

45W LED Grow Panel

USER INSTRUCTIONS

LED Grow Panel Series

Model:X45



Best led grow light

SAFETY INFORMATION

Dear Valued Customers:

Thank you for choosing our products! Your decision to purchase our grow panel which will reward you with a high-grade product bringing joy to you and your plants. Please read this instruction carefully before using your lights.

Important safety information:

Indoor use only: Not water-proof , make sure the LED grow light in dry and ventilated environment.

Do not touch the surface of lights when light is on. The heat is conducted by the light body.

Repairing: If your light needs after sales service, please contact us directly. Opening the light to inspect or repair without our permission will affect your existing warranty.

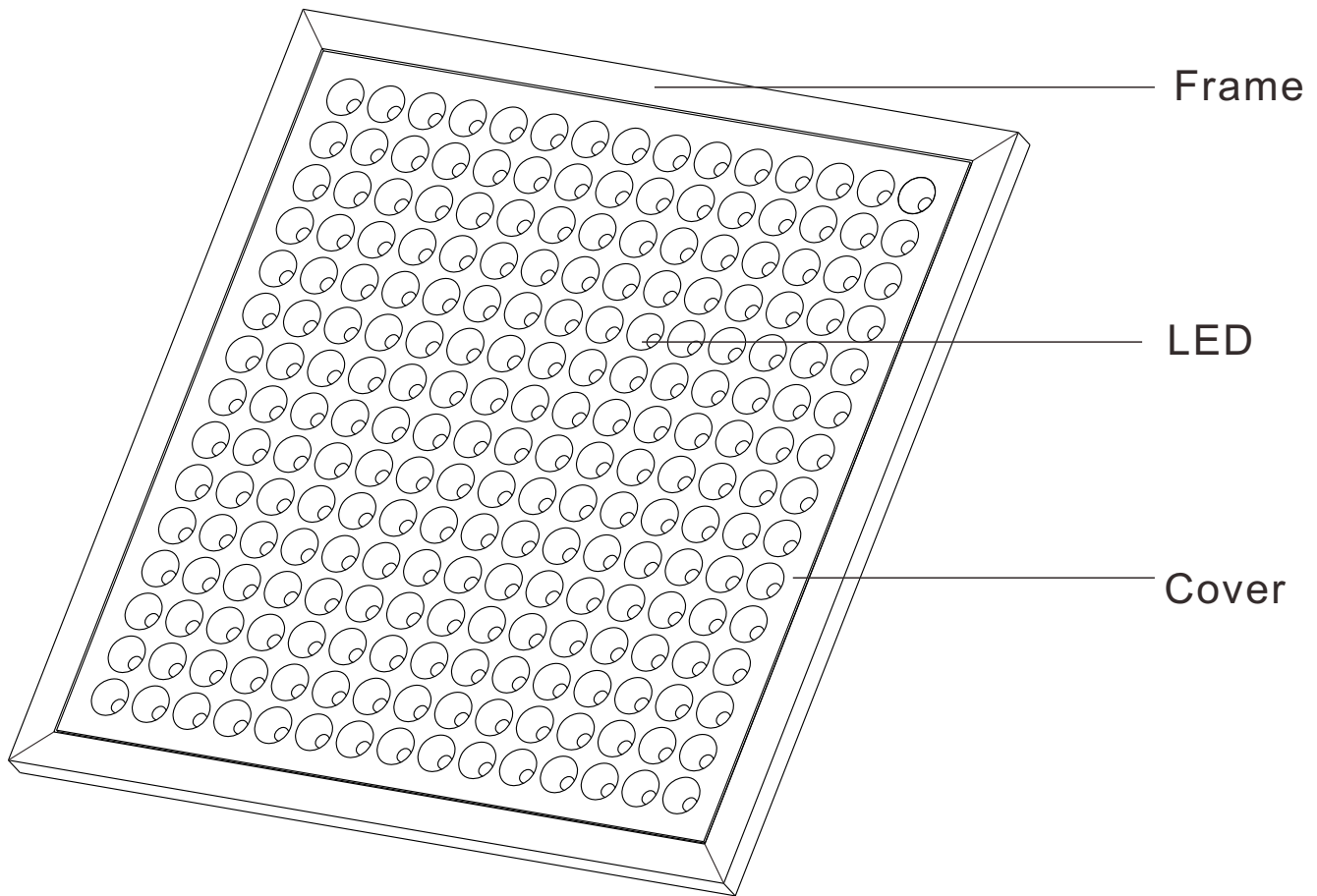
Cleaning: When cleaning the outside of your light and it's components , shut down your light firstly, then unplug the power cord. Then dampen a clean, soft , lint-free cloth to wipe the light.

Extremely bright; Do not look directly at the LED light when it is operating.

Keep away from any heat source

Turn off the power before the installation

SPECIFICATIONS



Specification

Model:	X45	HID Replacement	100WHPS/MH
LED Power:	45W	Max. Coverage:	2X2ft
Avg. Power Draw:	36W	Core Coverage:	1X1ft
LED Qty:	225Pcs	Use for:	All Stages
Total Harmonic:	<15%	Dimension:	13"x13"x0.4"
Input Voltage	AC110V	Item Weight:	2lbs
Frequency:	50-60Hz	Lifespan:	50,000hrs

Package includes:

- 1x X45W LED Grow Panel Light
- 1x Hanging Kits
- 1x Instruction

USING SUGGESTIONS

You can use this light for the whole stages growing and flowering like many other growers did. Just need to adjust the height according to desired of different plants.

Installation: Using the hanging kits in the package, hook them into the top of the light, hanging the light to a hard, stable bracket or the ceiling of grow tents. You can also buy our YOYO hanger that allow you to adjust the height of your light to a proper position.

Hanging Height: For seedlings, we recommend being very careful with a 36" - 40" height, After a week or two, bring down to 24" through the rest of veg. For flowering stage, bring down to 15"-18". Adjust height according to desired coverage and how well the individual strain of plant and be receptive to what they're telling you. if the leaves are pointing hard towards the light, they love it !Give them more! If they shay away and look limp or unhappy and yet ALL your other environmental variables are correct , back off with the light! They'll let you know very quickly how they feel. This is of course... the key to horticulture in general....

Time. We would recommend running the lights in an 18 on/6 off type of light pattern for any vegetative growth of any plant.

How many lights. This light is designed to cover a 1 by 1 feet area. There is no one size fits all answer to this question, you can always add another light if the plant desire more lights.

PHOTOSYNTHESIS

Output Spectrum Test Report

Light Source Test Report

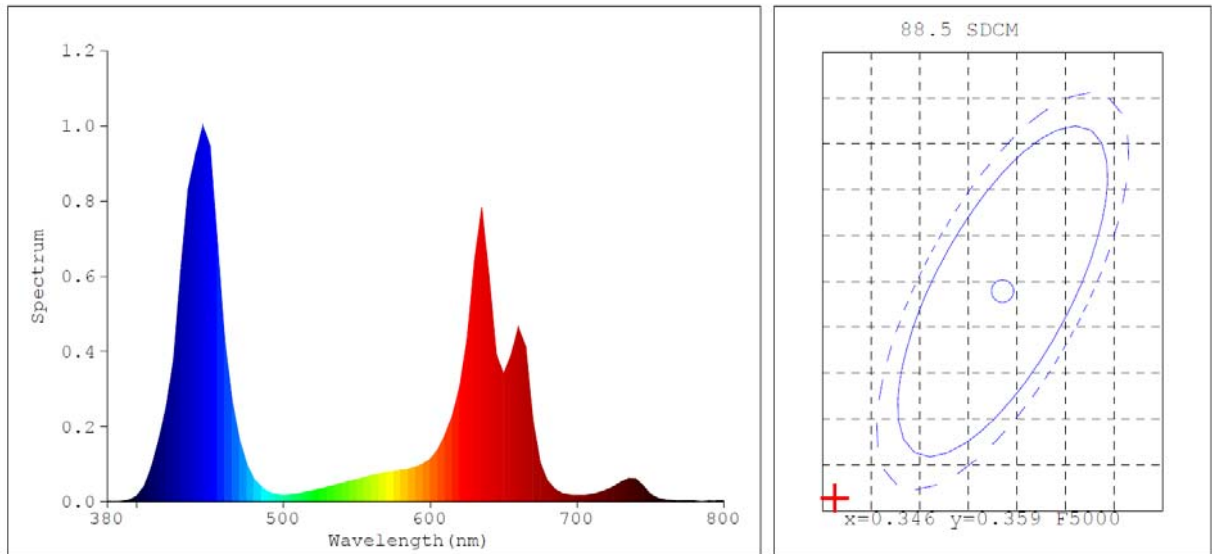


Photo Parameters

Flux: 1199.2lm, Effi.: 33.31m/w Radiant:52191.8mW Iv:0.0cmd

Ele. Parameters

Voltage: U=120.00V

Current: I=0.30A

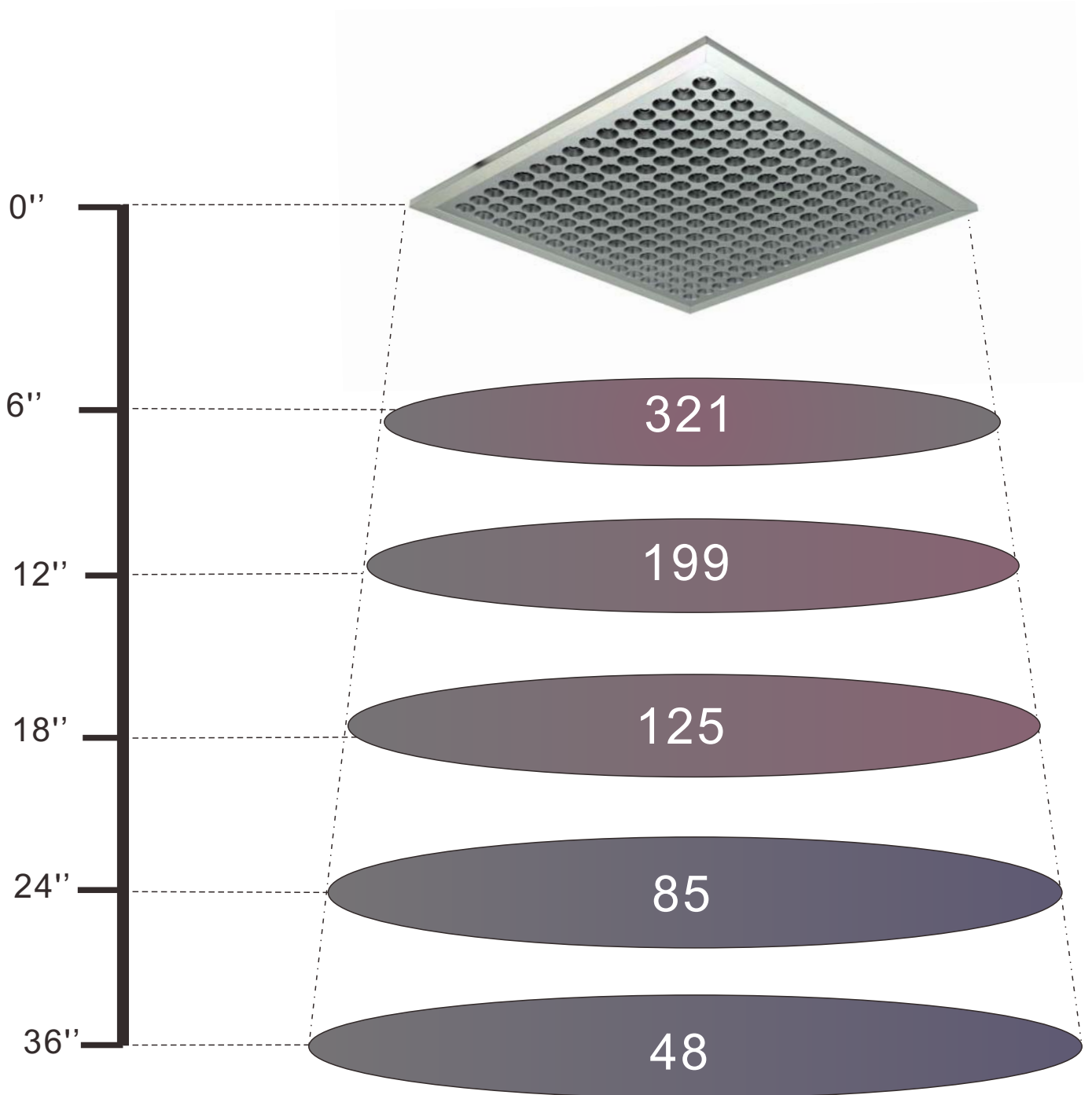
Power: P=36.70W

Power Factory:0.992

The X45 effectively replaces a conventional 100w HPS grow light while only consuming 36 watts of actual power, while giving your plants 100% usable light that is perfectly tuned to create maximum photosynthetic response. The grow panel is our most popular light thanks to it's blend of power and affordability. It's perfectly suited in all situations from closet grows to a full scale larger operation using multiple units to achieve full coverage. Herb or vegetable gardens will also excel under the X45.

The secret to the X45 success is combining an optimal blend of 6 different bands of complete light spectrum all the way from the depths of UV to the upper IR - giving your plants exactly the finely tuned spectrum that they need.

PAR VALUE($\mu\text{mol m}^{-2} \text{s}^{-1}$)



Plants do not even recognize what the lumen is, but instead rely on photons hitting the surface of the leaf to make them grow. These photons we call PAR (photosynthetic active radiation). PAR is measured in micro moles ($\mu\text{mol m}^{-2} \text{s}^{-1}$) and is basically a count of the photons hitting a surface that are available for use by the plants.

WARRANTY TERMS

1. We offer two years warranty for all of our products purchased against manufacturing defects, from the date of purchase. If you need warranty assistance, please contact us as soon as possible.
- 2, The warranty does not cover damage due to high moisture levels, water, power surges, improper hanging mounting, improper use, dust build-up or user modifications.
- 3, In the USA, if any lights stop working within 30 days, you can choose:
 - (A) Exchange. We will send email to you for pre-paid return label, please ship the light back to our USA warranty center. A replacement will be sent to you for free as soon as we received the defective light.
 - (B) Money Back. We will send mail to you with a pre-paid return label, please ship the light back to our USA warranty center. You will get your money back as soon as we received the defective light.
 - (c) Repairing . We can send parts to you with free of charge immediately if you would like to repair the light. Or we will send mail to you a prepaid return label to bring light back. then ship back to you after we repaired it . All for free.
4. For buyers outside of USA. If any light stop working within 30 days. You can choose:
 - (A) Exchange. We will send email to you for pre-paid return label, please ship the light back to our USA warranty center. A replacement will be sent to you for free as soon as we received the defective light.
 - (B) Money Back. We will send mail to you with a pre-paid return label, please ship the light back to our USA warranty center. You will get your money back as soon as we received the defective light.
 - (c) Repairing . We can send parts to you with free of charge immediately if you would like to repair the light.
5. If a light is sent back with damage that is not covered under warranty. We may still be able to do warranty service, however that is at our discretion and repairs may bear the cost which will be assessed prior to repairing the light.
6. Our company reserve the interpretation right of this warranty structure. If you have any questions about the warranty policy, please contact with us.

Warranty CARD

Purchase date:

Email:

Name:

Phone:

Address:

Issue brief description: