

WHAT'S INCLUDED WITH GLOW PRO



Glow Pro light

45w, 1500 Lumens, RGBCW light. With 7 static colors, 12 light modes & thousands of color combinations.



Glow Pro In line controller

(Not essential to install)



Wireless Remote Control

Control the Smart Glow light with the included remote control. (Batteries not included)



Underwater Cable Connector

IP68 rated underwater cable connector for simple install.

EASY INSTALLATION

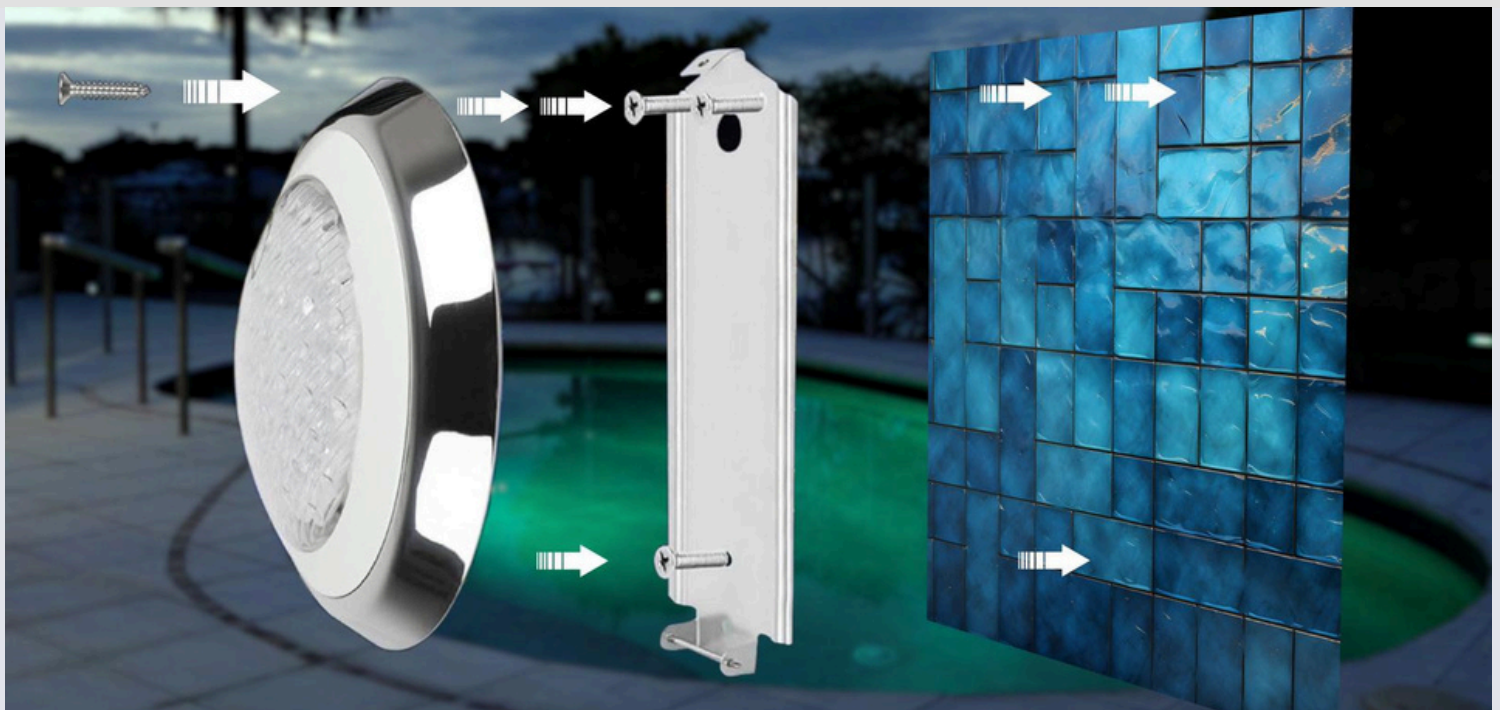
FROM MAIN POWER



TRANSFORMER

JUNCTION BOX

GLOW PRO CONTROLLER



Information on Remote Control

Information on how to use the remote control. This pool light is equipped with a battery-powered remote control that functions via a standard on/off switch. However, it is essential to recognize that remote controls relying on RF signals may experience transmission issues. To enhance user experience and mitigate such challenges, Pool Lighting USA has thoughtfully included a wall-mountable controller box. While the installation of this controller box is not strictly necessary, it is strongly advised to ensure optimal performance and reliability. In the absence of the box installation, your new light will remain operational; however, the lights lighting model will change autonomously, and remote control functionality will be unavailable. Once the box has been successfully installed, you will gain comprehensive control over your remote, granting you the ability to adjust colors according to your preferences and convenience. This functionality will allow you to create the perfect ambiance in your space, tailoring the lighting to suit various occasions or moods with ease.

Control Methods: Remote Control Note: The surroundings of the pool may interfere with the remote control signal due to obstacles like walls, furniture, or other structures. If you experience poor reception, please consider removing any nearby objects that could obstruct the signal and ensure that the remote is within range.

ON/OFF: Power Switch Function Press this button to turn the light on or off.

MODE: Mode Selection Press this button to switch to the first preset program from any active mode. (Hold for 5 seconds while in any operating mode to reset to the first program.)

16 Pre-Programmed Color Modes The light features 16 different RGB color modes, allowing you to choose from a variety of vibrant lighting effects.

B+/B-: Brightness Adjustment Adjust the light's brightness at any active mode using these buttons. There are a total of 10 brightness levels.

S+/S-: Speed Adjustment Adjust the speed of color transitions using these buttons. There are a total of 10 speed levels.

Switch-Off Color Changing Feature This LED light features a color-changing function that activates when the light is powered on for 1 to 3 minutes. It will then enter the color-altering mode. To change the color, simply switch the light off and back on within 3 to 5 seconds. Each on/off cycle will progress to the next color in the sequence. If the light remains off for more than 2 to 3 minutes, it will reset to the original mode.

Telescopic Antenna Extend the telescopic antenna on the remote to maximize the control range. Fully extending the antenna will ensure the longest possible signal distance, allowing for more effective communication between the remote and the pool light. For optimal performance, always make sure the antenna is fully extended when using the remote.

Underwater Light operating Instructions

Turn off the main switch or circuit breaker that supplies power to the underwater light.

Loosen the screws located at the top of the underwater light, then tilt the top of the light away from the housing.

Carefully lift the light out and release any spare cable from the lamp.

Place the light face down on the poolside.

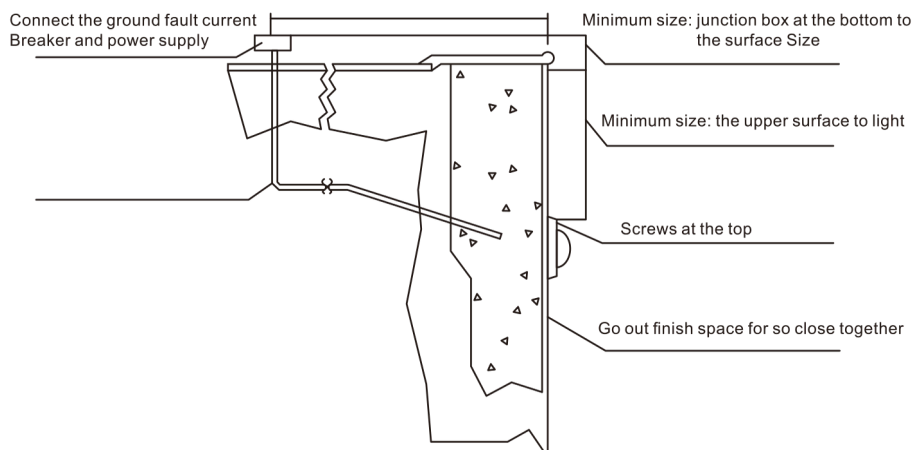
Remove the cable from the back of the old light.

Take your new light and your new underwater wire connector.

Attach the wires of your new light into the wire connector.

Attach the wires of your existing cable into the corresponding colors on wire connector.

Secure the underwater wire connector tightly, and you'll be ready to reinstall your new light.



WARNING!

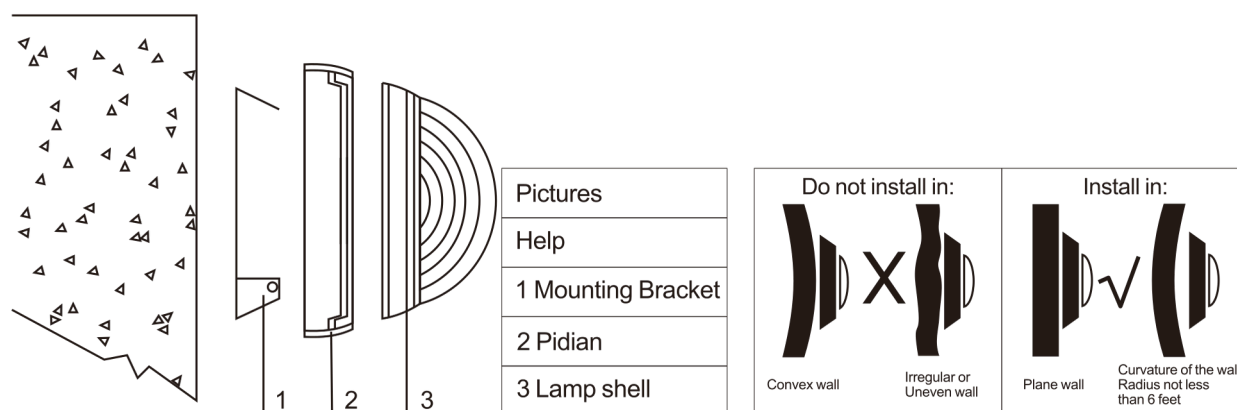
Although this light operates on 12V, it is recommended that you consult a licensed electrician for guidance.

Installation in New Concrete Pool Shell

Refer to Figure 1. Before installing the lights, all electrical work must be completed.

Ensure that the swimming pool's electrical system complies with the current United States National Electrical Code (U.S. NEC) and all local codes and regulations. A qualified electrician must install the electrical system to meet or exceed these requirements. Some NEC requirements include:

- The underwater light circuit must be equipped with a GFCI (Ground Fault Circuit Interrupter) and the correct rated circuit breaker.
- The junction box or 12-volt low voltage transformer must be located at least 12 inches above the water surface and at least 48 inches away from the pool (see Figure 1).
- All lamp housings and metal parts within 5 feet of the pool must be fully bonded.
- The light fixture must be installed so that the light is at least 18 inches below the water level.
- Consult your local building department to ensure the electrical system meets all swimming pool safety requirements.



Electrical System Requirements

Follow the steps shown in Figure 2 to complete the installation.

Installation Instructions

Install the underwater light on the wall, ensuring that the top of the light is 18 inches below the normal water level, as specified by CEC680. The fixture should be centred with the top mounting bracket.

Surface Preparation

If there is no smooth wall surface, allow for additional wall thickness during installation.

Cable Management

Wrap the spare cable around the light fixture, ensuring it is at least 8 feet long with a minimum of 3 loops. This allows for easy removal of the light from the pool for maintenance. Make sure there is 2-3 feet of loose cable to allow for tilting the light when needed.

Cable Routing

Route the remaining cable from the back of the lamp housing into the cable conduit.

Securing the Light

Place the bottom of the light into the fixed holder and press gently to secure it. Ensure the screws at the top are tightened correctly, and the light fixture is flush with the wall, leaving no gaps.

Connecting the Cables

In the wiring box, make sure no more than 3 inches of cable is left exposed outside the conduit. All wires must be connected to an A-level GFCI (ground fault circuit interrupter), following the electrical safety regulations.

Wire Connections

Connect the three wires in the wiring box securely and ensure they are properly positioned and stamped.

Water Submersion

If the light remains on for more than 10 seconds, ensure that all lights are fully submerged in water to avoid overheating.



WARNING!

Do not turn on the underwater lights for more than 10 seconds unless they are fully submerged in water. If the lights feel very hot while underwater, it can cause severe burns to swimmers, installers, or bystanders, and may also result in property damage.

WARNING!

Only use stainless steel screws provided with the underwater lights. Using other screws can result in electric shock, causing serious injury to swimmers, installers, or others.

WARNING: Bulb Replacement is potentially dangerous Work!

There is a risk of electric shock.

Before performing maintenance on underwater lights, always disconnect the circuit switch. Failure to do so can result in electric shock, causing serious injury to swimmers, installers, or others.