

Important Read This First

Grow and Hydroponics Fluorex Lights

Thank you for purchasing this high quality long lasting, full spectrum, grow light. This light will be effective in growing plants (both land and aquarium) better than many lights that would cost much more and still not be as effective as this one. Your light is easy to maintain and when you may require a new bulb, you will find them readily available. You can purchase them from the manufacturers web site at: <http://www.lightsofamerica.com> or from a number of other web sites and retail stores (like Home Depot).

Due to some reports of bulb damage on past shipments we are now packing a protective cardboard filler to hold the bulb in place during transit. This must be removed first. We have included full and detailed instructions on how to assemble the light when you receive it. You can view it at our web site: <http://mtigrp.com/ebay/light-assembly>

Assembly is quite easy and should only take a few minutes. You will need a Philips head screwdriver to screw the front protective lens to the light. No other tools are required.

Warm Up of Light & Sensor Cap

This full spectrum light will take a couple of minutes to go into its full light cycle and reach full light output, please be patient. It will appear at first, that only a portion of the bulb is lighting, this is normal for this light.

This light also comes with two sensor caps. One is clear and should be used for auto outdoor use. Its function is to put the light on at dusk and off at dawn. For indoor use you will use the black cap which we have installed for you. This will shut off the lights auto-sensor and will enable you to use the light indoors. You will now be able to control this light with a timer, strip outlet, line switch or manually.

Modification of Light

This light was originally designed for outdoor use and we have modified it for efficient indoor use. We have basically re-manufacturing this great light, and have provided you with an extra long power cord and our patent pending invisible hanging system. As you can see, this light hanging systems attaches to the lens clips for easy adjustment and access to the bulb. Please refer to manufacturer's directions on how to remove these clips and how to replace the bulb if necessary.

Hanging and Adjusting the Light

We have provided you with a full hanging system that includes invisible line cords with adjustable height clips and a hanging hook. The decorative hook can be screwed directly into a ceiling beam (please drill a starter hole to make this easier). If a beam is not close to where you want to hang it, you can use the provided plug or wing molly for installation into a hollow ceiling.

If you need to adjust the way the light hangs (tilts to one side of the other) you can simply slide the clips left or right to make most adjustments. We have provided three positions on the cord to enable easy height adjustment, which might be necessary as your plants grow. You can adjust the height of the invisible line by hanging the light from one of the crimped clips on the line cord. If you want to hang this light lower, you can add a piece of cord, chain or other material between the hook and the cord. Using an "S" hook (one is provided) that will make this easy to do.

Mounting the Light Directly To A Surface

You may want to install the light flush with a wall or ceiling. This is also easy to do but requires drilling two holes for this purpose. Once done it will be possible to screw the light directly into the top of a housing or cabinet, instead of using the hanging wire system.

To Drill Holes for "Direct Mounting", make sure to first unplug the cord from any electricity. Remove the front lens of the light (there are the 4 clips and 4 small screws). Unscrew the bulb and drill two small holes into the rear white metal reflector of the light and through the plastic housing. Be careful and use a punch or a nail to give you a small starting mark in the metal reflector, CAUTION: Make sure to tap the punch or nail lightly so you don't crack the plastic light housing. You only need a small starting point to place the drill bit and to prevent the drill from moving as you begin drilling. Drill through the light and have a piece of wood or other material under the light so you don't damage your counter or work surface when the drill comes through the housing. Drill slowly and don't put too much force on the drill as you do so. This will prevent the housing from spinning as you exit the back of the housing with the drill.

Once you have made your two mounting holes take a couple of sheet metal screws (flat head screws) sold in the Home Depot or other hardware stores and screw the light on. Then replace the bulb and plastic lens with or without the lens clips and your light is ready to be used.

This method is a good one for window boxes, aquarium housings and other installations where hanging the light may not be practical. Although these lights are very cool, it is always a good idea to provide adequate ventilation in a confined area or cabinet.

Other Options

You can add an inexpensive line switch to the line cord. No experience is necessary to install them and most have one small screw that opens the switch for installation of the line cord. You simply lay the line cord into the switch and close it with the screw. It will pierce the cord with its built in contact points and enable the switch to work properly. Some require cutting one part of the cord, but ask the clerk at the store how to install the switch you select.

It is always advisable to hook your lights up to a timer so that you can regulate the amount of light each day hitting your plants or aquarium. This will give you optimum growing results. Usually 10-12 hours per day is more than enough.

Customer Support

If you have any questions or problems, please email me at:

Len@mtigrp.com

Or feel free to call me day or evening at: 732 888-2777 and I will be happy to give you any tech support you might need.