

# NITELIGHTER

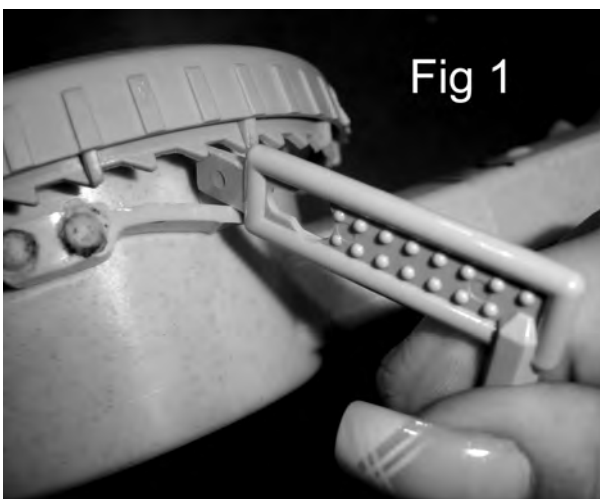
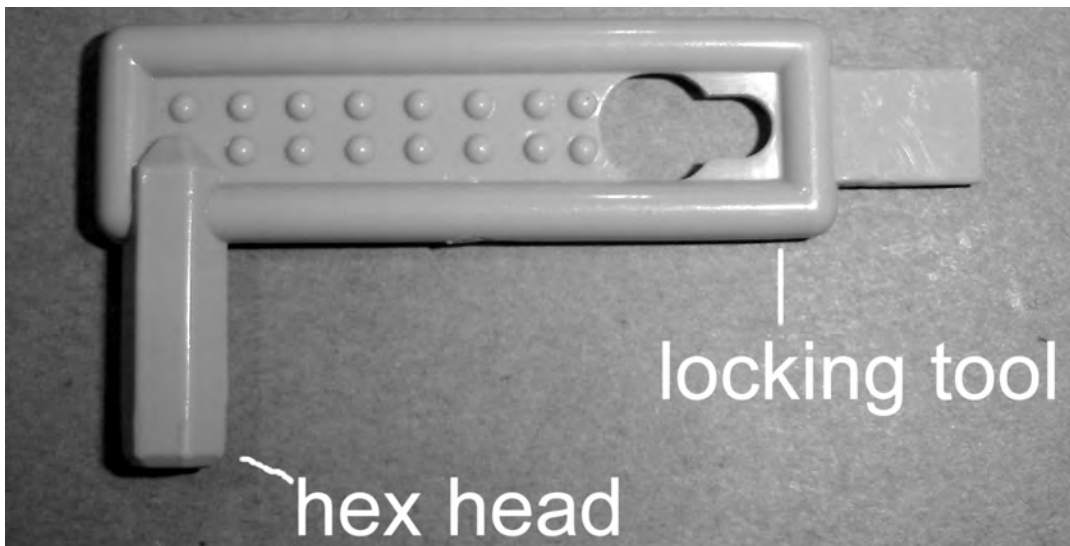
## UNDERWATER LIGHTING SYSTEMS

### NL50 INSTALLATION/OPERATION MANUAL

**DO NOT PLUG LIGHT IN UNTIL INSTRUCTED IN MANUAL**

**READ ALL DIRECTIONS FIRST THEN REFER TO EXAMPLE IMAGES BEFORE PERFORMING THAT STEP**

- A.** To install bulb, place the light on a table or similar flat, dry working surface. Use the supplied seal ring lock key to loosen the seal ring. Insert the key into the locking latch on the bottom of the light as shown in FIG 1. Turn and hold the key to the left to release the locking mechanism. At the same time rotate the seal ring in a counter clockwise direction to loosen. Remove ring and lens. (See FIG 2)



- B.** Remove the bulb from its box being careful not to touch the lens of the bulb. Install the bulb by pressing the two bronze legs of the bulb into the ceramic socket in the light housing as shown in FIG 3.

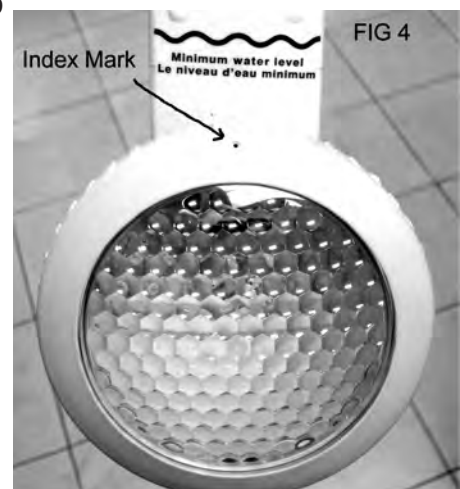


- C.** Be sure that the bulb is firmly pressed into the socket.
- D.** BE CAREFUL NOT TO BURN YOURSELF AS THE BULB GETS HOT QUICKLY AND SHOULD BE TURNED OFF IMMEDIATELY UPON SUCCESSFUL TESTING. OPERATION OF THIS FIXTURE OUT OF WATER FOR ANY PROLONGED TIME WILL DAMAGE THE UNIT AND VOID THE WARRANTY. Plug the light into a wall outlet. Turn switch on. If light turns on, the test was successful. Unplug the unit. Move to step E. If light does not turn on, unplug unit from wall and reinstall light bulb. Repeat test again. If it is still not working, contact Smartpool customer service at (732) 730-9880.
- E.** Carefully install the square diffuser/heat shield into the light box as shown in figure 3A. Be sure that the glass has its textured (rough) side facing away from the bulb.
- F.** Carefully replace the lens making sure that there is an even flat fit in the light body.
- G.** Place the seal ring carefully over the lens making sure it is on straight. Now turn in a clockwise direction until the ring begins to tighten up. You may hear a clicking sound which is normal. This is a safety feature designed to not allow the light seal to loosen up or be removed without the key.
- H.** Continue to turn clockwise until the index mark on the seal ring is even with the light body as shown in Figure 4. **NOTE DO NOT OVERTIGHTEN OR TURN BACK SEAL RING IN A COUNTER CLOCKWISE FASHION AS THIS WILL CAUSE LEAKAGE!**
- I.** Light is ready to install.

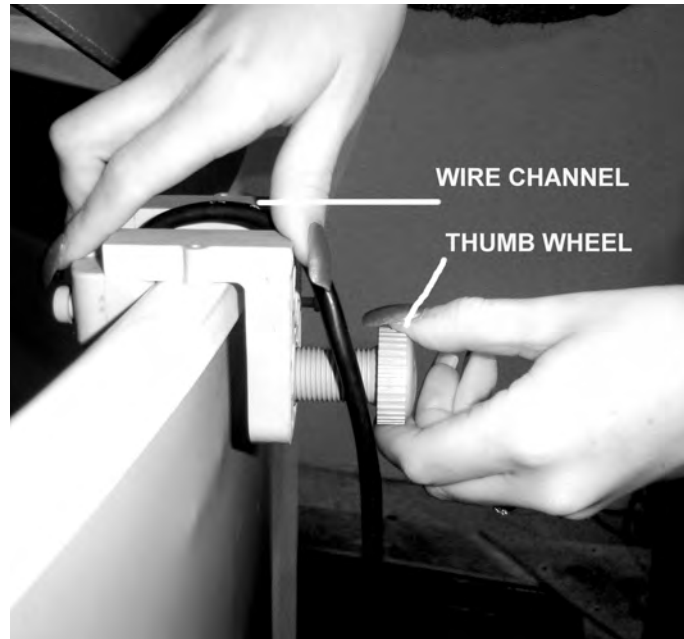
Fig 3A



**Be sure to align glass**



## INSTALLATION



- A. Remove top cap of pool vertical post nearest your installation.
- B. Lift one end of your pool's top ledge. The top ledge is comprised of flat sections that extend around the top of the pool wall.
- C. Slide the pool light onto the pool wall submerging the light in the water. Locate the light in the middle of the top rail to allow for easier installation.
- D. Hold the light down so that the top of the mounting bracket is flush with the top of pool wall. Turn thumbwheel in a clockwise direction to tighten securely to the wall.
- E. Be sure that wire runs completely through the channel of the mounting bracket.
- F. Replace top rail and cap.
- G. Make sure that water level is above the minimum water line on the light. If not add water to pool.
- H. The transformer should be mounted on a nearby vertical surface using the screws provided. Mount the transformer a minimum of 18 inches from the ground.
- I. Plug unit only into a GFCI 110V socket. DO NOT USE EXTENSION CORDS.

## OPERATION

Plug light into GFI protected socket when light is needed in pool. Push switch on power supply to turn on. Push power switch again to turn off. This light has a built in timer that will automatically turn the light off 3 hours after the light has been turned on. When turning the light on again, switch the light off and then back on again.

## WINTERIZATION

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

Begin by unplugging the power cord from its power source. Using the included seal lock key, use the hex key side as shown in Fig 6. Insert tool into bolt head and turn counter clockwise until it is completely loose. Then pull the bolt completely out and place in a safe place. Do the same for the other screw. Grasp the light body with one hand and firmly pull down. Gently pull extra cord out from inside light body, and pull the light out of the water and hang over top rail. Use a string or bungee cord to secure for the winter. When spring arrives, simply reassemble unit being sure to tuck excess wire into light body. Enjoy season after season!



### SIX MONTH LIMITED WARRANTY Electronics Products

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.

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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, Inc. 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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**What you must do to file a claim:** Call 1-732-730-9880 to initiate a claim. You will receive an instruction package within 10 days.



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