



# Professional Horticultural Lighting



## Lumen - King Led Grow Light 630W

### SPECIFICATION:

Light Source	LED
Spectrum	Full Spectrum
PPF	1700µmol/s
Input Voltage	120-277V
Input Power	630W
Efficacy	2.6µmol/J
Mounting Height	≥ 6" Above Canopy
Thermal Management	Passive
Dimming	0-10V Signal or Knob
Beam Angle	120 degree
Power Factor	> 90%
Certifications	ETL/DLC/UL
Diodes Brand	Samsung + Osram/Cree
Drivers Brand	Sosen/MeanWell
Waterproof rating	IP65
Operation Temperature	-50°C - 50°C
Operation Humidity	10% - 95% RH
Storage Temperature	-50°C - 80°C
Storage Humidity	10% - 95% RH
Warranty Time	5 years

### INFORMATION

- » PPF calculations complied using our in-house integrating sphere measurements and typical spectroradiometric data for each LED fixture performance.
- » Watts Value are typical expected values. Tolerance allow +/- 10% range on flux and power consumption.

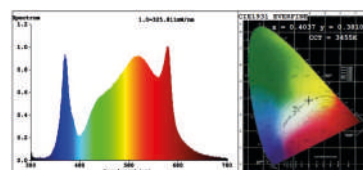
### ADVANTAGES

- » High Efficacy
- » Full Spectrum
- » Fanless, Zero noise
- » Professional Application for commercial and hobby markets
- » Ultra Slim Design
- » Less Power consumption
- » High PPF Output
- » 0-10V dimming signal
- » 50000 Hours of Life
- » Plug & Play
- » Foldable Design

### CAUTION

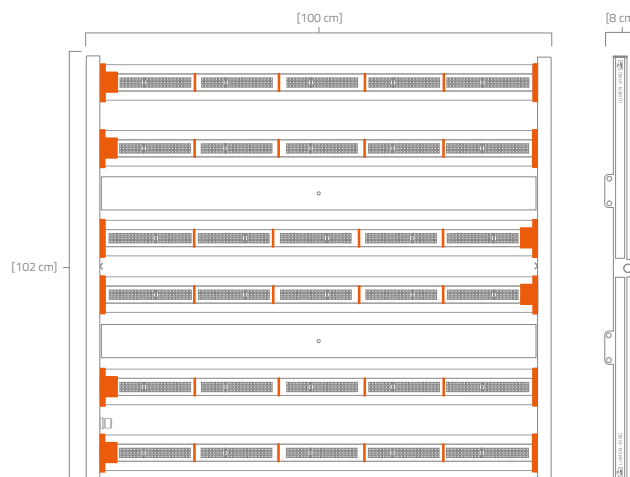
- » This product is passively cooled design, so DO NOT moving components and DO NOT try to open or disassemble the fixture, unless it contain no service parts inside.
- » Always adhere to the local rules and regulations when you use it.
- » We suggest to wearing gloves and glasses during installation.
- » The fixture will get hot during it turns on. DO NOT touch while lights turn on.
- » Keep this product away from children.
- » Always allow at least 10 minutes for cooling down before handling.
- » DO NOT touch the LED diodes anytime.
- » DO NOT plug this product in wrong input voltages.
- » DO NOT use it when the power cord or plug is damaged.
- » DO NOT use it when the fixture has been dropped, or the enclosure or bars are damaged.
- » To protect your eyes, avoid looking directly at the unshielded LED diodes.

### SPECTRUM:



Full Spectrum for seeding, Vegeting, Blooming

### PRODUCT DIMENSIONS



NET WEIGHT: [12 kg] GROSS WEIGHT: [18 kg]  
PACKAGE SIZE: [110 x 60 x 20 cm]

### PPFD TESTING REPORT



AVRG PPFD: 775 [4FT x 4FT]  
TESTING HEIGHT: 2 FT

AVRG PPFD: 1064 [4FT x 4FT]  
TESTING HEIGHT: 6 INCHES

RECOMMEND FOOTPRINT: 6' x 6' ON VEGETING | 5' x 5' ON BLOOMING