

1. Introduction

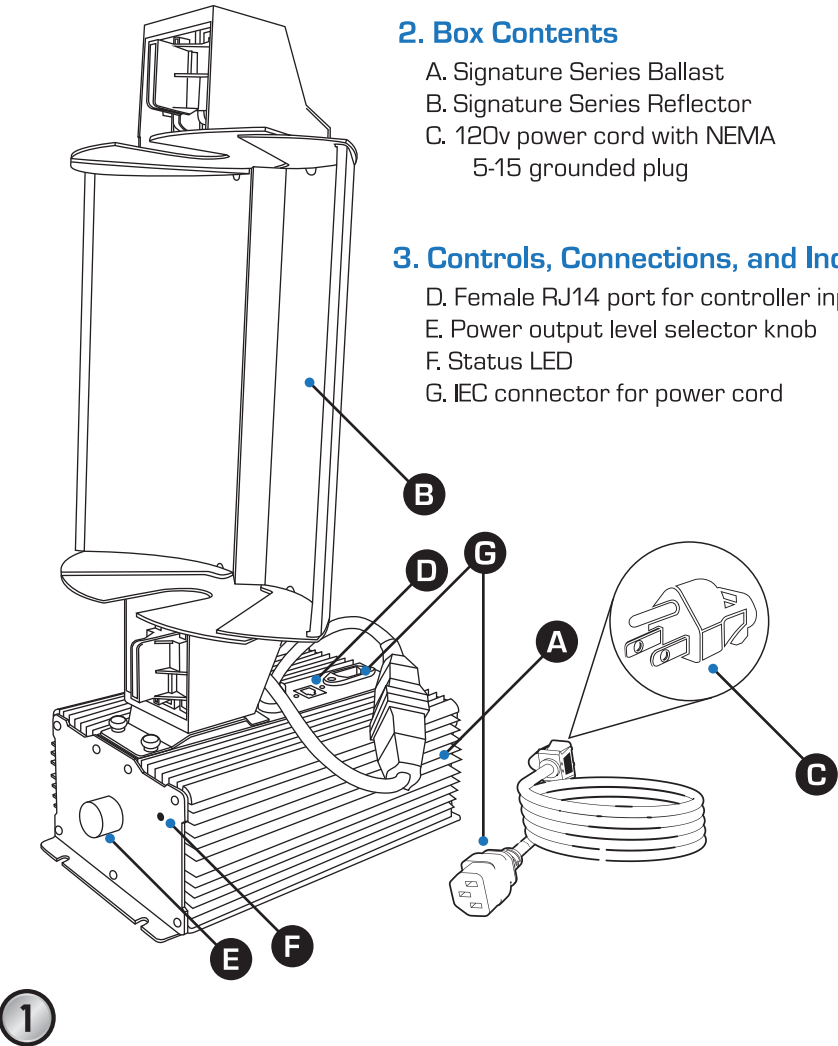
Thank you for purchasing the AgroMax Signature Series 1000W Double-Ended fixture! Each ballast is factory-tested for approximately twelve hours to ensure optimal operation, and packed with advanced safeguards such as soft-start technology and a multi-aspect protection. In case of an auto-shutoff, please disconnect the ballast from the power supply and remove the faulty lamp or check for wiring/connection problems. Then restart the ballast after any possible issues have been identified and addressed. Please take a moment and review the rest of the manual to ensure proper use and best performance.

2. Box Contents

- A. Signature Series Ballast
- B. Signature Series Reflector
- C. 120v power cord with NEMA 5-15 grounded plug

3. Controls, Connections, and Indicators

- D. Female RJ14 port for controller input
- E. Power output level selector knob
- F. Status LED
- G. IEC connector for power cord



4. Product Information

4.1 Technical Specifications

Model	1000W 120V/240V	
Product Weight	6.0kg/ 13.22lb	
Dimensions (L/W/H)	579mm (22.79") x 236mm (9.29") x 271mm (10.67")	
Temperature Case	75° Celsius / 167° Fahrenheit	
Temperature Ambient	0- 35° Celsius / 32 - 95° Fahrenheit	
Input Voltage +/- 10%	120V	240V
Input Current at 100%	9.30A	4.60A
Input Power at 100%	1085W	1055W
Power Factor	>0.99	
Total Harmonic Distortion	< 10%	
Frequency	50-60Hz	
Power Inlet	IEC C14	
Power Output Settings	600W / 750W / 825W / 1000W / 1150W / EXT (external controller)	
External Dimming	Controller Specific	
External Signal:	RJ14 External Controller Build in (6P4C)	
Ignition Voltage	5 kV	
Inrush Current	≤ 50 Amps	≤ 37.5 Amps
Plug Type	NEMA 5-15	

4.2 Operating Conditions

This AgroMax Signature Series 1000W DE fixture is designed to withstand damp environmental conditions; however, they are intended for indoor use only. Do not use or mount the ballast outdoors or in areas where there is a risk of direct exposure to water. Operational temperature: 20 – 30°C / 68 – 86°F.

5. Placement and Replacement of the Lamp

1. Switch off main power
2. Hold the lamp with fabric gloves for protection.
3. Open the lamp holders by sliding them outwards. (figure 1)
4. Carefully take the lamp out of the fixture. (figure 2)
5. Install the new lamp.
6. Use a fabric glove to carefully press the lamp into the fitting until the metal springs hold the lamp in place. (figure 3)
7. Close the lamp holders by sliding them inward. (figure 4)
8. Switch on the main power.

