

# USER BOOK

4Seasons LUMA  
LED GROW LIGHT



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## 4Seasons LUMA LED Grow Light

### 1. INTRODUCTION

Congratulations for purchasing your 4Seasons LUMA LED Grow Light. Please read and understand this manual in its entirety before using the LED Grow Light. Have an experienced, certified personnel to mount and install this device. Only use this product as specified within the manual.

### 2. PRODUCT INFORMATION AND SPECIFICATION

4Seasons LUMA LED is a highly efficient, silent indoor LED grow light with a 92% light transmittance. Indoor LED grow lights in the LUMA series are produced with passive cooling heatsinks rather than a fan. Using LED chips instead of bulbs, the grow lights don't need ballasts or replacement bulbs; instead, you can expect a lifespan exceeding 50,000 hours – so your garden can thrive for years.

Indoor grow lights in the LUMA series are renowned for their efficiency and ability to maximize your plants flowering/blossoming potential. This is thanks to the new 4Seasons XP35 horticultural COB design, which is built on a German engineered aluminum board. The grow light runs at peak efficiency per watt consumed and has minimal heat output.

#### 2.1 TECHNICAL SPECIFICATIONS

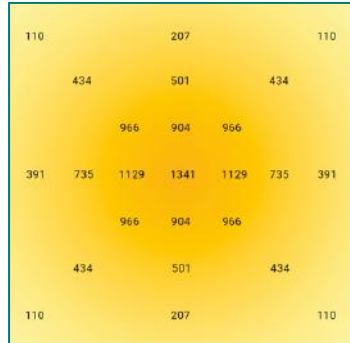
Module	LUMA 400	LUMA 800	LUMA 1200
Input Power	100w	200w	300w
Veg Footprint	80cm x 80cm	110cm x 110cm	140cm x 140cm
Flower Footprint	60cm x 60cm	90cm x 90cm	120cm x 120cm
Input Voltage	220 – 240v	220 – 240v	220 – 240v
Weight	4kg	6,9kg	10kg
COB	XP35 @ 3100K	XP35 @ 3100K	XP35 @ 3100K
CRI	80CRI	80CRI	80CRI
Light Distribution	90 degree	90 degree	90 degree
Lifetime	50 000 hours	50 000 hours	50 000 hours
Warranty	2 YEAR	2 YEAR	2 YEAR

## Module: LUMA 400

Dimensions: W42.2cm x D21cm x H4.5cm  
Replaces: 400w HPS/HID  
100% Silent Fan-less design  
4x Adjustable Hangers Included  
Light Coverage: 1.0 sqm  
Output: @80CRI at 100w



PPFD chart for the LUMA 400

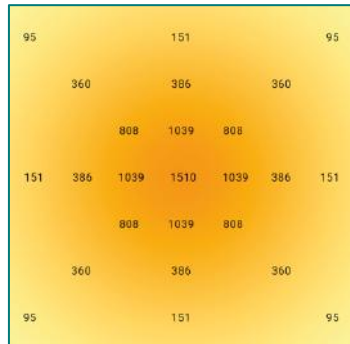


## Module: LUMA 800

Dimensions: W42.2cm x D42.2cm x H4.5cm  
Replaces: 400w/600w HPS/HID  
100% Silent Fan-less design  
4x Adjustable Hangers Included  
Light Coverage: 1.2sqm  
Output: 994 PAR umol @ 16" @ 80CRI at 200w



PPFD chart for the LUMA 800

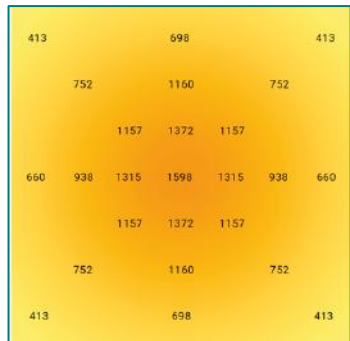


## Module: LUMA 1200

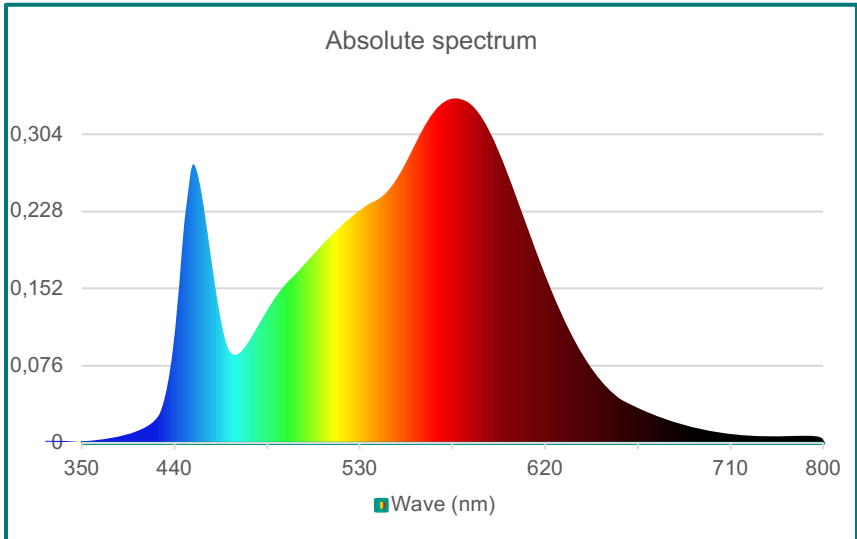
Dimensions: W57.8cm x D42.4cm x H4.5cm  
Replaces: 600w/800w HPS/HID  
100% Silent Fan-less design  
4x Adjustable Hangers Included  
Light Coverage: 1.44sqm  
Output: 1723 PAR umol @ 40cm @ 80CRI at 310w



PPFD chart for the LUMA 1200



## 2.2 SPECTRUM



## 3. INSTALLATION

### Warning:

Installing the 4Seasons LUMA LED Grow Light should be performed by certified service personnel, in accordance with the applicable local laws and regulations. The installer is responsible for the correct and safe installation of the unit.

### 3.1 INSTALLATION PREPARATIONS

The 4Seasons LUMA LED Grow Light fixture comes with hangers, solid deck and waterfall mount hanging hardware. In order to mount your LED Grow Light correctly, start by identifying a suitable support structure you can mount your fixture on. Common support structures include pallet racks, trusses, structural channels, Unistrut, and rolling tables. For optimal results, we recommend that two people mount this fixture together.

**Warning!** Be sure to mount the system to something that can hold the weight of the LED Grow Light.

**Note:** Ensure the LED bars do not come in contact with sharp objects or force that may damage the LEDs. Be sure to wait at least 30 minutes for the LED bars to cool down before touching them.

## 3.2 INSTALLATION STEPS

### Step 1.

Attach the 4 clips on the wire hangers onto corresponding 4 hole on the edge of the panel.



2



### Step 2.

Clip the carabiner onto adjustable rope hanger. Hang up the light onto the grow tent and then adjust an appropriate height.

3

### Step 3 (Option).

Attach the output power with Dimmer.



## 4. SAFETY RECOMMENDATIONS AND WARNING

### **Warning:**

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

- Always adhere to local rules and regulations when installing or using the 4Seasons LUMA LED Grow Light.
- Do not open or disassemble the 4Seasons LUMA LED Grow Light – it contains no serviceable part inside. Opening or modifying the 4Seasons LUMA LED Grow Light can be dangerous and will void the warranty.
- This product may cause interference to radio equipment and should not be installed near maritime safety communications equipment or other critical navigation or communication equipment operating between 0,45 ~ 30 MHz.
- Do not use the 4Seasons LUMA LED Grow Light when either the unit or its power cord are damaged. Replace the power cord only with the original certified cords.
- Modifications to the cords can lead to unwanted electromagnetic interference and other effects; this will void the warranty and nullify any compliance with legal regulations.
- Do not expose the 4Seasons LUMA LED Grow Light to:
  - Condensation, humidity, heavy mist, fog, or direct spray;
  - Ambient temperatures outside the specified range;
  - Dust and/or contamination;
  - Direct sunlight during use or HID light that could heat up the power supply enclosure.
- Always disconnect the 4Seasons LUMA LED Grow Light from mains before performing any maintenance.
- Always allow for a cool down period of at least 30 minutes before touching the LED bars. Touching the LED bars when the unit is lit or immediately afterwards will result in severe burns!
- Do not use the 4Seasons LUMA LED Grow Light near flammable, explosive, or reactive substances. The unit reaches temperatures of > 104oF / 40oC.
- Do not use sulfur vaporizers or water misters.
- The installation and use of this unit are the responsibility of the end user. Incorrect use or installation can lead to malfunction and failure of the unit. Any damage to the unit as a result of incorrect installation or use revokes the warranty.

## 5. WARRANTY

### **You are covered when you buy from Herbal House**

We ensure that all of our products undergo rigorous quality testing and extensive packaging to reduce the chance of any defects, however, in the unlikely circumstance that there is a failure with your purchased goods, simply take a deep breath and get in touch. **2 Year Warranty Included on each product.** This warranty applies to all physical goods, and only for physical goods purchased from Herbal House LTD.

### **What does this warranty cover?**

This warranty covers any defects in material or workmanship under normal use during the warranty period. During the warranty period, Herbal House Ltd will repair the faulty products by replacing the failed components, if the product has undergone a major fault where it is unable to be repaired, Herbal House Ltd will replace the product for you, whether it is a major fault or minor fault is only determined by Herbal House upon inspection of the faulty product at their Auckland facility.

### **How long does the coverage last?**

The Warranty Period for Physical Goods purchased from Herbal House is 2 years (730 days) from the date of delivery as confirmed by Courier post tracking information.

### **What is the process if I have a faulty product?**

If you experience a fault in your product, we will email you a return label and organize for the courier to collect the faulty product from your desired location or you can drop the item at your local post shop.

Once the item has been successfully received in to our Auckland facility we will test the product to help diagnose the potential faults, if it turns out the product is not faulty you will need to pay for the courier cost to and from our warehouse.

If a fault is found we will cover courier expenses both ways and will proceed to repair your product with new genuine parts.

If the fault cannot be repaired to a standard than allows the product to work as it previously did, otherwise known as a major fault then we will replace your product with a new model.

### **What happens if I am unable to send the product back to you because I am still needing to use it for my grow?**

If you unable to send the product back because you are unable to interrupt your current grow, then you are welcome to pay a bond equal to the product that is

faulty, we will then send you an equivalent product to use while you send your faulty item back for repair or replacement. As you can understand, without inspecting or confirming any faults we are unable to send a replacement or send loaner products before receiving the bond or receiving the faulty product simply due to the risk of theft, which unfortunately has happened in the past.

Once you have paid the bond we will send you a product to use which will allow your grow to continue without disruption while we solve the problem with your product, once we have your product fixed and returned to you and the loaner product back to our facility we will refund your bond no hassles at all.

**For more information please contact us:**

**Matt@herbals.co.nz or call on 0508 44372257**