



## USER MANUAL

PRO SERIES 1000 / 2000 / 4000



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## DEAR CUSTOMER

Thanks for purchasing our **BESTVA Pro Series** LED grow light. This manual describes the instructions for the usage the products, the operation process of the product, and the configuration instructions. Please read and understand this manual in its entirety before using the product.

### CONTACT US:

Amazon sales Service: [bestvagrow@outlook.com](mailto:bestvagrow@outlook.com)  
Website sales Service: [support@bestvaled.com](mailto:support@bestvaled.com)

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## PRODUCT DESCRIPTION

The BESTVA Pro Grow Light consists of high quality SAMSUNG chips and a MEAN WELL driver to be used in 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.

## CONTENTS

A. LED grow light x1

B. Eye glasses x1

C. Input power cord x1

D. Metal Hanger x1

E. Adjustable hanging rope x1



A



B



C



D



E

## USING SUGGESTIONS

### 1. Coverage for your grow tent size

**PRO 1000W:** Vegetative Coverage at 18": 2.8x2.8ft; Flowering Coverage at 14": 2.5x2.5ft.

**PRO 2000W:** Vegetative Coverage at 20": 4.5x4.5ft; Flowering Coverage at 16": 4x4ft.

**PRO 4000W:** Vegetative Coverage at 24": 7.5x7.5ft; Flowering Coverage at 20": 6x6ft.

### 2. Hanging Height Suggestion

Dimmable brightness make growing more easier & Higher Quality Yields & Lower Running Costs.

#### Germination Stage

60% brightness  
15-18 hrs a day



#### Vegetative Stage

80% brightness  
15-18 hrs a day



#### Flowering Stage

100% brightness  
12-14 hrs a day



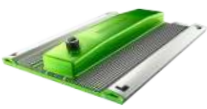

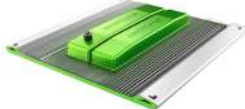
#### Fruiting Stage

100% brightness  
12-14 hrs a day

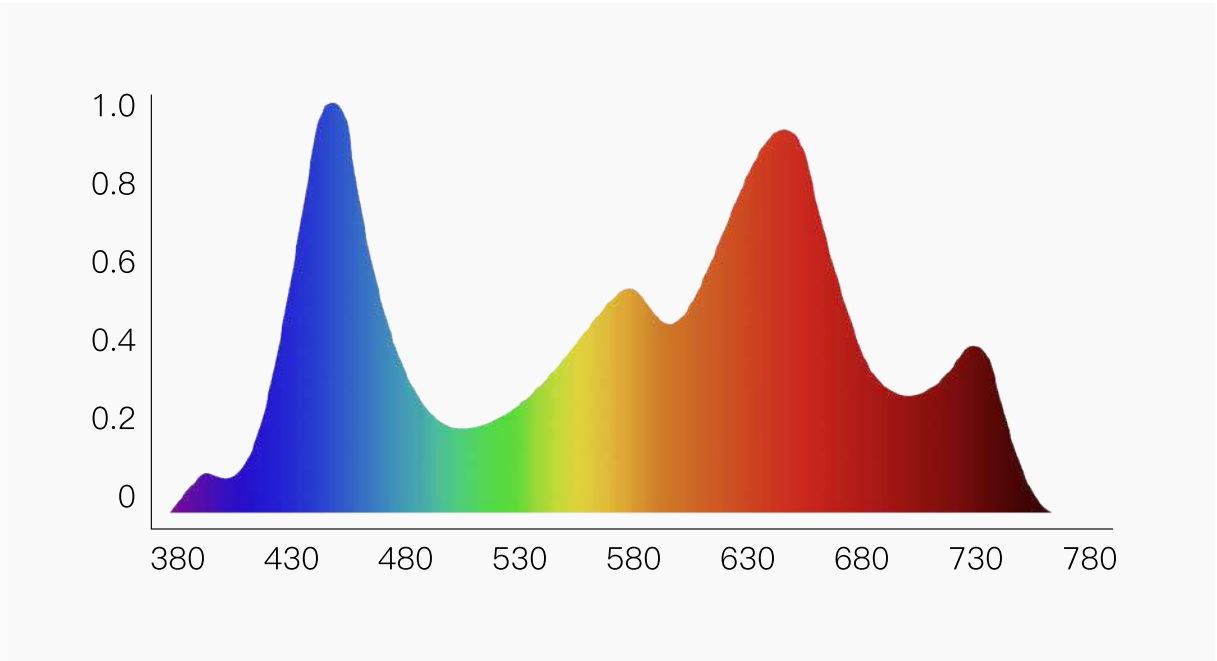


PRODUCT SPECIFICATIONS & USE ENVIRONMENT

1.Technical Specifcations

Model	P1000W				P2000W				P4000W			
Product Image												
Actual Wattage-0H (110V)	105				210				415			
Dimmable (Yes/No)	YES				YES				YES			
LED Chip Type	LM301B,3V200mA,2V350mA				LM301B,3V200mA,2V350mA				LM301B,3V200mA,2V350mA			
Chips Supplier	SAMSUMG,DERUNDA				SAMSUMG,DERUNDA				SAMSUMG,DERUNDA			
Color Temperature	3000K	5000K	660nm	730nm	3000K	5000K	660nm	730nm	3000K	5000K	660nm	730nm
LED Chip Qty	142	66	14	2	288	128	28	4	544	296	64	8
LED Total Chip Qty	224				448				912			
Color Rendering Index (CRI)	> 80				> 80				> 80			
Lumen Maintenance (lm)	16300				30400				65600			
Typical Photon Flux (μmol/s)	304.5				609				1203.5			
PPE (μmol/J)	2.9				2.9				2.9			
PPFD (μmol/m²/s) 24"	532				625				756			
PPFD (μmol/m²/s) 18"	756				816				1126			
PPFD (μmol/m²/s) 12"	961				1356				1922			
PPFD (μmol/m²/s) 6"	1520				2296				3015			
Input Voltage (V)	100–240VAC				100–240VAC				100–240VAC			
Frequency (Hz)	50/60				50/60				50/60			
Input Current (mA)	450–1000				890–2100				1780–4200			
Power Factor (PF)	>0.95				>0.95				>0.95			
Cover Temperature (°C)	55–101				55–101				55–101			
Operating Temperature (°C)	–10–45				–10–45				–10–45			
Driving Power Protection	YES				YES				YES			
IP Rating	IP65				IP65				IP65			
Product Material	AL				AL				AL			
Power Cord	US Power Cord				US Power Cord				US Power Cord			
Product Dimension (mm)	345*270.2*66.2				429*362*77				543*512.6*77			
Product Weight (kg)	2.65				4.35				9.4			

2. Full Spectrum



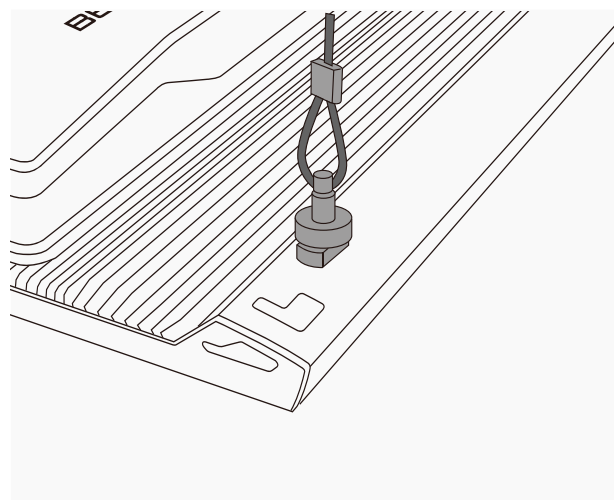
3. Use Environment

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

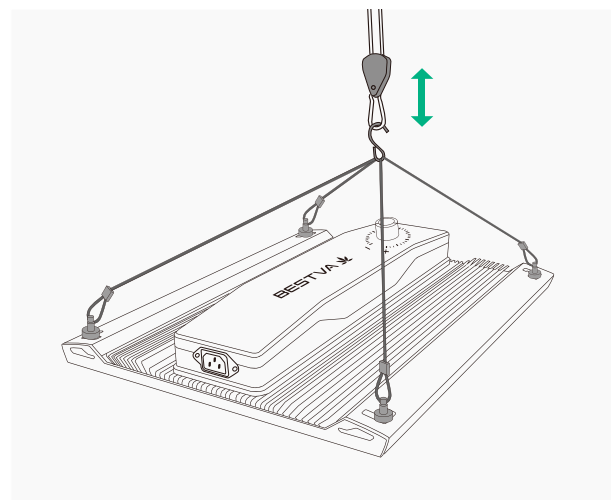
STORAGE AND DISPOSAL

- 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.

## ASSEMBLY INSTALLATION



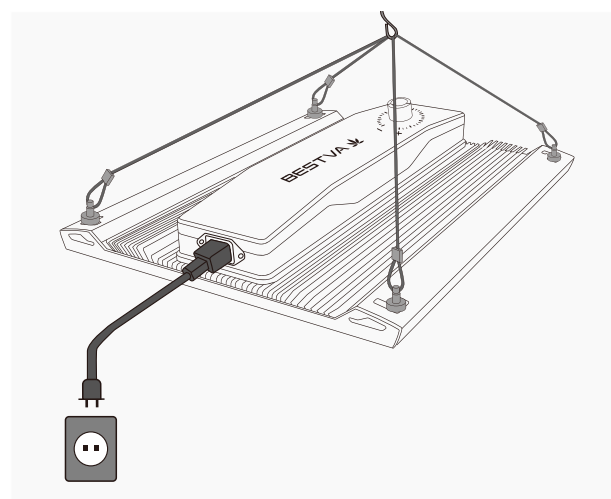
**01** Find the four right-angle holes, Snap in the fixing buckle of the hook, tighten the screws.



**02** Hanging with adjustable rope – hang the light at the appropriate height.



**03** Make sure the main power is switched off before connecting the light fixture.



**04** Connect the led fixture to the mains

## SAFETY RECOMMENDATIONS AND WARNINGS

**Warning!** Please read the following instructions carefully before using or working with the product.

- **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. Even with the waterproof degree of our MEAN WELL driver at IP67, please keep the light in a dryer environment as much as possible.
- **Always allow for a cool 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.

## WARRANTY

- The company warrants the mechanical and electronic components of the product and guarantees the materials and workmanship free of defects if used under normal operating conditions, for a period of three (3) years from the original date of the purchase.
- If you find that there are any defects with this product that relate to either the workmanship or the materials but are not due to improper use or user error, please directly contact us for replacement or repairing the product using the appropriate new or reconditioned parts. In the case that the company decides to replace the entire product, the date of the limited warranty shall apply to the replacement from the date of the purchase of the initial product for three (3) years.
- Our company reserve the interpretation right of this warranty structure. If you have any further questions about our warranty policy and customer service, please contact us.

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## THANKS GIFT CARD

Email us for the suprising gift!

For any dissatisfaction, we would like to express our apologies to you, please contact us via [support@bestvaled.com](mailto:support@bestvaled.com) before leaving review or applying refund.

We will make every effort for 100% satisfaction.

BEST regrads!

BESTVA After-sale team!

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Contact us: [support@bestvaled.com](mailto:support@bestvaled.com)