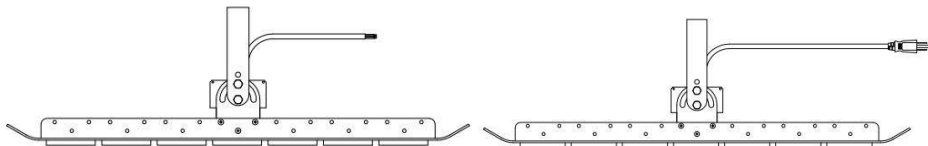


INTRODUCTION

The GROW-K Series is a high-power LED horticultural toplight that is designed and manufactured to the highest standards. Over 7-years research and development of light spectra and plant response has been used in the design and construction of this product.

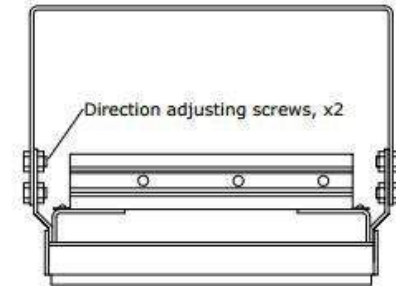
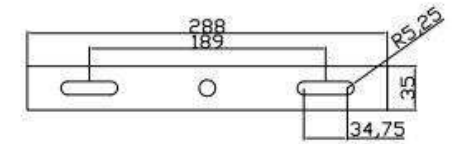
ELECTRICAL INSTALLATION

1. The electrical installation must be carried out in accordance with the current national electrical regulations.
2. The power (supply) cord is an optional accessory, and if chosen, will be fitted in factory with a through waterproof connector. Do not open the waterproof connector by yourself which may void the warranty of your product.
3. If the power cord option is not chosen, tinned bare wires are available for your wiring connection. The wires in the mains lead are coloured in accordance with the following code: Green and Yellow: Protection Earth (PE), Blue: Neutral Brown: Live
4. In the interests of electrical safety, a 30 mA residual current device (RCD not supplied) should be installed in the supply circuit. This may be part of a consumer unit or a separate unit.
5. Isolate the electrical supply before connecting the power cord. Always take care of the working load in the cables when multiple products are installed.
6. Do not allow the power cord to contact on hot surfaces, including the luminaire shell or bodywork. The cord should be safely routed and secured.
7. This appliance must be earthed via the power cord plug and the electrical supply to the socket must be correctly connected to the earth point in the terminal box or consumer unit.
8. When multiple products are installed without the option power cord, waterproof tee connectors are recommended for the cascading connection. Observe the safe working current of the connectors because the product is a high-power device.



INSTALLATION

1. Fixed installation: Prepare the installation by referring to the drawing. Use two M10x20 hexagon bolts (optional accessory) through the two long holes on the bracket to fix the product onto a fix structure. Adjust the two direction adjusting screws to the right light beam direction.
2. The product is hot during normal working. Keep the product surroundings clean to allow natural ventilation and away from any flammables or explosives.
3. The product is heavy. Design and set up the installation structure properly to ensure the strength of the whole setup, especially when multiple products are installation in your facility.



TECHNICAL SPECIFICATION

Light Source	SMD5050, 392pcs	Installation	Hanging or rigid fixing
Rated Power	330W	Driver	Meanwell HLG-320H-42A
Warranty	5 years	Certification	ETL UL, CE, FCC, RoHS
Spectrum	KP-4	PPE	2.2 $\mu\text{mol}/\text{J}$
Input Voltage	AC 120V~277V, 50/60Hz	Waterproof	IP65
Size	743 x 298 x 221mm 29.3" x 11.7" x 8.7"	Beam Angle	90 degrees
Colour	Silver gray or Green	Weight	N.W. 7.2 kg ; G.W. 8.5 kg
Working Temp	-20 $^{\circ}\text{C}$ to + 40 $^{\circ}\text{C}$	LED Lifespan	50,000 hrs
Heat sink	Aluminum profile		

WARRANTY

The GROW-K Series has a warranty of five years. Units that fail to illuminate within this 5-year warranty will be replaced. Each unit is marked with a serial number that will correspond to the purchase date. Please return your failed unit to the distributor that you purchased it from. Units returned in this way will be replaced with new.



Marking

LED Grow Toplight

Model: GROW-K 330 AAA-KP-BB-CC

Input: 120~277Vac, 3.5A, 330W, 50/60Hz

Optic: Spectrum KP-4, PPF >730 umol/s
(typical)

SUITABLE FOR OPERATION IN AMBIENT NOT EXCEEDING 45°C

PEUT ÊTRE UTILISÉ À UNE TEMPÉRATURE AMBIANTE N'EXCÉDANT PAS 45°C

SUITABLE FOR DAMP LOCATION

CONVIENT AUX EMPLACEMENTS HUMIDES

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED

CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS

CAUTION – RISK OF FIRE

ATTENTION – RISQUE D'INCENDIE

ALL COMPONENTS IN THE LUMINAIRE SHALL NOT BE REPLACED OR SERVICED

TOUS LES COMPOSANTS DU LUMINAIRE NE DOIVENT PAS ÊTRE REMPLACÉS OU RÉPARÉS

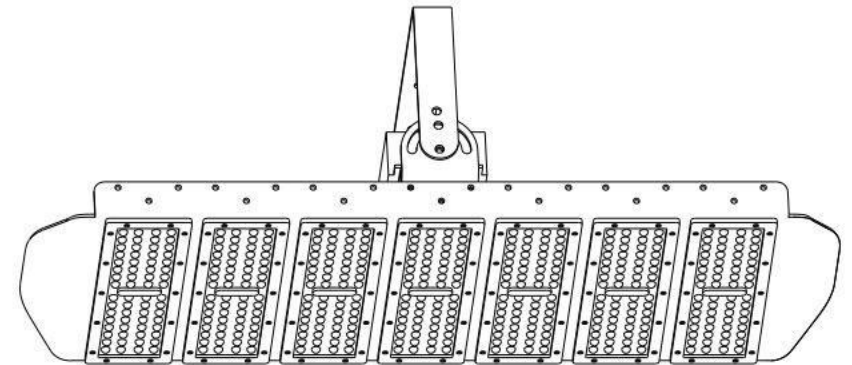
Produced by All Green Lighting, Inc.
12251 Industry Street
Garden Grove, CA 92841




S/N code: YYYYMMXXXX

GROW-K Series

Ver1.0

INSTRUCTIONS MANUAL



When connect to input 120V, use the plug as picture ↵ ↵	
When connect to input 240V, use the plug as picture ↵ ↵	
When connect to input 277V, use the plug as picture ↵ ↵	

GROW-K Series