

LED DRIVER CHANGE

STEP 1

Unplug the LED 4.0 Grow Light fixture and place on a proper work space with the pods facing down.

STEP 2

Unscrew the two larger screws that hold the LED Driver in it's place and gently pull the driver from the fixture. (Fig 1)

STEP 3

Carefully pull the wire harnesses apart to disengage the male and female ends. Once these are apart you can completely remove the driver (Fig 2)

STEP 4

Plug your new driver back into the wire harnesses on the fixture opposite of how you have just disengaged the one you just removed. Please make sure the wire harness connection is tight.

STEP 5

Place LED Driver back into it's place from Step 1 and screw back into fixture. (Fig 3)



Fig 1



Fig 2



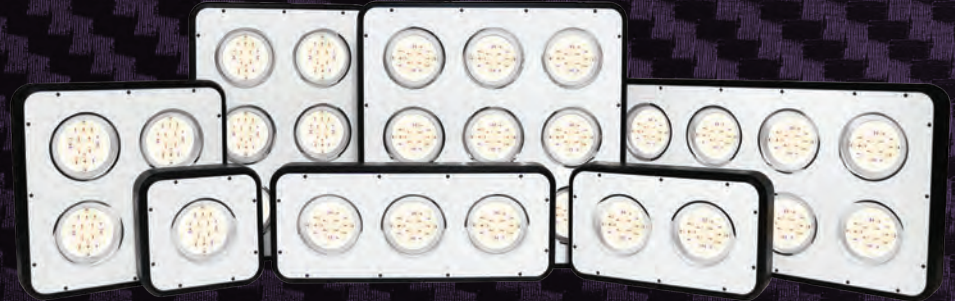
Fig 3

OPERATION AND MAINTENANCE

- Do not get LED unit wet and avoid excessive moisture.
- Keep fans clean of debris. Do not block fan airflow.
- Replace POD and DRIVER with HTGSUPPLY approved parts only
- To protect eyes, do not look directly into the LED.
- Do not operate in extreme heat or cold conditions



LED 4.0 GROW LIGHT

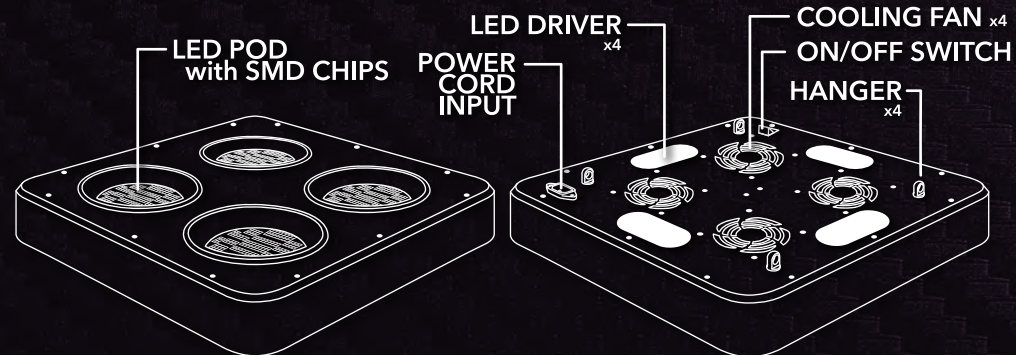


INSTRUCTION MANUAL

Thank you for purchasing the 4.0 LED Grow Light system from HTG SUPPLY! With 34% higher PPF* than our previous 3.0 generation, the 4.0 version of our popular modular LED system is the most technologically advanced LED grow light we have ever produced! Our innovative and interchangeable 4.0 POD design features a state of the art Surface Mount Diode (SMD) chip array with full-spectrum 3000K and 5000K chips combined with strategically placed 660nm red and 440 nm blue diodes to maximize photosynthesis to drive your plant's growth and for maximum yields.

**Photosynthetic photon flux (PPF) measures the total amount of PAR that is produced by a lighting system each second*

PRODUCT OVERVIEW



STEP 1 Inventory Items

- 4.0 LED Grow Light unit
- Hanging Hardware
- Power Cord
- Instruction Sheet

STEP 2 Attaching the Hanging Hardware



STEP 3 Attaching the Power Cord



STEP 4 Hanging the Grow Light over Garden Canopy

Depending on the model you have purchased and the desired intensity and size of your garden will all determine how high above the canopy to hang your 4.0 LED Grow Light. In general, we recommend you suspend your light 12" - 36" above your plant canopy.

TIP: To help determine how far above your canopy you should hang the light we encourage you to observe the light spread, or footprint, over your garden and raise or lower it to make sure your entire grow area is being saturated. It may help to determine this area by suspending your grow light over a clear area on the floor and figuring out how high above the floor the light needs to be to cover the same area as your garden canopy.

STEP 5 Energize!

Use the on/off switch to energize your LED grow light and start growing!

MAINTENANCE & UPGRADES

The LED 4.0 Grow Light has been designed and engineered to allow for easy maintenance and upgrades! The only tool you should need is a Phillips Head Screwdriver to perform a POD or LED DRIVER change.

POD CHANGE:

Changing the light POD to upgrade to new LED technologies is quick and easy!

REPLACING A POD

STEP 1

Unplug the LED 4.0 Grow Light fixture and place on a proper work space with the pods facing down.

STEP 2

Unscrew the 4 screws on the top of the fixture that coincide with the POD you are replacing. (Fig 1)

STEP 3

Once the screws are removed, turn the unit over and the POD can be pulled outward from the fixture. (Fig 2)

STEP 4

Carefully pull the wire harnesses apart to disengage the male and female ends. (Fig 3) Once these are apart the POD can be completely removed.

STEP 5

Plug your new pod back into the wire harnesses on the fixture opposite of how you have just disengaged it from the fixture. Please make sure the wire harness connections are tight.

STEP 6

Put the POD back into the fixture, turn it over and replace the screws from Step 2.



Fig 1



Fig 2



Fig 3