



MORSEN LED Grow Lights, products were designed with the intention of creating an ideal growing environment for plants, vegetables, fruits, and herbs as a solution to the dilemma of certain locales and outdoor climates being unsuitable for growing and producing healthy plants.

## Product Description

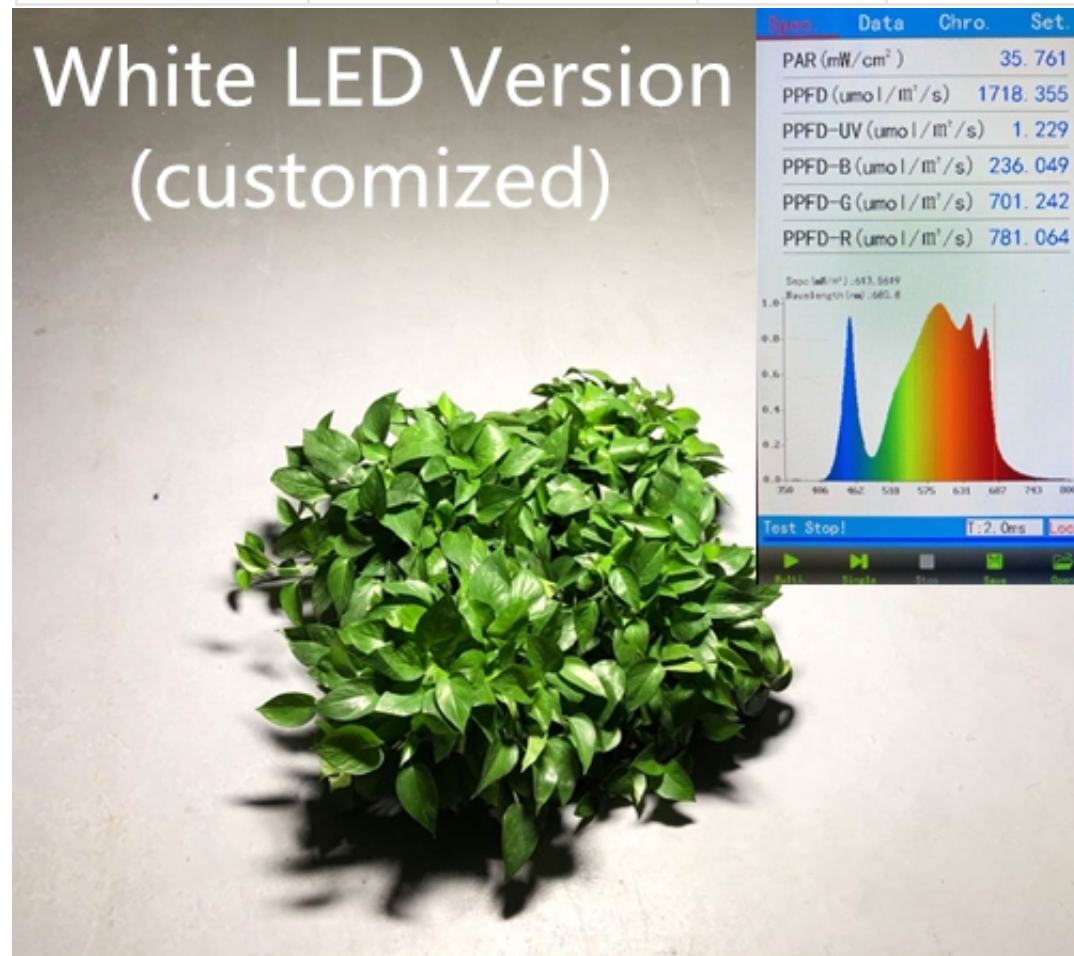
M 2000W is a full-cycle top lighting solution for For commercial horticulture growing system. M Series is ideal for greenhouse supplemental lighting or indoor sole-source lighting.

## Warranty

3-Year Standard Warranty

### DIMENSIONS | WEIGHT

	Length	Width	Height	Weight
M 2000W	13"	13"	2.7"	11 lbs



### SPECTRA

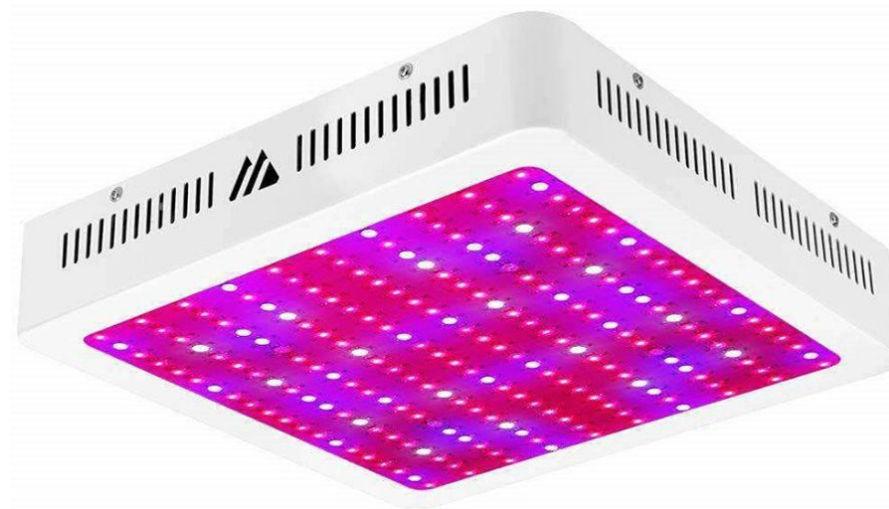
The above graph shows the real spectrum of customized white led version of M series 2000w

## LED Grow Light

M series 2000w (450w)

SKU: LZ095X

(Customized to white LED version)



## Product Specifications

Vendor Item #	M series 2000w
Internal SKU#	LZ095X
Actual Consumption	450w
AC Input Voltage	AC 85-265V , 50/60 Hz
Efficacy	2.4 μmol/J
Dimensions	13" x 13" x 2.7"
Light Output PPF	1718 μmol/s
Light Distribution	120°
Light Source	LED
Mounting Height	≥12" (30.5cm) Above Canopy ≤30" (76.2cm) Above Canopy
HPS Wattage Equivalent	700W
Thermal Management	Dynamic
Max. Ambient Temperature	95°F / 35°C
Total Diodes	200
LED Type	Epileds LEDs
Lifespan	>50,000hours
Power Factor	> 0.97
Total Harmonic Distortion	< 10%
Warranty	3 Year Standard Warranty
Vegetative Stage	12-14 hours on
Flowering Stage	9-12 hours on
Fruiting Stage	7- 8 hours on
Modular Power Cord	In US, UK, EU, AU,JP