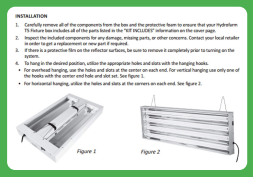
Hydrofarm FLT28

Hydrofarm Agrobrite FLT28 T5 Fluorescent Grow Light System

Model: FLT28

Brand: Hydrofarm


INSTALLATION

1. Carefully remove all of the components from the box and the protective foam to ensure that your Hydrofarm T5 fixture box includes all of the parts listed in the "KIT INCLUDES" information on the cover page.
2. Inspect the included components for any damage, missing parts, or other concerns. Contact your local retailer in order to get a replacement or new part if required.
3. If there is a protective film on the reflector surfaces, be sure to remove it completely prior to turning on the system.
4. To hang in the desired position, utilize the appropriate holes and slots with the hanging hooks.
   - For overhead hanging, use the holes and slots at the center on each end. For vertical hanging use only one of the hooks with the center end hole and slot set. See figure 1.
   - For horizontal hanging, utilize the holes and slots at the corners on each end. See figure 2.

Figure 1

Figure 2

Your Year-Round Gardening Experts

Product Overview

The Hydrofarm Agrobrite FLT28 T5 Fluorescent Grow Light System is designed to deliver performance, flexibility, and high lumen output for various growing environments. It is ideal for rapid vegetative growth and propagation, providing a balanced daylight spectrum perfect for young plants and cuttings.



Front view of the Hydrofarm Agrobrite FLT28 T5 Fluorescent Grow Light System.



Angled view of the Hydrofarm Agrobrite FLT28 T5 Fluorescent Grow Light System, showing the T5 tubes.

Key Features:

- Dimensions: 3"H x 22.75"W x 26"L
- Includes 8' grounded power cord
- Includes 8 6400K T5 Tubes
- Up to 16,000 Lumens output
- Powder coated, steel housing for durability
- High performance faceted specular aluminum for better light distribution
- Versatile hanging options: overhead, vertical, or horizontal

Product Video Overview:

Official video providing an overview of the Agrobrite T5 Tube Fixture, highlighting its features and benefits for plant growth.

Setup and Installation

The Hydrofarm Agrobrite T5 system is designed for ease of setup. No complex assembly is required for the fixture itself.

Installation Steps:

1. Carefully remove all components from the box and protective foam. Ensure all parts listed in the "KIT INCLUDES" information (not provided in this manual) are present.
2. Inspect all included components for any damage, missing parts, or other concerns. Contact your local retailer for replacement or new parts if required.
3. If there is a protective film on the reflector surfaces, be sure to remove it completely prior to turning on the system.
4. To hang the fixture in the desired position, utilize the appropriate holes and slots with the hanging hooks.
    - For overhead hanging, use the holes and slots at the center on each end.
    - For vertical hanging, use only one of the hooks with the center end hole and slot set. See Figure 1.
    - For horizontal hanging, utilize the holes and slots at the corners on each end. See Figure 2.



Figure 1: Illustrates the vertical hanging configuration for the Hydrofarm Agrobrite T5 fixture.



Figure 2: Illustrates the horizontal hanging configuration for the Hydrofarm Agrobrite T5 fixture.

Operating Instructions

The Agrobrite T5 system is designed for straightforward operation. Once installed, simply plug the 8-foot grounded power cord into a suitable electrical outlet. The fixture features a power switch for easy on/off control.

Optimal Use:

- The 6400K T5 tubes provide a balanced daylight spectrum, which is highly effective for the vegetative growth phase of plants.
- The low-profile, open-roof design, combined with the inherently low temperature of T5 bulbs, allows for safe operation even in close quarters.
- The high-output fluorescent tubes offer twice the efficiency and light output compared to common fluorescent bulbs, ensuring robust plant development.

Maintenance

To ensure the longevity and optimal performance of your Hydrofarm Agrobrite FLT28 T5 Grow Light System, follow these general maintenance guidelines:

- **Cleaning:** Periodically wipe down the exterior of the fixture and the T5 tubes with a soft, dry cloth to remove dust and debris. Ensure the unit is unplugged before cleaning. Avoid using abrasive cleaners or

solvents.

- **Bulb Replacement:** Over time, the light output of fluorescent tubes may diminish. Replace T5 tubes as needed to maintain optimal light intensity for your plants. Ensure replacement bulbs match the specified type (T5 6400K).
- **Reflector Care:** The faceted specular aluminum reflector is crucial for light distribution. Keep it clean and free of obstructions to maximize light reflection.
- **Power Cord Inspection:** Regularly inspect the power cord for any signs of damage, fraying, or kinks. If damage is found, discontinue use and replace the cord or consult a qualified electrician.

For any internal component issues, such as ballast replacement, it is recommended to consult with a qualified technician or contact Hydrofarm customer support.

Troubleshooting

This section addresses common issues you might encounter with your Hydrofarm Agrobrite FLT28 T5 Grow Light System. If you experience problems not listed here, please contact customer support.

Common Issues:

- **Light does not turn on:**
  - Check if the power cord is securely plugged into a working electrical outlet.
  - Ensure the power switch on the fixture is in the 'ON' position.
  - Verify that the T5 tubes are correctly seated in their sockets.
  - Inspect the T5 tubes for any visible damage or blackening at the ends, which may indicate a burnt-out bulb. Replace if necessary.
  - If individual bulbs are not lighting up, the issue might be with the ballast.
- **Flickering lights:**
  - Flickering can indicate aging T5 tubes. Try replacing the affected bulbs.
  - Ensure stable power supply to the fixture.
- **Reduced light output:**
  - Dust accumulation on the tubes or reflector can reduce light output. Clean the fixture as per maintenance instructions.
  - T5 tubes naturally degrade over time. Consider replacing older bulbs.

For persistent issues or problems related to internal electrical components, it is recommended to seek assistance from a qualified electrician or contact Hydrofarm customer support.

Specifications

Attribute	Detail
Brand	Hydrofarm
Model Name	Agrobrite FLT28 T5 Fluorescent Grow Light System, 2 Foot, 8 Tube
Item Model Number	FLT28

Product Dimensions	30 x 25 x 5 inches
Item Weight	16.5 pounds
Color	White
Material	Aluminum, Alloy Steel
Style	2-Feet (8 Tubes)
Light Source Type	Fluorescent (T5)
Number of Light Sources	8 (for this model)
Wattage	192 watts
Voltage	120 Volts
Brightness	Up to 16,000 Lumens
Power Source	Corded Electric
Installation Type	Suspended
Indoor/Outdoor Usage	Indoor
Manufacturer	EnviroGro

Warranty Information

The Hydrofarm Agrobrite T5 Fluorescent Grow Light System includes a **5-year ballast warranty**. This warranty covers defects in materials and workmanship of the ballast component under normal use. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, refer to the documentation included with your product or contact Hydrofarm customer support.

Support and Contact

For further assistance, technical support, or to inquire about replacement parts, please utilize the following resources:

- **Local Retailer:** For replacements or new parts, it is often recommended to contact your local retailer where the product was purchased.
- **Hydrofarm Store:** Visit the official Hydrofarm store for product information and resources:Hydrofarm Store on Amazon
- **Manufacturer Website:** Refer to the Hydrofarm official website for the most up-to-date support information, FAQs, and contact details.

When contacting support, please have your product model number (FLT28) and purchase information readily available.

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