



T5 Fluorescent Fixture

Instruction Manual



IMPORTANT PRODUCT INFORMATION

READ IMMEDIATELY

SAFETY FIRST!

Failure to observe the following safety warnings may result in serious injury or death. Use all Hydro Crunch™ products only as directed. Failure to observe these safety warnings will result in a waiver of any and all liability on the part of Hydro Crunch™ its manufacturer, and resellers, and will void all warranties to the extent permitted by law.

WARNINGS AND INSTRUCTIONS

FOR USE:

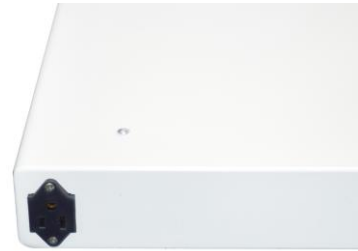
- Disconnect power before re-lamping.
- When re-lamping, make sure lamp has time to cool before touching.
- Make sure power cord is connected properly
- **DO NOT** hang by power cord or lamp cord.
- **DO NOT** make contact with the interior of the socket while the power is on.
- **DO NOT** plug or unplug a lamp cord while the ballast is turned on.
- **ALWAYS** unplug the ballast from the power source before connecting or disconnecting any lighting device to ballast, moving ballast, or otherwise touching or handling ballast or its components.
- **DO NOT** use with generators. Warranty will be voided.
- **NEVER** stand beneath the ballast.
- **NEVER** put hands or any other objects in the interior of the ballast.
- **DO NOT** operate this or any lighting system in wet areas.
- **DO NOT** plug this system into a supply voltage other than what is instructed on your fixture.
- **DO NOT** attempt open or rewire the components of the light system. It will void the warranty and may cause serious injury or death.
- If any part of the lamp is damaged, replace lamp immediately.
- Disconnect the unit from a power source before replacing lamps or any other parts.
- When replacing lamps, make sure the lamp has had time to cool before touching.
- Make sure power cord and lamp cord are connected securely to the unit.
- These products operate at very high temperatures. Keep away from children.
- Glass is required for reflectors using metal halide (MH) lamps for UL listing to apply. Glass is not required for high pressure sodium (HPS) lamps to be UL listed.
- Always use a three prong timer rated for 15 amps or more with light systems.
- Do not operate lamps that are a different wattage than the ballast specifies.
- Read all instructions completely before attempting to power on unit. Failure to follow the warnings and instructions for use may result in serious injury or death, for which Hydro Crunch™'s manufacturer and resellers expressly disclaim any and all liability.

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.

Hydro Crunch™ T5 FLUORESCENT SETUP

1. Remove the T5 system from its box along with all additional parts.
2. Hang the unit to a secure surface using the wire cable hangers provided (optional light hanger systems can be purchased separately). Never stand underneath the unit.
3. Install lamps (examine the label to determine the correct lamp) into the system. Insert both ends of the lamp into the lamp sockets and rotate the lamp 90 ° in either direction. You will feel a small click when it is properly seated.
4. Hydro Crunch™ T5 units can be daisy chained together. Do not exceed 7.5 amps on any fixtures chained together. Do not daisy chain more fixtures than what is recommended. Chaining more fixtures together than recommended will void the warranty. Always unplug T5 systems from the power source prior to moving, connecting, chaining, disconnecting, or otherwise handling lighting systems.
5. Finally, connect T5 system to a power source.



Daisy Chain Feature

Fixture Type	Max # Chained
T522	12
T524	6
T528	4
T544	5
T546	3
T548	3

T5 Fixture Package Contents

- T5 Fluorescent Fixture
- T5 Bulbs
 - Color Temperature: 6400K
 - Size: 2 or 4 foot
- Cable hangers
- Instruction Manual

Specifications

Volts: 120V / 60Hz

Cord length: 8' grounded power cord

Mounting: Vertical or Horizontal orientation

Compatibility: 120V receptacle located on unit allows for multiple “daisy chain” option (see diagram)

Fixture Type	Dimensions (LxWxH)	Weight	Lumens (up to)	Watts	Amps
T522	2 FT. 2 Lamp: 23.25" L x 7.5" W x 2 3/8"H	7 lbs.	4000	48W	.4A
T524	2 FT. 4 Lamp: 23.25"L x 13"W x 2 3/8"H	10 lbs.	8000	96W	.8A
T528	2 FT. 8 Lamp: 23.25" L x 13"W x 2 3/8"H	16 lbs.	16,000	192W	1.6A
T544	4 FT. 4 Lamp: 46.25"L x 13"W x 2 3/8"H	19 lbs.	20,000	216W	1.8A
T546	4 FT. 6 Lamp: 46.25"L x 18.5"W x 2 3/8"H	26.3 lbs.	30,000	324W	2.7A
T548	4 FT. 8 Lamp: 46.25"L x 24"W x 2 3/8"H	31.4 lbs.	40,000	432W	3.6A

Troubleshooting

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.

1 Year Limited Warranty Service

If the product will not work after you have read the troubleshooting guide and practiced the troubleshooting options, you are advised to return the Hydro Crunch™ light system to the retailer you purchased it from. The dealer will be able to examine the light and test its components. If they are not able to repair the light, they will return it to us for examination and repair/replacement. Do not attempt to repair any product on your own, as serious injury or death may result. If the retailer is not able to help you and the light is still under manufacturer's warranty, you may contact us for technical support. In some cases, you will be issued an RMA# (return merchandise authorization number) to return the unit for factory repair. Complete the warranty form below and return the light with all original packaging, your receipt of purchase, and a valid RMA# to the address below. Please pack and ship the light in its original packaging. If it is damaged in shipment we cannot be responsible and the warranty may be voided. Once we receive RMA package, it will be repaired or replaced and shipped back to you. Please note if an additional warranty was purchased and include the extended warranty sales receipt with your return.

RETURN FORM

Include the following if returning:

- ✓ Proof of purchase
- ✓ This completed form
- ✓ RMA# on the outside of the box
- ✓ Extended warranty receipt

Return Merchandise Authorization Number (Required): _____

Contact Name: _____

Address: _____

Phone #: _____

Email Address: _____

Please give a brief description of your technical issue: _____

SEND TO:

Hydro Crunch
20651 Golden Spring Drive Suite 115
Walnut, CA 91789
714-516-8176

IMPORTANT!

The following pages contain important safety and operating instructions. Please read and follow all instruction in this manual. Carefully read and review all safety instructions, warnings and cautions contained in this manual. Failure to read and follow these instructions, warnings and cautionary statements may result in severe injury or death to persons and pets or damage to personal property.



Do not dispose product or any other part of it as unsorted municipal waste – instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment.