

INSTRUCTION MANUAL

DE1000Lh

DOUBLE-ENDED REFLECTOR



Thank you for purchasing the Phantom DE Wing Double-Ended 1000W Reflector. When used with a Phantom DE ballast and double-ended 1000W HPS lamp, this reflector is engineered to provide the widest, most even light spread over the growing area.

WARNING! FAILURE TO FOLLOW OUR GUIDELINES COULD RESULT IN ELECTRICAL SHOCK. DO NOT TOUCH, MOVE, SPRAY, OR CLEAN YOUR LIGHT FIXTURE WHEN IT IS PLUGGED IN. ALLOW IT TO COOL DOWN BEFORE HANDLING. RECOMMENDED MOUNTING CLEARANCE FOR YOUR FIXTURE IS 8"-12" ON ALL SIDES. DO NOT MOUNT DIRECTLY TO ANY SURFACE. MAKE SURE TO DISCONNECT THE POWER WHEN CHANGING THE LAMP.

ASSEMBLING THE REFLECTOR

1. Upon opening the box, note any dented, deformed, or damaged parts. If any part of your unit is broken or damaged, immediately notify your retailer or distributor.
2. Remove reflector from plastic bag and inspect for any damages. Handle reflector carefully to avoid deforming the reflector, which can effect the output efficiency.
3. Remove hardware from plastic bag and ensure you have all parts as shown in PHOTO A.

NOTE: Hardware bag may be inside cardboard end piece.

4. For "Remote" configuration use:

- 4a - Install the two eyebolts into the tapped holes on top of the reflector as shown in PHOTO B.
- 4b - Install lamp into reflector connectors as shown in lamp instructions.
- 4c - Connect your ballast to the reflector using CSXCORD (sold separately) in PHOTO C.



PHOTO A



PHOTO B



PHOTO C

5. For "Attached" configuration use (applies to Phantom Ballast Commercial DE only):

- 5a - Install only one eyebolt into the tapped hole in the top of the reflector opposite the input lamp connector. Install second eyebolt into ballast hanging bracket as shown below in PHOTO D.
- 5b - Attach the reflector hanging bracket to the rear of the Phantom DE Wing using 3 of the included machine screws as shown in PHOTO E.
- 5c - Insert reflector and bracket assembly into hole in slot on back of ballast. Slide down into end cap and secure with 2 of the included machine screws as shown in PHOTO F and PHOTO G.
- 5d - Slide ballast hanging bracket into top cap of ballast and secure with 2 of the included machine screws as shown in PHOTO H and PHOTO I.
- 5e - Plug reflector into ballast and install lamp as shown in PHOTO J.



PHOTO D



PHOTO E



PHOTO F



PHOTO G



PHOTO H



PHOTO I



PHOTO J

LAMP INSTALLATION

1. Open both lamp holders by sliding them outwards and away from the center of the fixture, as shown in PHOTO A.
2. Begin by installing the double-ended lamp within the lamp holders shown in PHOTO B and PHOTO C.

Please note: When installing lamp, do not apply excessive force. The wire end/lead must be fully seated as shown in PHOTO D and PHOTO E before sliding both socket ends closed. During installation try to minimize excessive handling of the lamp to minimize fingerprints and oils left on the lamp. If the lamp needs cleaning, use a soft dry cotton cloth to wipe off fingerprints or oils.

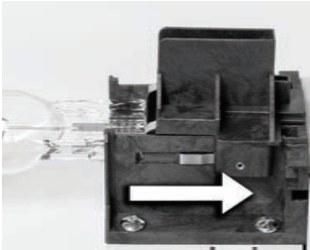


PHOTO A

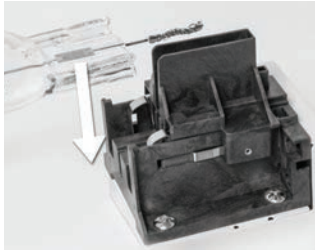


PHOTO B



PHOTO C

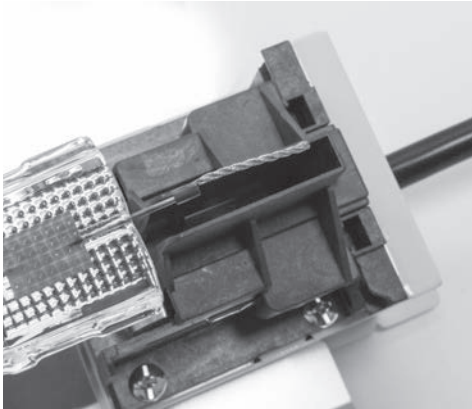


PHOTO D

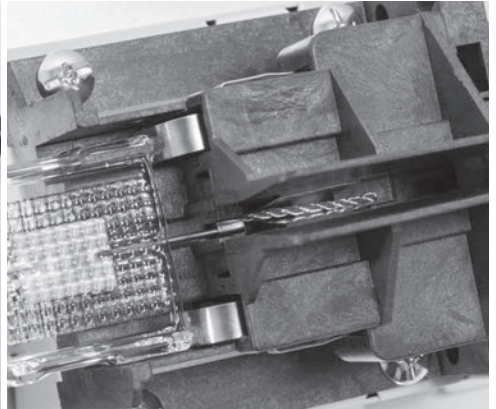


PHOTO E

3. Once lamp is positioned correctly, slide the lamp holder inward toward the center of the bulb to secure and lock the lamp in place as shown in PHOTO F and PHOTO G.

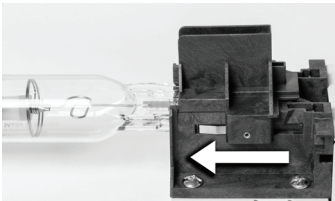


PHOTO F

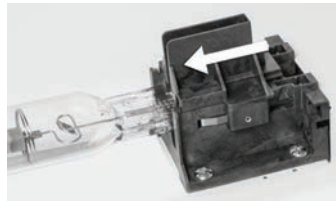


PHOTO G

Please note: Do not force the lamp holders closed. This could cause damage to both the lamp and lamp holders.

INSTRUCTION MANUAL

HANGING YOUR FIXTURE

1. Make sure your unit is unplugged.
2. Hang the fixture from a strong cord or chain from both ends. Make sure you have hooks solidly screwed into the studs in the ceiling. If you cannot locate the studs, insert expansion anchors into the ceiling. The hooks should be rated to hold at least 50 lbs each.

TIPS

- The lamp may require 10-30 minutes cooling time before restarting.
- After you plug the reflector in, the bulb may require several minutes to reach its full brightness. In the event of a momentary power interruption, the bulb will not restart immediately.
- Some variation in the color of light emitted by the bulb is not unusual, especially in the first 100 hours of operation.
- Never pull the cord to unplug the reflector, pull the plug only.
- Avoid scratching the bulb, subjecting it to undue pressure, or getting it wet when it is hot; these actions may cause the bulb to break.
- In the event of bulb breakage, immediately unplug the reflector to prevent exposure to ultraviolet energy, which may be harmful to eyes and skin.
- Keep room temperature below 95°F, with adequate air circulation by fan in the growing area.
- The DE lamp produces very high-intensity light and was originally designed for commercial growing operations. Please take care to consider proximity to plants when installing your fixture. You may want to allow more vertical space between the plant canopy and the fixture to mitigate the high-intensity light and heat in the plant area.
- Always use a heavy-duty 3-pronged grounded timer, rated for at least 15 amps. Many 7-day digital timers are not rated for 1000W lamps.
- Unplug ballast when changing or removing the lamp. Failure to do so can cause ballast failure or improper diagnosis.

PARTS LIST

1- Phantom DE Wing Reflector
1- Hanging hardware kit
1- Instructions

SPECIFICATIONS

Relamp with 1000 watts
Type K12x30s
400V HPS lamp

LIMITED WARRANTY

Hydrofarm warrants this reflector to be free from defects in materials and workmanship. The warranty term is 1-year beginning on the date of purchase. Misuse, abuse, or failure to follow instructions is not covered under this warranty. This warranty also does not cover any labor associated with installation or removal of the reflector. Hydrofarm will, at our discretion, repair or replace the reflector covered under this warranty if it is returned to the original place of purchase. To request warranty service, please return the reflector, with original sales receipt and packaging, to your place of purchase. The purchase date is based on your original sales receipt. For more detailed warranty information, visit our website.

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