



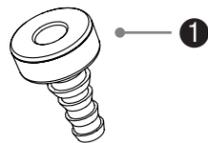
LED COLOR-CHANGING FOUNTAIN LIGHT

Aquascape LED Color-Changing Fountain Lights are developed to provide an impressive accent to fountains. This instruction manual will guide you through the proper installation of Aquascape color-changing lighting as well as recommended maintenance procedures to ensure long-term effectiveness.

LED Color-Changing Fountain Light Item #84072



Contents - #84057	
No.	Description
1.	LED Color-Changing Fountain Light



Required Products



Color-Changing Lighting Control Hub (remote included) (#84061)



12-Volt Transformer

NOTE: The lighting control hub is required to power and control Aquascape color-changing lights. Each hub can control up to 150-Watts of lights.

Recommended Products



3-Way Color-Changing Splitter (#84062)



6-Way Color-Changing Splitter (#84068)



25' Color-Changing Lighting Extension Cable (#84069)



25' 5-Outlet Color-Changing Lighting Extension Cable (#84070)

Contact Us

For more information about our company or products, please visit our website at aquascapeinc.com or call US (866) 877-6637 CAN (866) 766-3426.

Safety Information



WARNING: It is recommended whenever working in or near water to have all electrical devices plugged into a ground fault interrupter (GFCI) that has been installed by a licensed electrician.

- To reduce the risk of electrical shock or damage to the light, all wiring and junction connections should be made per local codes. Requirements may vary depending on usage and location.

- The power cable should be protected at all times to avoid punctures, cuts, bruises, and abrasion.
- Operating the light fixture outside of the 10.8-15 volt operating range voids the product warranty and may damage or shorten the life of the LEDs.



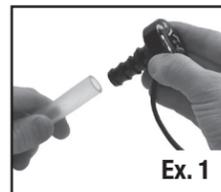
IMPORTANT: Aquascape, Inc. is not responsible for losses, injury, or death resulting from a failure to observe these safety precautions, misuse or abuse of pumps or equipment.

LED Color-Changing Lighting Specs	
Model	LED Color-Changing Fountain Light
Dimensions	1.5" diameter x 2.5"H
Voltage Min-Max/Tensions Min-Max	10.8V-15V
Wattage	2.5±10%
Lumens	20 lm (white)
Kelvin Temperature	3,000 K (white)
Color Rendering Index	70 (white)
Beam Angle Spread	30°
Cord Length	15'

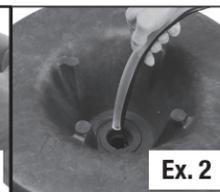
Installation

FOUNTAIN CONNECTION

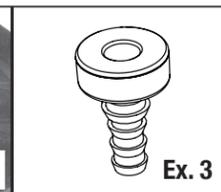
- Connect fountain tubing/pipe to the barb at the base of the light, using a twisting motion to secure it in place (Ex. 1).
- Run the tubing down the fountain with the light cable (Ex. 2).
- If desired, the barbed connect can be removed from the light for installation in tight spaces. Simply thread the barb counter-clockwise until it disconnects from the light fixture (Ex. 3).



Ex. 1



Ex. 2



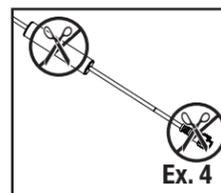
Ex. 3

CONNECT LIGHT FIXTURES

- Aquascape color-changing lights include 5-pin, quick-connect fittings to provide tool-free electrical connections.



WARNING: Do not cut or remove the quick-connect fitting or isolation chamber, as it will damage the light and void the warranty (Ex. 4).



Ex. 4

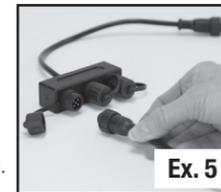
- Color-changing splitters and extension cables are available to install multiple lights. See the recommended products section for available extensions and splitters.

Find us on:

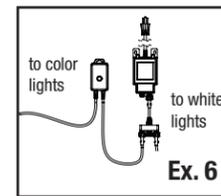


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- Connect lights to Aquascape color-changing splitters and extensions (Ex. 5).
- NOTE:** Quick-connect connections must be fully tightened to prevent water from entering. Dielectric grease, available at most home improvement stores, can be used in all connections to further prevent water infiltration.
- For installations with existing low-voltage lighting or components, split the power after the transformer, before the color-changing lighting control hub, to run color-changing light off the existing transformer (Ex. 6).



Ex. 5



Ex. 6



WARNING: Do not submerge quick-connect fittings, as moisture entering the connections will damage the lights.

COLOR-CHANGING LIGHTING CONTROL HUB

- The Aquascape Color-Changing Lighting Control Hub (not included) is required to power and control Aquascape color-changing lights (Ex. 7).



Ex. 7

NOTE: Each control hub can control up to 150-watts of color-changing lights.

NOTE: Only one remote can be paired to a single hub.

NOTE: Multiple Color-Changing Lighting Hubs and remotes can be used to assign multiple colors simultaneously.

NOTE: The control hub is weather resistant, but not waterproof. Install it off the ground and protected from the elements.

TRANSFORMER SETUP

- Aquascape color-changing lights are designed to operate on a 12-volt, outdoor-rated transformer.



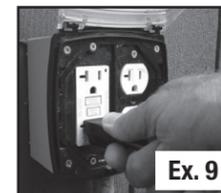
WARNING: Aquascape color-changing lights have a max voltage operating range between 10.8 and 15 volts. Operating the light outside of this voltage range voids the product warranty and may damage or shorten the life of the light.

NOTE: It is recommended to locate the transformer as close to the light fixtures as possible to avoid voltage drops caused by long cable runs.

- Connect the 2-pin quick-connect fitting on the lighting control hub to the transformer (Ex. 8).
- Plug the transformer into a GFCI-protected outlet (Ex. 9).
- Bury or conceal any visible cables. It is recommended to bury light cables no deeper than 6".



Ex. 8



Ex. 9

REMOTE CONTROL PAIRING

- Each control hub includes a wireless remote control. Install two AAA batteries (not included) in the back of the remote control.
- To synch the remote control to the hub, hold the power button on the remote while connecting the light, extension, or splitter cable to the 5-pin connection on the lighting control hub (Ex. 10).
- All lights plugged into the control hub will flash green once it enters pairing mode.



Ex. 10

- Once the remote is synched to the control hub, bury or conceal any visible cables. It is recommended to bury light cables no deeper than 6".

REMOTE CONTROL FUNCTIONS

- Power/Pair – Turn lights on and off as desired. Also use this button to pair the remote to the hub.
- Color Wheel – Select your desired color
- Rate/Speed Up – Increase the speed of the cycle or strobe option
- Rate/Speed Down – Decrease the speed of the cycle or strobe option
- Select Mode – Stops the cycle or strobe to achieve the desired color
- Undo Mode – Revert back to the cycle or strobe last selected
- Brightness Up – Increase the brightness
- Brightness Down – Decrease the brightness
- Cycle – Continuously changes through all available color options
- White – Engages the white diodes for a warm white light (3,000 K)
- Strobe – Select between a variety of strobe options

General Maintenance

- Periodically clean the fixture with fresh water, removing any existing algae, debris, or buildup.

Troubleshooting

- Lights won't turn on
 - Press the power button on the remote
 - Make sure the outlet is receiving power
 - Make sure the ground-fault circuit interrupter (GFCI) is not tripped
 - Check to verify that the lights are receiving the correct voltage
 - Verify that the photocell (not included) is functioning properly
- Lights won't turn off
 - Verify that the photocell (not included) is functioning properly
- Remote Control is not functioning
 - Make sure the AAA batteries are not dead
 - Re-synch the remote control to the lighting control hub

Warranty Information

5 YEAR WARRANTY

Aquascape LED Color-Changing Fountain Lights are guaranteed for five years from date of purchase. Proof of purchase required. Warranty does not cover damage resulting from negligent handling, misuse or lack of care. Light failure as a result of improper wiring is not covered under warranty. Lights should only be operated in fresh water without corrosive chemicals like chlorine or bromine. Warranty is valid against defects due to material and workmanship only. Products returned must be cleaned, sanitized, or decontaminated, as necessary, prior to shipment to ensure that employees will not be exposed to health hazards in handling said material. All applicable laws and regulations shall apply. The sole obligation shall be to replace the defective unit with a suitable replacement unit. Units should be checked for proper operation prior to returning as defective. No liability for loss or damage of any nature or kind, whether arising out of or from the use of the product, whether defective or not defective, is assumed by Aquascape, Inc. or its affiliates.

For more information about our company or products, please visit our website at aquascapeinc.com or call us at US (866) 877-6637 CAN (866) 766-3426

