



Horticulture  
Lighting Group®

# PRODUCT MANUAL

# 600<sup>TM</sup> R SPEC<sup>®</sup>



# HLG 600™ R SPEC™

IDEAL FOR FULL & FLOWER CYCLES

## SPECIFICATIONS

LED	1152 Samsung 301H LED's & Deep Red 660nm
PPF	1522
Input Current	
Efficacy	2.55 $\mu\text{mol/joule}$
Voltage Range	120VAC - 277VAC : 50/60 Hz
Power	60-600 Watts
Flowering Footprint	5' x 5'; 6' x 6' for Veg
Recommended mounting height above canopy	28"-36" Flowering; 40" for Veg
Thermal Management	Passive-Cooled Design
Max Ambient Temperature	40C (104F)
Dimmable	Manual or 0-10V option
Dimensions	26" x 21.5" x 2.75"
Weight	23 lbs
Warranty	3 Years

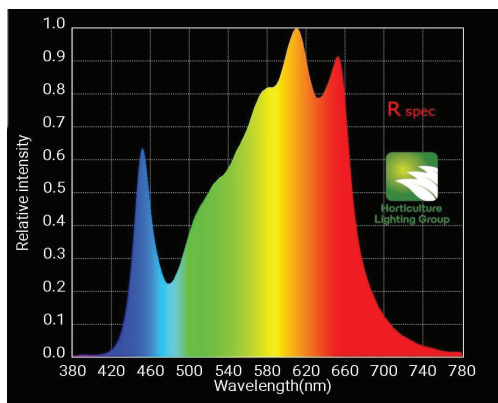
Specifications based on performance at 220V. Specifications subject to change without notice.

For best results it is recommended to maintain temperature of grow room at 78° F - 85° F

\*Please note, this is a high power lamp and will need to be dimmed for veg use.

\*\*When using a timer with 220V or higher, a dual pole timer is required.

## SPECTRUM OPTIONS



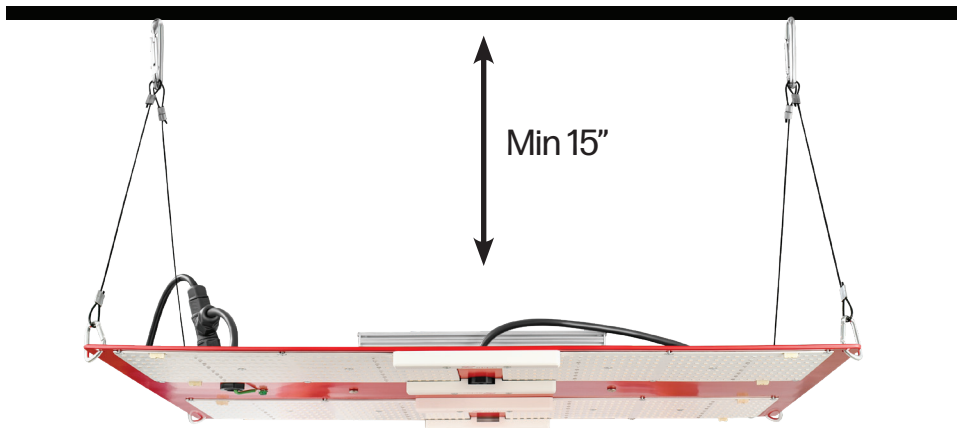
To learn more about inventory and cooling requirements please visit

[www.HLG.com/blogs/calculators](http://www.HLG.com/blogs/calculators)

## MOUNTING INSTRUCTIONS

### THE 600 R SPEC IS DESIGNED FOR CHAIN OR SUSPENSION ONLY!

1. Before mounting, make sure the mounting structure can adequately support a minimum of 23lbs.
2. Install on a non-combustable surface only
3. Maintain a minimum of 15" from ceiling or hanging structure



SUITABLE FOR DAMP LOCATIONS  
CONVIENT AUX EMPLACEMENTS HUMIDES

FOR CHAIN OR HOOK SUSPENSION ONLY  
SUSPENDRE SEULEMENT À L'AIDE DE CHÂÎNES OU DE CROCHETS

CAUTION - RISK OF FIRE  
ATTENTION - RISQUE D'INCENDIE

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

\*Please review the safety information in this booklet before use.

## SAFETY INFORMATION

Please read this important safety information before you use the device. It contains general safety information. Follow the warning and caution information to prevent injury to yourself or others and to prevent damage to your device.



### Eye Exposure:

1. Injury may occur if eyes are subjected to prolonged direct exposure to bright light. Wear approved eye protection for protection from UV rays, and appropriate certification compliances for LED lighting.
2. Do not use lamps in applications where humans and/or animals will be subjected to direct long-term uncomfortable visual exposure to light emissions as this could result in eye injury. If lamp appears damaged, remove power and then repair or request replacement the product.



### Burn Warning:

1. Operating lamps may become hot and may involve some risk or causing fire or serious bodily injury or other damages. Use of temperature resistant gloves is recommended.  
\*Always allow sufficient time for product to cool prior to touching.



### Electrical Hazard:

1. Electrical shock hazard is always associated with the use of electrical appliances and working with electricity. Do not use if cords or plugs are damaged or with loose electrical sockets. Unsecured connections can cause electrical shock or fire. Do not touch the power cord with wet hands or disconnect from power source by pulling on the cord, as doing so may result in electrical shock. Do not bend or damage the power cord or unit wiring, as doing so may cause electrical shock or fire. User holds sole liability and responsibility for proper use, handling and installation of this product.
2. When performing any troubleshooting please disconnect the AC power and wait 30 seconds for power supply to de-energize. It is also important to follow this step before any inspection, adjustment or maintenance to lamps.



### Environment:

1. All disposal options should be evaluated with respect to federal, state, and local requirements. Before disposing of waste lamps and components, check with federal, state, and/or local officials for current guidelines and regulations.

## Caution

Failure to comply with safety cautions and regulations can cause injury or property damage.

- Care and use your device properly. Do not use the device for anything other than its intended use.
- Damages or poor performance caused by failure to follow warnings and instruc-

tions can void your manufacturer's warranty.

### Disclaimer:

Buyer accepts responsibility for any and all grow lamps and components and any product operation that may lead to personal injury, economic loss, social distress, death or other losses including costs and damages. Horticulture Lighting Group is not responsible for misuse of any of their products. The purchaser is solely responsible for compliance with all applicable laws and regulations concerning the use of Horticulture Lighting Group products.

The information contained in this manual herein is presented in good faith and believed to be correct. No representations are made as to the completeness or accuracy thereof. Neither Preparer nor Company assumes any liability or responsibility for its use.

SAFETY HLG: 02/20/2020

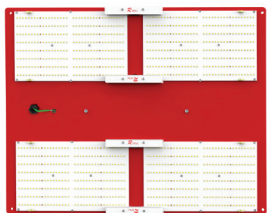
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**Achieve higher intensity and increase even coverage in a grow tent, reflective area, or cross-over by using multiple lamps.**

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## PACKAGE INCLUDES

- HLG 600 R Spec Lamp
- Hanging hardware
- Rope Ratchets



• HLG 600 R Spec Lamp



• Rope Ratchets



• Hanging hardware

## 3 Year Limited Warranty Service

If the product will not work after you have read the troubleshooting guide and practiced the troubleshooting options, you are advised to return the product to the retailer you purchased it from. The dealer will be able to examine the product and test its components. If they are not able to repair the product, they will return it to us for examination and repair/replacement. Do not attempt to repair any product on your own, as serious injury or death may result. If the retailer is not able to help you and the product is still under manufacturer's warranty, you may contact us for technical support. In some cases, you will be issued an RMA# (return merchandise authorization number) to return the unit for factory repair. Complete the warranty form below and return the product with all original packaging, your receipt of purchase, and a valid RMA# to the address below. Please pack and ship the product in its original packaging. If it is damaged in shipment we cannot be responsible and the warranty may be voided. Once we receive RMA package, it will be repaired or replaced and shipped back to you. Please note if an additional warranty was purchased and include the extended warranty sales receipt with your return.

### RETURN FORM

**Include the following if returning:**

- ✓ Proof of purchase
- ✓ This completed form
- ✓ RMA# on the outside of the box
- ✓ Extended warranty receipt

**Return Merchandise Authorization Number (Required):** \_\_\_\_\_

**Contact Name:** \_\_\_\_\_

**Address:** \_\_\_\_\_

\_\_\_\_\_

**Phone #:** \_\_\_\_\_

**Email Address:** \_\_\_\_\_

**Please give a brief description of your technical issue:** \_\_\_\_\_

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### SEND TO:

RMA Dept.  
17128 Colima Road Suite 510  
Hacienda Heights, CA 91745  
714-516-8176