

Flickering Lantern

Instructions and Specifications

Congratulations on the purchase of your flickering lantern(s) by Lights Alive. To obtain the most realistic look possible, we start with a genuine Dietz brand oil lantern. Next we remove the wick portion of the burner and install a custom bracket used to attach a socket for the light bulb. The bottom of the lantern is then removed and replaced with a custom powder coated steel insert that allows us to install one of our microFLICKER™ controllers for an incredible realistic flame simulation.

If you have ordered customization such as a distressed or aged (rusted) appearance, we will make that shiny black lantern look as old or beat up as you wish. Rather than a paint or other simulated finish, we use a proprietary formula we developed to actually rust the lantern. Once sufficient rust is present, we rinse of the chemicals and apply multiple coats of a satin clear coat finish. This stops the oxidation (rusting) and seals the rust to prevent it from rubbing of onto your hands, clothing etc.

Our microFLICKER™ controller provides the most realistic flame representation possible due to the fact that it was modeled after an actual flame rather than just random flickering. The single control on the microFLICKER™ device is accessible from the bottom of the lantern. This unique control will simultaneously adjust the bulb's intensity plus the rate and depth of the flicker effect.

Lights Alive brand flickering lanterns are available for use on 120-volt AC or 12-volt AC or DC. The 120v version ships with a 6w (0.05 amp), silicone covered bulb with standard candelabra base. You may use any candelabra style bulb up to 40-watts. The 12-v lantern uses a standard 11-watt wedge base bulb (1 amp), which is typically used in landscape lighting. These are available in most hardware or home improvement stores. Alternately, we offer a 12v LED wedge bulb for use when lanterns are connected to batteries. We use a warm white LED as well as wrapping it with a theatrical gel to simulate the color of a flame. While this is an excellent option when power is limited, the standard incandescent bulbs are more realistic.

For safety reasons, we recommend keeping the 120v lanterns dry if possible although they are not sensitive to moisture. If you intend to use your lantern in damp or wet locations, we highly recommend the low voltage version. The low voltage lantern is suitable for seasonal outdoor use, damp or wet locations although it cannot be submerged in water. Make sure your power supply can deliver up to 1 amp per connected lamp. Any typical 12v (1-amp minimum) wall mounted (wall wart) or tabletop power supply, whether regulated or not regulated, will work fine. The 12v lantern works equally well with 12vac or 12vdc and it is not polarity sensitive.

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