

## LuminiGrow 200R

Wifi Intelligent & Daisy chain

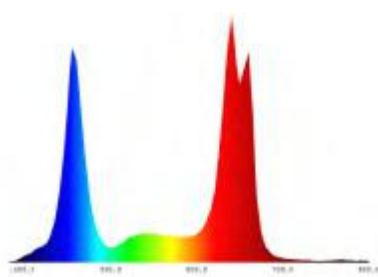
Quiet Smart Fans



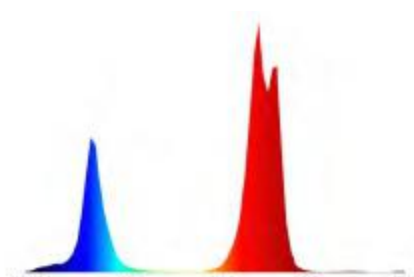
## Growth

LuminiGrow 200R light is the most cost effective way for growers to boost healthy crop yields. Supplying the compatible light spectrum which is 100% absorbed by the plant. High PAR performance.

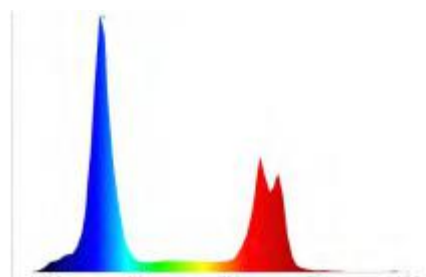
This cuts down the plant growth period, only 2~3 months growth cycle. LuminiGrow 200R is programmed for the spectrum sprouts and flowers, providing an automatic period.



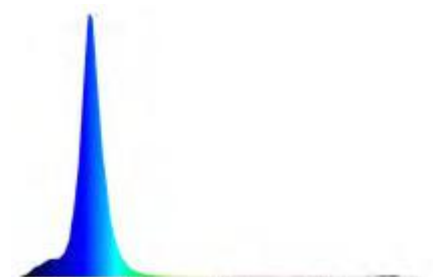
Full Spectrum Mode



Bloom Mode



VEG Mode



UVB Mode

## Lumini Grow System

Programmable & Daisy chain  
Dimming & Timing



## Wifi & IR Remote Control

We use the newest DMX and PWM technology, digital signal demand, more steady.

If with wifi controller, you can program the lamp via Android or iOS devices.

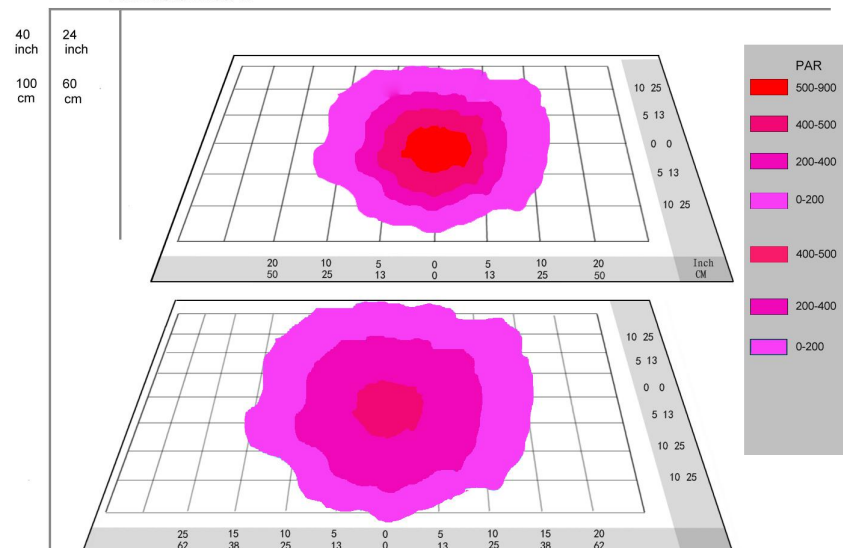
There are 4 individually adjustable channels, each with dimmer and timer, **Veg, Flower, Full spectrum** mode, daisy chain system.

If use IR remote controller, you can dim 4 channels separately, the LCD display indicates the intensity in each channel and fans' working status.

## High Intensity

Many other LED brands are running with lower wattage and lesser input current. We use full 5W LEDs which are running at standard 900mA driving current, providing high brightness, high efficiency, longer lifespan. It provides high lumens, which is more powerful, equal to a 600W HPS light.

Lumini Grow System  
LuminiGrow 200R1



## Main Specification

Actual power: 180~200watt

0.9 & 220V; 1.8 A & 110V

Frequency: 50/60Hz

AC Cable Length: 4ft

Universal Input Range: 100~240VAC / 50 to 60Hz

CRI (Ra>): 75

Working Temperature(°C):-25°C~55°C

Driver: 1 x Mean Well

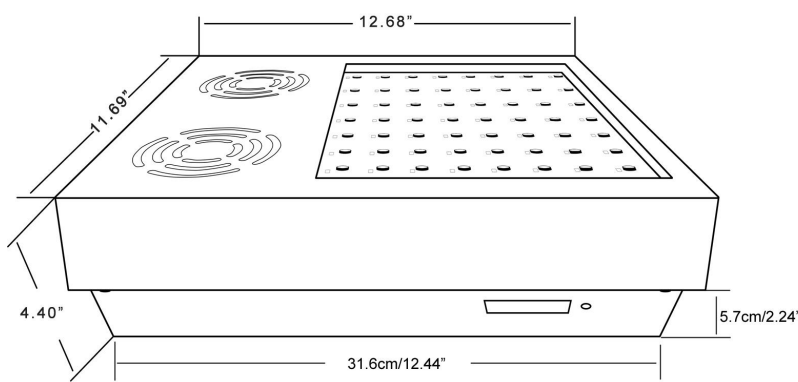
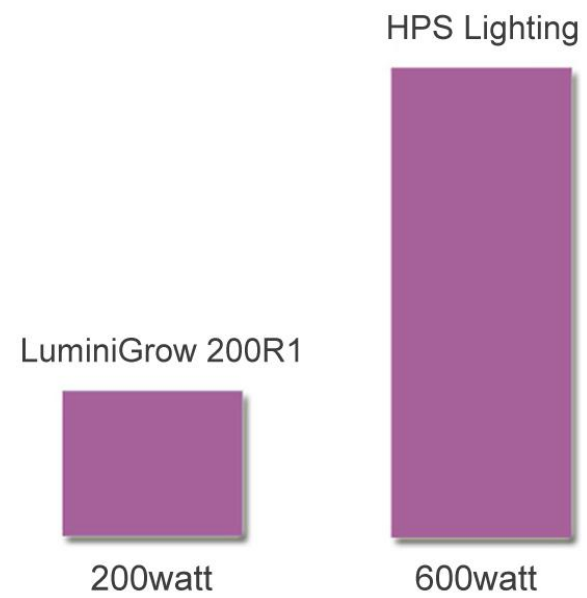
Certification: ETL & CE & ROHS

Warranty : 1 year warranty, lifetime maintenance



## Efficiency

This light fixture uses 50% less power than a 600W HID light, and 70% cooler. This light has a long lifespan without maintenance, and may possibly qualify for energy utility rebates!



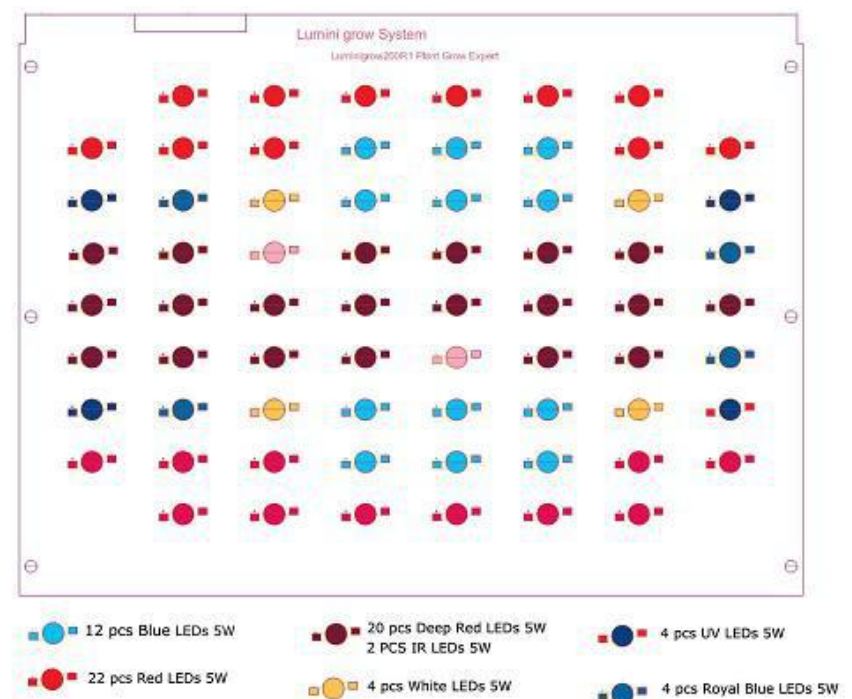
## Dimensions

Length: 32.2cm/12.68"  
 Width: 29.69cm/11.69"  
 Height: 11.17cm/4.40"  
 Weight: 4.17kg/9.34lbs

## LEDs

- 22 pcs Red 5W LEDs
  - 16 pcs Deep Red 5W LEDs
  - 2 pcs IR 5W LEDs
  - 4 pcs warm white 5W LEDs
  - 2 pcs cool white 5W LEDs
  - 4 pcs Blue 5W LEDs
  - 12 pcs Royal Blue 5W LEDs
  - 2 pcs UV 5W LEDs
- Total-64pcs\*5w double-chip LEDs

**Lifespan: > 50000Hrs**



## LED layout in each channel

- Channel 1: 2 x 10 pcs - Deep Red + 2 x 1 pcs - IR
- Channel 2: 2 x 2 pcs - White+ 2 x 2 pcs - Royal Blue + 2 x 2 pcs UV
- Channel 3: 2 x 6 pcs - Blue
- Channel 4: 2 x 11 pcs - Red