



100 Watt UNDERWATER LIGHT (NL100) INSTALLATION/OPERATION MANUAL

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IMPORTANT SAFETY INSTRUCTIONS READ AND FOLLOW ALL INSTRUCTIONS

-  **WARNING:** To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times
-  **WARNING:** If ambient air temperature exceeds 115° F., protect the transformer from direct sunlight with a well ventilated cover.
-  **WARNING:** Any modifications to this product will void the warranty.
-  **WARNING:** Do not allow children to use, touch, or play near or around the unit’s power pack.
-  **WARNING:** Plug only into 110 V receptacles protected by a ground fault circuit interrupter.
-  **WARNING:** Do not connect unit to AC power until installation has been completed.
-  **WARNING:** Do not use if unit is damaged in any way.
-  **WARNING:** Unit must be submerged below the minimum water level or warranty is void.
-  **WARNING: DO NOT USE EXTENSION CORDS - DEATH OR INJURY CAN RESULT.**
-  **WARNING:** Make sure the light is unplugged from its power supply before opening the unit or performing any other maintenance.
-  **WARNING:** To protect against risk of electrical shock, do not put the transformer in water or other liquid.
-  **WARNING:** To avoid damage to the transformer and cord, never carry the transformer by the cord or pull on the cord to disconnect from an outlet. Instead, disconnect by pulling the plug, itself, from the outlet. Do not pull cord around sharp corners or edges.
-  **WARNING:** Do not operate with a damaged cord or transformer.
-  **WARNING:** This unit is not compatible with soft-sided aboveground pools.
-  **CAUTION:** Disconnect transformer from outlet when not in use.
-  **CAUTION:** If the light is not working as it should or has been dropped or damaged in any way, contact SmartPool LLC Technical Support before using at (732) 730-9880.

SAVE THESE INSTRUCTIONS

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|------------------|-----------------------------|-----|
| ITEM | DESCRIPTION | QTY |
| A | LOCKING TOOL | 1 |
| B | POWER SUPPLY SUPPORT SCREWS | 2 |
| C | DIFFUSER SHIELD | 1 |
| D | 100W BULB | 1 |
| E | COLORED LENSES | 3 |
| F | LIGHT ASSEMBLY | 1 |
| G | POWER SUPPLY | 1 |

⚠ DO NOT PLUG LIGHT IN UNTIL INSTRUCTED IN MANUAL

INSTALLING THE BULBS

- Place the light on a table or a flat, dry surface.
- Insert the latch key into the locking latch, turn the key to the left and hold in position as shown in Figure 1.
- Rotate the Seal Ring counter clockwise to loosen as shown in Figure 2.
- Remove the Seal Ring and lens.
- Remove the bulb from its box, being careful not to touch the face of the bulb.
- Insert the legs of the bulb into the one of the three ceramic outlets as shown in Figure 3.



TESTING LIGHT FUNCTION

⚠ DURING THIS TEST THE BULBS WILL QUICKLY BECOME HOT TO THE TOUCH. ONCE THE LIGHT HAS SUCCESSFULLY PASSED THIS TEST, BE SURE TO TURN THE LIGHT OFF AS PROLONGED USE OUT OF THE WATER MAY DAMAGE THE UNIT AND VOID THE WARRANTY.

- Plug the light into a GFI protected outlet and turn the switch to the ON position as shown in Figure 4 (red light will illuminate).
 - o If the light does not illuminate, turn the switch OFF, check the bulb for a secure fit and try to run the light again.
 - o If the light still does not turn on, contact SmartPool Technical Support at (732) 730-9880.



SEALING THE LIGHT

- Carefully install the Heat Diffuser Shield into the light box as shown in Figure 5, ensuring the textured side of the shield is facing away from the bulbs.
- Carefully install the lens making sure that there is an even, flat fit in the light body.
- Place the Seal Ring over the lens. Turn the ring in a clockwise direction until the ring is secure and the Index Mark is centered with the body of the light as shown in Figure 6.

NOTE: It is normal for the Seal Ring will make a clicking noise during installation. This is a safety feature of the light to ensure the ring cannot be removed without the use of the Latch Key.


 **DO NOT OVERTIGHTEN THE SEAL RING OR TURN THE RING IN A COUNTER-CLOCKWISE DIRECTION DURING INSTALLATION AS THIS COULD CAUSE THE LIGHT TO LEAK.**



FIGURE 5

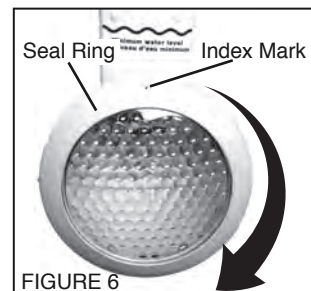


FIGURE 6

INSTALLING THE LIGHT

- Remove the top cap of the pool's vertical post nearest to the point of installation.
- Lift one side of the pool's top ledge as shown in Figure 7 (screws may have to be removed).
- Slide the light onto the pool wall so that the light is centered in the middle of the top ledge.
- Hold the light so the mounting bracket is flush with the top of the pool wall and turn the Thumb Wheel in a clockwise direction to secure the light to the wall as shown in Figure 8.
- Be sure the wire runs through the Wire Channel of the Mounting Bracket.
- Reinstall the top ledge and cap.
- Ensure the water level is above the minimum water line on the light as shown in Figure 6. Add water if needed.
- Mount the transformer to a vertical surface that is at least 18 inches from the ground using the provided screws.

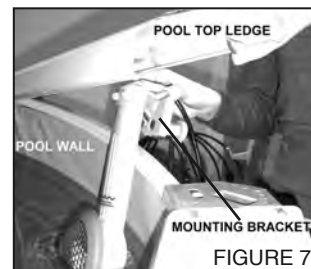


FIGURE 7

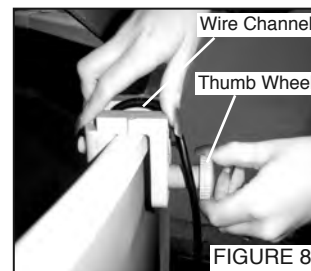


FIGURE 8

OPERATING THE LIGHT

 **USE OF A GFI PROTECTED OUTLET IS REQUIRED. DO NOT USE AN EXTENSION CORD.**

- Plug the power cord into a GFI protected outlet and turn the switch to the ON position.

NOTE: The light will automatically shut off after 3 hours. If more time is required, simply press and release the switch to the OFF position then back to the ON position.

 **COLORED LENSES CAN BE INSTALLED WHILE THE LIGHT IS IN THE WATER. DO NOT ROTATE THE COLORED LENS OR SEAL RING WHILE INSTALLING OR REMOVING THE LENSES. THIS COULD CAUSE LEAKS.**

- The colored lenses can be pressed onto the light, over the seal ring to change the color of the light as shown in Figure 9.

NOTE: Only one colored lens can be installed at one time.

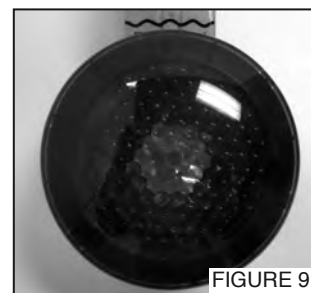


FIGURE 9

WINTERIZATION

FAILURE TO PROPERLY WINTERIZE YOUR LIGHT WILL RESULT IN TERMINATION OF WARRANTY.

- Unplug the power cord from the GFI outlet.
- Using the Hex Key of the Locking Tool, remove the Hex Screws of the Mounting Bracket by rotating the key in a counter clockwise direction as shown in Figure 10.
- Store the Locking Tool and Hex Screws in a safe location for use the following season.
- Gently pull on the light body to remove the light from the Mounting Bracket and to expose the excess cord on the inside of the light body.
- Pull the light out of the water and hang it over the top ledge of the pool.
- Use a string or bungee cord to secure the light for the winter.



TROUBLESHOOTING

If the light is not operating correctly, please follow the steps below to help identify the cause of the issue.

1. Ensure the GFI protected outlet is operational or needs to be RESET.
2. DO NOT use an extension cord. If using an extension cord, please remove and plug the light directly into a GFI protected outlet.
3. Ensure the bulb is installed securely in the socket of the light.
4. Ensure the bulb is functional. Replace with a new bulb if it is burnt out. If you are still experiencing an issue with your light, please contact SmartPool Technical Support at 732-730-9880.



SIX MONTH LIMITED WARRANTY

Six month limited warranty from date of original purchase for manufacturing defects under normal and reasonable use, and subject to the maintenance requirements and installation guidelines set forth in the product instruction manual.

THIS WARRANTY IS SUBJECT TO THE TERMS, LIMITATIONS AND EXCLUSIONS DESCRIBED BELOW, AND THERE ARE NO OTHER WARRANTIES OR REPRESENTATIONS, EITHER EXPRESS OR IMPLIED, WHETHER OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHER, MADE BY THE MANUFACTURER, OTHER THAN THOSE SPECIFICALLY SET FORTH IN THIS WRITTEN WARRANTY

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What is not Covered: Any type of damage to the product due to improper installation, maintenance, or failure to provide necessary and reasonable maintenance; any damage or injury caused by misuse and/or unreasonable use of the product; batteries (if applicable); damage due to or related to improper draining, winterizing, storage or Acts of God; SmartPool LLC will not honor any claims for damage to any products in transit unless damage to the shipping container is noted at the time of delivery on the transfer company's delivery bill.

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NO PERSON, FIRM, OR CORPORATION IS AUTHORIZED TO MAKE REPRESENTATIONS OR INCUR ANY OBLIGATIONS IN THE NAME OF OR ON BEHALF OF SMARTPOOL LLC, EXCEPT AS STATED HEREIN. THE REMEDIES SET FORTH IN THIS WARRANTY ARE EXPRESSLY UNDERSTOOD TO BE THE EXCLUSIVE REMEDIES AVAILABLE TO THE OWNER, AND THIS WARRANTY CONTAINS THE FULL AND COMPLETE AGREEMENT BETWEEN SMARTPOOL LLC AND THE OWNER. THIS WARRANTY SETS FORTH THE ONLY OBLIGATIONS OF SMARTPOOL LLC, WITH REGARD TO THIS PRODUCT, AND THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

The representations set forth herein are the only representations made by SmartPool LLC, with respect to the product, and this warranty does not constitute either a performance or satisfaction guarantee. It is the responsibility of the product owner to regularly test and check the product for proper function and safety.

This warranty gives the original owner specific legal rights. You may have other rights depending on where you live.

What you must do to file a claim: Call 1-732-730-9880 to initiate a claim.