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**Fitop HCP0157**

# Fitop LED Pool Lights User Manual (Model HCP0157)

Submersible RGB Color Changing Pool Light with APP Control, IP68 Waterproof, 12W, 32ft Cord

## Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Fitop LED Pool Light. Please read this manual thoroughly before use to ensure proper function and safety. This product is designed to provide vibrant, color-changing illumination for pools, spas, and other water features.




Image: Examples of the Fitop LED Pool Light in various settings, including swimming pools, bathtubs, fish tanks, and ponds.

## Safety Information

**Important Safety Instructions: Failure to follow these instructions may result in electric shock, fire, or serious injury.**

- **Low Voltage Operation:** The included transformer reduces the power supply from 110V to a safe 12V for underwater use. Do not bypass or modify the transformer.
- **Professional Installation:** Installation requires the use of professional underwater adhesive. Ensure the adhesive is suitable for your pool surface and applied correctly to prevent the light from detaching.

- **Power Source:** Connect the light only to a properly grounded outlet protected by a Ground Fault Circuit Interrupter (GFCI).
- **Cord Management:** Ensure the 32ft power cord is routed safely to prevent tripping hazards and damage. Do not pinch or place heavy objects on the cord.
- **Water Immersion:** This product is IP68 waterproof rated for full submersion. Do not operate if the light housing or cord appears damaged.
- **Children and Pets:** Keep the product and its components out of reach of children and pets.
- **Maintenance:** Disconnect power before performing any maintenance or cleaning.

## Package Contents

Verify that all items are present in the package:

- Fitop LED Pool Light Unit
- 12V Power Adapter/Transformer
- RF Remote Control
- Mounting Base/Stubble
- Professional Underwater Adhesive
- Wire Lanyard
- Instruction Manual (this document)




Image: Contents of the Fitop LED Pool Light package, including the light unit, power adapter, remote control, mounting base, adhesive, and wire lanyard.

## Specifications

| Feature | Specification |
|---|---|
| Brand | Fitop |
| Model Name | Bluetooth Pool Light (HCP0157) |
| Product Dimensions | 5.9"L x 5.9"W x 1.6"H |
| Item Weight | 1.3 pounds |
| Material | Acrylonitrile Butadiene Styrene (ABS), Polycarbonate (PC) |
| Power Source | AC/DC (via 12V transformer) |
| Input Voltage | 110V (converted to 12V) |

| | |
|---|---|
| Output Voltage | 12 Volts |
| Wattage | 11 watts |
| Brightness | 500 Lumens |
| Water Resistance Level | IP68 Waterproof |
| Control Method | App (Bluetooth), Remote Control |
| Special Features | Color Changing, Dimmable, Timer Schedule, Music Sync |
| Light Source Type | LED |
| Cord Length | 32 feet (10 meters) |
| Lifespan | Up to 50,000 hours |

## Setup and Installation

The Fitop LED Pool Light offers two primary installation methods: adhesive mounting or screw mounting for enhanced stability.

### Method 1: Adhesive Mounting (Recommended for ease of installation)

1. **Prepare Surface:** Clean and dry the desired installation area on your pool wall. Ensure it is free of debris, algae, or oils.
2. **Apply Adhesive:** Apply a sufficient amount of professional underwater adhesive to the back of the mounting base.
3. **Attach Mounting Base:** Firmly press the mounting base onto the cleaned pool surface. Hold in place for a few moments to ensure initial adhesion. Allow the adhesive to cure completely according to the adhesive manufacturer's instructions before proceeding.
4. **Insert Light:** Once the mounting base is securely attached, insert the Fitop LED Pool Light unit into the fixed stubble of the base.
5. **Secure Lanyard:** Attach the wire lanyard to the light unit and a secure point to provide an additional safety measure, preventing the light from sinking if it detaches.

### Method 2: Screw Mounting (For increased stability)

1. **Prepare Surface:** Clean and dry the desired installation area on your pool wall.
2. **Mark Drill Points:** Place the mounting base on the desired location and mark the screw holes.
3. **Drill Holes:** Carefully drill pilot holes at the marked points, ensuring not to damage the pool liner or structure.
4. **Secure Mounting Base:** Attach the mounting base to the pool wall using appropriate screws for underwater use. Apply professional underwater adhesive around the screw heads and base edges for a watertight seal.
5. **Insert Light:** Once the mounting base is securely attached, insert the Fitop LED Pool Light unit into the fixed stubble of the base.
6. **Secure Lanyard:** Attach the wire lanyard to the light unit and a secure point.

### Power Connection

1. **Connect Transformer:** Plug the 12V power adapter/transformer into a standard 110V GFCI-protected electrical outlet.

2. **Route Cord:** Carefully route the 32ft cord from the light to the transformer, ensuring it is not kinked or damaged.
3. **Verify Connection:** Ensure all connections are secure before submerging the light.

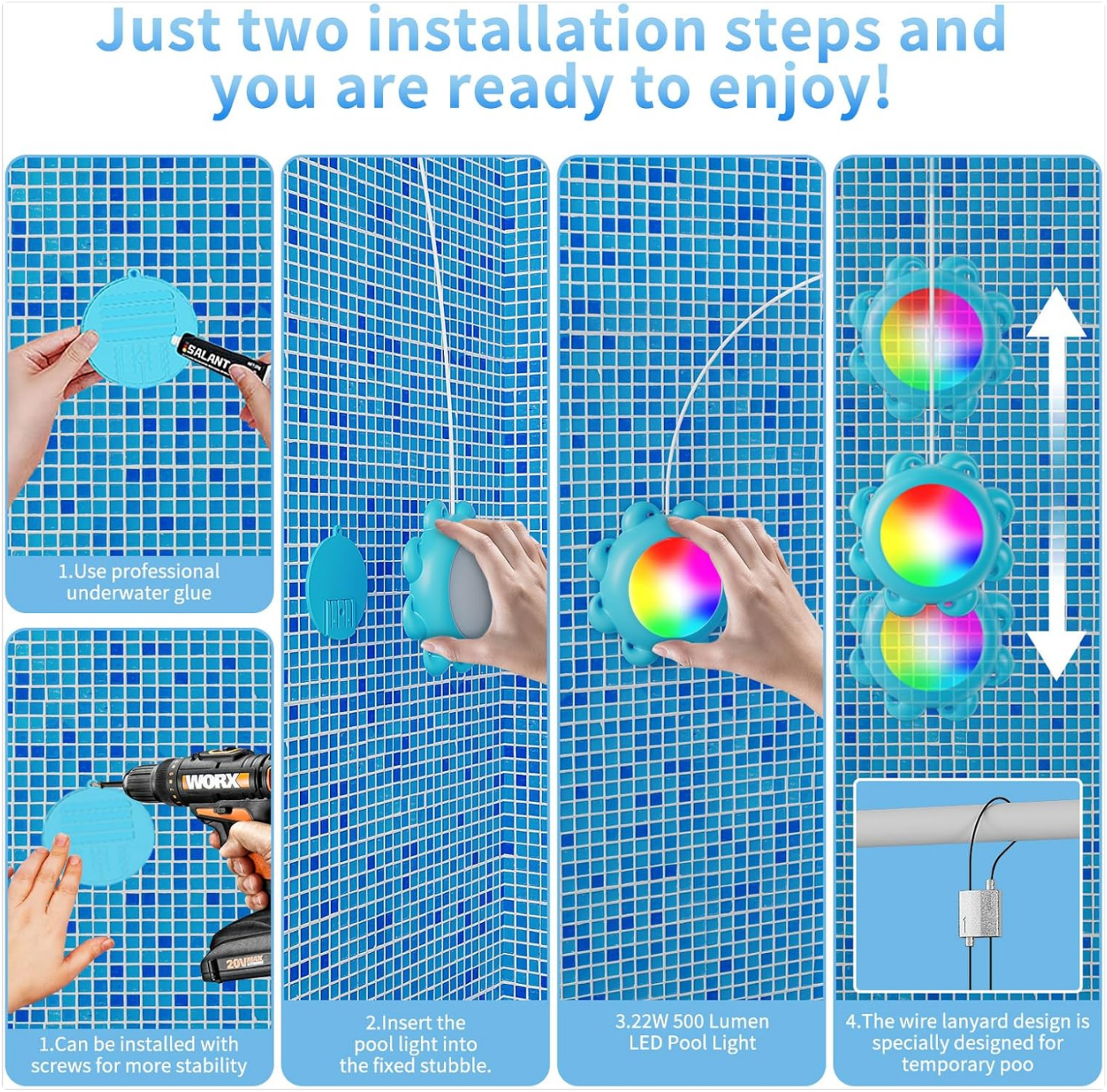



Image: Visual guide showing the steps for installing the Fitop LED Pool Light, including applying underwater glue or using screws, and inserting the light into its base.

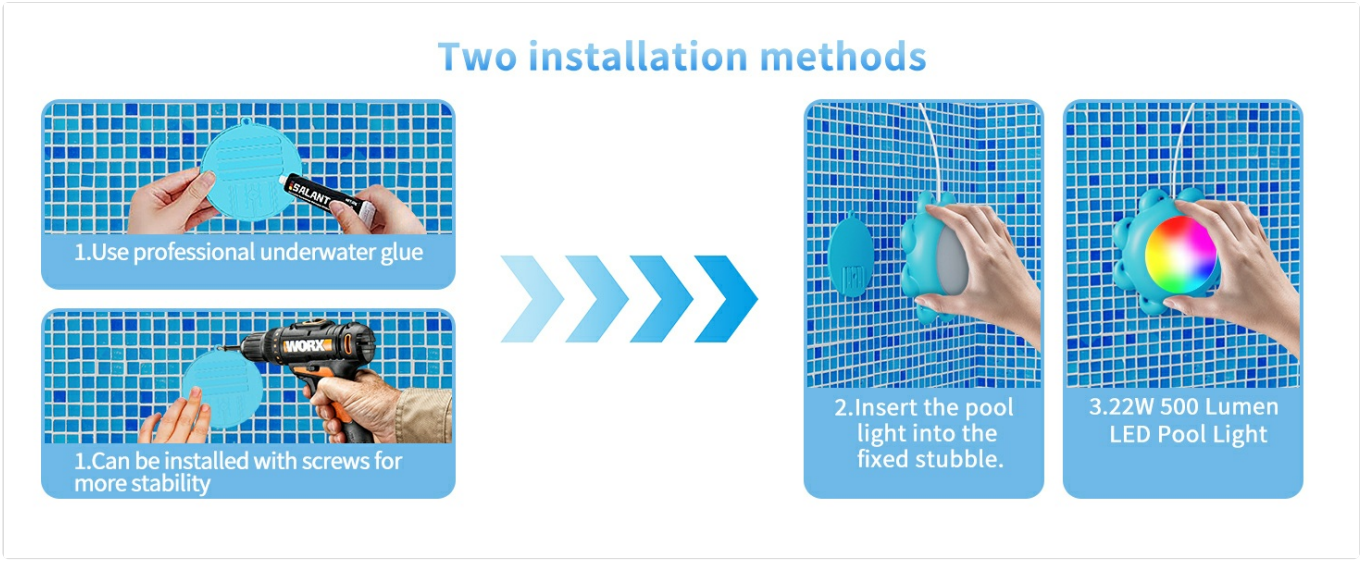



Image: Illustration detailing the two installation methods: adhesive application and screw mounting for the pool light base.

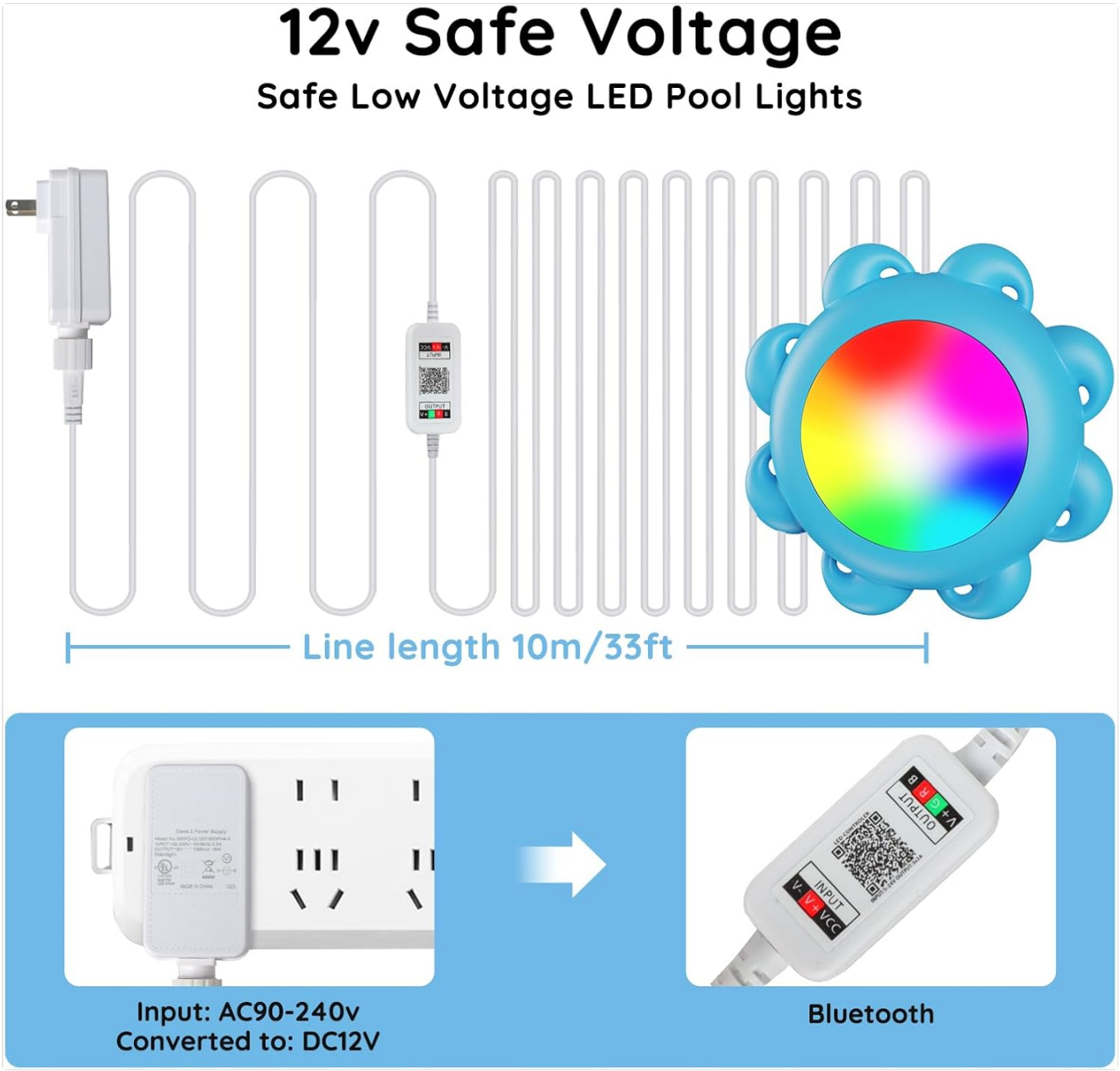



Image: Diagram illustrating the 12V safe voltage operation of the Fitop LED Pool Light, showing the transformer converting AC90-240V to DC12V.

## Operation

Your Fitop LED Pool Light can be controlled via a dedicated mobile application (APP) or the included RF remote control.




Image: Overview of the Fitop pool lighting system, highlighting both APP and remote control options with various features.

### APP Control (Bluetooth)

1. **Download APP:** Scan the QR code provided on the product packaging or search for the

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