

# Battery Powered FIREFLY MAGIC™ Lights Installation Guide

## Model FMB-07 & Model FMB-12

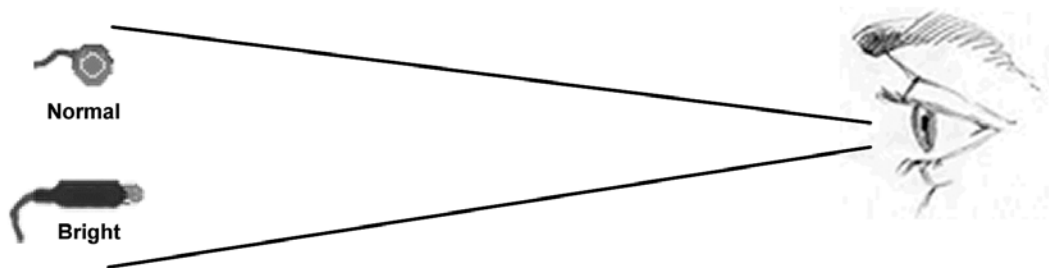
The FMB Firefly Magic lights are for temporary or semi-permanent installations where no 12-Volt AC Landscape lighting transformer is available and the use of solar power is not feasible or desired.

Party planners, caterers, commercial establishments, and homeowners frequently utilize the portable FMB units to create a temporary setting in which the display of flashing, flickering, and fading fireflies adds to the esthetics of a party or event. The FMB units may be used both for indoors and outdoors.

- Your battery powered Firefly Magic lights are delivered with 3 - AA Alkaline batteries installed and the electronic fireflies operating. To turn the lights off, simply twist and slide the end cap off the microprocessor unit, then slide out the battery holder and remove the batteries. **NOTE:** The 3 standard AA Alkaline batteries will last for approximately 30 - 60 days of continuous firefly operation.

## Selecting the Location for Your Firefly Magic™ Fireflies

1. After deciding where you want to install the Firefly Magic electronic fireflies select a central location for the microprocessor and run each firefly wire out from the unit. Depending on your environment, run the firefly wires across the ground, up branches and out the stems of plants to reduce their visibility; or, along structural members such as a gazebo. Be sure each firefly light sticks out slightly so leaves do not cover it. **NOTE:** If the firefly light is placed near the end of a flexible stem or branch, any slight breeze will cause the firefly light to move, creating the added effect of fireflies dancing in the night.
2. Aim each firefly light approximately 90° from where people will be viewing. This ensures the firefly does not appear to be too bright by looking directly into the end of the light. However, if your firefly lights are farther away, or you just prefer them to be brighter, then aim the tip of the firefly light toward the viewers. See diagram below:



3. Your battery powered Firefly Magic™ lights use very little power so they are designed to run continuously.
4. As the firefly lights begin to get dim after a few weeks of operation, just replace the 3 - AA Alkaline batteries. **NOTE:** When new batteries are inserted, all the 'fireflies' will light for 2-3 seconds then flicker off. This indicates the Firefly Magic™ lights are working correctly and their random flash, flicker, and fade cycles have begun.

## Other Firefly Magic™ Light Sets

Firefly Magic™ Lights are available in three (3) Models: FMS - Solar powered, FMB - Battery powered for temporary and semi-permanent installations, and FMT - 12 Volt Landscape Lighting transformer powered. Each of these models can be ordered with either seven (7) electronic fireflies or twelve (12) electronic fireflies. For more information, visit our Website at [www.FireflyMagic.com](http://www.FireflyMagic.com).

**Patent Pending**

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