

PRODUCT SPECIFICATION

AGL-1000W-LB01

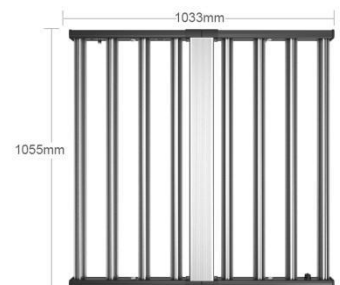


1. Product Specification

AGLEX®

PRODUCT SIZE

1055mmx1033mmx78mm



Actual Power: 1000w±5%

Materials: Aluminum

Perfect Coverage: 6x6ft@12"

Input Voltage: AC100-277V

50-60Hz

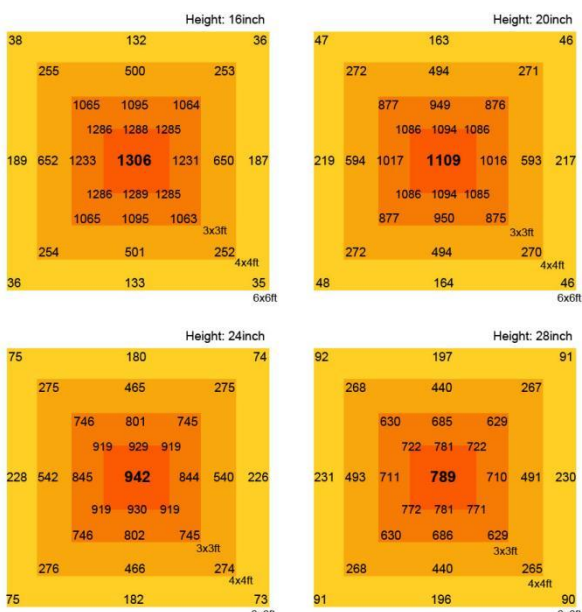
Item Weight: 35.27 lbs (16KG)

Lifespan:>50000 Hours

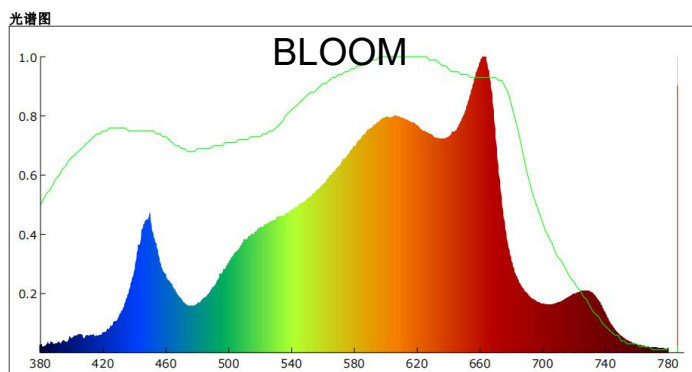
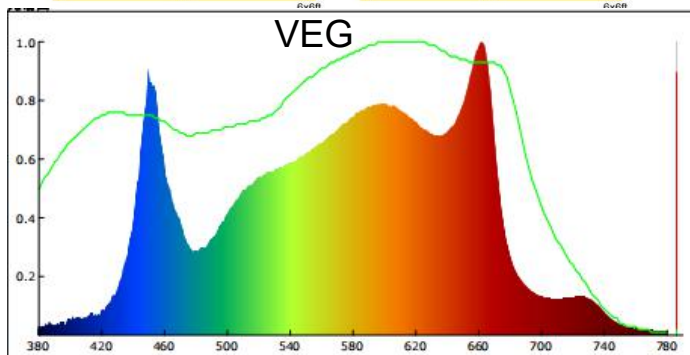
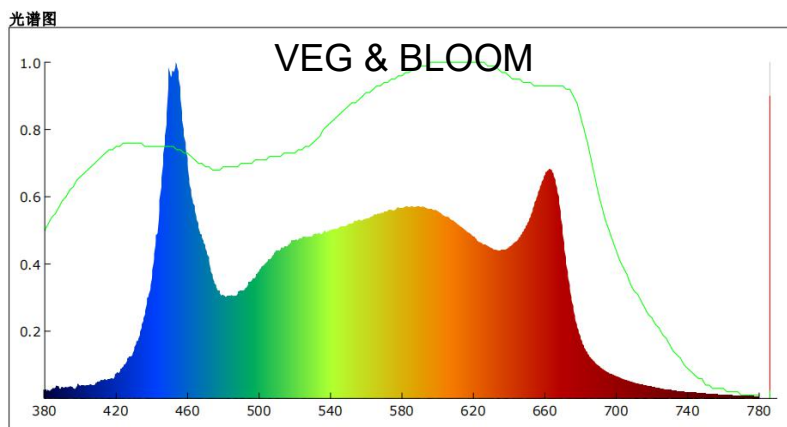
2. Product Introduction

Model Number	AGL-1000W-LB01	PPF ($\mu\text{mol/s}$)	2700
Input Voltage	AC100-277V / 50-60HZ	PPE ($\mu\text{mol/j}$)	2.7
Input Wattage	1000W \pm 5%	Radiation Flux (mW)	516730.16
Amp	AC120V-6.55A/ AC220V-3.11A	Luminous Flux (lm)	145531.75
LED Quantity	Samsung 281b+ SMD3030 - 2622pcs in total	LED Driver	4 pcs UL driver
Led Source	1440pcs White (5000K) Samsung2801b 1312pcs White (3000K) Samsung2801b 576pcs Red (650-660nm) 96pcs IR (730-740nm) 32pcs UV (400-405nm)	Contents	Adjustable Hanging Rope RJ11signal wire-2m Stainless Hangers
Lamp Size (MM)	1055 x 1033 x 78mm	Power Factor	0.99
N.W. (KG)	16	Operating Temperature	(-20 $^{\circ}$ C~+40 $^{\circ}$ C)
Carton Size (CM)		Lifespan	50,000 Hours
G.W. (KG)	20	AC Power Cable	UL 3*18AWG
Dimming Signal	0-10V	THD	\leq 20%
Dimming Level	25%、50%、75%、100%	Warranty	3years

3. Spectrum



AGL-1000W-LB01



4. Product Feature



VEG & BLOOM Model

2 modes are controlled separately, get more fruits while shortening the growth cycle



180° Foldable

Quick installation, reduce labor cost



Aluminum Material

Fast heat dissipation, extend the lifespan

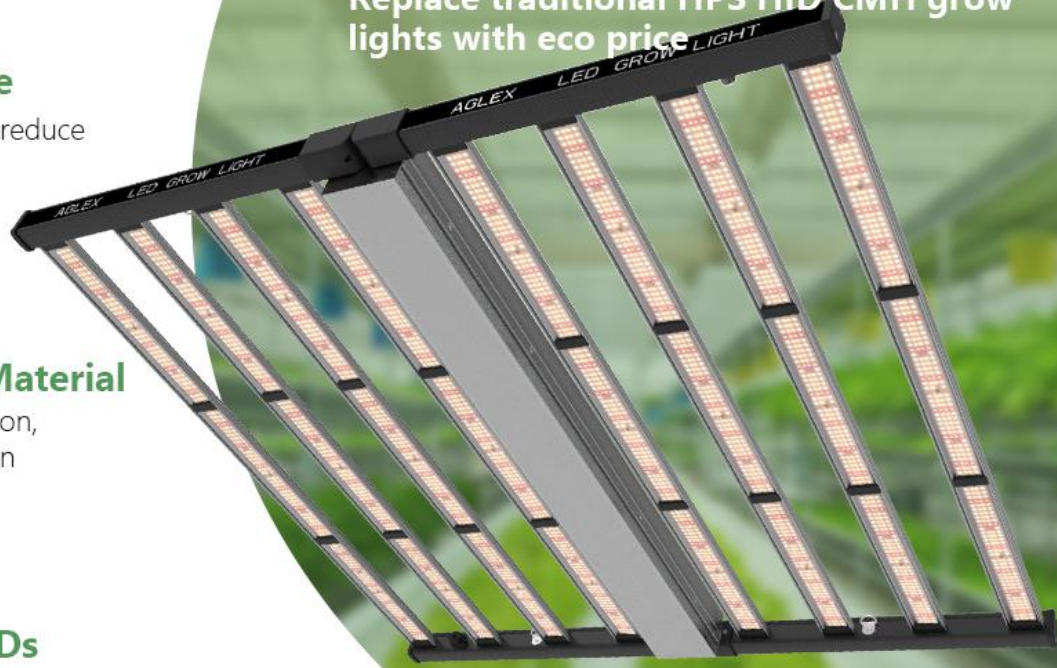


Samsung LEDs

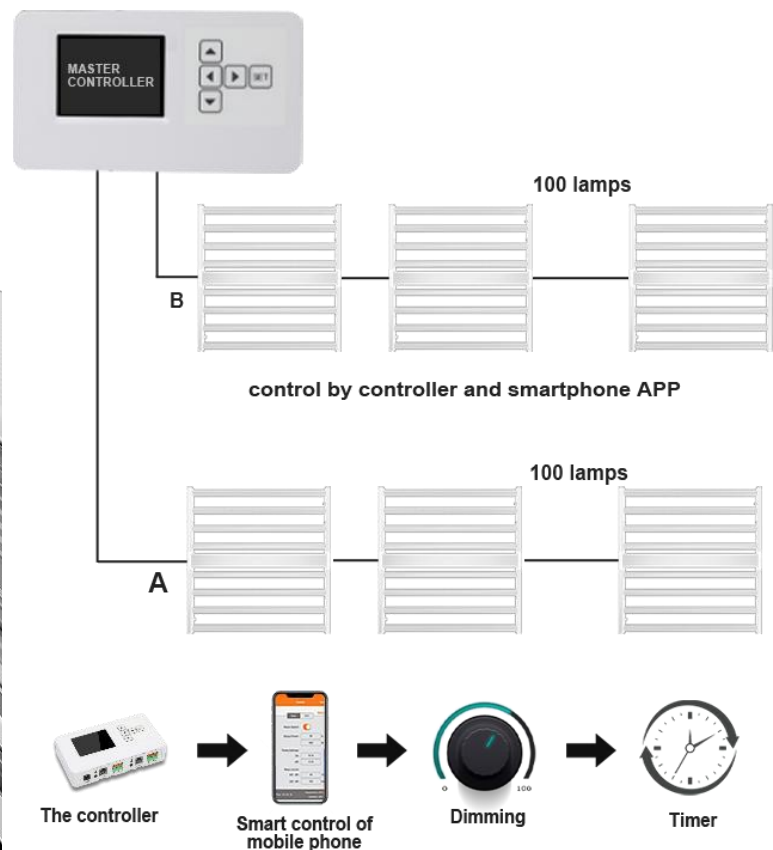
High-performance diode, 2.7 μ mol/J PPE

BEST COMMERCIAL LED GROW LIGHT SOLUTIONS

Replace traditional HPS HID CMH grow lights with eco price



5. Daisy Chain Function



6. VEG & BLOOM Model

2 modes are controlled separately, allowing you to use a suitable light at the different stage and get more yield while shortening the growth cycle.



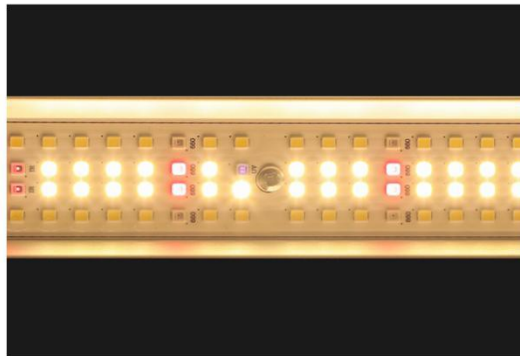
VEG



Suitable for Germination Stages



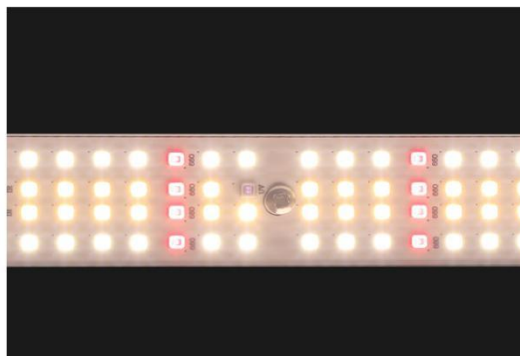
BLOOM



Suitable for Flowering Stages



VEG+BLOOM



Both ON, Will be more Powerful.
Suitable for all stages after the seeding stage

7. Product Test Data

AGL-1000W-LB01

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Email: ever@aglexz.com

1000W LB -100% - VEG & BLOOM

产品标识

产品型号:

球内温度: 0.0℃

测试员: YW

制造厂商: 深圳市亚美瑞科技有限公司

环境温度: 0.0℃

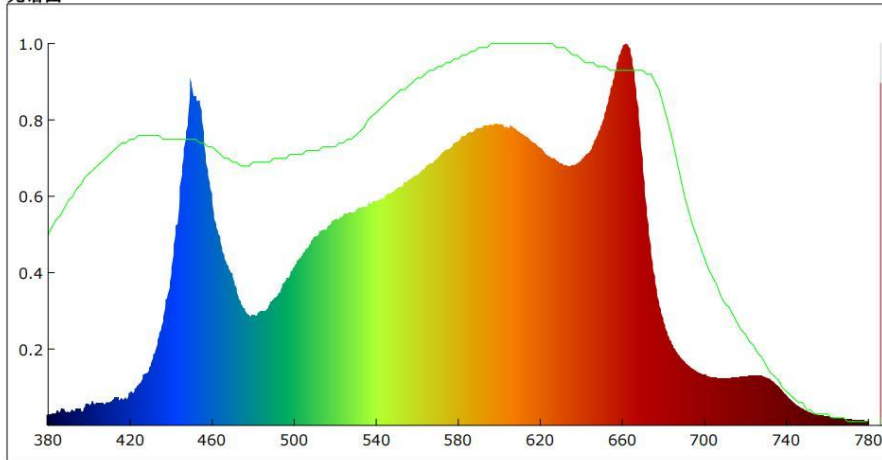
测试日期: 2021-11-06

环境湿度: 65%

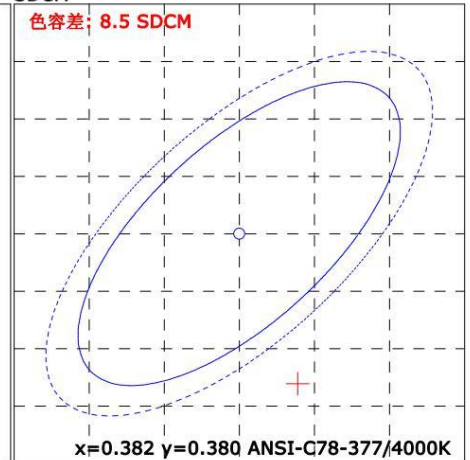
参数列表

参数名称	参数值	参数名称	参数值	参数名称	参数值
光通量(lm)	158030.136	半宽度(nm)	161.2	PPFfr(umol/s)	114.00
辐射通量(mW)	516730.16	峰值波长(nm)	662.5	PPE(umol/J)	2.7
相关色温(K)	3776	中心波长(nm)	592.9	Euv(mW)	2543.14
黑体偏离Duv	-0.00629	质心波长(nm)	573.9	Eb(mW)	105032.77
坐标x,y	0.3857,0.3666	光通量色比(RGB)	20.6,76.8,2.7	Eg(mW)	196279.88
坐标u,v	0.2328,0.3319	CIE1931 X	224149.141	Er(mW)	194102.92
坐标u',v'	0.2328,0.4978	CIE1931 Y	213077.219	Efr(mW)	18771.42
色容差	8.50	CIE1931 Z	143935.953	电压(V)	227.4
显色指数Ra	93.8	PPF(umol/s)	2696.76	电流(A)	4.110
Qa	0.0	PPFuv(umol/s)	8.31	功率(W)	998.8
明暗视觉比S/P	1.729	PPFb(umol/s)	403.68	功率因数	0.984
主波长(nm)	583.70	PPFg(umol/s)	911.06	光效(lm/W)	158.22
色纯度(%)	25.8	PPFr(umol/s)	1042.25		

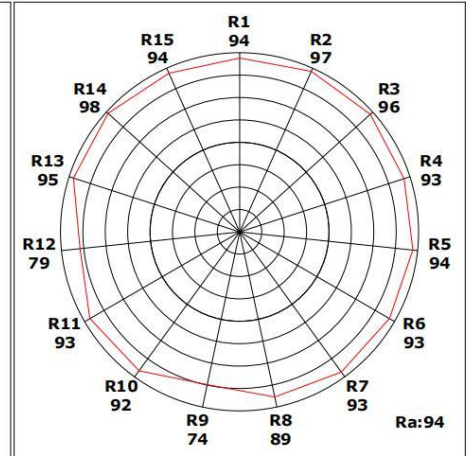
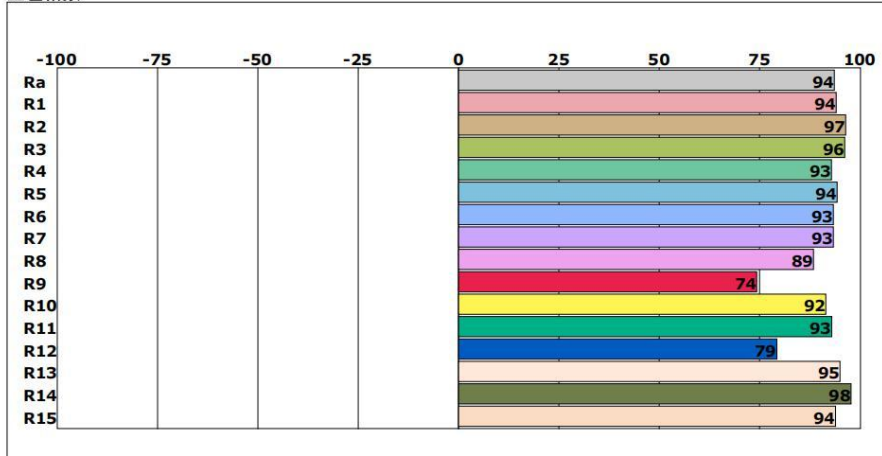
光谱图



SDCM



显色指数



仪器状态

仪器型号: HPS2000

积分时间: 1.655ms

仪器编号: 2008012

峰值信号: 58743

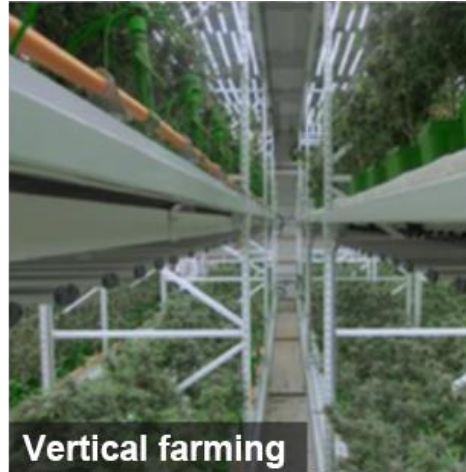
波长范围: 380-780nm

暗电压: 1248

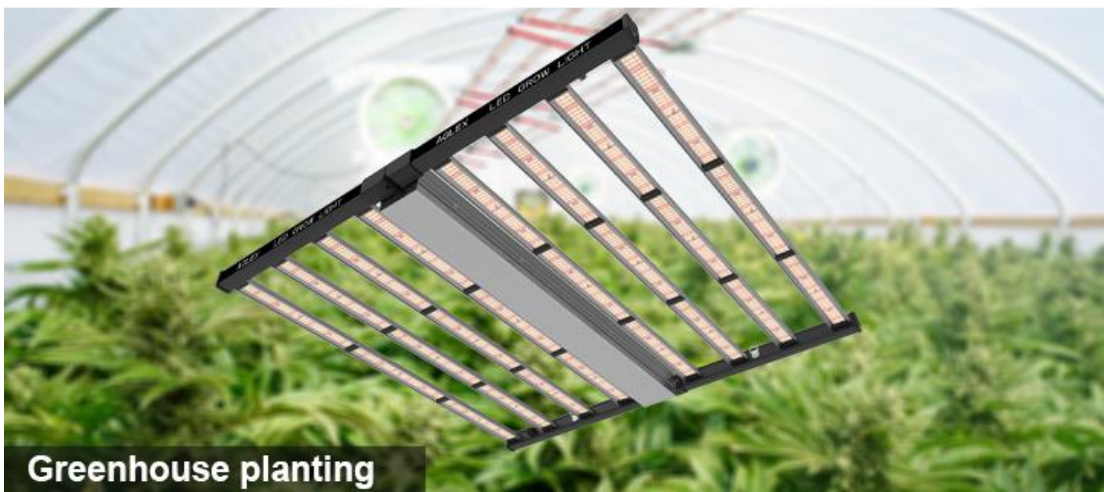
8. Application



Grow tent

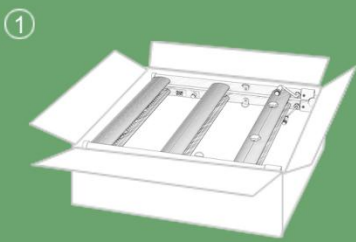


Vertical farming



Greenhouse planting

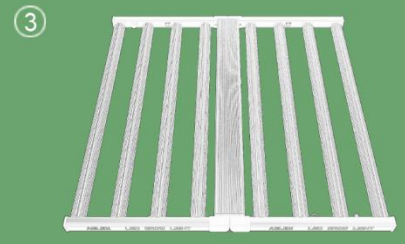
9. Installation Steps



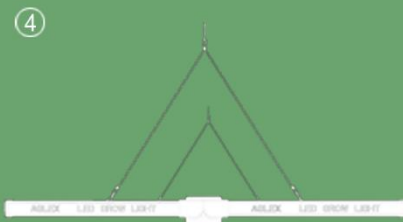
Unboxing



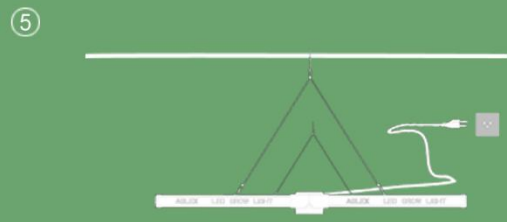
Lamp and accessories



Open the light



Hang light with packed hanger



Plug to power on the lamp