

Gavita 906098

Gavita 906098 1000e DE Grow Light Fixture Instruction Manual

Model: 906098

1. INTRODUCTION

This instruction manual provides essential information for the safe and efficient operation of your Gavita 906098 1000e DE Grow Light Fixture. This professional-grade fixture is designed for horticultural lighting applications, operating at 277-347 Volts. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.



Image 1.1: The Gavita 906098 1000e DE Grow Light Fixture. This image shows the complete fixture, including the ballast housing on the left, the reflective hood, and the lamp socket on the right.

2. SAFETY INFORMATION

- **Professional Installation Required:** This fixture operates at 277-347 Volts and requires installation by a certified electrician in an industrial environment. Attempting installation without proper qualifications can result in serious injury or damage.
- **Electrical Hazard:** Ensure power is disconnected before any installation, maintenance, or lamp replacement.
- **Heat Emission:** Grow lights generate significant heat. Ensure adequate ventilation around the fixture to prevent overheating.
- **Not Water Resistant:** This product is not designed to be water resistant. Avoid exposure to water or high humidity environments to prevent electrical hazards and damage.

- **Lamp Handling:** Handle the lamp with care. Avoid touching the lamp glass with bare hands as oils can reduce lamp life.
- **Eye Protection:** Always wear appropriate eye protection when operating or working near grow lights to prevent eye strain or damage.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking:

- Gavita 1000e DE Grow Light Fixture (Model 906098)
- Gavita Pro Plus 2,100 μmol , 1000 watt DE lamp
- 3 ft 3 in power cord (unattached, open wire end)
- Eye bolts and nuts for hanging
- Control cords for daisy-chaining to a master controller

4. SETUP

1. **Mounting:** The fixture is designed for hanging. Use the provided eye bolts and nuts to securely suspend the fixture from a suitable support structure. Ensure the mounting location can safely bear the weight of the fixture (approximately 14.1 ounces).
2. **Electrical Connection:** As this fixture operates at 277-347 Volts, a certified electrician must perform the electrical connection of the 3 ft 3 in power cord to your power supply. The power cord has an open wire end for hardwiring.
3. **Lamp Installation:** Carefully install the Gavita Pro Plus 1000 watt DE lamp into the fixture's lamp sockets. Ensure it is seated correctly and securely.
4. **Controller Connection (Optional):** If using a Gavita Master controller, connect the provided control cords to daisy-chain the fixture to the controller. This allows for centralized control of multiple fixtures.
5. **Ventilation:** Ensure the installation area has adequate ventilation to dissipate heat generated by the fixture.

5. OPERATING INSTRUCTIONS

1. **Power On:** Once installation is complete and verified by a certified electrician, apply power to the fixture.
2. **Controller Operation:** If connected to a Gavita Master controller, refer to the controller's manual for specific operating instructions. The controller allows management of up to 80 fixtures, eliminating the need for individual timers and contactors.
3. **Independent Operation:** If not connected to a master controller, ensure any necessary dummy plugs are in place for independent operation.
4. **Monitoring:** Regularly monitor the fixture and surrounding environment for proper operation and temperature.

6. MAINTENANCE

- **Cleaning:** Periodically clean the reflector and exterior of the fixture with a soft, dry cloth to maintain optimal light output. Ensure the fixture is powered off and cool before cleaning.
- **Lamp Replacement:** Replace the 1000 watt DE lamp according to the manufacturer's recommended schedule or when light output diminishes. Always ensure power is disconnected and the lamp is cool before attempting replacement.

- **Inspection:** Regularly inspect the power cord, control cords, and hanging hardware for any signs of wear or damage.

7. TROUBLESHOOTING

If you encounter issues with your Gavita grow light fixture, consider the following:

- **Fixture Not Powering On:**
 - Verify that the power supply is active and correctly connected by a certified electrician.
 - Ensure the lamp is properly seated in its sockets.
 - If using a controller, check its status and connections.
- **Inconsistent Operation / Missing Parts:**
 - Confirm all components listed in the "Package Contents" section were received.
 - If operating independently (without a master controller), ensure any required dummy plugs are present and correctly installed. Missing dummy plugs can prevent independent operation.
- **Reduced Light Output:**
 - Clean the reflector and lamp surface.
 - Consider replacing the lamp if it has exceeded its recommended lifespan.

For persistent issues, contact Gavita customer support or your certified electrician.

8. SPECIFICATIONS

Model Number	906098
Brand	Gavita
Style	E-Series
Size	1000e DE 277 - 347 Volt
Product Dimensions (LxWxH)	23"D x 14"W x 10.5"H
Item Weight	14.1 ounces
Power Source	Electric
Wattage	1000 watts
Mounting Type	Hanging
Water Resistance Level	Not Water Resistant
Assembly Required	No

9. WARRANTY AND SUPPORT

The Gavita 906098 1000e DE Grow Light Fixture comes with a **1-year warranty on the lamp** from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or to purchase replacement parts, please contact Gavita customer service through their official website or authorized distributors. Ensure you have your model number (906098) and purchase details available when contacting support.