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## POOLHACKER YC040

# POOLHACKER Solar Pool Light YC040 Instruction Manual

For Metal Frame Above Ground Pools

## 1. PRODUCT OVERVIEW

The POOLHACKER Solar Pool Light YC040 is designed to provide vibrant, energy-efficient lighting for metal frame above ground pools. This light features solar charging, multiple color options, various lighting modes, and a convenient timer function, enhancing your pool experience.

### 1.1 Package Contents

- 1 x Solar Panel
- 1 x Pool LED Light Panel
- 1 x Remote Control

### 1.2 Key Features

- **Solar Powered:** High-efficiency ETFE monocrystalline silicon solar panel with a 6400mAh battery.
- **Dynamic Lighting:** 10 vibrant colors and 4 dynamic modes (Multicolor, Strobe, Gradient, Dimming) with 42 high-quality LEDs.
- **Light Sensing:** Automatic activation at dusk.
- **Timer Function:** Default 4-hour auto-off, with options for 1, 2, or 3 hours.
- **Waterproof Design:** Fully waterproof for reliable underwater use.
- **Integrated Design:** Stable, magnet-free, and glue-free installation for metal frame pools.



Image 1.1: The POOLHACKER Solar Pool Light YC040, showing the solar panel and LED light unit.

## 2. SETUP AND INSTALLATION

### 2.1 Compatibility

This product is designed **exclusively for metal frame above ground pools**. It fits neatly onto the pool edge, compatible with poolside widths ranging from 1.7 inches to 3.9 inches.

**Important:** This light is **not compatible** with in-ground pools, steel wall above-ground pools, or inflatable pools.

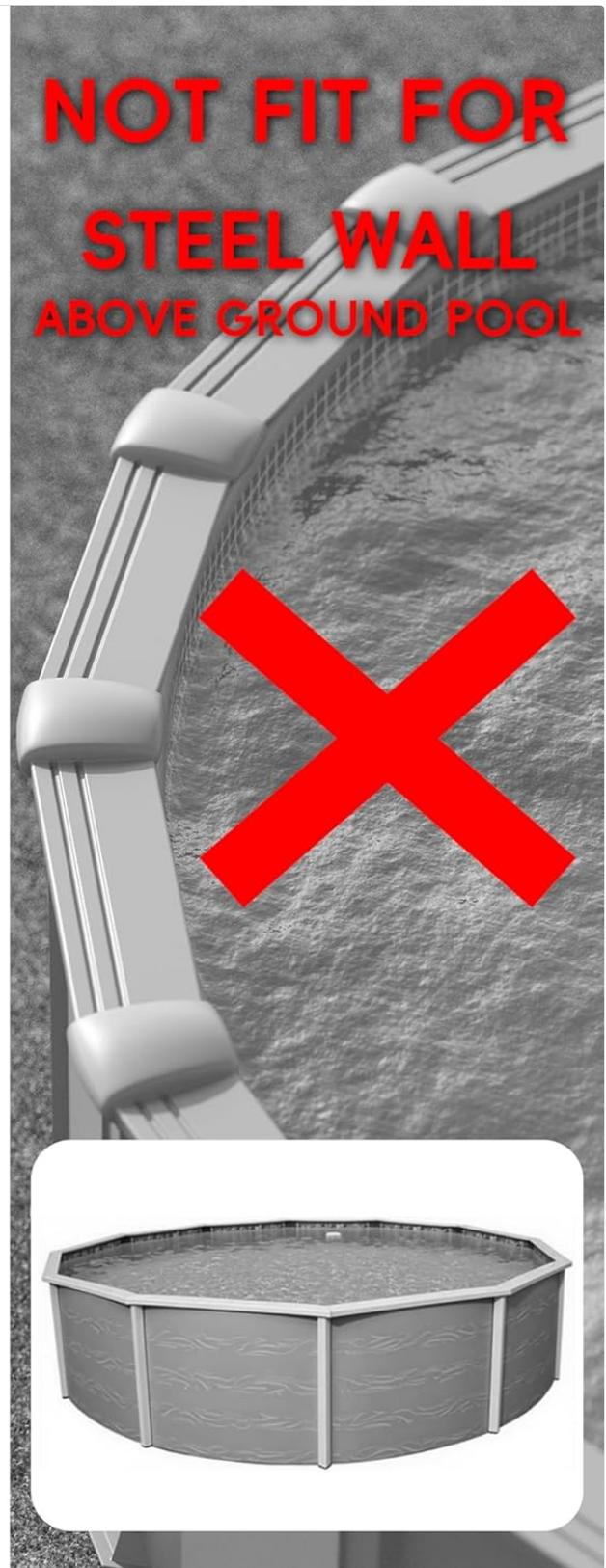


Image 2.1: Illustration showing correct fitment for metal frame above ground pools.

**ONLY** FIT FOR  
**METAL FRAME**  
ABOVE GROUND POOL



In-Ground Pool



Steel Wall  
Above-Ground Pool



Inflatable Pool

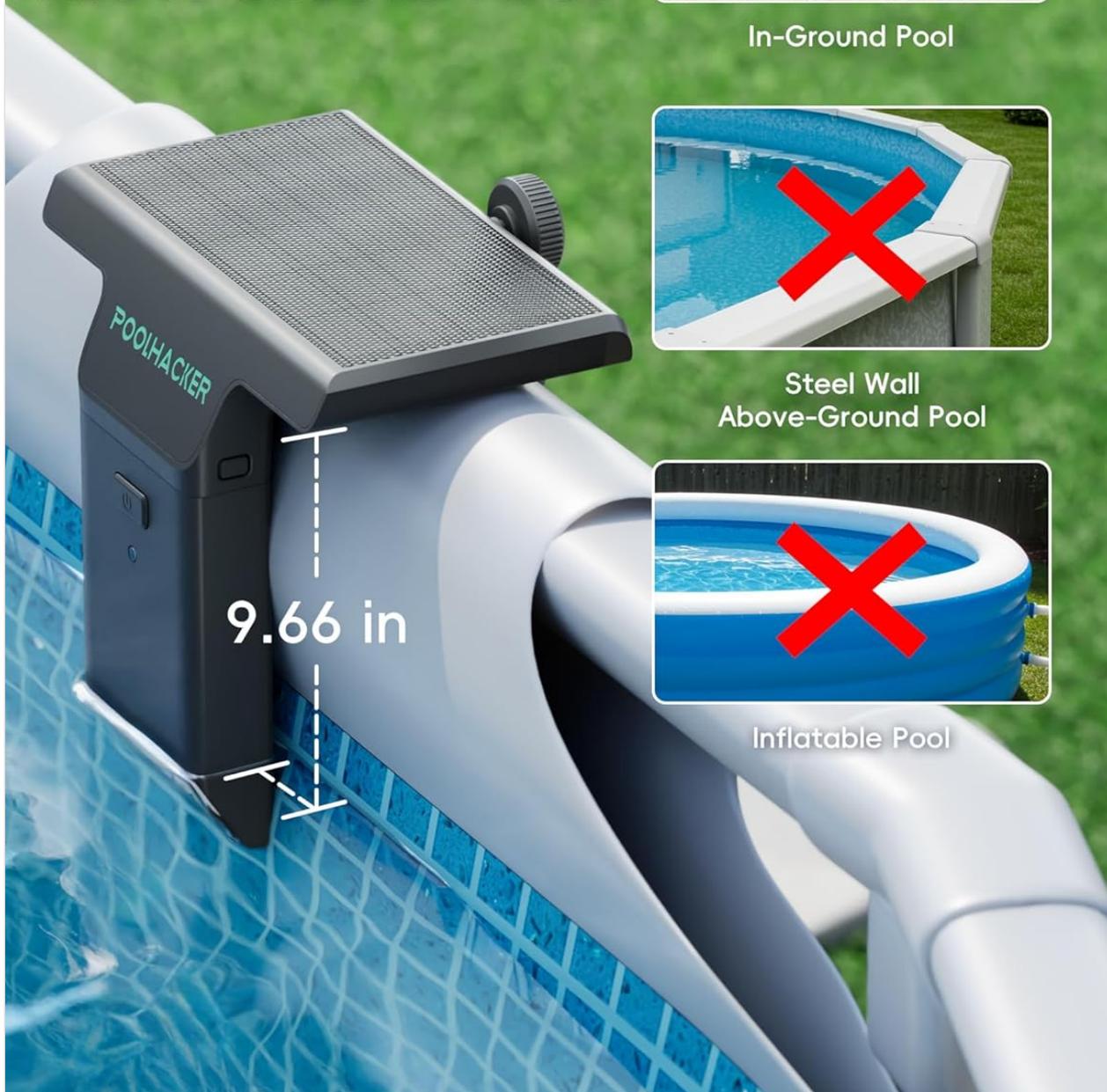


Image 2.2: Visual guide indicating incompatibility with in-ground, steel wall, and inflatable pools.

## 2.2 Installation Steps

The POOLHACKER Solar Pool Light features a simple 2-step setup:

1. Attach the solar panel unit to the top of your metal frame pool's edge.
2. Secure the LED light panel to the solar unit, ensuring it hangs into the water.

The triangular structure ensures stable installation and prevents shifting. No magnets or glue are required, eliminating complex installation and potential odors in the pool water.

# OURS VS OTHERS

**2-Step Setup:** Simple, fast, no fuss.

**No Glue, Kid-Safe:** Easy and worry-free.

**Stays Put:** No drops, no shifts.



**1. Complex Setup:**  
Multiple steps, annoying charging.

**2. Glue Smell:**  
Unpleasant and messy.

**3. Unstable:**  
Falls and shifts often.

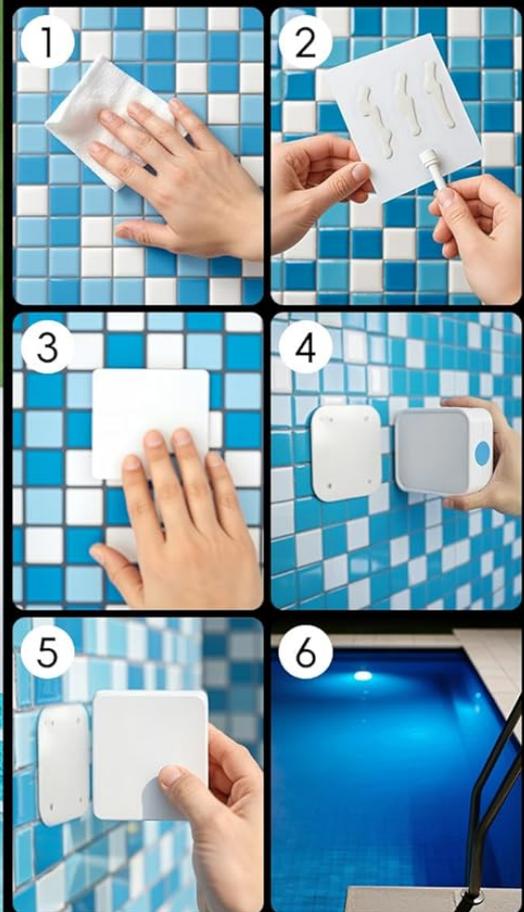


Image 2.3: Diagram illustrating the simple two-step installation process compared to other methods.

## 3. OPERATION

### 3.1 Automatic Light Sensing

The light is equipped with an ultra-responsive light sensor. It will automatically turn on at dusk, providing illumination without manual intervention.

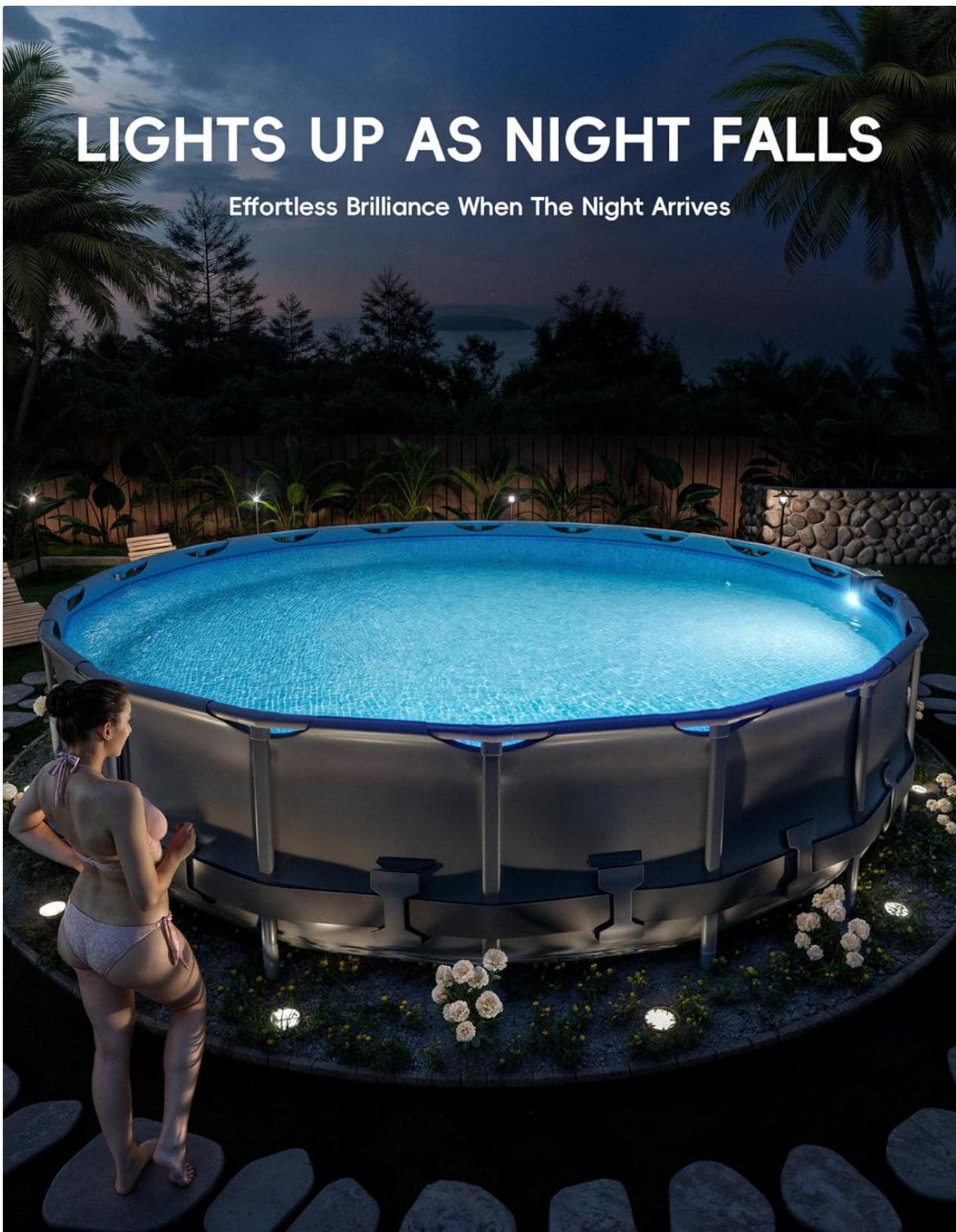


Image 3.1: The pool light automatically illuminating the pool as night falls.

### 3.2 Remote Control Functions

Use the included remote control to manage the light's settings. The remote control has a range of up to 98 feet.

- **ON/OFF:** Press the [ON] or [OFF] button to manually control the light.
- **Color Selection:** Choose from 10 vibrant colors.
- **Mode Selection:** Select from 4 dynamic modes (Multicolor, Strobe, Gradient, Dimming).
- **Brightness Adjustment:** Adjust the light intensity to your preference.

# SET THE MOOD BY THE POOL

Transform Your Pool into a Serene Escape



Image 3.2: Visual representation of various color and mode options available via remote control.

### 3.3 Timer Settings

The light features an automatic shut-off timer to conserve energy.

- **Default:** The light will automatically turn off after 4 hours.
- **Custom Settings:** You can select shorter durations of 1, 2, or 3 hours using the remote control.

# ENJOY THE GLOW NO WORRIES



Forget to turn off?



Can't find the remote?



Too lazy to turn it off?

Auto-Close After 4H By Default  
Or Set To Close In 1H, 2H, 3H

1H

2H

3H

4H

Image 3.3: Illustration of the timer function, showing 1, 2, 3, and 4-hour auto-off options.

## 4. MAINTENANCE

### 4.1 Solar Panel Care

To ensure optimal charging efficiency, regularly clean the solar panel surface to remove dust, dirt, and debris. Use a soft, damp cloth.

### 4.2 General Cleaning

Wipe the light unit with a soft cloth as needed. Avoid using harsh chemicals or abrasive materials that could damage the surface or waterproof seal.

## 5. TROUBLESHOOTING GUIDE

- **Light Does Not Turn On Automatically at Night:** If you previously turned off the light using the [OFF] button on the remote, this action also pauses the light sensor. To reactivate the automatic light sensing, press the [ON] button on the remote again or long-press the button on the light unit itself. A white light indicates the sensor is active.
- **Insufficient Brightness:** Ensure the solar panel receives direct sunlight for several hours to achieve a full charge. Brightness can vary based on charge level, ambient light, and pool size. For larger pools or a stronger illumination, consider installing additional lights.
- **Remote Control Not Responding:** Check the battery in the remote control. Ensure there are no obstructions between the remote and the light unit, and operate within the 98-foot range.

## 6. PRODUCT SPECIFICATIONS

| Feature                 | Specification                 |
|-------------------------|-------------------------------|
| Brand                   | POOLHACKER                    |
| Model Name              | YC040                         |
| Color                   | Black                         |
| Material                | Metal, Plastic                |
| Power Source            | Solar Powered                 |
| Control Method          | Remote Control                |
| Light Source Type       | LED                           |
| Number of Light Sources | 42                            |
| Light Color             | Multicolor (10 single colors) |
| Brightness              | 6800 Lux                      |
| Battery Capacity        | 6400mAh                       |
| Water Resistance Level  | Water Resistant               |
| Product Dimensions      | 3 x 3 x 3 inches              |
| Item Weight             | 2.72 pounds (1.24 Kilograms)  |
| Mounting Type           | Wall Mount (for pool edge)    |
| Connectivity Protocol   | Infrared                      |

## 7. SAFETY GUIDELINES

- 
- Ensure the product is securely installed to prevent it from falling into the pool.
  - Do not attempt to disassemble or modify the product, as this may compromise its waterproof integrity and void the warranty.
  - Keep the remote control and light unit out of reach of children when not in use.
  - Avoid exposing the product to extreme temperatures outside its operating range.

## **8. WARRANTY AND CUSTOMER SUPPORT**

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For warranty information, technical support, or any inquiries regarding your POOLHACKER Solar Pool Light YC040, please contact the manufacturer directly through their official website or the retailer where the product was purchased. Please have your model number (YC040) and purchase details ready.