

LED GROW LIGHT-AYZ SERIES

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This series grow light emits all the wavelengths of light which can be fully absorbed by the plants to create photosynthesis and promote healthy growth budding and flowering. This series have 1 head to 16 heads COB light, it will give you more options when your plants need different strength of illumination.



FEATURES

- Most efficient for photosynthesis NEW Full spectrum
- Building to Harvest: Beneficial for seeding to fruiting stage
- Unique cool system: Less heat, More growth
- New lens gives more PAR value and deeper penetration Long life span: The average life span is about 50,000 hours
- Top quality fans, noise free
- Energy Saving, environmental friendly

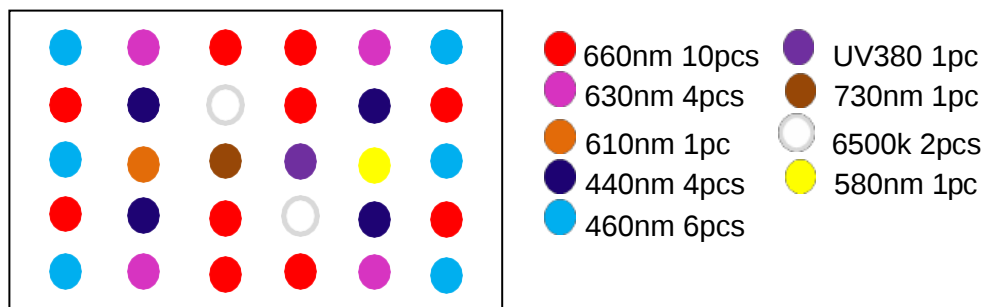


PRODUCT SPECIFICATION

Product	GL-A50W AYZ	GL-B100W AYZ	GL-C200W AYZ	GL-D300W AYZ	GL-E450W AYZ	GL-F800W AYZ
Dimension	6.5" x 13.6"x 2.5"	13.6" x 13.6"x 2.5"	13.6" x 13.6"x 2.5"	26.5" x 13.6"x 2.5"	26.5"x 26.5" x 2.5"	31.2"x 31.2" x 2.5"
Actual Wattage	50W	100W	200w	300W	450W	800W
Weight	5.6lbs	7.5lbs	13.2lbs	16.8lbs	18.4lbs	21.2lbs
LED Quantity	2pcs x 108w COB LED	3pcs x 108w COB LED	4pcs x 108w COB LED	6pcs x 108w COB LED	9pcs x 108w COB LED	12pcs x 108w COB LED
Luminous Flux	1860LM	3650LM	7280LM	10080LM	13650LM	17250LM
Frequency	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Wavelength range	370nm-850nm	370nm-850nm	370nm-850nm	370nm-850nm	370nm-850nm	370nm-850nm
Input Voltage	100-240V AC Power Input	100-240V AC Power Input	100-240V AC Power Input	100-240V AC Power Input	100-240V AC Power Input	100-240V AC Power Input
Ratio	Full spectrum	Full spectrum	Full spectrum	Full spectrum	Full spectrum	Full spectrum
Par value / 200nm	1829.2 umol	1829.2 umol	1829.2 umol	1829.2 umol	1829.2 umol	1829.2 umol
Lifetime	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs
R/T	-20°C~ +40°C	-20°C~ +40°C	-20°C~ +40°C	-20°C~ +40°C	-20°C~ +40°C	-20°C~ +40°C

200w actual usage proven 9 spectrum power blend flowering mix

Full spectrum: UV380 IPC, IR730 IPCS, 6500K 2PCS, 440NM 4PCS, 460NM 6PCS, 580NM IPCS, 610 NM IPC, 630NM 4PCS, 660NM 10PCS

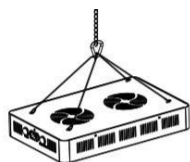


All color spectrums shown as above.

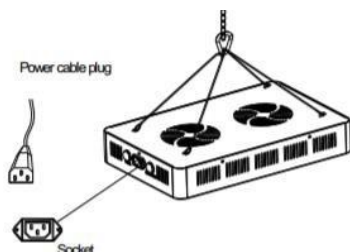
INSTALLATION INSTRUCTIONS

Setting up your fixture:

1. It's is very simple to install, no tool needed. Hook up the clips with the hangers on four corners of fixture.



2. Plug in the power cord to back of the fixture and ground cord. If multiple fixtures work at the same time, please consider the power consumption.



3. The fixtures should be ready to work by switching the green button.
4. The fixture should be hanged above plant at proper distance. The higher you hang the broader coverage area but weaker the intensity. In the adjustment period, which is very first 3-7 days, distance between plants and fixture should be 48 inches. After that 40-36 inches are recommended. No matter what we suggest keeping minimum distance at 36 inches.

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FAQ .

Q: What is the ideal distance between the light and my plants?

A: We suggest the ideal distance is 48-36". Some high lights use strains, so it can be little closer to plants, but We recommend that no closer than 36".

Q: does the light compatible with 240 voltages?

A: Yes, our light is compatible from 100v to 240v.

Q: Can I move my plants from HPS or fluorescents light straight to LED?

A: Yes, you can. However, since LED has different type of light to HPS and fluorescents. In the beginning your plants may undergo a discoloration on upper leaves of your plants. This can be minimized by hanging the fixture above 48" high from the plants. It also takes 3-7 days for plants to acclimate under new light. If any discoloration still happens when you move the fixture closer to your plants, please move back up 6"

Q: Should I wear a pair of protective glasses in indoor gardening room that full of light?

A: Yes, these lights are just like sunlight, might cause harm to your eyes. We suggest wearing a pair of color correction glasses.

Q: I find some of my leaves on the top curling and bleaching? What's going on?

A: It's because your plants haven't completely acclimated the amount of lights. Try move the fixtures back up 6", and everything will be fine.

Q: Is it true that when using LED light, the room temperature should increase?

A: Yes, as LED light emit less heat than HPS and Fluorescent light. It will slow down the transpiration and Metabolic process in the leaf. Increase room temperature to 82-85 F° making a perfect environment for plants.

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Q: Does Co2 still allow working with LED fixtures in indoor grow room?

A: Of course, it does. In fact, 82°F-85°F are the best temperature for plant to absorb Co2.

Q: Why does my light footprint looks so small?

A: Footprint area is determined by the height between fixtures and plant. if you follow our recommended height, Your footprint coverage area should be fine. Our recommended height is for average light use plant, if you Are growing high light use plant, the effective footprint will be smaller.

Q: What's the ideal distance between my fixture and my plants?

A: In the first 3-7 days, we suggest you set at 48" high. After that bring it down 6" at a time until you reach 36". If you find curling, bleaching etc. on your leaves, please move back up 6". That will be the ideal spot For your plant's life cycle.