

# SUN SYSTEM<sup>®</sup>

## T5 FLUORESCENT SETUP Technical Information Guide

### IMPORTANT PRODUCT INFORMATION READ IMMEDIATELY

**KEEP ORIGINAL PACKAGING – ALL RETURNS NEED TO BE IN THE ORIGINAL PACKAGING IN ORDER TO AVOID PRODUCT DAMAGE DURING SHIPPING. ANY DAMAGE TO PRODUCTS NOT IN THEIR ORIGINAL PACKAGING WILL NOT BE COVERED UNDER WARRANTY.**

#### SAFETY FIRST!

FAILURE TO OBSERVE THE FOLLOWING SAFETY WARNINGS MAY RESULT IN SERIOUS INJURY. IN ADDITION, FAILURE TO OBSERVE THESE SAFETY WARNINGS WILL RESULT IN A WAIVER OF ALL LIABILITIES ON SUNLIGHT SUPPLY<sup>®</sup>, INC. AND WILL VOID ALL WARRANTIES.

#### WARNING:

- Disconnect power before re-lamping.
- When re-lamping, make sure lamp has time to cool before touching.
- Make sure power cord is connected properly.
- Do NOT hang by power cord or lamp cord.
- Do NOT make contact with the interior of the socket while the power is on.
- Do NOT operate the light systems in wet locations.
- Do NOT plug this system into a supply voltage other than what is instructed on your fixture.
- Do NOT attempt to open, rewire or reconfigure any components of the light system. It will void the warranty and could cause serious injury or death.
- These products operate at very high temperatures. Keep away from children.

#### BULB INFORMATION:

If there are bulbs that don't fire, make sure that the lamp is properly inserted and seated in the socket. If that does not work try swapping the bulbs around for others that are working. This will help determine if it is the bulbs or the fixture that is defective.

fig. 1



#### T5 FLUORESCENT SETUP: (NEW WAVE<sup>®</sup> & SUN BLAZE<sup>®</sup>)

1. Remove the system from the box along with any additional parts.
2. Use an eye bolt or some other means of securely hanging from the ceiling.
3. Hang the fixture with the supplied hangers, V-hangers for New Wave<sup>®</sup> or wire cable hangers for Sun Blaze<sup>®</sup>.
4. Insert lamps (refer to label on product for correct lamp) into the system.  
To do this, slide both ends of the lamp into the lamp holders and rotate the lamp 90° in either direction (**fig. 1**). You will feel a small click when it is properly seated.
5. Some New Wave<sup>®</sup> and Sun Blaze<sup>®</sup> models have the capability to be daisy chained together.  
Do not exceed 7.5 amps on any fixtures chained together.  
Do not daisy chain more fixtures together than what is specified on the fixture.  
Chaining more fixtures together than specified will void the warranty on all fixtures

Fixture Type	Max # Chained
Sun Blaze <sup>®</sup> 22	16
Sun Blaze <sup>®</sup> 24	8
Sun Blaze <sup>®</sup> 28	4
Sun Blaze <sup>®</sup> 42	10
Sun Blaze <sup>®</sup> 44	5
Sun Blaze <sup>®</sup> 46	3
Sun Blaze <sup>®</sup> 48	2

#### T5 VHO FLUORESCENT SETUP: (SUN BLAZE<sup>®</sup> VHO)

1. Follow the instructions from the T5 Fluorescent Setup.
2. Do not use T5 High Output (HO) lamps in these fixtures. Use only T5 Very High Output (VHO) lamps.

Fixture Type	Max # Chained @ 120V
New Wave <sup>®</sup> 44	5
New Wave <sup>®</sup> 48	3

## **TROUBLESHOOTING... IF YOUR FIXTURE DOES NOT WORK:**

1. CHECK YOUR ELECTRICAL SOURCE: Make sure the unit is plugged in properly and that the breaker is not tripped or fuse blown.
2. FOR T5 FLUORESCENT FIXTURES: Check to ensure lamps are properly locked into place. This is accomplished by turning the lamps ¼ turn in either direction.
3. Try a different lamp if you have one available. Make sure unit is unplugged when changing lamps.

## **POWER USAGE:**

On average, a light system will increase your electricity cost from \$8 to \$20 per month—the exact amount depends on the size of the system and the number of hours operated. However, since these grow lights are so energy efficient, you are getting huge amounts of light (and growing power) for your money! Make sure your grow room's power circuit can handle the power draw. For safety reasons, do not exceed 75% of the rated ability of the fuse/breaker (for example: use no more than 15 amps on a 20 amp circuit). To calculate your cost, multiply the bulb wattage X hours of operation and divide by 1000. This figure is the number of kilowatt hours of electricity consumed. (Example: a 400 watt bulb running for 18 hours will use 7.2 kilowatt hours). Check your power bill for the cost of each kilowatt hour. Then multiply the number of kilowatt hours by the cost of a kilowatt hour (K/hr) to arrive at the cost per month to run the light in your area

## **WARRANTY SERVICE: Please read warranty information first**

If after reviewing the troubleshooting tips the light will still not work, you should return the light to the dealer where you purchased it. They will be able to further evaluate the light and test its various components and quite possibly will be able to identify and/or fix any problems. Often the problem is as simple as a defective lamp. If the dealer is unable to fix the light, they will return it to us for factory repair. Many dealers have loaner ballasts that you may check out until yours is returned (usually not more than 7-10 days).

To locate the dealer nearest you, visit our website at [www.sunlightsupply.com](http://www.sunlightsupply.com) and complete the "Dealer Search". If there are no dealers in your area, you may contact us directly for technical support. If we cannot help you resolve the problem over the phone, we will issue you a RMA # (return merchandise authorization) authorizing you to return the system to us for factory reconditioning (if the unit is under warranty). You will need to provide an email address or fax number so that the Authorization Form may be sent to you. You will need to include this Authorization Form in the packaging when returning your Sun System® unit. Also please write the RMA # on the outside of the box.

***Please package the light carefully in its original packaging. If it is damaged in shipment we will not be responsible.***

Once we receive the light back, we will repair it within 48 hours (business) and return it to you freight prepaid via UPS Ground. If the unit cannot be repaired, a replacement will be sent. If there are no replacements available, a unit of comparison will be sent back.

# **IMPORTANT: PROOF OF PURCHASE REQUIRED FOR RETURNS**

**Sun Blaze® = 5 Year | New Wave® = 2 Year**

**Returning Units: Please contact your retail store for returns.**

## **WARRANTY INFORMATION:**

Sunlight Supply®, Inc. warrants to the original purchaser of this product against defects in material and workmanship under normal use for 5 years on Sun Blaze® and Croplight™, and 2 years on New Wave®. During the warranty period, Sunlight Supply®, Inc. will, at our option, and without charge, repair or replace this product if the unit or any of its components fail or malfunction.

This warranty is expressly in lieu of all other warranties, expressed or implied, including the warranties of merchantability and fitness for use and of all other obligations or liabilities on the part of the seller. This warranty shall not apply to this product or any part thereof which has been damaged by accident, abuse, misuse, modification, negligence, alteration or misapplication. Sunlight Supply®, Inc. makes no warranty whatsoever in respect to accessories or parts not supplied by Sunlight Supply®, Inc. This warranty shall apply only to the United States, including Alaska, Hawaii and territories of the United States.

**NOTE:** Sunlight Supply®, Inc. is a manufacturer of supplementary lighting systems. All sales offerings to the public are done through a nationwide group of dealers. No sales offerings will be made directly to the general public.

