

# FLEXSTAR®



Remove Watermark



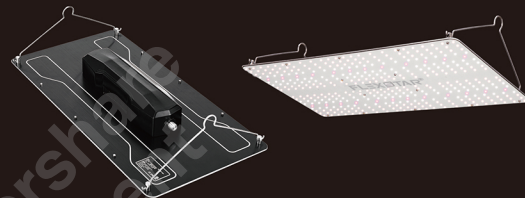
Wondershare  
PDFelement

## FLEXSTAR

### LED GROW LIGHT INSTRUCTION MANUAL



## 240W DIMMABLE LED GROW LIGHT INSTRUCTION MANUAL



### IMPORTANT SAFETY INFORMATION



Please read the following information carefully before using. Failure to observe these safety instructions may result in serious injury and will release FLEXSTAR of all liability and void all product warranties.

#### Important safety information:

**Handling.** Set up our light in the operating environment that allows for adequate air circulation. Never let objects into the ventilation openings.

**Indoor use only.** Non-waterproof, protect your lights from dampness. Do not expose to water drip or spray. Do not expose the lights to physical harm such as impact or severe environmental conditions. Working temperature is -20°C (-4°F) to 40°C (104°F).

**Power cord.** Your AC cord has a three-wire grounding plug (a plug that has a grounding pin). This plug fits only a grounded AC outlet. If you're unable to insert the plug into an outlet because the outlet isn't grounded, contact a licensed electrician to replace the outlet with a properly grounded one.



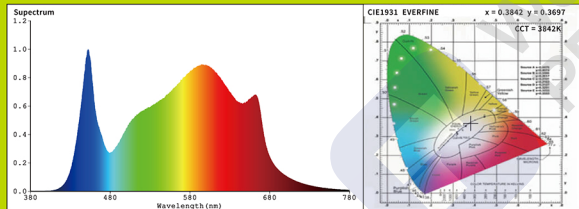
Repairing. If there is something wrong with your light, please contact us. Opening the light to inspect or repair with permission will not affect your existing warranty. However, if you open the light or install items in it without our permission, you risk damaging your light. This type of damage isn't covered by the limited warranty.

Cleaning. When cleaning the outside of your light and its components, first shut down your light, then unplug the power cord. Then dampen a clean, soft, lint-free cloth to wipe the light. Avoid allowing moisture in any openings.

Warning. LED grow lights can cause eye damage. Avoid looking directly at the lights when they are on. Use shielding and light blocking glasses to protect your eyes.

## PHOTOSYNTHESIS

Output Spectrum Test Report



## PACKAGE INCLUDES

- 1 x 240W LED grow light
- 1 x Power Cord
- 1 x Unstruction Manual
- 2 x RJ11 3 way telephone cable splitter

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[ TOP VIEW ]



[ FLAT VIEW ]

Light Source	Samsung LM301H
Spectrum	Full Spectrums; 380nm-780nm, rich 660nm
Input power	240W/100-277V
Frequency	50-60HZ
Fix Dimensions	23.5" L x 11.8" W x 2.9" H 59.7cm L x 30cm W x 7.5cm H
Weight	11.02lbs / 5kg
Energy Efficiency	2.3umol/J
Dimming	40% / 50% / 60% / 80% / 100% / EXT(0-10V) / OFF
Lifetime	L90: >54000hrs
Power Factor	>92%
Certifications	ETL&CE&IP65
Warranty	3 Year Standard Warranty

## MAX AMPERAGE VOLTAGE SERVICE

VOLTAGE	120V	208V	240V	277V
AMPERAGE	1.666A	0.961A	0.833A	0.722A

## APPLICATION

SUGGESTED HANGING DISTANCE & SUGGESTED LIGHTING TIME

Stage	Distance		Time	Wattage
	Inch (in)	Centimeter (CM)		
Germination	24-30	61-76	18 Hours ON	50%
Seeding	24	61	16 Hours ON	50%-75%
Veg	18-24	46-61	18 Hours ON	75%-100%
Flower	12-18	30-46	12 Hours ON	100%

Note: This suggestion is for reference only, and can be freely adjusted according to the actual situation.

Set at high power of LED and high away from the plant, it covers more area. Or set to a lower power and close to the plant, it covers less but is more eco-friendly.

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