

Attn. Installer - This document is to be left with Pool Owner

Fiberstars-Treo Operation Manual

For lights equipped with LAU-FS2 Color Lamp

This product may be protected by one or more of the following U.S. Patents: 6781329, 6936978 and 6967448

Operation & Start Mode Instructions for LED Color Changing Lamp

The LED Series color changing lamps use simple 'off / on' power switching to control the color modes. This allows for a variety of simple control layouts to best fit your application.

MODE SELECTION

The light will enter Mode #1 when powered up from an 'off' state for longer than 2 seconds. To trigger a mode advance to the next color mode just turn the light switch OFF then ON within 1.5 seconds or sooner. Advance the mode until the desired color (mode) is selected - the modes will cycle 1,2,3,4,5,6,7,8, then return to 1 and repeat. If color synch is lost with other LED family lights, Color Light Streams water features or you just want to reset, just switch off the light / power switch for 2.5 seconds or more and the lamp will reset back to mode 1 when powered up again.

Start Mode / Color Selection

The displayed color of mode 1 is selectable by adjusting the DIP switches as shown by the DIP Switch Selection Guide. The color change hold time and alternate color for mode 5 (aqua instead of red) may also be selected by the DIP switches.

PLEASE NOTE - If DIP switches are changed from the default "all down" position, **all** installed LED family lights that are required to synchronize will also need to have matching DIP switches.

DIP Switch Selection Guide			
Mode 1	Soft Color Change	Blue	White
Mode 2	White	White	Soft Color Change
Mode 3	Blue	Soft Color Change	Blue
Mode 4	Green	Green	Green
Mode 5	Red or Aqua	Red or Aqua	Red or Aqua
Mode 6	Amber	Amber	Amber
Mode 7	Magenta	Magenta	Magenta
Mode 8	Flash Color Change	Flash Color Change	Flash Color Change

Switches #2 & #3
Both Down for
Color Change Start

Switch #2 Up
for Blue Start

Switch #3 Up
for White Start

Choose only
one option

10 Sec Blue White Aqua



Switch #4
Up for Aqua
Down for Red

2.5 Sec	Color Change	Red
Color Change Hold time	Start Color	Mode 5 color

Use the DIP switch to select the desired option or feature. Settings need to match in multiple light installations for color synchronization.
Default position is all DIP Switches Down.



CONFORMS TO UL STD 676
CERTIFIED TO CSA C22.2 #89

The 3 year, non-transferable, factory warranty starts from date of purchase.

Fiberstars-Treo Winterization Recommendations

Swimming Pools may or may not be drained completely. If not drained completely, the water level should be lowered below the Fiberstars-Treo and make sure that all water is drained from the wall fitting and conduit.

NOTE - If water is trapped in conduit, damage may occur from freeze expansion.

Lamp Replacement Instructions for Fiberstars-Treo Light

1. Depending on your particular installation, lowering the water level may or may not be required. Extra cord may have been coiled inside the conduit or near the power equipment. Only open the light body in a 'dry' environment, above the water level.
2. Remove the clip-on lens cover with the aid of a screwdriver as shown in Figure 3.
3. Unscrew the (6) six lens screws to unclip the lamp from the lamp socket as shown on the Assembly drawing below.
4. Replace the LAU-FS2 Lamp. Note: To ensure reliable operation of your Fiberstars-Treo, it is essential to use a genuine LAU-FS2. Lamp/Seal Replacement kit part no. **FPAL-LAU**.
When the Lamp is replaced it is important to maintain the water tight seal so the "O" ring should also be replaced, the "O" ring seal is supplied with the Lamp / Seal replacement kit. (FPAL-LAU).
5. When reassembling the Fiberstars-Treo, ensure the "O" ring is sitting correctly and that the lamp key-way notches fit the housing tabs. Replace the (6) lens screws and ensure the screws are not over tightened. Re-fit the lens cover.
6. Feed wire back into the wall fitting / conduit if light was removed from the wall.

