

# Andromeda Lamp Instructions

For single and Multi-Light Systems

## Applications:

Your Andromeda lamp is a lighting device intended for the illumination and accenting of walkways, pools, gardens, driveways and other target areas and objects. The lamp may be operated singularly with its own wall adapter or in multiples up to five units being powered by a common power adapter. Lamps may be ground mounted via the attached metal stake, mounted to a post using the metal stake as a mounting bracket, in a hanging configuration using the hook or pole mounted by simple inserting into a pole and attaching using your own ingenuity.

## Powering:

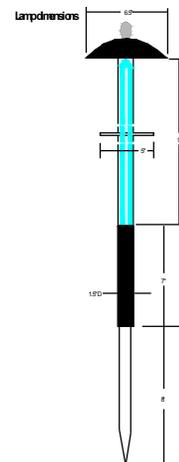
Single unit operation via included wall adapter plugs into any convenient 115 vac outlet. Note the included wall adapter has been used in our test units being installed in the outside New England weather going on for two years continuously with out failure. Multiple connected units are shown on these instructions and involve a certain minimal amount of installation ability.

These systems are an excellent candidate for solar power as energy consumption verse light output is so low. You may contact the factory for our help. Power for the lamps is less than 4 watts yet produces the illumination of lamps consuming much more. **Lamps may be left on continuously.**

## Available Colors and Sizes:

Active lamp length 10"

<b>Polar white</b>	<b>Starlite Purple</b>
<b>Rose Red</b>	<b>Flamingo Pink</b>
<b>Garden Green</b>	<b>Solar Yellow</b>
<b>Midnight Blue</b>	<b>Sunset Orange</b>



## Diffraction Baffle Adjustments:

Current available require the rubber "O" ring to be adjusted on the tube by the user to position the clear plastic diffraction baffle. This feature provides a certain amount of aesthetic choice by changing the appearance of the device.

## Mounting:

The lamp is easily mounted in the ground via a metal stake, mounted on a wall at various angles, mounted on a pole or on a roof all via an available mounting bracket

## Miscellaneous:

Lamps are completely weatherproof and can be exposed to any weather short of a twister.

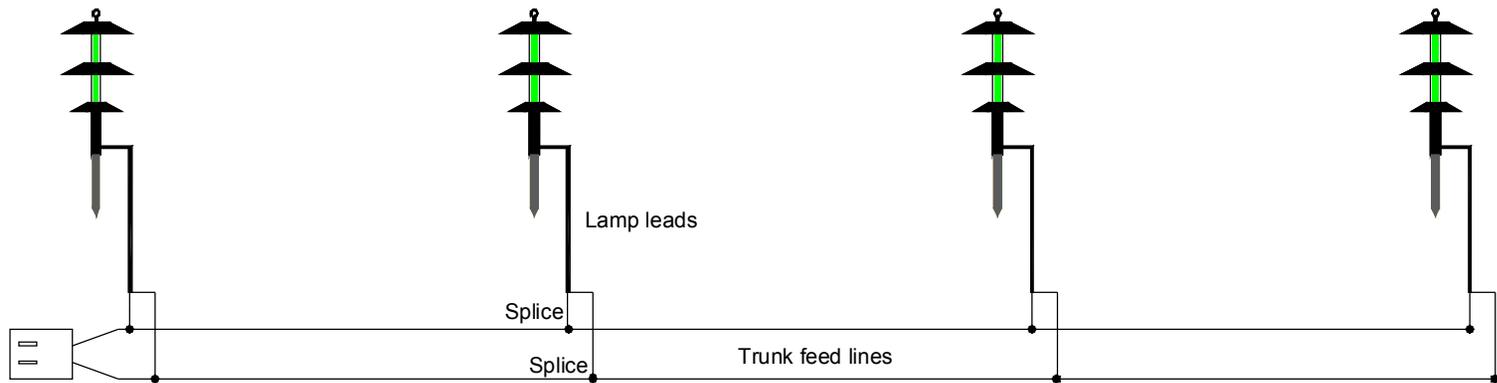
Lamps will be brighter in warmer weather and require less time to reach full brightness.

Lamp should last indefinitely.

Plasma in lamps may have a swirling action for several weeks. This is normal and will eventually go away.

**Single quantity pricing.....\$39.50**

## Multiple Lamp Connecting Instructions up to twenty



1. \*Basic ANDROMEDA lamps are pre-connected to a 12 volt dc/.5 amp wall adapter converter that is ready to plug in. You will need to remove these adapters by cutting the lead about 6" from the adapter and separating the ends about 6<sup>5</sup>/<sub>8</sub>" or so. This will leave almost the full length of the wire on the lamp. It may be shortened later once layout is determined.
2. Layout the the trunk feed lines using polarized #18 outside parallel zip cord according to your layout for up to 10 lamps. Use # 16 for up to 20 lamps. **Polarized cord use colored leads or other identification to determine which wire is positive or negative. BLACK is negative with RED positive.**
3. Connect in individual lamps observing the wire lead with the white trace is connected to the positive side of the trunk feed. Use splice clamps that eliminate all cutting and stripping of wires.
4. Connect the input of the trunk wires to the power box and timer observing positive side is the red lead and negative is the black. Use wire nuts and tape these connections.
5. Apply power momentarily noting all lamps fully power up. If not immediately remove power and recheck wiring. Final install following instructions on power box to set timer etc
6. Suggested power box and timer is the MALIBU ML-100T available along with wire and splice connections from most hardware or building supply stores

# Lamp dimensions

