

PRODUCT SPECIFICATION

AGL-720W-LA01

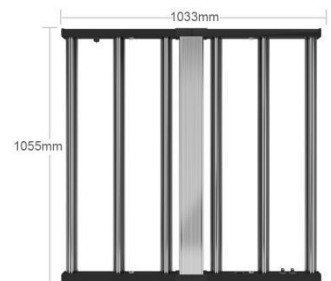


1. Product Specification

AGLEX®

PRODUCT SIZE

1055mmx1033mmx78mm



Actual Power: 720w±5%

Materials: Aluminum

Perfect Coverage: 6x6ft@12"

Input Voltage: AC100-277V ,

50-60Hz

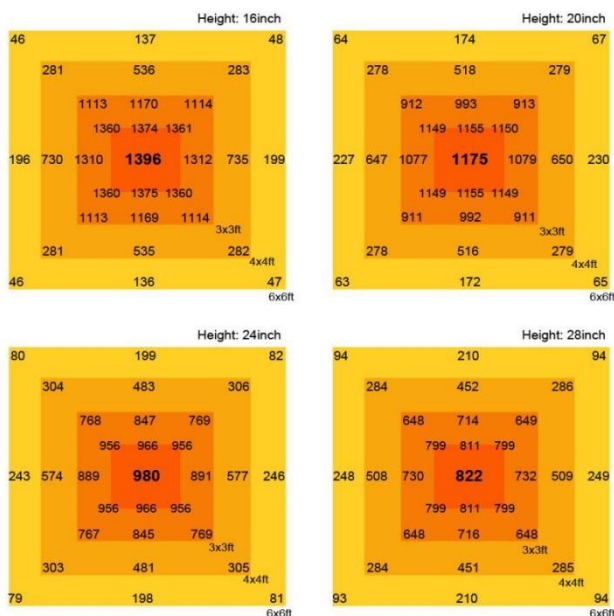
Item Weight: 28.66 lbs (13KG)

Lifespan:>50000 Hours

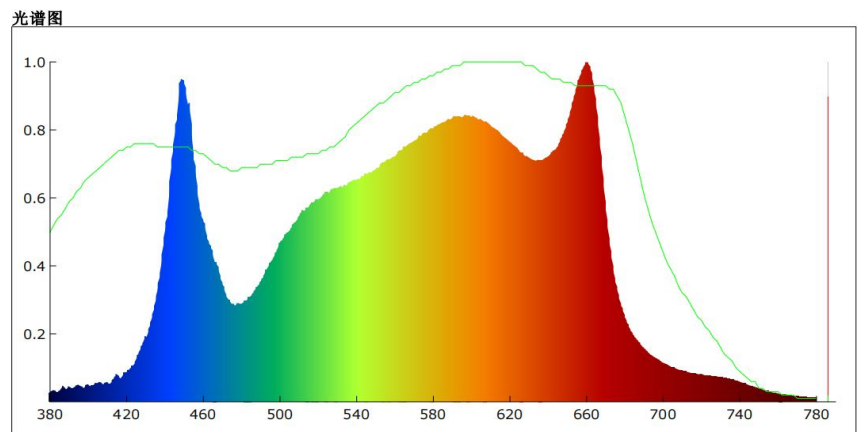
2. Product Introduction

Model Number	AGL-720W-LA01	PPF ($\mu\text{mol/s}$)	1897.813
Input Voltage	AC100-277V / 50-60HZ	PPE ($\mu\text{mol/j}$)	2.7
Input Wattage	720W \pm 5%	Radiation Flux (mW)	413900.31
Amp	AC120V-6.55A/ AC220V-3.11A	Luminous Flux (lm)	122013.269
LED Quantity	Samsung 281b+ SMD3030 - 2622pcs in total	LED Driver	3 pcs UL driver
Led Source	2160pcs White (4000K) Samsung2801b 396pcs Red (650-660nm) 36pcs IR (730-740nm)	Contents	Adjustable Hanging Rope RJ11signal wire-2m Stainless Hangers
Lamp Size (MM)	1055 x 1033 x 78mm	Power Factor	0.99
N.W. (KG)	13	Operating Temperature	(-20 $^{\circ}$ C~+40 $^{\circ}$ C)
Carton Size (CM)	110*59*17	Lifespan	50,000 Hours
G.W. (KG)	17	AC Power Cable	UL 3*18AWG
Dimming Signal	0-10V	THD	\leq 20%
Dimming Level	25%、50%、75%、100%	Warranty	3years

3. Spectrum



AGL-720W-LA01



4. LED Source



White Light
(4000K)-SAMSUNG



Red light
(660nm)
Promotes plants
flowering



Infrared light
(740nm)
Promotes plants
flowering

5. Product Feature



Daisy Chain Function

Connect 100 lamps with RJ14 ports for simultaneous control, commercial planting-friendly



180° Foldable

Quick installation, reduce labor cost



Aluminum Material

Fast heat dissipation, extend the lifespan

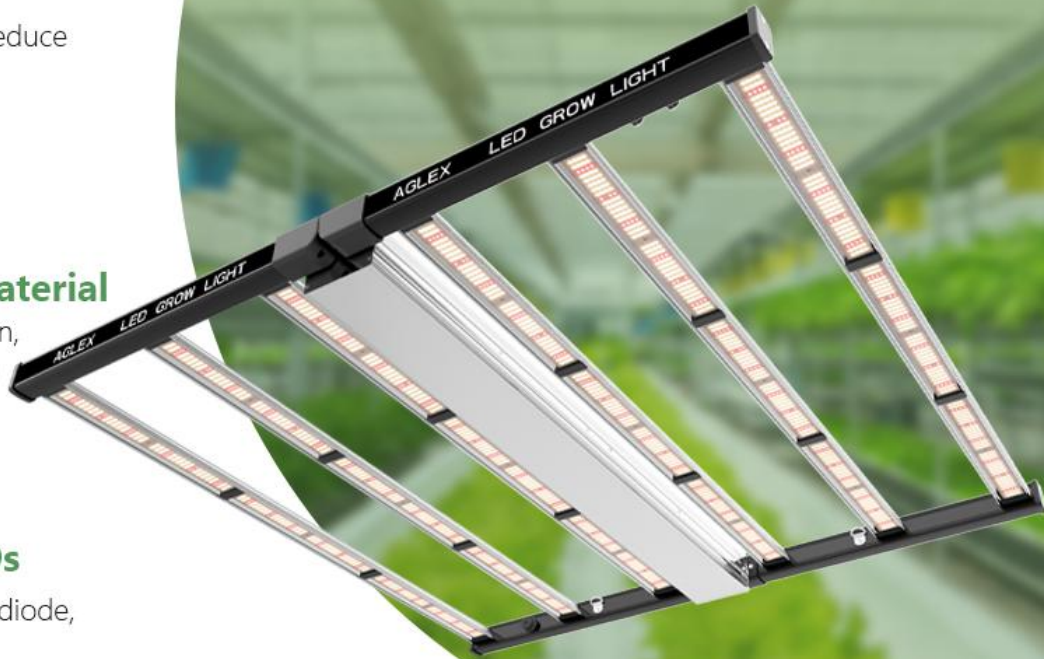


Samsung LEDs

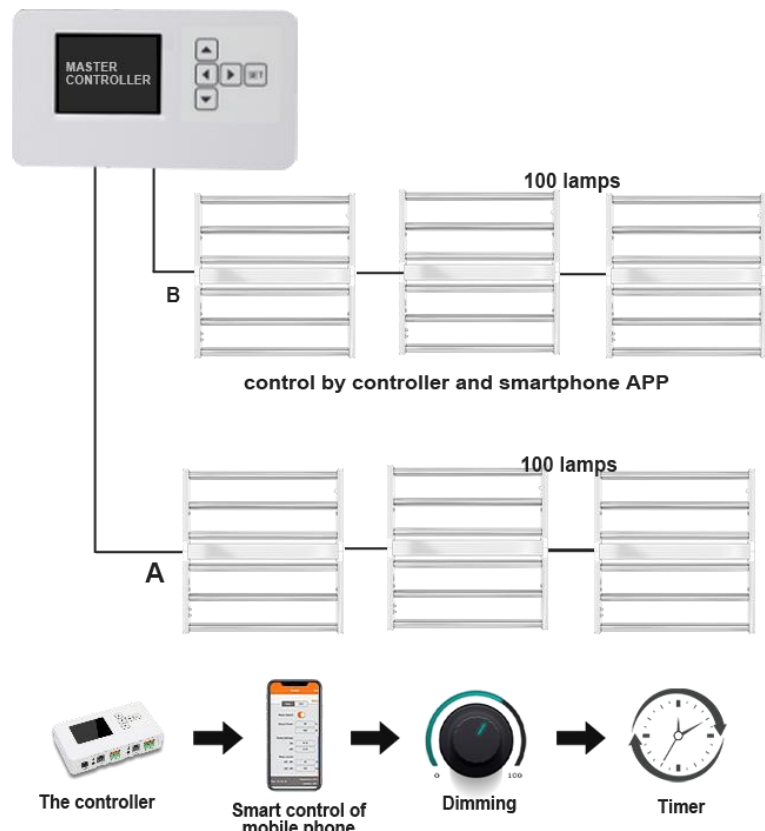
High-performance diode, 2.7 μ mol/J PPE

BEST COMMERCIAL LED GROW LIGHT SOLUTIONS

Replace traditional HPS HID CMH grow lights with eco price



6. Daisy Chain Function



7. Product Test Data

AGL-720W-LA01

深圳市亚美瑞科技有限公司
www.aglex.com
Tel: 0086-18824321931
Email: ever@aglexz.com

720W LA -100%

产品标识

产品型号:

制造厂商: 深圳市亚美瑞科技有限公司

球内温度: 0.0℃

环境温度: 0.0℃

环境湿度: 65%

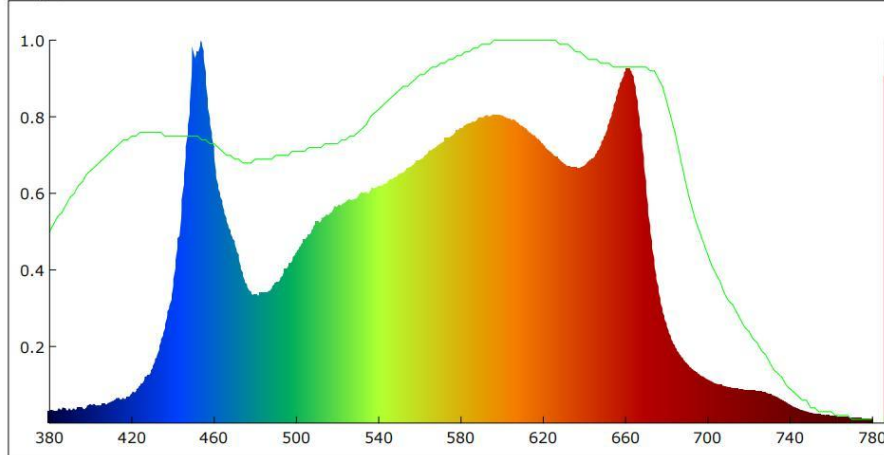
测试员: YW

测试日期: 2021-11-06

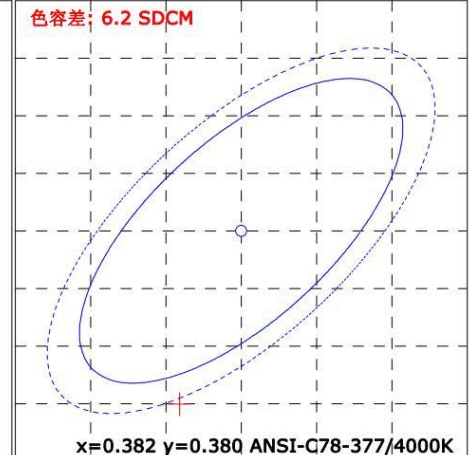
参数列表

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)	122013.269	半宽度(nm)	23.2	PPFfr(umol/s)	63.58
辐射通量(mW)	413900.31	峰值波长(nm)	450.6	PPE(umol/J)	2.71
相关色温(K)	3984	中心波长(nm)	455.9	Euv(mW)	1931.34
黑体偏离Duv	-0.00498	质心波长(nm)	568.9	Eb(mW)	90521.28
坐标x,y	0.3777,0.3647	光通量色比(RGB)	19.7,77.3,2.9	Eg(mW)	162601.14
坐标u,v	0.2282,0.3305	CIE1931 X	181606.297	Er(mW)	148372.41
坐标u',v'	0.2282,0.4957	CIE1931 Y	175331.984	Efr(mW)	10474.30
色容差	6.24	CIE1931 Z	123863.008	电压(V)	227.6
显色指数Ra	93.1	PPF(umol/s)	1897.813	电流(A)	3.069
Qa	0.0	PPFuv(umol/s)	6.31	功率(W)	700.3
明暗视觉比S/P	1.798	PPFb(umol/s)	348.95	功率因数	0.984
主波长(nm)	582.40	PPFg(umol/s)	754.26	光效(lm/W)	174.23
色纯度(%)	22.8	PPFr(umol/s)	795.52		

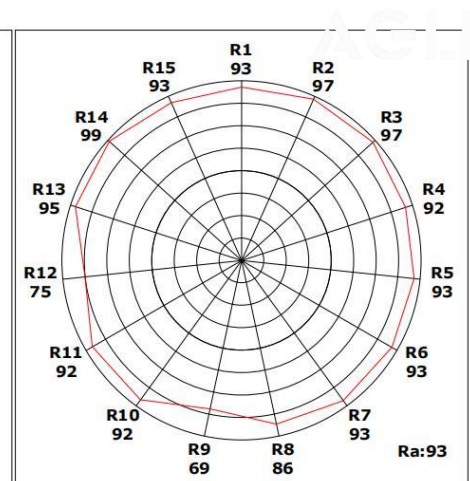
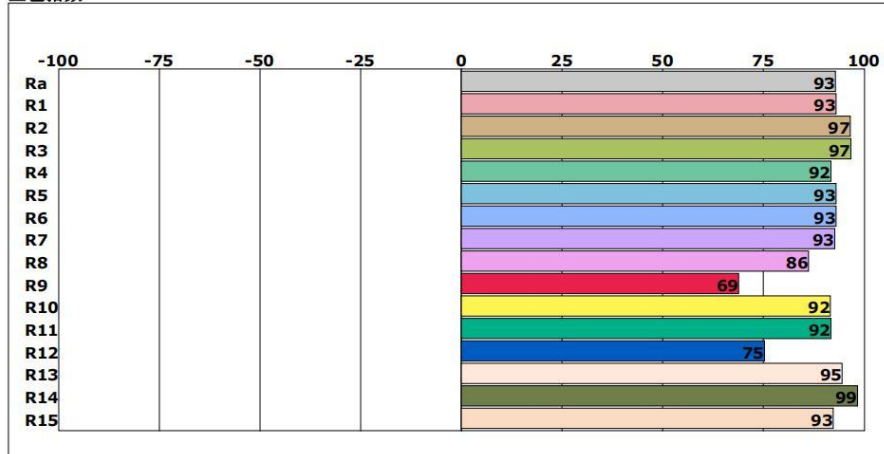
光谱图



SDCM



显色指数



仪器状态

仪器型号: HPS2000

仪器编号: 2008012

波长范围: 380-780nm

积分时间: 2.277ms

峰值信号: 59382

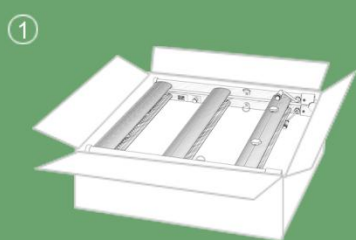
暗电压: 1249

Remark:

8. Application



9. Installation Steps



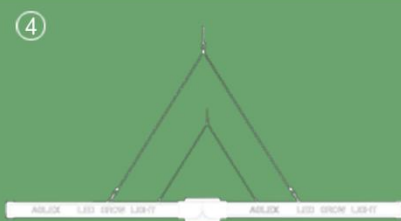
Unboxing



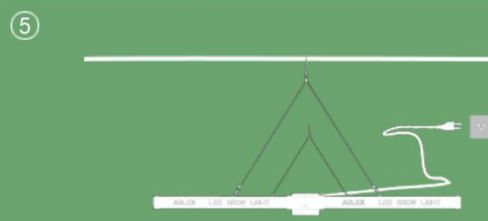
Lamp and accessories



Open the light



Hang light with packed hanger



Plug to power on the lamp