



# **Color Splash™ Installation and Operation Guide**

**COLOR SPLASH REPLACEMENT MULTI-COLOR LED  
IN-GROUND POOL AND SPA LIGHTS Model #s:  
LPL-2030-12-2, LPL-2030-110-2, LPL7030-12-2, LPL-7030-110-2**

Color Splash Replacement Multi-Color LED In-ground Pool and Spa lights offer a variety of microprocessor controlled lighting effects that will instantly transform your pool or spa into a color-rich paradise.

This owner's manual contains important information on installing and using your new Color Splash Replacement Multi-Color LED In-ground Pool or Spa light. Please read it carefully and keep it in a safe place for future reference.

**WARNING!**

**Permanent damage to the 12V AC lamp will occur if installed on a 120V AC circuit.**

Color Splash Replacement Multi-Color LED In-ground Pool and Spa lights are available in 12V AC (low voltage) and 120V AC models as indicated on the product packaging. Each light has a screw-in Edison base.



**DANGER!**

**RISK OF ELECTRICAL SHOCK OR ELECTROCUTION**

Always disconnect power to the pool or spa light at the circuit breaker panel before attempting to service the light. Failure to do so could result in serious injury or death due to electrical shock. Refer to the original manufacturer's pool or spa installation manual before proceeding. As with any electrical device, installation and service should always be performed by a qualified individual.

**This device is not intended for use in anything other than in-ground pools and spas.**

## Rated Lamp Life

The illumination generated by the Color Splash Replacement Multi-Color LED Pool and Spa lights is based on Light Emitting Diode (LED) technology. The average expected lamp life is rated up to 100,000 elapsed time hours under normal operating conditions. [Temperature: -20°F to 110°F (-29°C to 43°C), Humidity: 5-95% non-condensing].

## Safety Precautions

- Do not open, service or tamper with any internal component of the Color Splash Replacement Multi-Color LED In-ground Pool or Spa light. Doing so will void the warranty. Follow each instruction in this owner's manual and pay careful attention to all warnings.
- Do not directly expose or immerse the Color Splash Replacement Multi-Color LED In-ground Pool or Spa light in water without containing it in a proper watertight light housing and niche assembly.
- Keep the pool or spa light dry.
- Handle the Color Splash Replacement Multi-Color LED In-ground Pool or Spa light with care. Be careful not to drop the unit.

**IMPORTANT NOTE:** *Color Splash lights are recommended for installation by a qualified spa or pool professional. Color Splash lights cannot be used with dimming systems. Doing so will void the warranty.*

# INSTALLATION

**For LPL-2030-12-2/  
LPL-2030-110-2/LPL-7030-12-2/  
LPL-7030-110-2 Color Splash  
Replacement Multi-Color LED In-  
ground Pool and Spa Lights**

Your new Color Splash Replacement Multi-Color LED In-ground Pool or Spa light fits most Edison type 12V AC and 120V AC light sockets. It is not for use with pools or spas that have current control mechanisms or electronic dimming controllers.

## COMPATIBILITY

**Pool Light Housings:** Hayward® Astrolite™ SP058 Series, Pentair® Amerlite 784 Series

**Spa Light Housings:** Hayward Astrolite II SP059, Pentair® SpaBrite™ Series

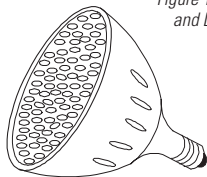
## STEP 1

### MAKE SURE POWER IS TURNED OFF.

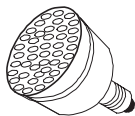
Be certain you are installing the correct voltage Color Splash light (120V AC or 12V AC).

Access the old light according to your pool or spa manufacturer's instructions. Loosen the screws that hold the existing light housing from the niche assembly and place it on the pool deck. There should be enough power cord to do this easily. If there is not enough power cord to allow the light housing to reach the pool deck surface, call your local pool service company.

Figure 1: LPL-2030  
and LPL-7030



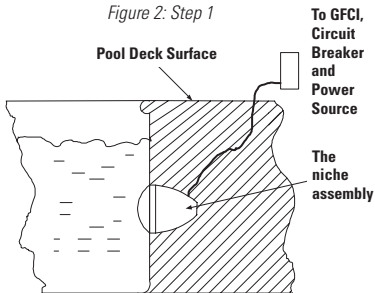
Pool Light



Spa Light

3

Figure 2: Step 1



## STEP 2

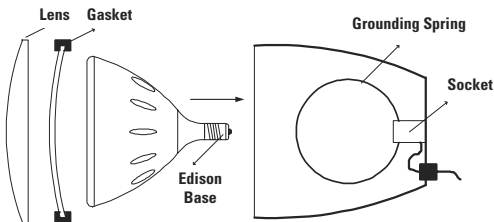
Remove the screws and/or loosen the clamp that holds the face plate and lens in place. Carefully remove the lens from the pool or spa light. Take care not to damage the surface of the light housing body that makes contact with the rubber gasket.

## STEP 3

Remove the old bulb and discard. You are now ready to install your new Color Splash Replacement Multi-Color LED In-ground Pool or Spa light.

Carefully screw the Color Splash light into the socket. You are now ready to re-assemble the light housing.

Figure 3: Steps 2-4



## STEP 4

### WARNING!

Always install a new lens gasket to ensure a positive seal.

Proceed by cleaning any gasket residue from the light housing body. A clean surface is necessary for the new gasket to seat properly and prevent leakage. Install the new gasket.

Set the lens and faceplate in the light housing and re-assemble. Tighten the screws slightly, allowing the gasket to seal evenly. Do not over tighten the screws.

Once the screws are tight, submerge the assembled light housing in the water and visually check that air bubbles are not escaping from the gasket area. Should bubbles appear, remove the light from the water and reset the gasket and lens.

Once you are satisfied that there are no air leaks, complete the installation by wrapping the cord around the light housing and re-attaching the light housing to the niche assembly.

Reconnect power by resetting the circuit breaker to the “on” position. You are now ready to enjoy your new Color Splash Replacement Multi-Color LED In-ground Pool or Spa light.

*Note on Figures 1-4: All figures are provided for illustration purposes only. Refer to the original manufacturer's pool or spa light installation manual for further reference.*

## OPERATION

### **For LPL-2030-12-2, LPL-2030-110-2, LPL-7030-12-2, LPL-7030-110-2 Color Splash Replacement Multi-Color LED In-ground Pool and Spa Lights**

Use the pool's or spa's current light switch to control the light shows of your new Color Splash light.

#### **Solid Colors**

Your Color Splash Replacement Multi-Color LED In-ground Pool or Spa light has seven solid colors available for you to experience. Colors can be selected using the Color Lock feature.

1. Parisian Blue
2. Brazilian Red
3. Tahitian Blue
4. Miami Pink
5. Tuscan Orange
6. Arctic White
7. New Zealand Green

#### **Light Shows and Color Blends**

Your Color Splash light has five light shows from which you can choose:

1. Slow Splash
2. Fast Splash
3. Super Slow Splash
4. Patriotic Splash
5. Tidal Splash

The first three light shows display all seven solid colors, while the last two display selected colors. All light shows, except Fast Splash, allow you to view multiple color blends. Color blends occur when the light gradually blends one solid color into the next. Using the Color Lock feature, you can stop the light at any point during the transition to select a color blend.

#### **Choosing Colors and Light Shows**

Color Splash Replacement Multi-Color LED In-ground Pool and Spa lights are pre-programmed and synchronous with each other while offering a wide array of lighting effects and options. They offer five different light shows to choose from, as well as a Color Lock feature which allows you to ‘lock’ the light on any of the solid colors or color blends. The Color Splash light does not require any special hardware, as it is controlled by using your existing pool light power switch.

**Using the Color Lock feature:** The Color Lock feature allows you to ‘lock’ the light on any of the solid colors or color blends. To activate the Color Lock feature during any of the Color Splash Replacement Multi-Color LED In-ground Pool or Spa light's shows, turn the pool light power off and then back on again within 2 seconds. To deactivate the Color Lock feature and resume the light show, turn the pool light power off and then back on again within 2 seconds.

**Changing light shows:** To move from one light show to another, turn the pool light power off for 3-4 seconds and then back on again.

### **Slow Splash** (Factory Default Light Show.)

Show: Slow cross-fade through all seven solid colors.

Cycle: Two minute color sequence cycle with slow cross-fade between colors. Light will hold on each solid color for 8 seconds before moving to the next.

### **Fast Splash**

Show: Quick and random flashes through the seven solid colors.

Cycle: Random fast change between solid colors in half second intervals.

### **Super Slow Splash**

Show: Very slow cross-fade through all seven solid colors.

Cycle: Seventy-seven minute color sequence cycle with super slow cross-fade between solid colors. Light will stay on each solid color for 10 minutes before moving to the next.

### **Patriotic Splash**

Show: Quick cross-fade through red, white and blue.

Cycle: Eleven second cycle through red, white and blue with quick cross-fade between colors. Light will stay on each solid color for 3 seconds before moving to the next.

### **Tidal Splash**

Show: Slow cross-fade between green and blue.

Cycle: Twenty-four second cycle through green and blue with slow cross-fade between solid colors.

*(TIP: The Slow Splash light show is the best show to use in order to practice using the Color Lock feature of the light.)*

**Memory Mode:** When your Color Splash Replacement Multi-Color LED In-ground Pool and Spa lights are turned off for at least 8 seconds, the color or light show on display will be stored. The next time the power is turned on, the light will resume displaying that same color or light show.

**Reset Mode:** For multi-light installations, should your Color Splash Replacement Multi-Color LED Pool or Spa lights become asynchronous (non-synchronous), you can reset your lights using your pool light switch. To activate the reset mode, turn the power off for 5-7 seconds and then back on again. The lights will indicate that they have been reset by flashing red a few times. When you reset the Color Splash lights they will go back to the Slow Splash light show.

*NOTE: Your Color Splash Replacement Multi-Color LED In-ground Pool and Spa lights are "synchronous", meaning you can experience the same light shows in your pool and spa at the same time. However, all of the pool and spa lights must be on the same electrical circuit for this feature to be operational. Please consult a qualified electrician to determine your specific pool and spa circuit configuration.*

## 5-YEAR LIMITED WARRANTY

### **Product Warranty**

J&J Electronics, Inc. warrants the Color Splash™ Multi-Color LED In-ground Pool or Spa light (the Product) to be free from defects in material and/or workmanship, under normal use, conditions and service, for a period of five (5) years from the original date of purchase. If during the warranty period, there is a defect in material or workmanship, J&J Electronics, Inc. will repair or replace (at its discretion) the Product under the conditions of the warranty. The warranty covers normal consumer use of the Product. To obtain warranty service, contact the establishment from which the Product was purchased.

### **Exclusions from Warranty**

The Color Splash™ Multi-Color LED In-ground Pool or Spa light is designed for use in in-ground swimming pools and spas only. If installed for use in any other application, the warranty is void thereby releasing J&J Electronics, Inc. from any and all claims related to its misuse. The warranty does not cover and J&J Electronics, Inc. shall be held harmless against any damage occurring during shipment, damage or failure resulting from alteration, accident, theft, abuse, negligent installation, improper service, unauthorized repairs or where adequate care has not been taken to prevent damage to the Product. Tampering with any internal component of this Product will void the warranty. This warranty does not cover failure due to the presence of water inside the niche fixture. This warranty excludes all incidental or consequential damages except as required by state law. This warranty gives you specific rights. You may have other rights that vary according to the laws of your state.

For more information about this or other ColorGlo™ lighting enhancement products, please visit [www.ColorGloProducts.com](http://www.ColorGloProducts.com).