

# DELIVER TO CONSUMER

**FIBERSTARS®**  
Lighting For The 21st Century®

## 2450-AS™

### OWNER'S MANUAL



#### SPECIFICATIONS

##### CONSTRUCTION

Case: High Impact Polycarbonate  
Ventilation: 110 cu ft/min air volume  
Acoustic rating: 50dB(A)  
Weight: 13 lbs.

##### ELECTRICAL

Voltage required: 120VAC 60Hz  
Power consumption: 250 Watts max  
Current usage: 2.0 amps

##### LAMPS

Type: Quartz-halogen; proprietary design  
Lamp life: 400-700hrs average

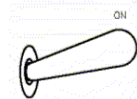
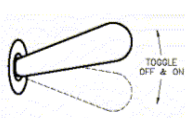
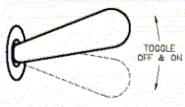
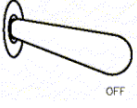
##### WARRANTY

One year limited warranty, excluding lamp

##### LISTING

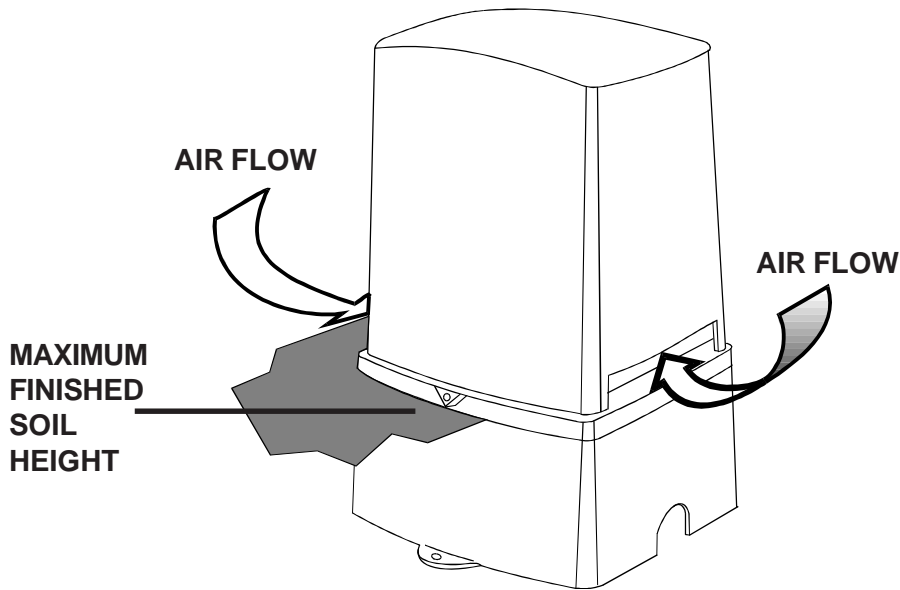
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#### CONTROL SEQUENCE

-  1. From off to on the first time.  
Light on, color wheel stationary with the color wheel at position it was on when turned off.
-  2. Toggle from on to off to on.  
Light on, color wheel moves to white, pauses, then continues rotating.
-  3. Toggle from on to off to on.  
Light on, color wheel stops on the desired color. (Another toggle will start the color wheel rotating again.)
-  4. From on to on to off.  
Light off, color wheel off.  
Sets the color that will come on when initially turned on again.



# DO NOT ALLOW AIR VENTS TO BE BLOCKED!



**Your SYSTEM 2450-AS illuminator needs air to breathe! Lack of ventilation can cause the unit to overheat. This will shorten the lamp life and could damage the unit. DAMAGE TO THE UNIT BECAUSE OF BLOCKED AIR VENTS IS NOT COVERED UNDER OUR WARRANTY!**

## TROUBLE SHOOTING

### -THERE IS NO LIGHT

**You can hear the fan running:** The lamp has probably failed. Replace with Fiberstars part #HI-111.

**There is no fan running:** The illuminator is not getting power. Check the toggle switch position by referring to the diagram on the front of this manual. Check the GFCI breaker and check the fuse on the illuminator.

### -THE UNIT SHUTS OFF AFTER A FEW MINUTES THEN COMES BACK ON

Check to see if the air vents are blocked. Refer to the above drawing to make sure the vents are clear

Turn off the power and remove the two screws securing the cover and check for an obstruction in the cooling fan.

### -REMOTE CONTROL UNITS (WITH OPTIONAL RM2 PACKAGE)

**There is a rapid clicking sound at the illuminator when the button is pressed:** The receiver module in the unit is defective. Have a qualified service company replace it. **YOU CAN TEMPORARILY OPERATE THE UNIT MANUALLY VIA THE TOGGLE SWITCH. SEE THE DIAGRAM ON THE FRONT OF THIS MANUAL.**

**There is a click at the unit when the button is pressed, but no light:** If you hear the fan running, the lamp has probably failed. Replace with Fiberstars part #HI-111. If you cannot hear the fan running, the receiver module is probably defective. Have a qualified service company replace it.

**There is NO click at the unit when the button is pressed:** Make sure that the plug-in transmitter is plugged in to functioning outlet. The red light on the transmitter should glow when a button is depressed. Make sure that the small switch marked "1-4 / 5-8" is in the "1-4" position. If the transmitter is functioning properly, but the illuminator still does not come on, the receiver module may be defective. Have a qualified service company replace it. **YOU CAN TEMPORARILY OPERATE THE UNIT MANUALLY VIA THE TOGGLE SWITCH. SEE THE DIAGRAM ON THE FRONT OF THIS MANUAL.**

### -LIGHTS ARE NOT BRIGHT ENOUGH

The adequacy of pool lighting is subjective at best. What is acceptable to most, may not be for some. The pool builder is given guidelines by Fiberstars, and the builder alone is responsible for the final design and installation. There are many factors that determine the ultimate brightness of our product; fiber lengths, pool finish color, installation techniques, etc. Remember that darker colors on our color wheel, i.e. magenta, are not as bright as lighter colors like white.