



Chevy Light CO., LTD
Professional LED Grow Lights Manufacturer

12W LED Grow Light

Indoor 12W High Power LED
Grow Light Technical Specifications



www.growlight.cn

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<p>①CL-GLR8B4-660</p>	<p>② CL-GLR8B4-630</p>
	
<p>③CL-GLR660-4630-4B2W3</p>	

3 kinds of Wavelength for red light

①Red(660nm) : Blue=8:4

②Red(630nm):Blue=8:4

③Red(660nm): Red(630nm): Blue : White= 4:4:2:2

Also can accord customer needs produce 660nm Mix 630nm



Spec Sheet

- ★ Discard the traditional fan cooling solution (as a result of fan lights affect the life span of life), the product used aluminum casing design. Cooling mode solutions that enable lights live longer.
- ★ Ideal for all phases of plant growth, and works well with any indoor garden, whether hydroponics or soil based
- ★ Lifetime over 50,000 hours;
- ★ Use only the exact spectrums required for plant photosynthesis;
- ★ The low heat emission eliminates the need for ducting & heat exhaust fans;
- ★ Built-in cooling system(thermostatically controlled fans) solve the heat dissipation excellently;
- ★ Environment-friendly: Don't contain the harmful substance HPS & MH have, much less hazardous
- ★ OEM/ODM or customized integrated grow lighting solutions are available as well. Please contact us with your requirements.
- ★ Each light covers at least 2.5square meters (0.6m-0.9m high away from plant), 120 degree;
- ★ After-service: at least 1-year-warranty, welcome to inquiry about usage, guarantee, maintenance and other hot points
- ★ E27 type based, easy to set ;

characteristic

Item	Value	Item	Value
Size	∅ 122mmx(H)120mm	Net Weight	0.8 kg
Working environment	-20~60°C	Working Frequency	50/60 Hz
Storage condition	-40~85°C	Working Voltage	AC110V/220V
Power Factor	>0.95	Input current	220V/AC, 66mA
Luminous Flux	500 Lm	Lighting Area	1 m ² (0.3m height)
Lighting time per day	10-16 Hours	LED Beam Angle	120°
Height above the Plant	45/60/90cm	LED Color Ratio	Red:Blue=8:4
Gross Weight	1 kg/pc	Packing	15x15x15cm/1pc

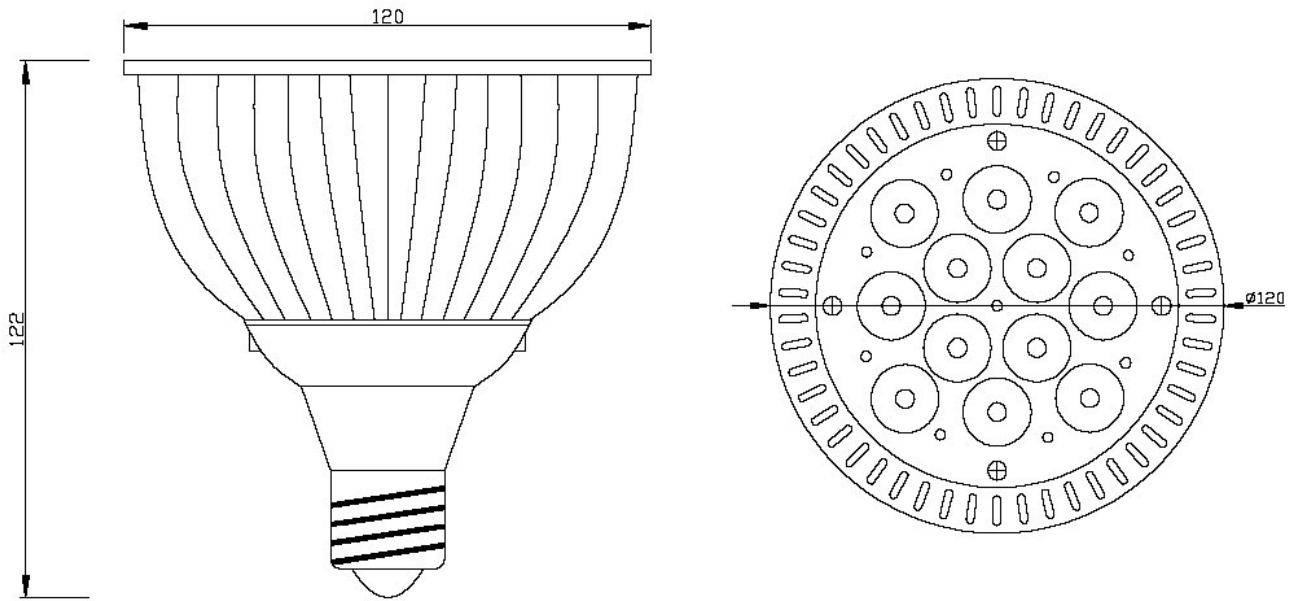


The pictures below show the plant growing from seeding under the 12w Grow Light

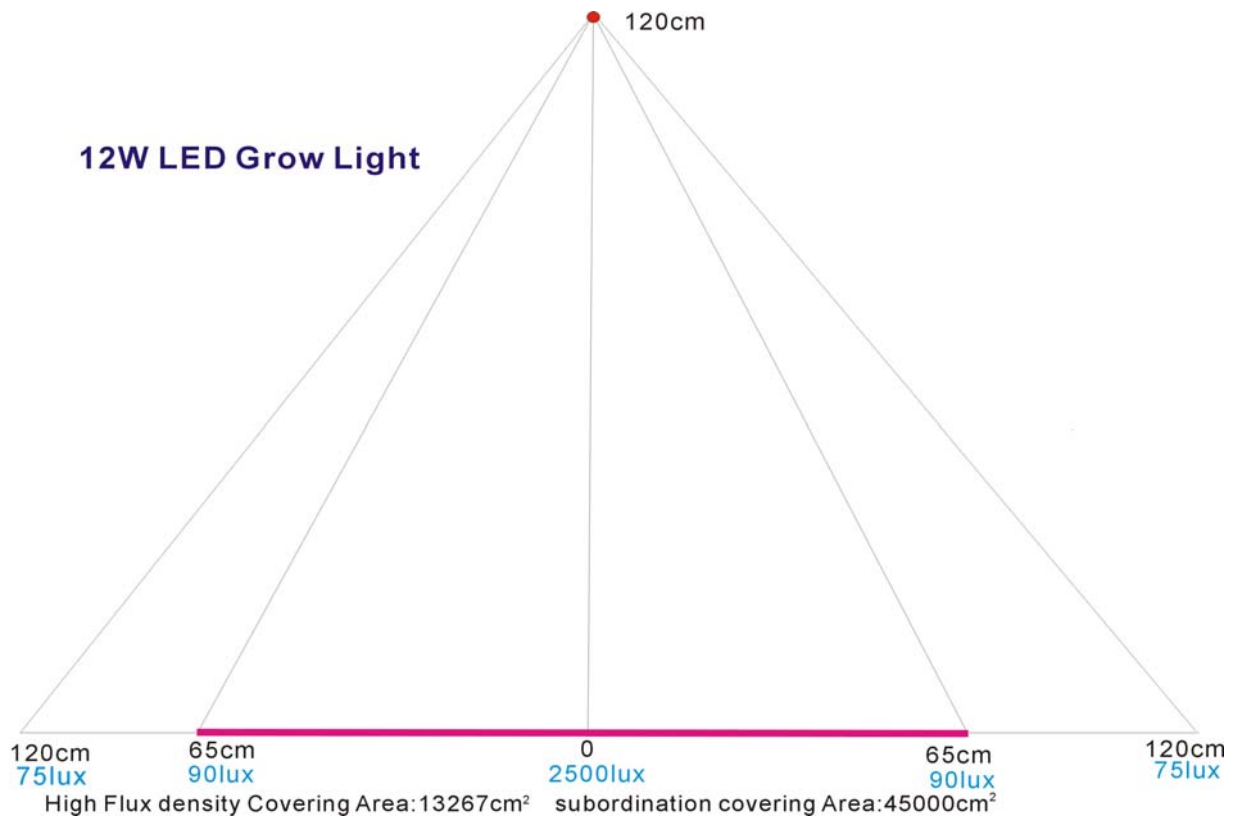


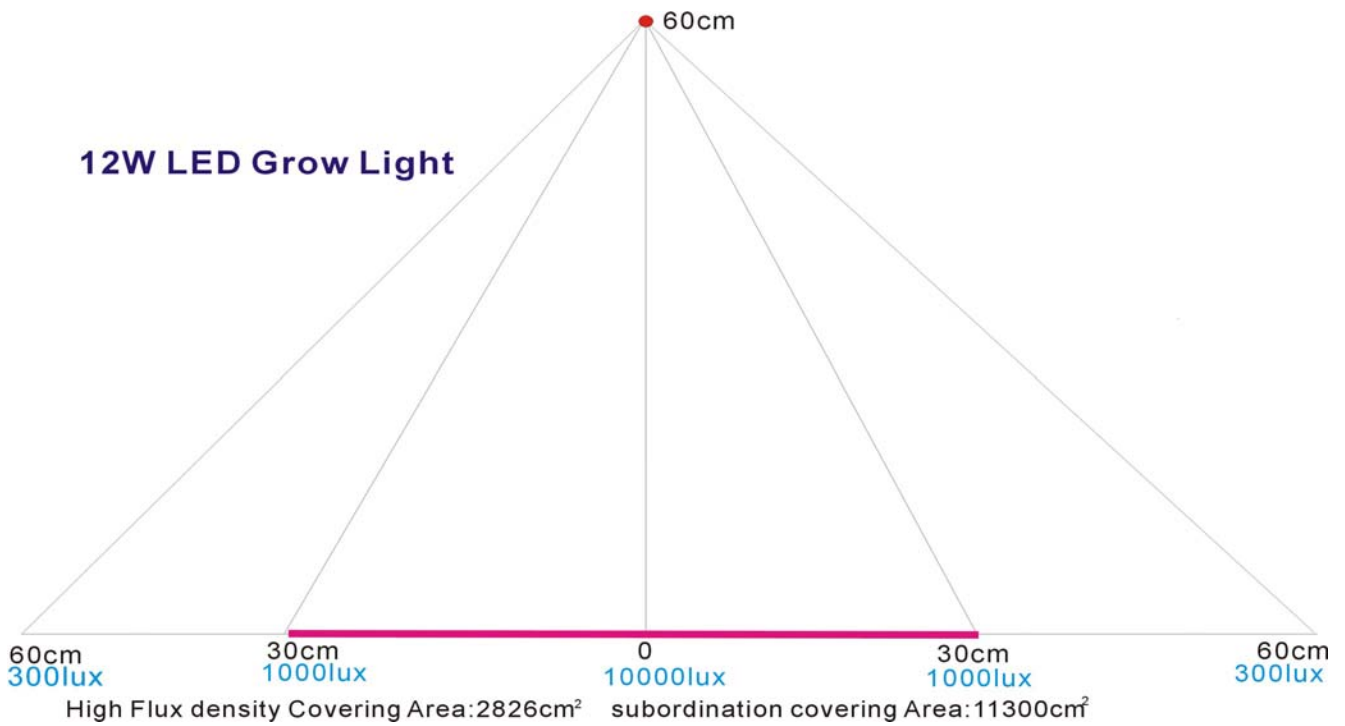
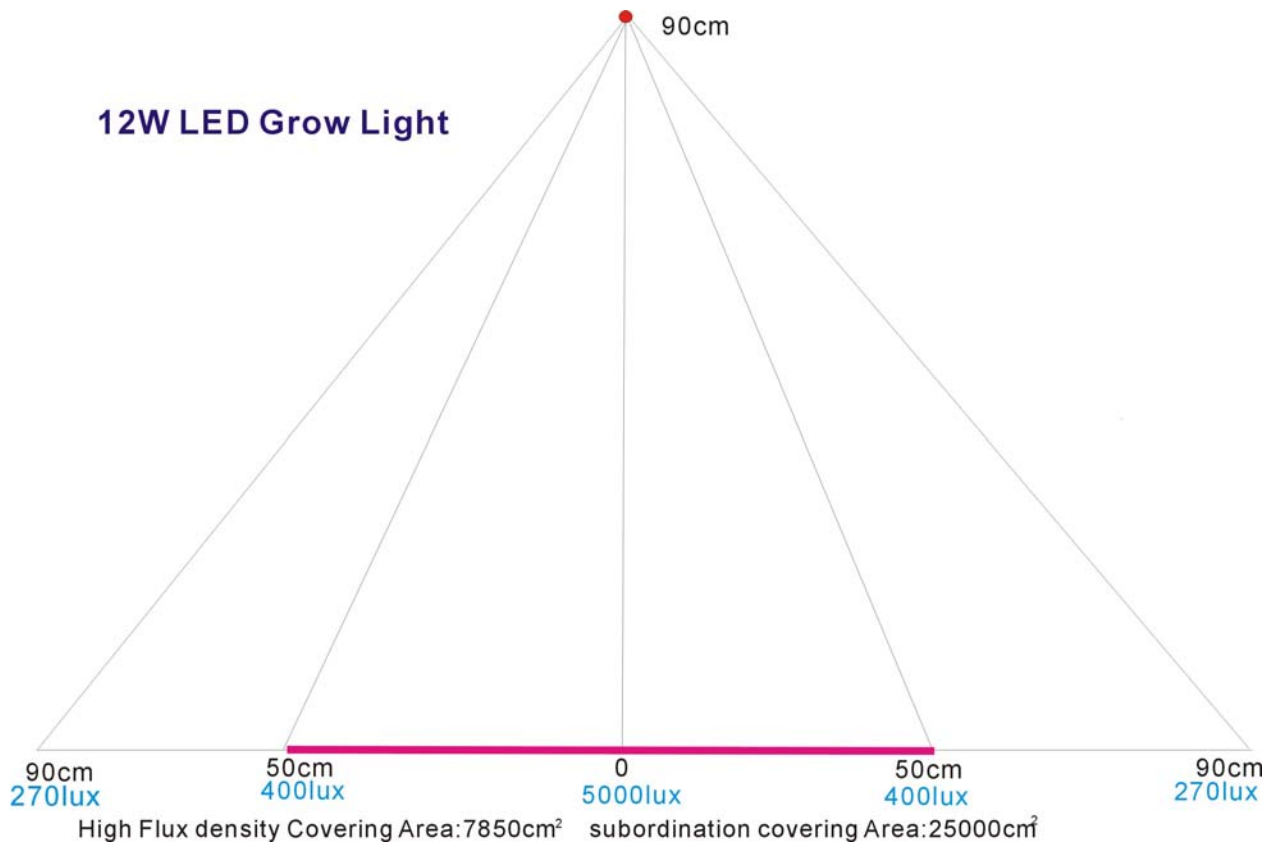


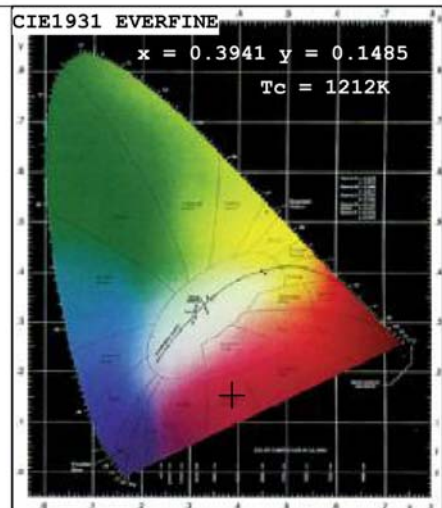
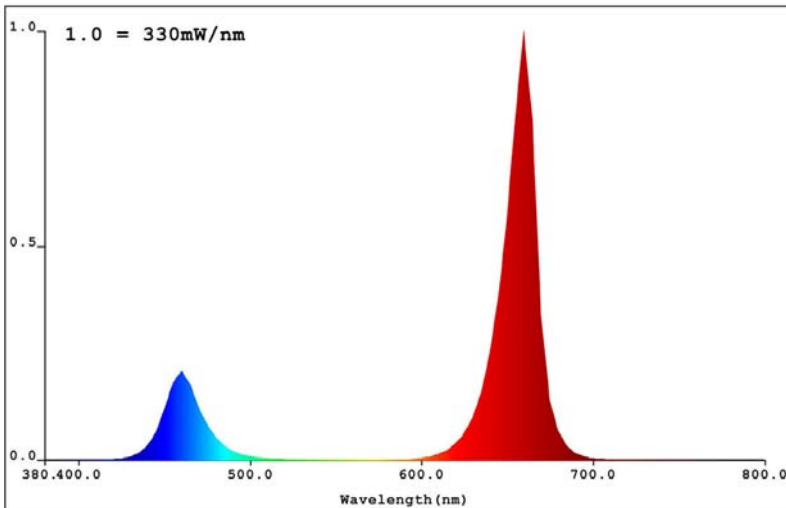
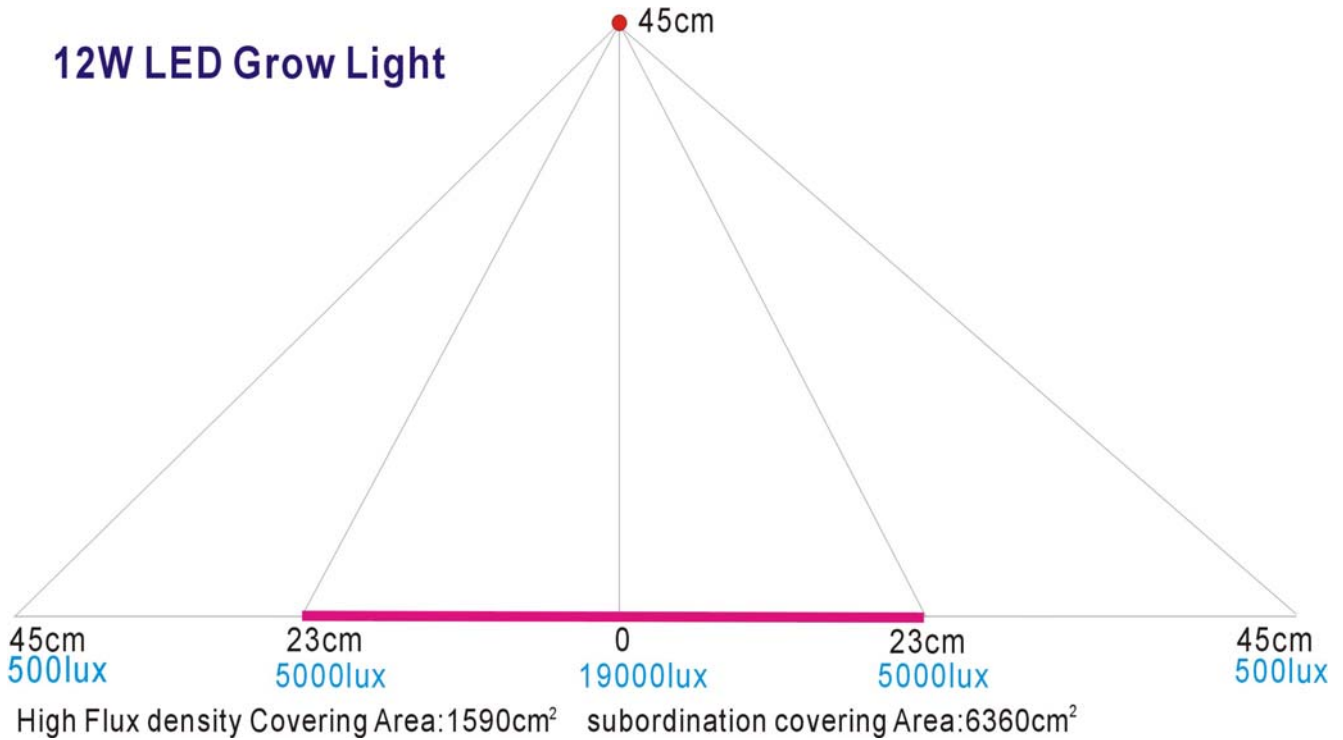
Size:



Test Report Sheet







CIE Color Parameters:

Chromaticity Coordinate: x=0.3941 y=0.1485/u=0.3947 v=0.2231 (duv=1.35e-001)
CCT: Tc= 1212K Prcp WaveL: λd=610.2nm Purity=58.4%
Peak WaveL: λp=660nm Half Width: Δλp=19.7nm Ratio: R=82.2% G=2.5% B=15.3%
Average Wave: 654nm
Rendering Index: Ra=-121.4
R1 =-80 R2 =-167 R3 =-237 R4 =68 R5 =-204 R6 =-334 R7 =-46 R8 =30
R9 =-156 R10=-460 R11=4 R12=-999 R13=-153 R14=-68 R15=-81

Photo Parameters:

Flux: Φ=611.62(lm) Luminous Efficacy: 7.74(lm/W) Luminous Power: P=9.745(W)

Electrical Parameters:

U=233.5V I=0.3510A P=79.00W PF=0.962

Instrument Status:

Scan Range: 380.0nm-800.0nm
REF = 35829

Interval: 5.0nm

Ip = 18775 (G=3, D=52)
TMP (PMT) = 27.3degrees centigrade Test Mode: Fast Test