

Note: The Steam Room Lighting Kit is designed for use in high humidity environments such as tiled or acrylic steam rooms / steam baths or shower enclosures. This kit is not to be installed in any kind of Sauna, or any such environment that achieves temperatures higher than 130°F / 54°C.

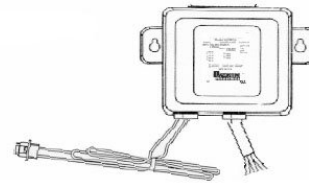
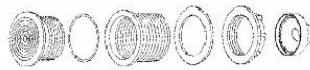
The Superior Sauna Experience™



The steam room lighting kit is designed to allow up to a total of 7 light fixtures connected, in a daisy chain configuration with approx. 6 feet of wire between each fixture. Low voltage light fixtures easily connect together with pre-installed locking connector terminals. Control Switch is waterproof and is recommended to be installed near steam room entrance door. Use appropriate hole saw type and size for drilling through steam room ceiling material.

The HydroStar™ is a 2-1/2" two-piece light assembly, which allows the replacement of the lamp from the front. It comes complete with a two piece tool for tightening, or un-tightening, the front lens for lamp replacement. The contents of the package should include the following:

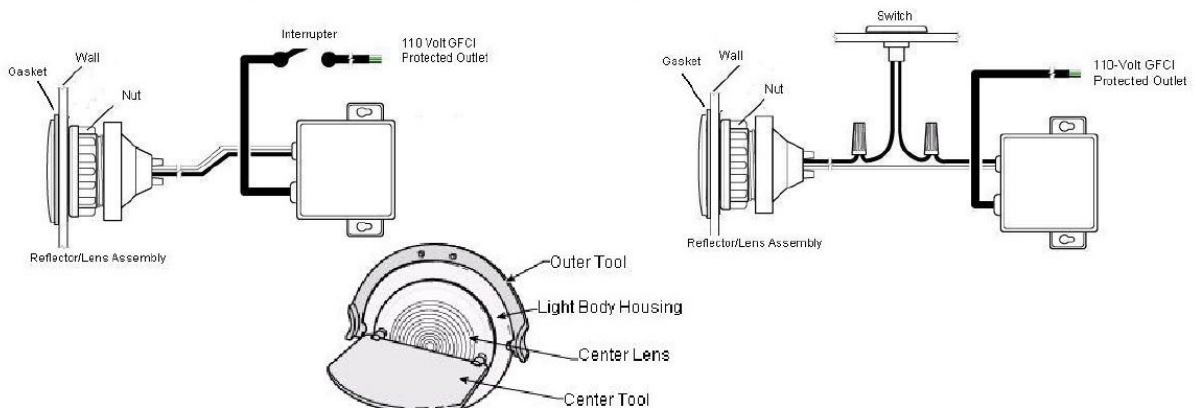
- One two-piece light assembly with O-ring and nut
- One gasket
- One HydroStar™ tool set (2 pieces)
- One power supply with reflector/lamp assembly



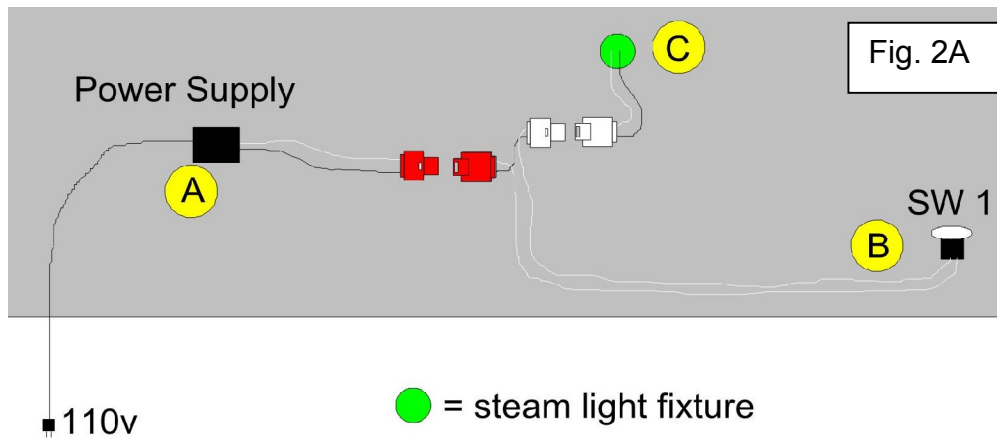
#### Installation

- Determine the placement of the light
- Drill a 2-1/2" hole for the light assembly
- Insert the light assembly through the provided gasket and insert assembly into the hole. Hand tighten nut. (Approximately 13 ~ 15 ft-lb)
- Screw the reflector onto the back of the light assembly then insert the lamp socket assembly and twist-n-lock into place
- Determine placement of the switch; it must be located in accordance with local electrical codes.

**Note:** To change a bulb after installation, follow the instructions engraved on the Hydro Tool. The outer tool is to hold the light body from turning; insert the two tabs into the two notches on the outside diameter of the light body while using the inner tool to turn the front lens of the light assembly (counter-clockwise to remove, clockwise to install).



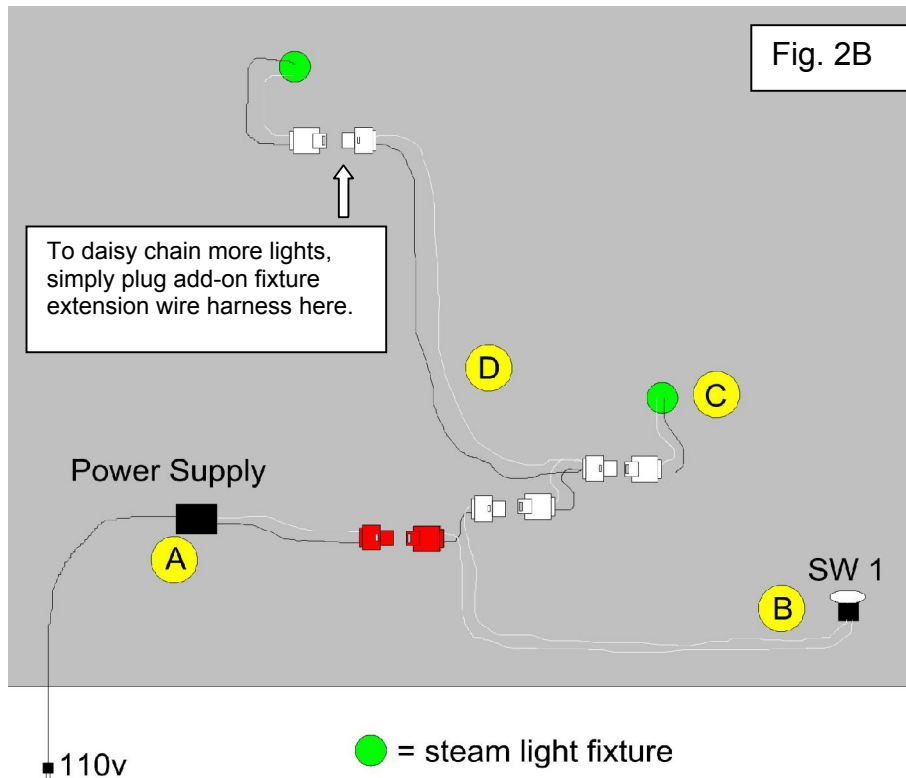
**Starter Kit example -- 1 light configuration shown, Fig 2A**



Steam Room Lighting Starter Kit (1 fixture configuration) includes items A, B and C plus 1 LED bulb.

Each Add-on Fixture includes items C and D plus 1 LED bulb, to daisy chain into starter kit with locking connectors. Do not connect more than 6 add-on fixtures on 1 power supply.

**Multiple Fixture example -- 2 light configuration shown, Fig 2B**



Wiring Tips: To conserve energy when steam room lighting kit is not being used for extended periods, connect the power supply 110v plug into a switched outlet.

Shared \ Docs \ Lit-Lib \ Steam Bath install \ edit \ steam\_room\_lights\_install.doc rev.10242011

Basic Operation: press switch lightly to change color / mode, or press switch until it clicks to turn lights on/off. Sequence of steady on colors and color change modes is shown below. If light fixture colors happen to mis-match in multiple fixture configurations, follow 'reset synchronization' process below.

## Starburst™ LED Installation and Operation

### Installation inside tub or spa

1. Drain water and disconnect power before attempting to open lens.
2. Utilize the front access tool to loosen lens.
3. Remove bulb by pulling lamp straight out.
4. Making sure the base of bulb and socket tabs line up, insert Starburst LED into the light socket.
5. Screw lens back in place making certain the water-tight gasket is in place properly.

### Installation backside of tub or spa

1. Unscrew the light body reflector (white) from body.
2. Remove bulb by pulling lamp straight out.
3. Making sure the base of the bulb and the socket tabs line up, insert the Starburst LED into the light socket.
4. Screw the light body reflector back onto body.

### Specifications

- 1-year warranty
- Retrofits any pool or spa with existing 12v lighting system.
- Consumes 1/10 the power of incandescent bulbs.
- Rated 100,000 hours life expectancy.
- Temperature range: -20°C ~ 104°C
- Humidity range: 0% ~ 95% non-condensing
- Not recommended for units with dimming systems

### Sealants

This UL-approved light unit is not covered under warranty if a sealant is used. However, for those who elect to use a silicone sealant, only GE SCS 1000 series or an equivalent (non-acetoxy, methoxy, or oxime cure silicones) should be applied. Any other type of silicone that contains acetic acid may cause cracking to the polycarbonate.

O'Ryan provides a chemical resistant product which may provide more resistance to these silicone products, but thorough testing should be done prior to applying silicon products to polycarbonate lens housing..

### Operating Instructions

#### Starburst™ S-series

- Sequencing your Starburst™ LED light is simply done by utilizing your existing light switch.
- To progress to the next lighting sequence turn the unit off and then on again within 2-3 seconds.
- To reset synchronization, turn units off for 5 seconds and turn back on. Units should flash four times and return to the Bright White color mode. When this has occurred, your units have been reset.
- To recommence a color mode, switch units off and your last color mode will be saved in the memory.
- By cycling the On/Off switch, the following sequence will occur:

Bright White  
Aqua Blue  
Soothing Violet  
Ocean Blue  
Majestic Gold  
Shamrock Green  
Fiery Red  
Chameleon Mode  
Party Mode

#### LIMITED WARRANTY-Starburst (LED)

O'Ryan Industries, Inc. warrants this product to be free from defects in workmanship and material under normal use and conditions for a period of one (1) year from date of original purchase. Should service be required by reason of any defect or malfunction during the warranty period, O'Ryan Industries, Inc. will repair or at their discretion, replace this product without charge subject to verification of the defect or malfunction, upon delivery of this product. If service is required after the expiration of the warranty period, O'Ryan Industries, Inc. will repair this product and bill for any necessary replacement parts, shipping and handling. This warranty is void if the unit is not installed per instructions, mechanically or electrically altered in any way, the transformer has been subjected to water or immersion, contacts show evidence of short circuiting; or if the unit has been visibly damaged by accident or misuse. There is a charge for replacement parts if the defective unit is returned for any of the reasons listed above. This is the only warranty expressed or implied given by O'Ryan Industries, Inc. Warranties implied under State Law including any implied warranty of merchantability or fitness for a particular purpose, shall be limited to one year from the original purchase date.

O'Ryan Industries, Inc. disclaims any liability for any incidental or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, therefore the above limitation or exclusion may not apply to you. Call for a Return Authorization Number at: 800-426-4311