

BSPool USA INSTALLATION AND USER'S GUIDE


Intertek
5031031
Conforms to UL STD. 676
CERTIFIED TO CSA STD. CSA C22.2#89



6 INCH POOL LIGHT

IMPORTANT SAFETY INSTRUCTIONS
READ AND FOLLOW ALL INSTRUCTIONS
SAVE THESE INSTRUCTIONS

IMPORTANT WARNING AND SAFETY INSTRUCTIONS



SERIOUS BODILY INJURY OR DEATH CAN RESULT IF THIS LIGHT IS NOT INSTALLED AND USED CORRECTLY.



INSTALLERS, POOL OPERATORS AND POOL OWNERS MUST READ THESE WARNINGS AND ALL INSTRUCTIONS BEFORE USING THE POOL AND/OR SPA LIGHT.



Most states and local codes regulate the construction, installation, and operation of public pools and spas, and the construction of residential pools and spas. It is important to comply with these codes, many of which directly regulate the installation and use of this product. Consult your local building and health codes for more information.



IMPORTANT NOTICE - Attention Installer: This Installation and User's Guide ("Guide") contains important information about the installation, operation and safe use of this underwater pool and spa light. This Guide should be given to the owner and/or operator of this equipment.



**RISK OF ELECTRICAL SHOCK OR ELECTROCUTION:
UNDERWATER POOL LIGHTS REQUIRE HIGH VOLTAGE WHICH CAN
SHOCK, BURN, OR CAUSE DEATH.**

Before working or servicing pool lights, always disconnect power to the pool and/or spa lights at the source circuit breaker. Failure to do so could result in death or serious injury to service person, pool users or others due to electric shock. When installing and using this electrical equipment, basic safety precautions should always be followed.

This underwater light must be installed by a licensed or certified electrician or a qualified pool professional in accordance with the current National Electrical Code (NEC), NFPA 70 or the Canadian Electrical Code (CEC), CSA C22.1. All applicable local installation codes and ordinances must also be adhered to. Improper installation will create an electrical hazard which could result in death or serious injury to installers or others due to electrical shock, and may also cause damage to power source. Always disconnect the power to the pool light at the circuit breaker before servicing the light. Failure to do so could result in serious injury to service person, due to electrical shock.



For countries in compliance with International Electrotechnical Commission (IEC) regulatory standards: The light fixture must be installed by a licensed or certified electrician or a qualified pool service person, in accordance with current IEC 364-7-702 and all applicable local codes and ordinance. Improper installation will create an electrical hazard, which could result in serious injury to the installer or other due to electrical shock and may also cause damage to the property.

12 Color Programs (For RGB ON/OFF)

- ❶ Butterfly Wings : Cycles through white, purple, blue and green colors
- ❷ Galaxy Eye : The colors flashe quickly, full of energy
- ❸ Rainbow Sky : Gradual change blue-purple-red-yellow-cyan-green-purple
- ❹ Summer Dream : Blue and green appear alternately
- ❺ France Romatic : Transition between red, white and blue
- ❻ Desert Passion : Dramatic transitions of orange, red and purple
- ❼ Mexico Night : Richer and deeper color changes between red-purple-yellow-green
- ❽ Ocean Heart : Static Blue
- ❾ Spring Green : Static Green
- ❿ Cherry Kiss : Static Red
- ⓫ Noble White : Static White
- ⓬ Lavender Love : Static Purple
- ⓭ Hold Mode : Lock the current mode
- ⓮ Return Mode : Return to the previous locked mode

Suitable for BSPOOLLight control

Operation

Selecting colors:

To select a color show mode (1-7) or static color (8-12), turn the wall switch OFF/ON a specific number of times. Each number (1-12) shown above corresponds to the number of times to power-cycle the switch to activate a color light show or static color.

Hold: Lock the current mode. (switch OFF/ON 13 times)

Return: Return to the previous locked mode. (switch OFF/ON 14 times)

Memorizing the color:

When power is switched off (more than 5 seconds) to the RGB color lights, the last color show mode or fixed color will be saved. The next time the light is powered on, the previously saved color show mode or fixed color will be displayed.

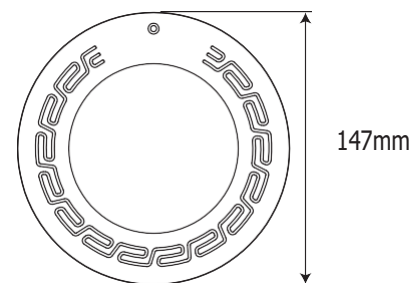
IMPORTANT WARNING AND SAFETY INSTRUCTIONS

IMPORTANT NOTICE: THE LED LIGHT IS A NON-SERVICEABLE LIGHT. THE COMPLETE LIGHT ASSEMBLY MUST BE REPLACED.

PARAMETER

Ref.	Voltage	Power	Color	Lumens	Led	Cord Length
BSPOOL-10C-150	AC 12V	10W	RGB	500lm	SMD2835	150FT

SIZE



1) Input voltage is AC12V, use only an isolating low voltage power supply with ungrounded output, evaluated for swimming pool use.

2) Before operating the light for more than 10 seconds fill pool until the light is completely submerged in water.

3) Minimum depth 450mm, mounting orientation wall.

INSTALLATION

1. Input voltage is AC12V. The lamps must be connected with transformer.
2. The junction box is located at least 1200mm from the edge of the pool.

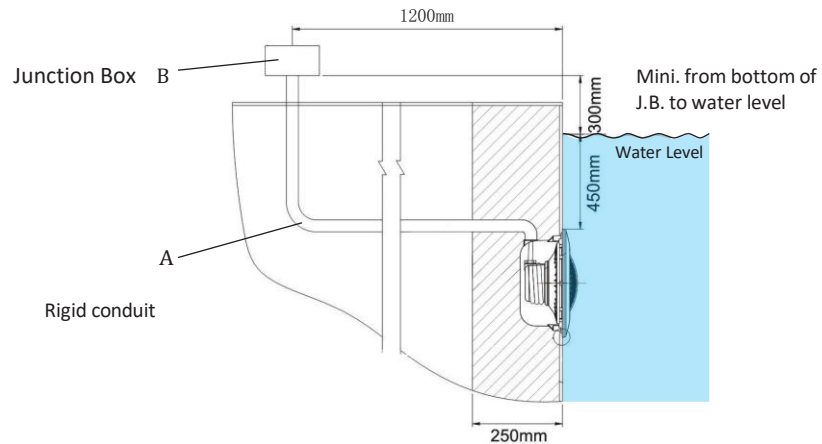


Figure 1

3. The mounting bracket must be properly installed so that the top edge of the light's lens is at least 450mm below the water level in the pool. see Figure 1.
4. Put the LED panel in the SS frame , fix the panel , PC clips with 4pcs screws.



5. Hang the BSPOOL-10C on the original niche (Pentair/Hayward/Jandy ...), lock it with a screw.



6. Put the niche in the concrete wall, fix the ABS installation O-ring on the niche with 8pcs screws, then hang the light on the O-ring and fix the frame by one screw. [for new swimming pool]



7. Connect all wires to the corresponding circuit wires in the junction box and feed epoxy.

8. Before operating the light for more than 10 seconds fill pool until the light is completely submerged in water.