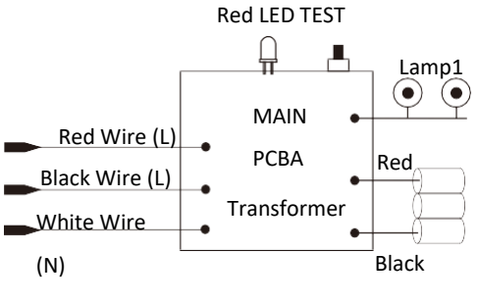
To test ,depress the"TEST" switch , the emergency lamps willilluminate. When the switch is released , thelamps wili go off.

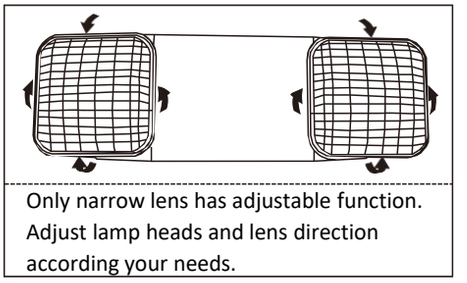
Features:

- Injection-molded thermoplastic housing,UL94V-0 flame rating.
- Innovative, easy installation in minutes.
- Suitable for wall mount applications.
- Universal J-box mounting pattern.
- 120V;277VAC Dual voltage operation.
- 2pcs 1.2W ultra bright LED lamp heads for emergency mode.
- Luminous flux: more than 150Lm.
- Built-in 3.6V/600mAh Nickel cadmium battery for minimum 90 minutes emergency operation.
- Maximum 24 hours for full recharge time. emergency mode.
- Test switch and charge indicator.
- 41˚F to 104˚F indoor damp location listed.

WIRING DIAGRAM:

ADJUST LAMP HEADSAND LENS:

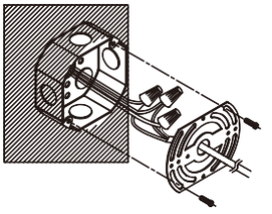




Only narrow lens has adjustable function. Adjust lamp heads and lens direction according your needs.

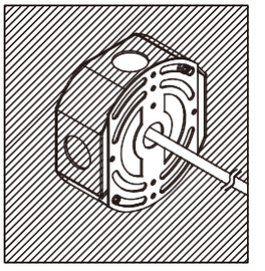
INSTALLATION DIAGRAM

1



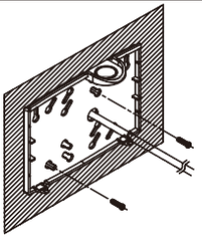
1. Using a flat screwdriver, remove the frontcover,Remove and iscard the canopy kit.
2. Feed excess wires into the junction box.
3. The system can accept input voltages of 120VAC or 277 VAC .Therefore, connect the blackwire(line voltage) and the white wire (common)leads to the building utility.Connect the greenground

2



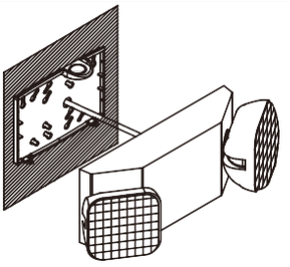
1. Using the junction box screws to mount spiderplate onto junction box.

3



1. Knock out the proper hole pattern in the backplate to mount to a standard junction box. Placea support on either side of t he knockouts to beremoved and then knock out with ascrewdriver
2. Route AC supply wires through the center holeof the back plate

4



1. Make electrical connections
2. Connect battery only after AC power has beenprovided to the unit.
3. Align snaps and push housing directly onto backplate.

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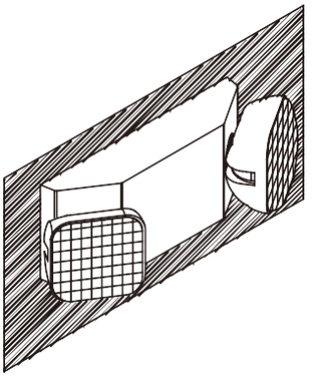

Uses and Applications Guide

USES AND APPLICATIONS GUIDE
Commercial Buildings
Educational Institutions
Healthcare Facilities
Public Buildings

Ordering Guide

Model	Voltage	Input Wattage	Output Wattage
MSL-LDS-EXS-06	AC100-277VAC	2.4W	2W*1.2W