

USER MANUAL

POWERPAR®

4 FOOT LED FIXTURE



PPLF442

OVERVIEW

Thank you for purchasing the **PPLF442** four foot LED Lighting Fixture. It is designed to be an ideal LED light source for propagation (cloning) and seedling growth when working with multiple standard nursery trays. This fixture is sized to light four standard trays in a rectangular configuration. It is suitable for dry and damp locations.

SPECIFICATIONS	
Input voltage	120-240V
Input wattage	155W
Color temperature	4000K
Color rendering index	82
Photon Flux ($\mu\text{mol/s}$):	325
PPE($\mu\text{mol/Joule}$):	2.10
Average rated life	50,000 hrs
Lamp orientation	120 degree
Unit Dimensions	45.39"L x 14.96"W x 3.62"H
Net Weight	16.89lbs/7.66kgs

PARTS LIST

- A - 4 foot light fixture
- B - V-Hooks (x2)
- C - Driver

- D - 8' Extension Cord
- E - 10' Power Cord
- F - User Manual (not shown)



CAUTION

- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and recycle or destroy packing material, as these may be hazardous to children.



WARNING – POSSIBLE RISK OF INJURY TO EYES AND SKIN

Hazardous optical UV, HEV, and IR radiation may be emitted from the light source. Always wear personal protective equipment ensuring complete shielding of skin and eyes. Avoid prolonged exposure and looking directly at light source.

⚠ WARNINGS

- Before installing, servicing, or performing routine maintenance, follow these general precautions.
- For the installation: If you are unsure about the installation or maintenance of this fixture, consult a qualified licensed electrician and check your local electrical code.
- Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.
- Turn off the power and unplug fixture when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire's information label.
- DO NOT remove cover lens, except for cleaning. To clean lens, use a mild soap or detergent (e.g. common dishwashing liquid) and lukewarm water using a clean soft cloth.
- Removal of lens cover other than for cleaning will void warranty.
- DO NOT touch or wipe the LED strips. If cleaning is needed, use only compressed air can (e.g., air can for cleaning computer keyboards) to blow off the dust.
- Manual cleaning or touching of LED strips will void warranty.

HANGING THE FIXTURE

Be sure that the fixture is unplugged from the power source before installation.

1. Install each of the wire hangers into the outside holes on both ends of the fixture (see below). Make sure the wire hangers are fully engaged into the holes.
2. Locate your ceiling joist with a stud finder. If you cannot locate the joist, insert expansion anchors into the ceiling. The anchors (and the hooks used with them) should be rated to hold at least 50 lbs each.
3. Screw an eyebolt, J-hook, or some other means of hanging the fixture securely from the ceiling into the joist or anchor. Screw a second eyehook further down the joist or in an anchor to balance hanging the fixture.
4. Attach a chain, rope, or other sturdy material to the eyehooks (we recommend Hydrofarm's Light Riser, item code HLH1002).
5. Secure the chain, rope, carabiner clips, etc. to the wire hangers.
6. Use a cable tie to secure the power cord to the hanging cord/chain so that the cord's weight doesn't tilt the fixture.
7. Adjust the fixture's height to the desired distance above the plant canopy.
8. Clean any residues/fingerprints from the lens with a soft cloth.

Congratulations. You are ready to power up your high output LED fixture!

WARRANTY



LIMITED WARRANTY

Hydrofarm warrants the **PPLF442** to be free from defects in materials and workmanship. The warranty term is for 5 years beginning on the date of purchase. Misuse, abuse, or failure to follow instructions is not covered under this warranty. Hydrofarm's warranty liability extends only to the replacement cost of the product. Hydrofarm will not be liable for any consequential, indirect, or incidental damages of any kind, including lost revenues, lost profits, or other losses in connection with the product. Some states do not allow limitation on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you. Hydrofarm will, at our discretion, repair or replace the **PPLF442** covered under this warranty if it is returned to the original place of purchase. To request warranty service, please return the **PPLF442**, with original sales receipt and original packaging, to your place of purchase. The purchase date is based on your original sales receipt.

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Thank you for choosing PowerPAR by Hydrofarm. For further information about PowerPAR products, videos, and technical information, please visit Hydrofarm.com

ADDITIONAL LANGUAGES OF THESE INSTRUCTIONS CAN BE FOUND AT Hydrofarm.com



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