



Installation Instructions

IllumiGlow® Fountain Plume Lighting Kit

Item# PB2903

For Use with Drilled Stone Fountains



DESCRIPTION AND FEATURES

Blue Thumb's IllumiGlow® Fountain Plume Lighting Kit, has been manufactured with quality materials to ideally integrate into any pond and garden scene, thanks to their compact design.

- Our lights are suitable for use in or out of water.
- The high power energy efficient LED emits a natural warm light providing years of maintenance free satisfaction.
- The easy to use RF Remote Control operates from up to 30 ft. from the RF Control Module.
- The 110-120V AC transformer converts the power supply to a safe 12 volts for peace of mind in your pond or garden.

Included:

- 3 Corded RGB Fountain Plume Lights
- Transformer
- RF Control Module
- RF Remote Control
- Photocell Light Sensor
- 4-pin Splitter
- All Connection Cords

Note: Tubing with a 3/4" inside diameter is required for installation of this kit.

BEFORE USING THIS PRODUCT, PLEASE READ THESE INSTRUCTIONS CAREFULLY AND MAKE YOURSELF FULLY FAMILIAR WITH THE UNIT. PLEASE KEEP THESE INSTRUCTIONS IN A SAFE PLACE FOR FUTURE REFERENCE.

INSTALLATION

If required, have a qualified electrician install a weather proof power point near to the pond or garden, within reach of the Transformer, 36-watt RF Control Module, Photocell and Light.

Mount the Transformer, Photocell, and 36-watt RF Control Module in a dry and protected location making sure that they can't be wet by either rain or reticulation. They are water resistant but not waterproof.

RGB LED Light Item# PB2910 – Individual Lights

- Slide the Weighted Base (3) into the circular recess on the underside of the Light Body (2).
- Position the submersible Light Body (1) in the desired location taking care not to wet the 4-pin female plug at the end of the attached 30ft. cord (4).
- Up to 5 lights can be connected to the lighting system using our 5-way, 4-pin Splitter (5).

Note: If using an optional garden spike as a base, take care not to penetrate any hidden services or pond liner.

Starter Pack System Item# PB2927 – Power Control System

- Connect the 4-pin plug on the end of each Light Body 30ft. cords (4) to the 5-way Splitter (5).
- Use the 4-pin cord (6) to connect the 5-way Splitter (5) to the 36-watt RF Control Module (7) "Output" end of the module.
- Use a 2-pin power cord (9) to connect the 36-watt RF Control Module (7) "Input" to the Photocell (10) "Output" end.
- Use the other 2-pin power cord (9) to connect the Photocell (10) "Input" to the Transformer (11).
- Firmly tighten all power cord locking collars throughout the power chain.
- The Transformer (11) can now be plugged in.
- Insert the battery supplied into the RF Remote Control (8) to adjust your lighting system.

Lighting Feature Controls

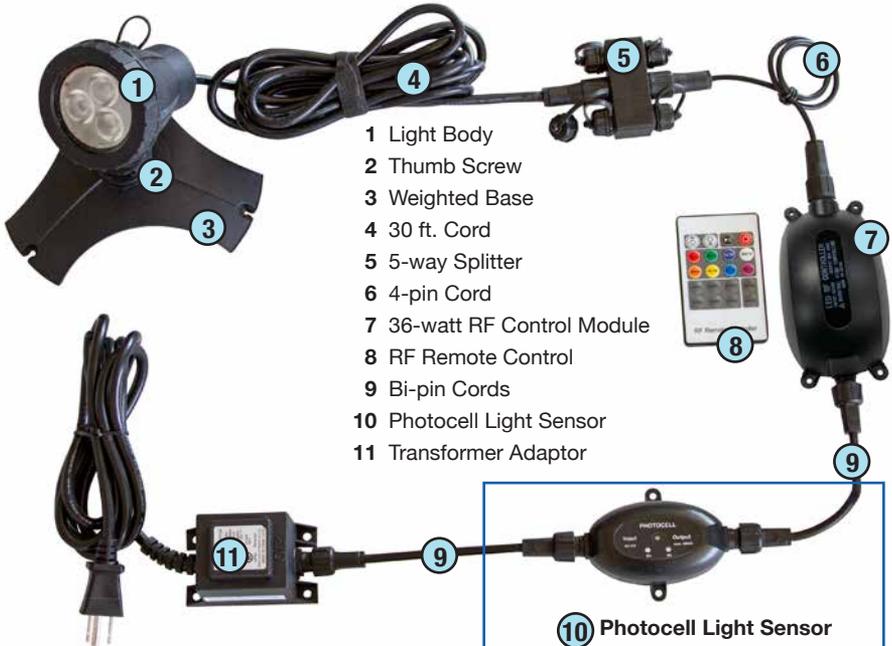
- 1 RGB LIGHTS** Adjust the mounted 3-watt LED light(s) until facing in the general direction of the feature(s) you wish to illuminate. We recommend final adjustments be carried out at night. Fine tune by tilting the light body to adjust lighting angle. Once a light is in position, lock in place by tightening the Thumb Screws (2) on the side of the base connector(s), taking care not to over tighten.
- 8 RF REMOTE CONTROL** Easy to use and self-explanatory. A number of lighting effects can be achieved with the various modes: Dimmer, Color Selection, Effects, and Cycle Speed. Remote distance reaches up to 40 feet.
- 10 PHOTOCCELL** Position waterproof light sensor so it's exposed to daylight. On the underside of the Photocell Light Sensor click the Button (F) to select lighting illumination amount of time from dusk; 4 hours (green light), 6 hours (blue light), or dusk to dawn (no light).

MAINTENANCE

There is minimal maintenance required on your **Blue Thumb IllumiGlow® Color Changing LED Lighting System**. The lighting system should be inspected on a regular basis to ensure the light or cable is not damaged in any way.

Clean the lens on the light(s) regularly for maximum efficiency.

CONNECTION DIAGRAM



- 1 Light Body
- 2 Thumb Screw
- 3 Weighted Base
- 4 30 ft. Cord
- 5 5-way Splitter
- 6 4-pin Cord
- 7 36-watt RF Control Module
- 8 RF Remote Control
- 9 Bi-pin Cords
- 10 Photocell Light Sensor
- 11 Transformer Adaptor

8 RF Remote Control



- A On / Off
- B Dimmer Control
- C Color Selection
- D Lighting Effects
- E Cycle Speed

RF REMOTE CONTROL INSTRUCTIONS

The RF Remote Control is easy to use and self-explanatory. A number of lighting effects can be achieved with the various mode selections: Dimmer, Color, Effects, and Cycle Speed.

10 Photocell Light Sensor



Selection Button on bottom

PHOTOCELL INSTRUCTIONS

Position waterproof light sensor so it's exposed to daylight. On the underside of the Photocell Light Sensor click the Button to select lighting illumination amount of time from dusk:

4 hours (green light), 6 hours (blue light), or no light for dusk to dawn.

WARRANTY AGAINST DEFECTS

This product comes with a warranty against defects (Warranty). The Warranty is provided to the original purchaser of the product on the following terms:

- To make a claim under the Warranty you must return the faulty product to the place of purchase with a valid receipt or proof of purchase.
- A Warranty claim must be made within 1 year of the date of purchase.
- If your claim complies with the above terms and the product is not an Exhaustible Item and no Voiding Events have occurred, we will (at our sole discretion):
 - repair the product, if possible; or
 - provide a replacement product; or
 - if a replacement product is not available, provide a refund for the purchase price paid.
- You will bear the cost associated with claiming under the Warranty such as the cost of transportation and delivery of the product to and from the place of purchase.
- The Warranty will be void if any of the following events occur, as determined by us, at our sole discretion (Voiding Events):
 - any tampering/removal of warranty/identification labels or electrical components is evident;
 - the defect has arisen due to: an accident, incorrect or inadequate installation, misuse or abuse of the product (including improper maintenance and service), excessive wear and tear, not following manufacturer's guidelines/instructions, or the product has been used in a manner contrary to the purpose or suitability of the product;
 - the product has been modified without our authority including but not limited to cutting, modifying or extending any of the wiring;
 - the defect is caused by power surges/spikes/brownouts.
- Damage to property or personal injury caused by the improper use or abuse of the product will not be covered and the manufacturer excludes all liability for such events, to the extent permitted by law.

IMPORTANT SAFEGUARDS

To guard against injury, basic safety precautions should be observed including but not limited to the following:

- Only the light is submersible. The rest of the system (transformer, photocell, RF controller) is rain proof but not waterproof. The light should only be used in clean water. Do not use the light in any solvent or flammable liquids. Do not use in chlorinated or salt water.
- Do not operate if the light or any of the components of the light, such as the power cable or transformer, have been damaged.
- If the 110V plug supplying the transformer gets wet, do not unplug the cord. Disconnect the circuit breaker that supplies power to the power outlet. Then unplug and examine the plug and power outlet for presence of water. If the power outlet has become wet, you should consult an electrician before using the again.
- Always use a properly grounded power supply.
- Always unplug the lighting system from the power supply when not in use or before performing any maintenance. Never pull the transformer cord to disconnect the plug from the power supply. Grasp the plug and pull to disconnect.
- Keep out of reach of children or pets.
- Do not cut the cord as this will result in voiding your warranty.
- Care should be taken to arrange the power cord so that it cannot be accidentally tripped over or pulled.
- Do not attempt to repair the light yourself. Return to place of purchase if a fault occurs.
- Do not use in water above 95°F.

THANK YOU FOR PURCHASING!
ENJOY!



www.shopbluethumb.com

We'd love to see your project!
Send high quality photos or videos of your finished Blue Thumb projects to our social media.

