

PROFESSIONAL USER MANUAL

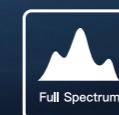
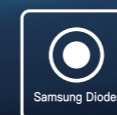
DC SERIES 600 / 1000 / 1200 / 1500 / 2000 / 3000 / 4000



 GET IN TOUCH

 support@bestvaled.com

 bestvaled.com



DEAR CUSTOMERS

This is BESTVA, thank you for purchasing our DC Series product, we hope you have a good shopping experience.

If you met any other issues , please feel free to contact the customer after service team, we will always been here to help you.

The damaged within shipping way please contact us or Amazon on time , we will solve it at one time.

Sincerely

BESTVA

INTRODUCTION

The BESTVA DC Series LED Grow Light built in double chips and optical lens technology which suitable for all stages of a greenhouse or in climate-control rooms. Safety and environmental protection in our lights as they do not cause or contain pollution or harmful substances. It is the most choice for growers. In order to let you experience the product swimmingly, detailed instruction. We provided the product details, usage and other data. Please read the instruction carefully before using this product.

Contact us: support@bestval.com



BESTVA DC SERIES

1000 / 1500 / 2000 / 3000 / 4000

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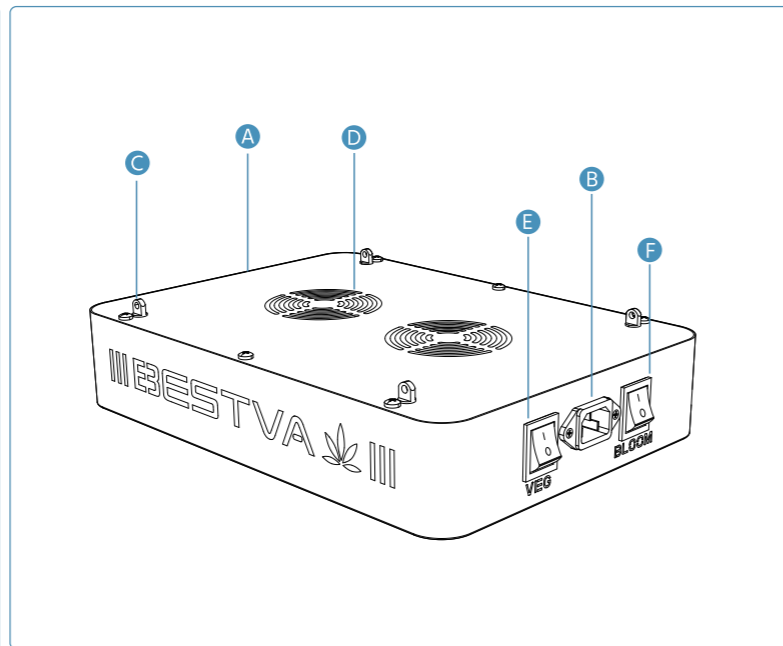
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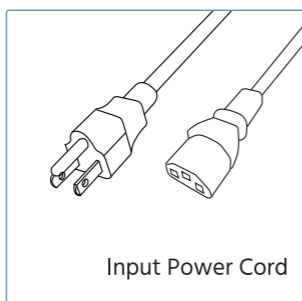
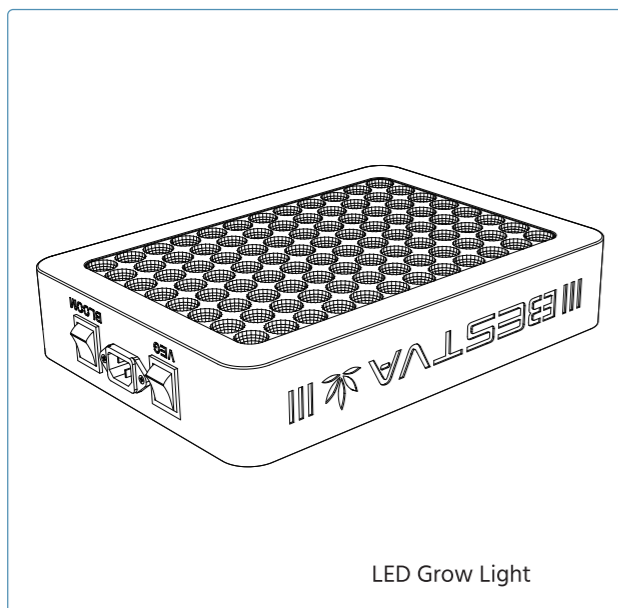
1. PRODUCT DESCRIPTION

1/1 Product Overview

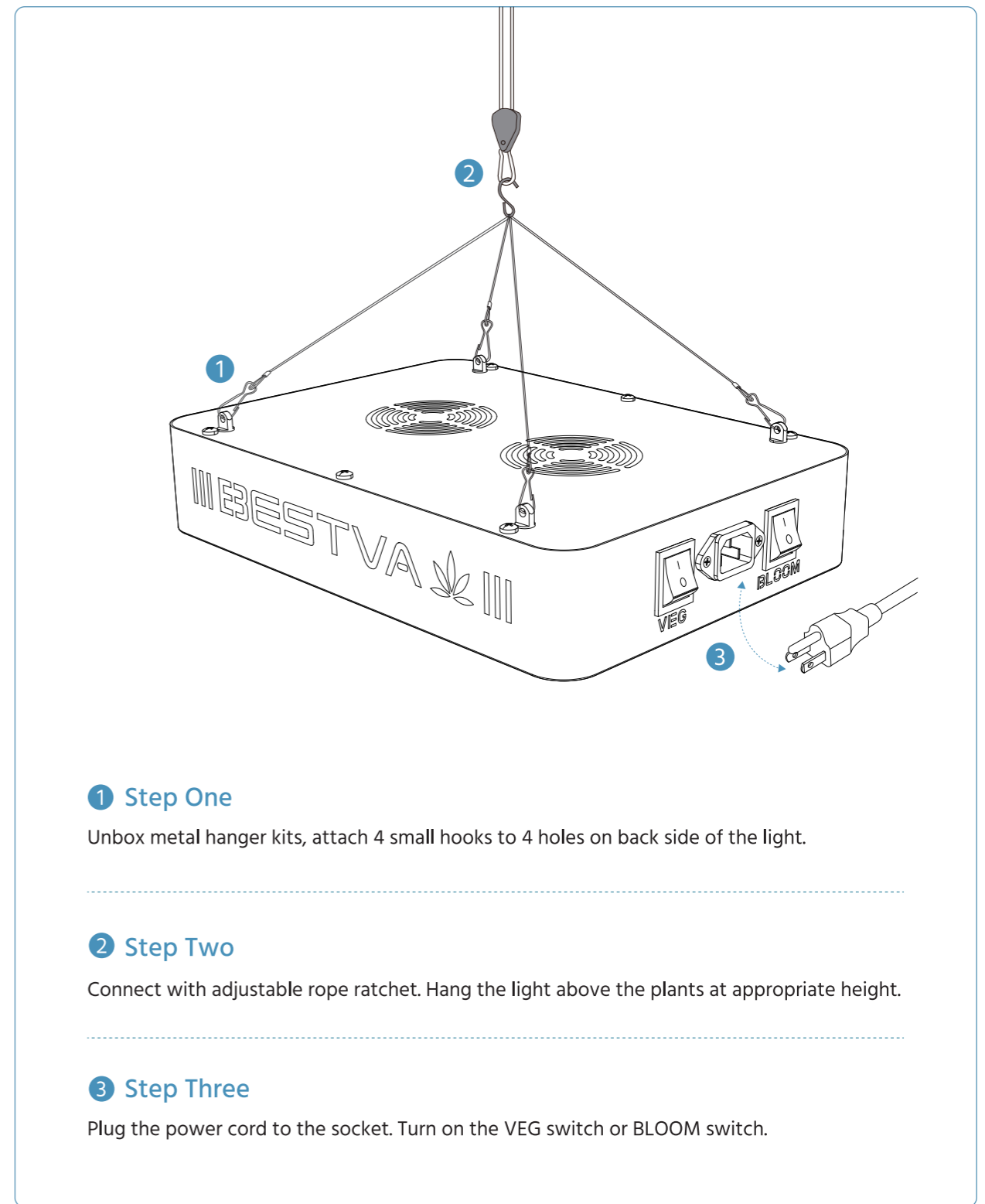
- A Light Board
- B Input Power Cord
- C Sling Hanging Hole
- D Cooling Fan
- E Veg Switch
- F Bloom Switch



1/2 Package Include



1/3 Assembly Installation



1 Step One

Unbox metal hanger kits, attach 4 small hooks to 4 holes on back side of the light.

2 Step Two

Connect with adjustable rope ratchet. Hang the light above the plants at appropriate height.

3 Step Three

Plug the power cord to the socket. Turn on the VEG switch or BLOOM switch.

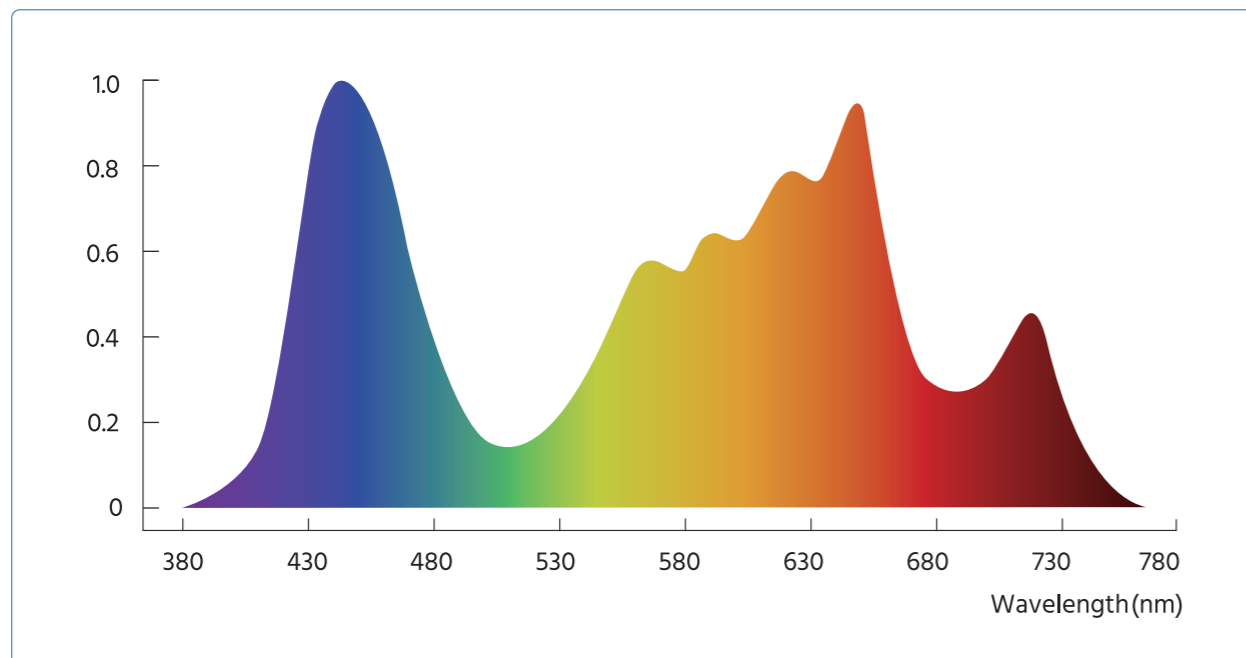
1/4 430~730nm Simulate Sunlight

Contains UV light, visible light, and IR light, and the ratio of red, green and blue in the visible light part is similar to sunlight, and 10w double-chips will be more brighter and bigger.

 1800K Red Light boost plants fruiting	 3000K Warm White Light simulate morning sunlight	 5000K White Light simulate daily sunlight
 460nm Blue Light boost seedling growing	 660nm Red Light boost plants blooms	 730nm IR Light boost plants yields

1/5 Full Spectrum

Our DC series provides your plants with 12 band wavelengths required for precision crop growth. VEG and BLOOM model is fully adjustable to lighting conditions according to your crop need. Meet the light needed all stages of plant growth.



1/6 Samsung LM301B LEDs

BESTVA LED grow light adopts the latest high-quality LEDs technology-Samsung LM301B diodes, high energy efficiency with 2.7 umol/J, delivers powerful light output and uniform canopy penetration to resulting 50% higher yields. Costing less bill than the traditional HPS and SMD lights.

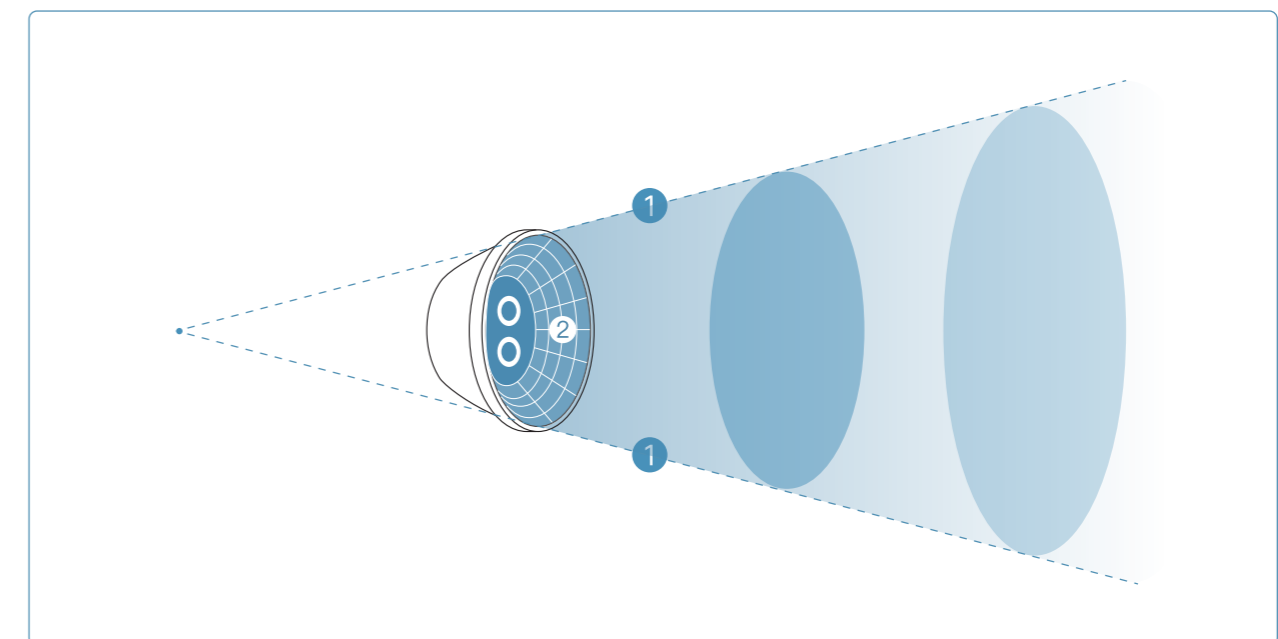
SAMSUNG LM301B

The most safety and high quality LED chips in the market.



1/7 Optical Lens

- 1 We adopt optical lens technology (better than reflector series), decrease 30% light decay with higher PAR than any other brands on the market.
- 2 Due to the reflection make the light source focus twice and collect all light, the light penetration will be stronger and further.



3. USING SUGGESTION

3/1 Planting Related

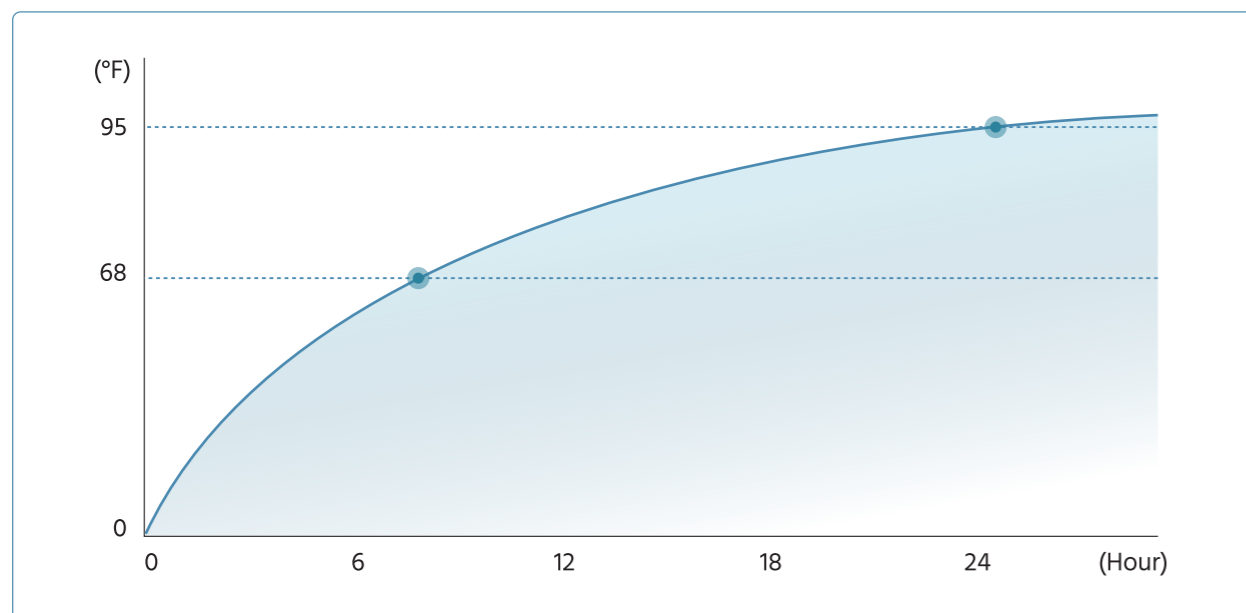
Plant Stage	Seedling	Vegetative	Flowering	Fruiting
Switch Choice	VEG	VEG	BLOOM	VEG&BLOOM
Lighting Time	15-18 h/d	15-18 h/d	12-14 h/d	12-14 h/d
Hanging Height	24-30 Inches	18-24 Inches	12-18 Inches	12-18 Inches

Choosing the switch mode flexibly, adjusting the hanging height and lighting time according to your plants needs , our parameters only for reference.

3/2 Use Environment

This product is intended to be used in greenhouses and climate-control LED rooms and can be used in damp environments.

- ✘ Please **DO NOT** use this product outdoors and do not expose it to water.
- ✔ The LED fixture works at optimal capacity when the ambient air temperature is between **68~95°F/20~35°C**.




4. SAFETY RECOMMENDATIONS

- Do not use the light when either the LED fixture or its power cord are damaged. Please make sure all the fittings are in the box and make sure there is not any damage on the box.
- Do not use sulfur vaporizers or water misters. Please keep the light in a dryer environment as much as possible.
- Always allow for cooling down period of at least 30 minutes before touching the LED board.
- Please regularly check the LED light for dust or dirt build up. Clean as necessary. Clean the outside of the LED light using a dry cloth.
- Store the LED fixture in a dry and clean environment, with an ambient temperature of **-4~185°F/-20~85°C**.
- The product must not be discarded as unsorted municipal waste, but must be collected separately for the purpose of treatment, recovery and environmentally sound disposal.

5. WARRANTY

- We offer 3-Years warranty and free returns and money back for customers within 30 days for all of our lights from the date of purchase. If you need warranty assistance, please email us as soon as possible.
- We offer free shipping parts to repairing within 180 days from the date of purchase. If it is over 180 days, the buyer should pay the shipping cost. And the warranty doesn't cover damage due to high moisture levels, water, power surges, improper hanging/mounting, improper use, dust build-up or user modifications.
- If some parts was damaged that it is not covered under the warranty, please also contact us. You should only pay the shipping fee that we will ship the replace parts to you avoid waste.
- Our company reserve the interpretation right of this warranty structure. If you have any questions about our warranty policy, please contact us.

2. PRODUCT SPECIFICATIONS

Model	600W	1000W	1200W	1500W	2000W	3000W	4000W
Product image							
Actual Wattage—OH (110V)	130	145	165	195	275	375	450
Color Temperature	460nm 660nm 730nm 1800K 3000K 5000K	460nm 660nm 730nm 1800K 3000K 5000K	460nm 660nm 730nm 1800K 3000K 5000K	460nm 660nm 730nm 1800K 3000K 5000K	460nm 660nm 730nm 1800K 3000K 5000K	460nm 660nm 730nm 1800K 3000K 5000K	460nm 660nm 730nm 1800K 3000K 5000K
Color Rendering Index (CRI)	>80	>80	>80	>80	>80	>80	>80
Lumen Maintenance (lm)	3260	3870	4065	4350	6680	8200	10000
PPF (μmol/s)	351	391.5	405	445.5	742.5	985.5	1215
PPE (μmol/J)	2.7	2.7	2.7	2.7	2.7	2.7	2.7
PPFD(μmol/m ² /s) 18"	1100	1300	1420	1500	1700	2000	2200
PPFD(μmol/m ² /s) 12"	1780	2000	2130	2300	2500	2700	3000
PPFD(μmol/m ² /s) 6"	2530	2800	2910	3000	3300	3600	3800
Input Voltage (V)	AC85–265V	AC85–265V	AC85–265V	AC85–265V	AC85–265V	AC85–265V	AC85–265V
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Input Current (mA)	540–1300	600–1450	620–1500	680–1650	1140–2750	1520–3650	1870–4500
Power Factor (PF)	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95
Housing/Cover Temperature (°C) (@25°CRT)	55	55	55	55	55	55	55
Operating Temperature (°C)	-10–45	-10–45	-10–45	-10–45	-10–45	-10–45	-10–45
Driving Power Protection For Overheat	YES	YES	YES	YES	YES	YES	YES
Product Material	AL	AL	AL	AL	AL	AL	AL
Power cord	US Power Cord	US Power Cord	US Power Cord	US Power Cord	US Power Cord	US Power Cord	US Power Cord
Product Dimension (mm)	275x225x72	320x225x72	360x225x72	406x225x72	538x225x72	516x291x72	670x291x72
Product Weight (kg)	1.8	2.15	2.2	2.7	3.7	4.5	5.5