

# ELIMINATOR<sup>®</sup>

LIGHTING



## BIG SHOT LED EP

User Manual

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## DOCUMENT VERSION



Due to additional product features and/or enhancements, an updated version of this document may be available online.

Please check [www.adj.com](http://www.adj.com) for the latest revision/update of this manual before beginning installation and/or programming.

Date	Document Version	DMX Channels	Notes
04/23/2024	1.0	N/A	Initial Release

Europe Energy Saving Notice

Energy Saving Matters (EuP 2009/125/EC)

Saving electric energy is a key to help protecting the environment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you!

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## INTRODUCTION

**Unpacking:** Thank you for purchasing the Big Shot LED EP. Every device has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to have been damaged, carefully inspect your fixture for any damage and be sure all accessories necessary to operate the unit have arrived intact. In the event that damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Do not return this unit to your dealer without first contacting customer support.

**Introduction:** The Eliminator Big Shot LED EP is a compact and lightweight LED strobe that is great for small mobile events or permanent applications. The unit has a sleek, high tech plastic case with a strobe speed control potentiometer and On/Off switch on the back panel.

**Customer Support:** Contact Eliminator Service for any product related service and support needs. Also visit [forums.adj.com](http://forums.adj.com) with questions, comments or suggestions.

**Parts:** To purchase parts online visit:

<http://parts.adj.com> (US)

<http://www.adjparts.eu> (EU)

**ELIMINATOR SERVICE USA - Monday - Friday 8:00am to 4:30pm PST**

**Voice: 800-322-6337 | Fax: 323-582-2941 | [support@adj.com](mailto:support@adj.com)**

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## INCLUDED ITEMS

- Power Cable (x1)

**CAUTION!** This device is intended for indoor use only! Do not expose to rain or moisture!

**CAUTION!** There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, as doing so will void your manufacturer's warranty. In the unlikely event your unit may require service, please contact Eliminator Lighting.

*Do not discard the shipping carton in the trash. Please recycle when ever possible.*

## LIMITED WARRANTY (USA ONLY)

**1 Year Limited Warranty:** The Eliminator Lighting warranty is valid for 1 year from the date of purchase. Our 1 year limited warranty covers manufacturing defects only. The serial number of your device and the place of purchase with dated valid receipt must be submitted at time of service. The Eliminator Lighting warranty does not cover items or parts prone to wear and tear: lamps, fuses, brushes and belts. Eliminator Lighting warranty is only valid within the United States.

To register your Eliminator Lighting product online, please click here to the ADJ Warranty Registration Page:  
<https://www.adj.com/portal/user/register/>

## WARRANTY REGISTRATION

Please fill out the enclosed warranty card to validate your purchase. All returned service items, whether under warranty or not, must be freight pre-paid and accompanied by a return authorization (R.A.) number. The R.A. number must be clearly written on the outside of the return package. A brief description of the problem as well as the R.A. number must also be written down on a piece of paper included in the shipping carton. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. You may obtain an R.A. number by contacting our customer support team. All packages returned to the service department not displaying an R.A. number on the outside of the package will be returned to the shipper.

## SAFETY PRECAUTIONS



**PROTECTION CLASS 1 - FIXTURE MUST BE PROPERLY GROUNDED.**



**THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS UNIT. DO NOT ATTEMPT ANY REPAIRS YOURSELF, AS DOING SO WILL VOID YOUR MANUFACTURER'S WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS FIXTURE AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURER'S WARRANTY AND ARE NOT SUBJECT TO ANY WARRANTY CLAIMS AND/OR REPAIRS.**



**INDOOR USE ONLY! DO NOT EXPOSE TO RAIN OR MOISTURE!**



**NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE!  
RETINA INJURY RISK - MAY INDUCE BLINDNESS!  
SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK!**

- DO NOT TOUCH the fixture housing during operation. Disconnect the power and allow approximately 15 minutes for the fixture to cool down before servicing.
- DO NOT shake the fixture, and avoid brute force when installing and/or operating the fixture.
- DO NOT operate the fixture if the power cord has become frayed, crimped and/or damaged. If the power cord is damaged, replace immediately with a new one of the same power rating.
- DO NOT attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in the event of an internal short.
- DO NOT attempt to operate this unit if it has been damaged in any way.
- DO NOT spill water or other liquids into or on to your unit.
- Disconnect from main power before making any type of connection.
- DO NOT block any air ventilation slots. All fan and air inlets must remain clean and never blocked. Allow approx. 20" (50cm) between fixture and other devices or a wall for proper cooling.
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 20" (50cm) between this device and a wall.
- DO NOT remove the cover for any reason.
- When installing fixture in a suspended environment, always use mounting hardware that is no less than M10 x 25mm, and always install fixture with an appropriately rated safety cable.
- Never plug this unit in to a dimmer pack.
- During long periods of non-use, disconnect the unit's main power.
- Always mount this unit in safe and stable matter.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point where they exit from the unit.
- Cleaning - The fixture should be cleaned only as recommended by the manufacturer.
- Heat - The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The fixture should be serviced by qualified service personnel when:
  - A. The power-supply cord or the plug have been damaged.
  - B. Objects have fallen onto, or liquid has been spilled into, the fixture.
  - C. The fixture does not appear to operate normally or exhibits a marked change in performance.
  - D. The fixture has fallen and/or has been subjected to extreme handling.

## OVERVIEW



## INSTALLATION



**DO NOT INSTALL THE FIXTURE IF YOU ARE NOT QUALIFIED TO DO SO!**

Fixture **MUST** be installed following all local, national, and country commercial electrical and construction codes and regulations.

When installing the unit, the trussing or area of installation must be able to hold at least 10 times the weight of the unit and any attached accessories without any deformation. The unit must be secured with a secondary safety attachment, e.g. an appropriately-rated safety cable.

Before rigging/mounting a single fixture to any metal truss/structure or placing the fixture(s) on any surface, a professional equipment installer **MUST** be consulted to determine if the metal truss/structure or surface is properly certified to safely hold the combined weight of the fixture(s), clamps, cables, and accessories.

**Ambient operating temperature range is *5°F to 104°F (-15°C to 40°C)*.**

Fixture(s) should be installed away from walking paths, seating areas, or areas where unauthorized personnel might reach the fixture by hand.

**NEVER** stand directly below the fixture(s) when rigging, removing, or servicing.

Overhead fixture installation must always be secured with a secondary safety attachment, such as an appropriately rated safety cable that can hold at least 10 times the weight of the fixture.

Overhead mounting requires extensive experience, including calculating working load limits, knowledge of installation material being used, and periodic safety inspection of all installation material as well as the unit itself. If you lack these qualifications, do not attempt the installation yourself.

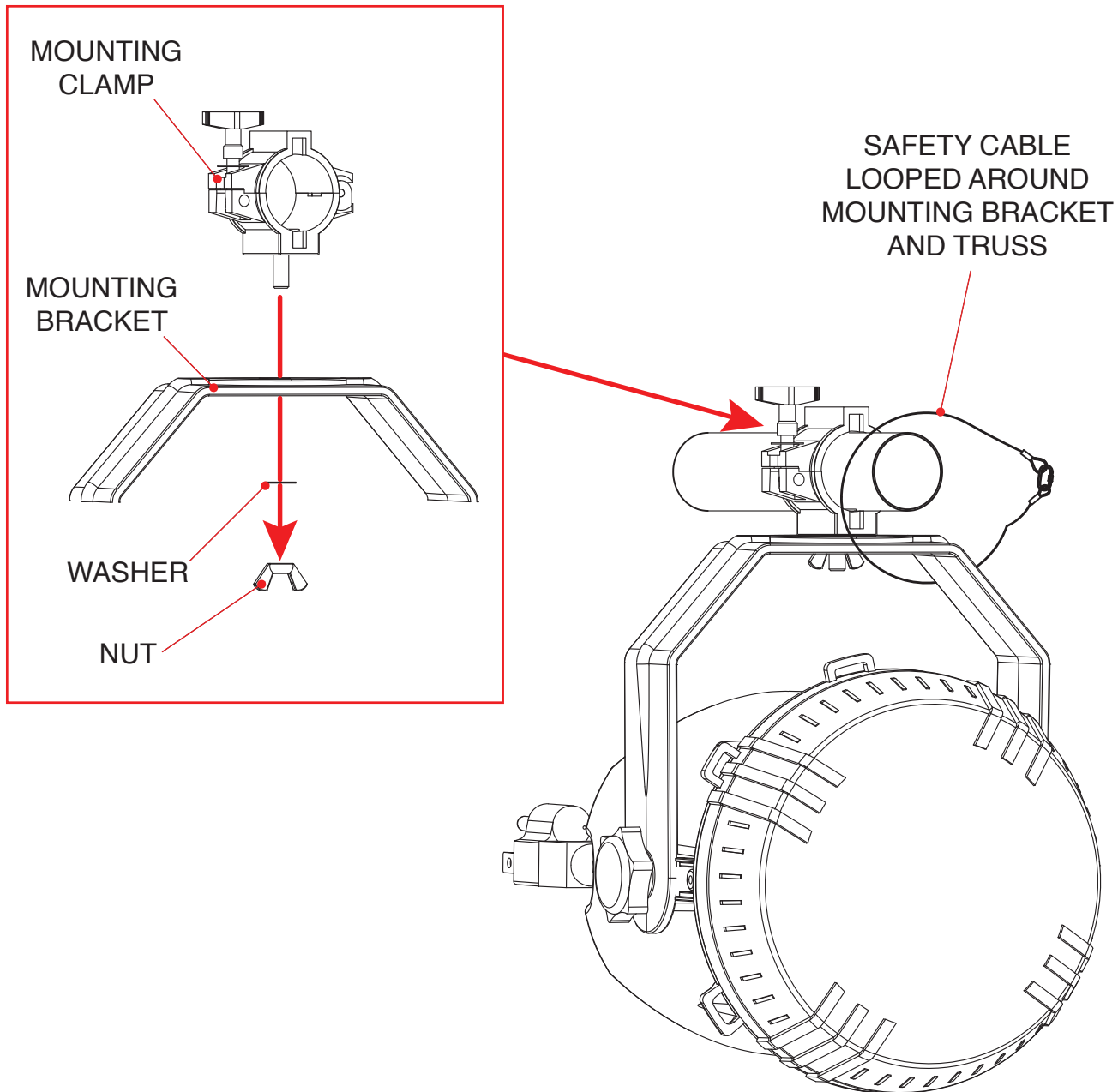
The installation should be checked by a skilled person once a year.



# INSTALLATION

## CLAMP MOUNTING

Insert a mounting clamp of the appropriate rating into the hole in the top of the fixture's mounting bracket, then secure in place with a matching washer and nut. Additionally, a **SAFETY CABLE** of the appropriate weight rating should be looped through the unit's mounting bracket, then over the truss. Refer to the illustration below:

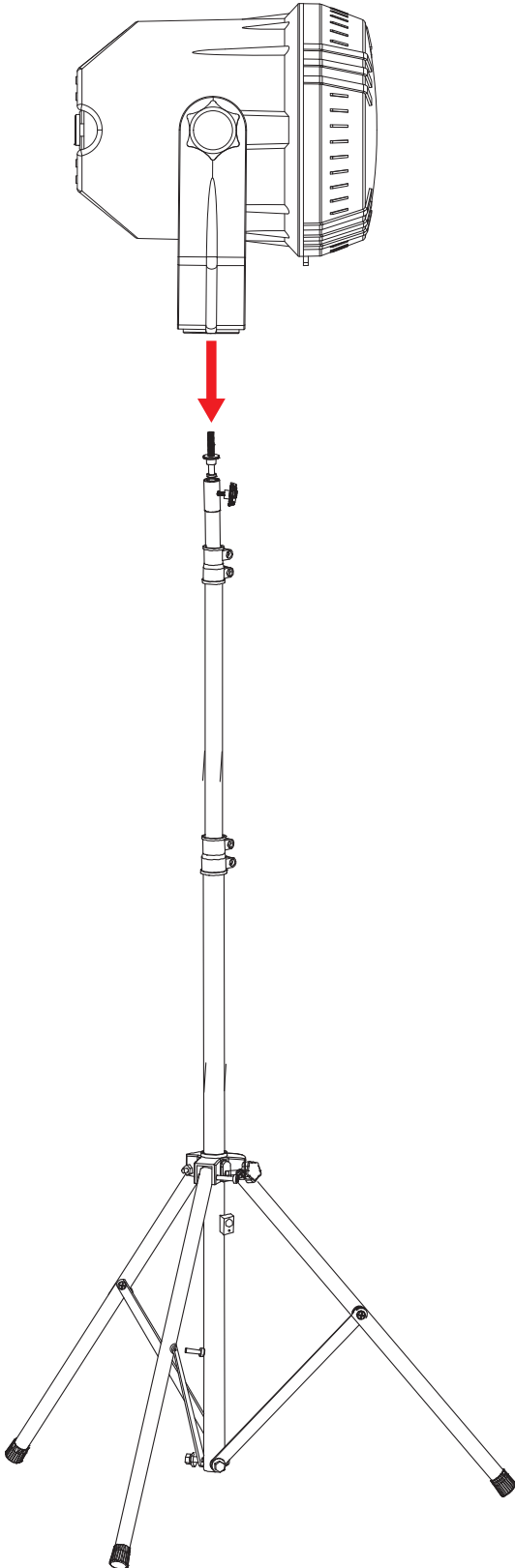


**SAFETY CABLE:**  
**ALWAYS ATTACH A SAFETY CABLE WHENEVER INSTALLING THIS FIXTURE IN A SUSPENDED ENVIRONMENT TO ENSURE THAT THE FIXTURE WILL NOT FALL IF THE CLAMP FAILS.**

# INSTALLATION

## STAND MOUNTING

This unit can also be installed atop a tripod stand. Simply secure the Omega bracket to the bottom face of the device, then insert the threaded bolt on the top of the tripod stand through the hole in the Omega bracket. Tighten the nut onto the threaded bolt to secure the mounted device in place.



**CAUTION!**

**MAKE SURE THAT THE TRIPOD LEGS AND ALL TELESCOPING ELEMENTS OF THE TRIPOD STAND ARE LOCKED IN PLACE BEFORE INSTALLING THE DEVICE ATOP THE STAND!**

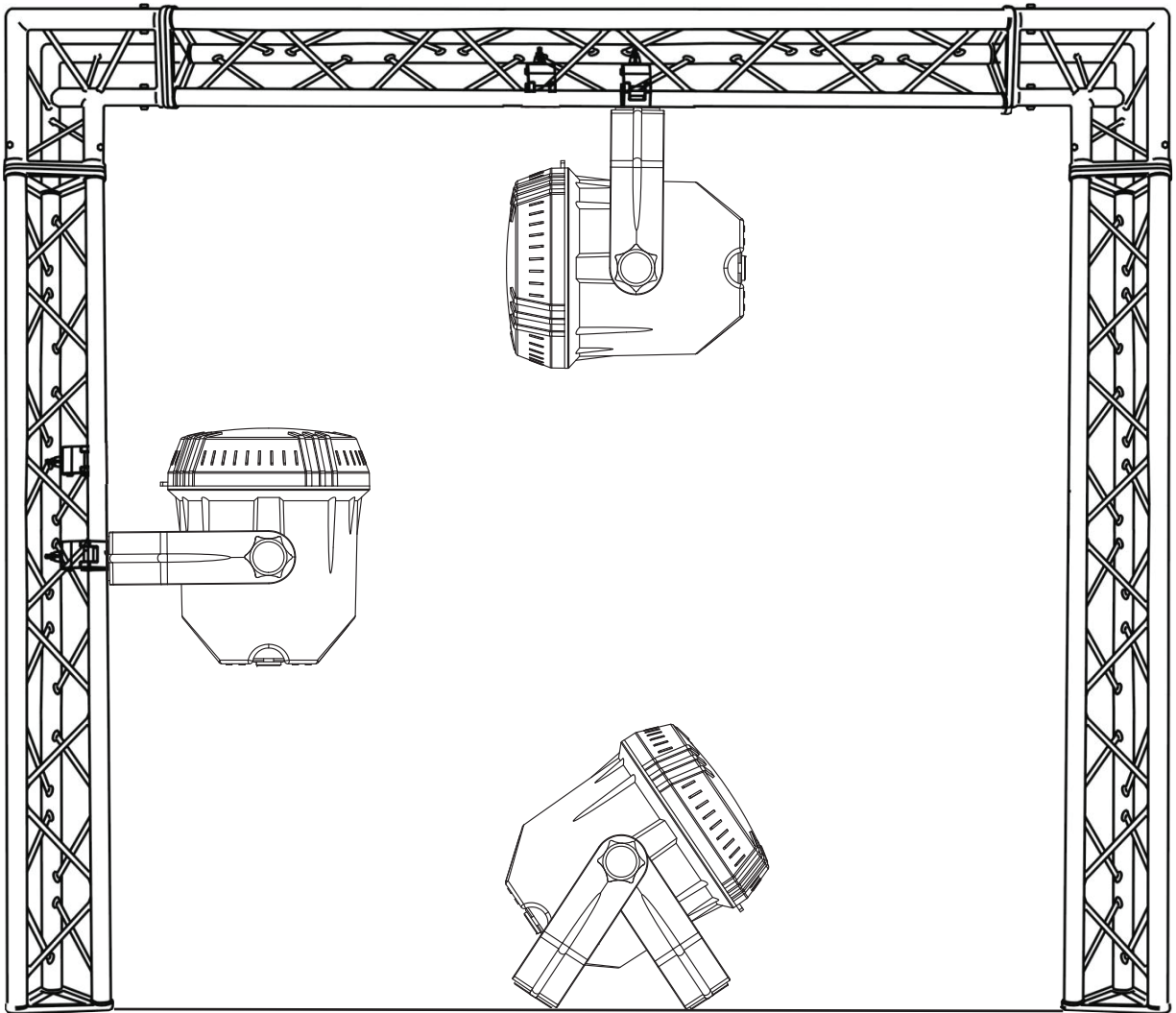
**POSITION THE TRIPOD STAND AND MOUNTED DEVICE ONLY ON FLAT, STABLE SURFACES!  
DEPLOY TRIPOD LEGS FULLY IN ORDER TO MAXIMIZE STABILITY!**

# INSTALLATION

## RIGGING ORIENTATIONS

Overhead rigging requires extensive experience, including calculating working load limits, installation material being used, and periodic safety inspection of all installation material and the fixture, among other skills. If you lack these qualifications, do not attempt the installation yourself. Improper installation can result in bodily injury.

The fixture is fully operational in the following positions: hanging from a horizontal truss, suspended sideways from a vertical truss, or standing upright on a flat, level surface. See the illustration below for reference.



## MAINTENANCE GUIDELINES



**DISCONNECT POWER BEFORE PERFORMING ANY MAINTENANCE!**

### CLEANING

Frequent cleaning is recommended to ensure proper function, optimized light output, and an extended life. The frequency of cleaning depends on the environment in which the fixture operates: damp, smoky, or particularly dirty environments can cause greater accumulation of dirt on the fixture's optics. Clean the external lens surface regularly with a soft cloth to avoid dirt/debris accumulation.

**NEVER** use alcohol, solvents, or ammonia-based cleaners.

### MAINTENANCE

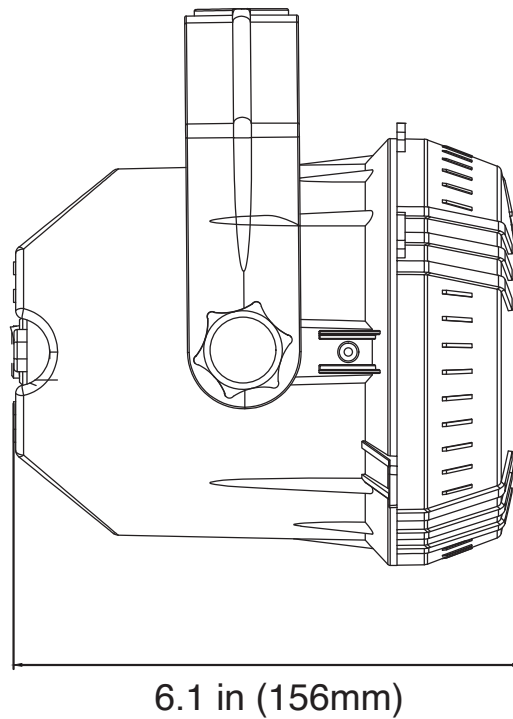
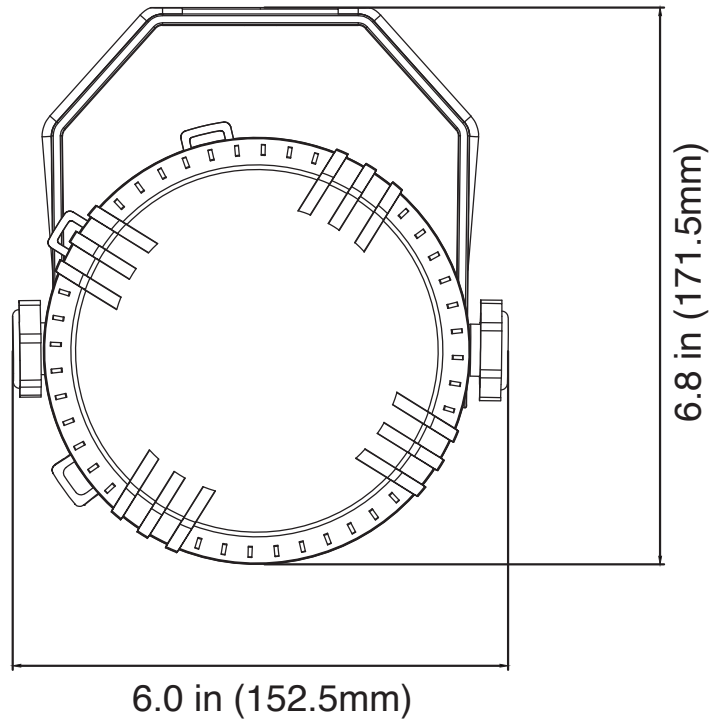
Regular inspections are recommended to ensure proper function and extended life. There are no user serviceable parts inside this fixture. Please refer all other service issues to an authorized Eliminator service technician. Should you need any spare parts, please order genuine parts from your local Eliminator dealer.

Please refer to the following points during routine inspections:

- A. A detailed electrical check by an approved electrical engineer every three months, to make sure the circuit contacts are in good condition and prevent overheating.
- B. Be sure all screws and fasteners are securely tightened at all times. Loose screws may fall out during normal operation, resulting in damage or injury as larger parts could fall.
- C. Check for any deformations on the housing, color lenses, rigging hardware, and rigging points (ceiling, suspension, trussing). Deformations in the housing could allow for dust to enter into the fixture. Damaged rigging points or unsecured rigging could cause the fixture to fall and seriously injure a person(s).
- D. Electric power supply cables must not show any damage, material fatigue, or sediments.

**NEVER** remove the ground prong from the power cable.

## DIMENSIONAL DRAWINGS



**Drawings not shown to scale.**

## **SPECIFICATIONS**

- White LED Strobe with 96 bright LEDs
- Light weight high tech plastic case
- Variable speed potentiometer on rear to control the flash rate from slow to fast
- Long Life LEDs– (rated at approximately 50,000 hours)
- Power Draw: 15W max
- Dimensions (LxWxH): 6.1” x 6.8” x 6.0” / 156mm x 171.5mm x 152.5mm
- Weight: 2 lbs. / .5 kg.

*Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.*

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