

# AQUA / LAMP® **RAINBOW RAYS**®

## BULB REPLACEMENT / OPERATING INSTRUCTIONS

### BULB PRODUCT CODES:

**AL14\***

WHITE



(incl. AL4 - Black BUNA O-Ring\*\*)

**AL14-WLED\***

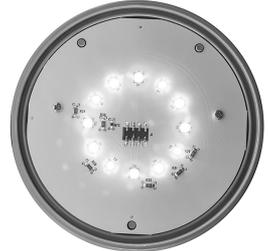
WHITE LED



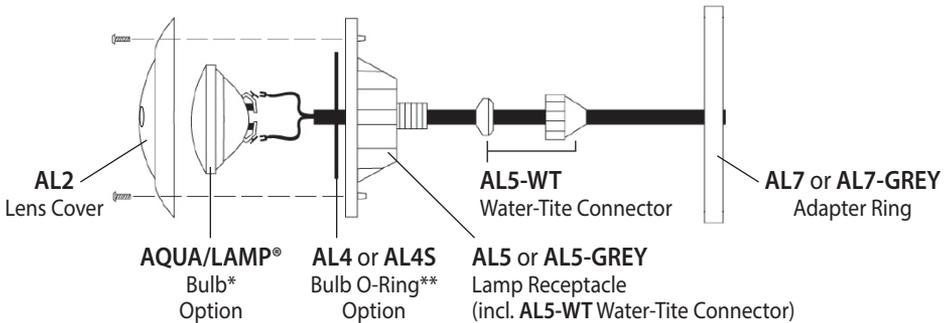
(incl. AL4S - Grey Silicone O-Ring\*\*)

**AL14-RR\***

MULTI-COLOURED LED



(incl. AL4S - Grey Silicone O-Ring\*\*)



### TO REPLACE THE BULB\*

1. Remove lamp module (**Lens Cover**, **Bulb\***, **O-Ring\*\*** and **Lamp Receptacle**) from niche by depressing and turning the clear plastic **Lens Cover** counter clockwise. Raise lamp module to deck.
2. Remove the four screws from clear plastic **Lens Cover**.
3. Lift old **Bulb\*** out and disconnect from forked terminal connectors.
4. Remove old **O-Ring\*\*** from the **Lamp Receptacle** and replace with new **O-Ring\*\* AL4** or **AL4S** - included with new **Bulb\***.
5. Reconnect forked terminal connectors to connector screws on rear of new **Bulb\***.
6. Place **Bulb\*** into **Lamp Receptacle**. (ensure **O-Ring\*\*** is seated properly into **Lamp Receptacle**)
7. Reconnect clear plastic **Lens Cover** to **Lamp Receptacle** with the four screws using the same tension on all screws.

**WARNING: Do not over tighten screws as they may crack the clear plastic Lens Cover.**

# **RAINBOW RAYS®**

## **MULTI-COLOURED LED BULB (AL14-RR) OPERATING INSTRUCTIONS**

### **CONTROLLING RAINBOW RAYS® LIGHT AND LIGHTING EFFECTS**

AQUA/LAMP® Rainbow Rays® Multi-Coloured LED Bulbs (AL14-RR) are pre-programmed with an assortment of lighting effects.

When you turn the Rainbow Rays® LED Bulb OFF and then ON again within 1-2 seconds, it advances to the next effect. Effects can be controlled by either using the pool's pre-existing light switch, or by installing the AQUA/LAMP® Wireless Remote Control Unit (AL20).

When you turn the Rainbow Rays® LED Bulb OFF and leave it OFF for 10 seconds or longer, it will reset itself and start back at the colour White.

### **RAINBOW RAYS® COLOUR SELECTION**

#### **Description of Effects (8)**

- RAINBOW COLOUR SELECT ..... White, Blue, Green, Pink, Turquoise
- RAINBOW TRANSITION ..... ALL 5 colours transition slowly
- RAINBOW BLUE/GREEN ..... Blue and Green transition slowly
- RAINBOW FLASH ..... Strobe effect - ALL colours flash quickly

### **IMPORTANT:**

- Always disconnect/turn OFF power to the pool light before conducting any service.
- Recommended temperature range of -20°C to 40°C (-4°F to 104°F).

### **CAUTION**

Do not jeopardize your AQUA/LAMP® Pool Light System by using **UNTESTED** and **UNAUTHORIZED BULBS**. Using unauthorized bulbs will **VOID** warranty, may reduce efficiency and lead to premature leaking. Look for the AQUA/LAMP® mark of quality!\* (\*authorized part numbers on the back of our bulbs: AL14, AL14-WLED or AL14-RR).

## WINTERIZATION GUIDELINES FOR ALL BULB\* OPTIONS

For off-season or winter shut-down the pool light(s) should be turned OFF. If you lower your pool water level during the winter months to protect your skimmer and return fittings, the AQUA/LAMP® light module (described on Pg 1, Step 1) can be left in place (connected to the **Adapter Ring** inside the niche). The niche will drain and nothing will freeze.

If you do not lower your pool water level during the winter months the AQUA/LAMP® light module should be unlocked and pulled out of the niche and weighted to hang below the expected ice surface level or it can be wrapped in a protective covering and placed above deck under your winter cover.

## WARRANTY

AQUA/LAMP® **Sealed Beam Bulbs (AL14)** are warrantied, under normal use, to be free from material and/or workmanship defects for a period of **1 year** from the date of purchase. **AQUA/LAMP® White LED Bulbs (AL14-WLED) and Rainbow Rays® Multi-Coloured LED Bulbs (AL14-RR)** are warrantied, under normal use, to be free from material and/or workmanship defects for a period of **2 years** from the date of purchase. Proof of purchase (Bill of Sale) is required for all warranty claims.

This warranty will not cover damage that is the result of negligent/improper installation, abnormal use which includes operating the LED bulb outside of water for an extended period of time creating excessive heat, and/or improper maintenance which includes improper Winterization.

### PROTECTING YOUR WARRANTY:

In order to prevent water from leaking into the fixture and causing damage:

- A) Replace proper **O-Ring\*\*** each time **ANY** of the 3 **Bulb\*** options is being replaced
- B) Inspect **AL2 Clear Lens Cover** for fractures
- C) Inspect **AL5 / AL5-Grey Lamp Receptacle** for signs of warping and fractures
- D) Inspect tightness of **AL5-WT Water-Tite Connector**
- E) Properly Winterize your light system (see Winterization Guidelines above)



361 Rowntree Dairy Road, Unit 4.  
Woodbridge, Ontario, Canada. L4L 8H1

Tel: (905) 264-6496 • Fax: (905) 264-6508

Email: [info@consolidatedpool.com](mailto:info@consolidatedpool.com)

[www.consolidatedpool.com](http://www.consolidatedpool.com)

