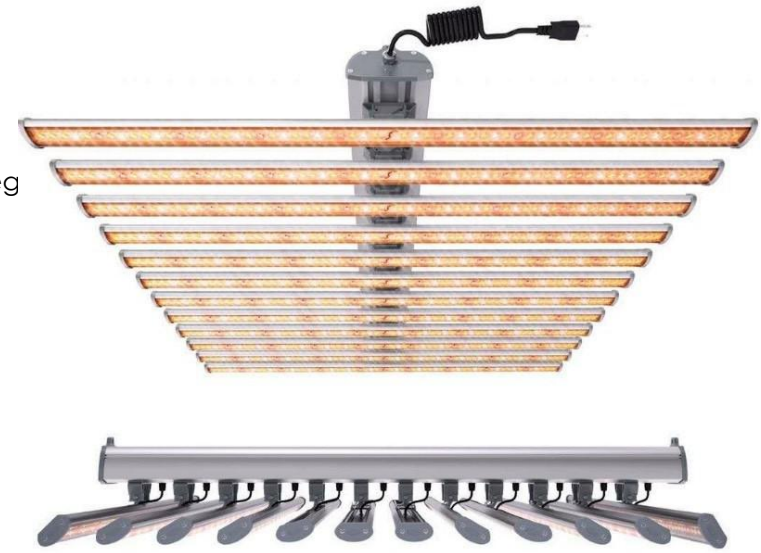
Specification

GLM120-12 Series LED Grow light

Description:

- ✧ Full Spectrum LED Grow Light for Indoor Plants, Vegetables and Flowers. Performs Extremely Well in All Stages of Growth.
- Get Higher Yields With Quality LEDs
- Full Spectrum and Color Select Feature
- Optimal cover area5X5 For bloom ,8x8 for Veg
- High Efficiency and Low Heat Output



Features:

- For Indoor Plants, Vegetables & Flowers
- Performs extremely well in cloning, vegetative and flowering cycle
- Replaces 1000w HID lamp.
- High quality Osram 3030 led chips
- Use for all stages of plant growth
- Full spectrum 380-780nm
- Advanced LED Drivers for Higher Performance
- Eliminates A/C in most grow spaces due to very low heat output
- Without Fan, the use-life more long.
- Environmentally friendly (No Mercury)
- Five foot Power Cord in 110v US with 220v and International Plugs Available
- Maximum 120° adjustable for each bar.

Specification

GLM120-12 Series LED Grow light

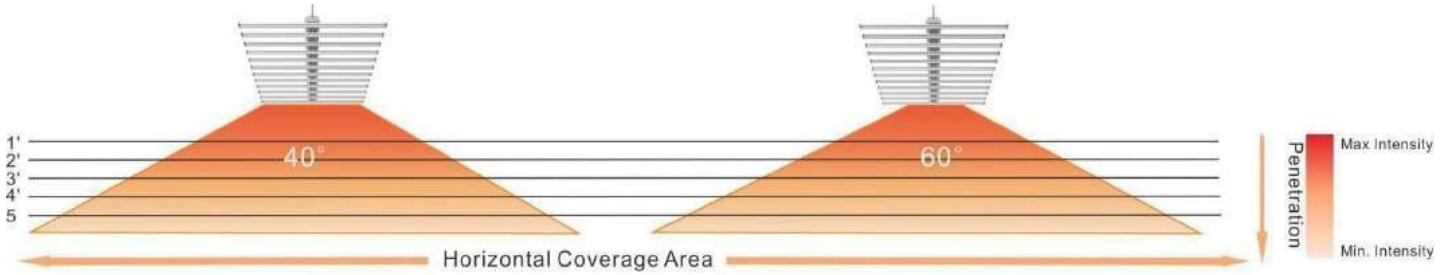
Specification:

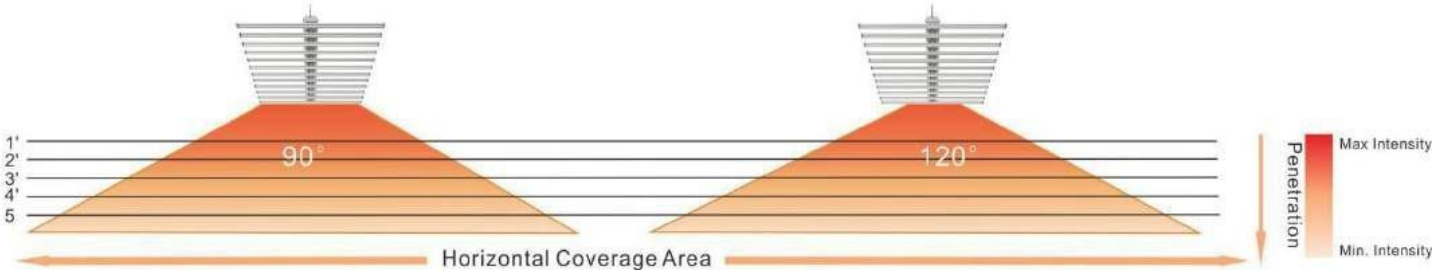
Part Number	LX-GLM120-12
LED Wattage	720W
Real power draw:	680w
Input voltage	AC 100-277V/ 50-60HZ
LED Chip	Osram top-bin white with enhanced red
PPF	1700umol/s
Efficacy	2.6μmol/J
Spectrum:	Full Spectrum
IP Rating	IP54
Working Environment	-40℃ to +50℃,15%～90%RH
Storing Condition	-40℃～+65℃
Power Factor	>0.9
Housing material	ALUMINUM + PC lens + PC cover
Product size	L100cm X W100cm (39.37in x 39.37inch)
Mounting Height	⩾12" (30.48cm) Above Canopy
Thermal Management	Passive
Optics	120°
Lifespan	>54000hrs
Warranty	3 Years
Report and Certificates	Horticultural ETL and DLC certified, CE,Rosh, LM-79, IES,ISTMT,TM21 Test

Attention please:

- Extremely bright, do not look directly at the LED bulbs when the light is working.
- No extra ballast is needed.
- Can be controlled by Timer.Add a timer switch.
-Easy to connect ,one main switch to control multiple lights

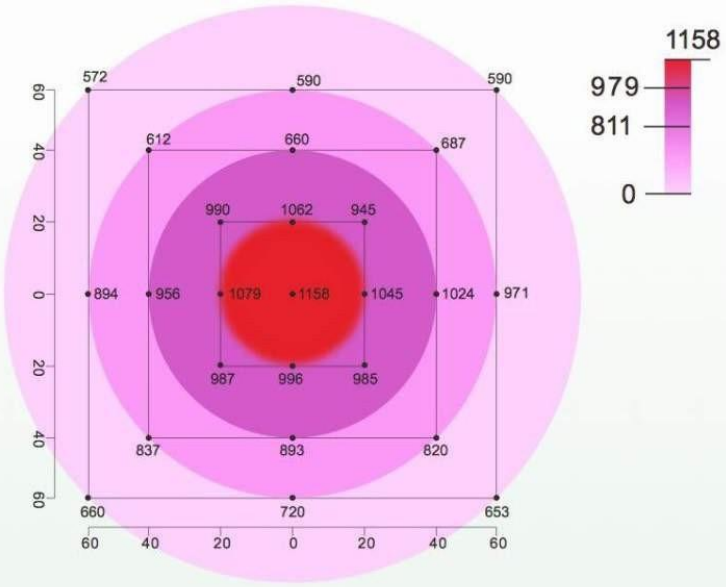
Horizontal Coverage Area:





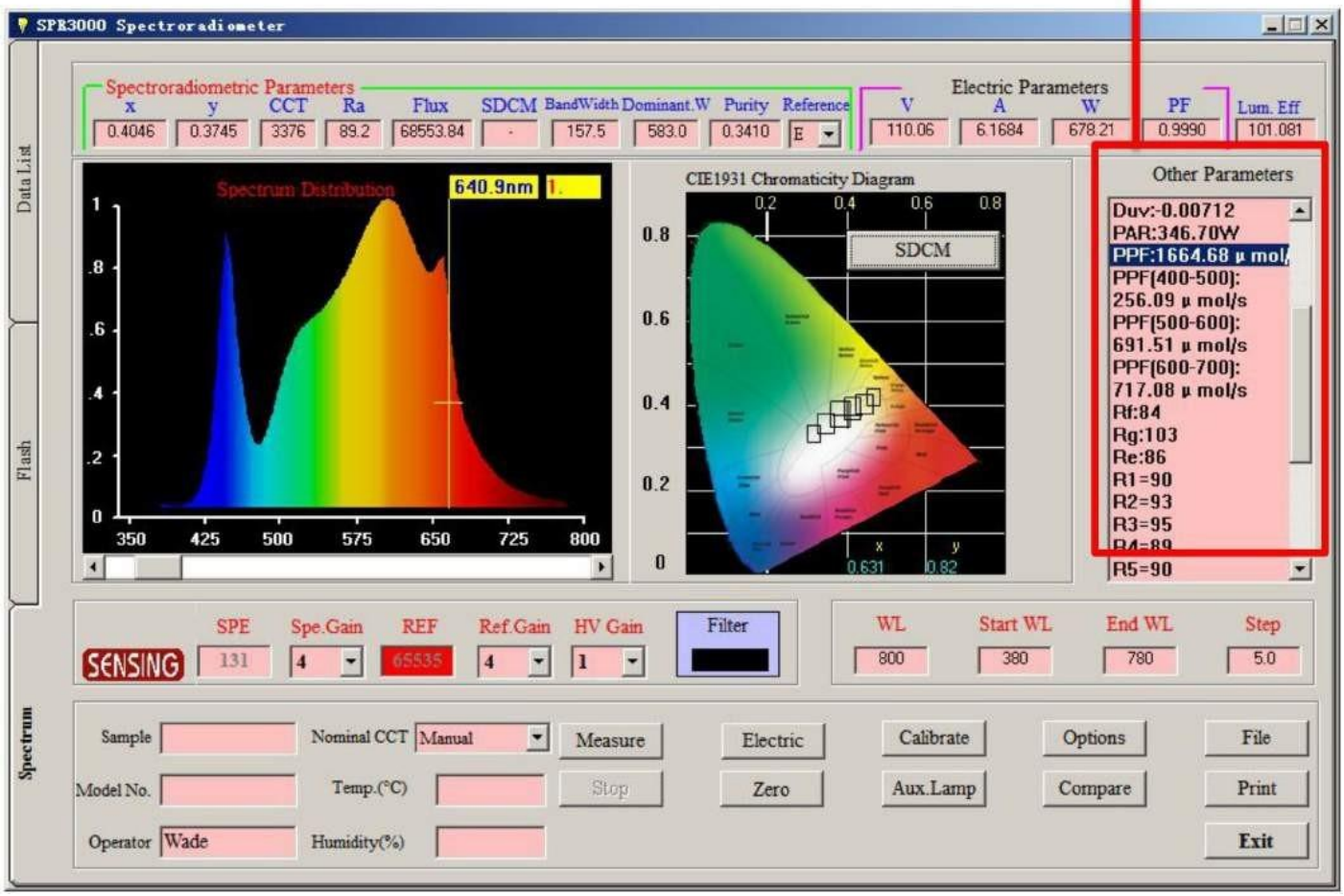
PPFD data:

Light was positioned at 12" height (μ mol/m² /s)



Spectrogram /PPF test data:

PPF: 1664.68u mol/s
PPF(400-500nm) 256.09 u mol/s
PPF(500-600nm) 691.51u mol/s
PPF(600-700nm) 717.08 u mol/s



The data are for reference only.

Spectrogram /PPF test data:

REPORT NO.:LCS190901013BS

4. Integrating Sphere Test Results:

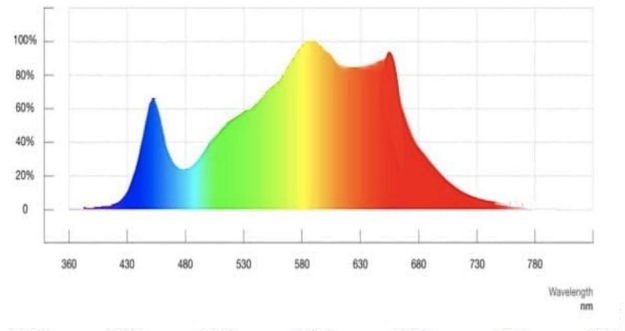
4.1 Test Data

Test type	Voltage (V DC)	Frequency (Hz)	Current (A)	Power Factor	Power (W)
Input	110.06	50.00	6.1684	0.9990	678.21

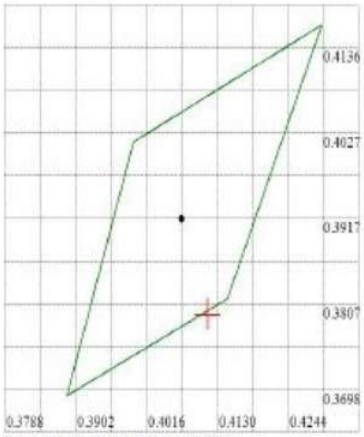
Test type	CCT (K)	CRI	Duv	Luminous flux (lm)	Luminous efficacy(lm/W)
Output	3269	88.7	-0.006	68553.84	101.081

4.2 Spectrum

Spectroradiometric Parameters



Spectral Distribution



Nominal CCT:LED_3500K
x0=0.4073 y0=0.3917

Chromaticity Coordinates: x=0.4115 y=0.3794 u'=0.2446 v'=0.5074

Correlated Color Temperature: 3269 K	Dominant Wavelength: 583.0 nm(E)
Colour Fidelity Index: Rf=84	Gamut Index: Rg=102
Luminous Flux: 68553.84 lm	Purity: 0.3759
Chromaticity Difference: -0.006Duv	Peak Wavelength: 610.0 nm
Color Ratio: Kr=43.0% Kg=48.6% Kb=8.4%	
Bandwidth: 163.9nm	Radiant Flux: 455.029 W
Photosynthetically Active Radiation(PAR): 443.94W	Photosynthetic Photon Flux(PPF):1663.36μmol/s

Rendering Index: Ra=88.7

R1=89	R2=93	R3=96	R4=88	R5=90	R6=91	R7=87	R8=75
R9=42	R10=85	R11=90	R12=82	R13=91	R14=97	R15=85	Re=85