



GMY × LumiAgro

Horticulture Solutions Catalogue

家庭园艺种植机及补光灯
Horticulture Solutions Catalogue

广明源光科技股份有限公司
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GMY LIGHTING TECHNOLOGY CO., LTD.

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Apollo Grow Light Series

公司简介

Company Profile



广明源始创于1998年，总部在中国广东江门，专注于光科技应用的研发与制造。我们通过专业光源部件以及技术领先的解决方案，为感控消杀、医疗健康、高端制造、环保养殖、设施农业等领域提供专业的产品和服务。产品及方案包括254nm及222nm紫外线消毒器具、废气废水紫外消毒模组、172nm准分子光固化灯、172nm准分子光清洗灯、医疗器械光源、美容嫩肤IPL脉冲氙灯、植物补光灯及室内垂直种植方案等。

广明源年产数亿只光源产品，行销全球一百多个国家和地区，获广东省名牌产品、广东省著名商标。公司拥有专业的研发团队，为广东省“企业技术中心”、国家“高新技术企业”、“博士后科研工作站”。我们期待与合作伙伴一起“以光科技赋能美好生活”，为客户创造价值，实现社会价值与商业价值共赢。

Since 1998, GMY Lighting has evolved to become a photonics solutions provider.

GMY solves problems with light and provides a wide range of solutions including 254nm and 222nm ultraviolet disinfection equipment, waste gas and wastewater ultraviolet disinfection module, 172nm excimer curing lamp, 172nm excimer cleaning lamp, medical light source, beauty rejuvenation IPL (Intense Pulsed Light) pulsed xenon lamp, plant supplementary light, and indoor vertical planting programs, etc.

GMY produces hundreds of millions of light source products annually and sells them in more than 100 countries around the world. Our development and manufacturing campus spans an area of nearly 80,000 square meters, with over 600 employees. GMY production has been reviewed and certified under ISO 9001, ISO 14001, SA8000, and IATF 16949 guidelines, which demonstrates our commitment to producing products of the highest quality that meet international standards.

At GMY, we are dedicated to "Create better life with light." We provide customers with the best products, services, and solutions, and continuously strive to improve and innovate to deliver even greater value to our customers.

关于广明源

About GMY

20多年光科技研发制造经验
More than 20 years experience in light technology

600+

设计研发生产
销售团队
R&D\Production
and sales team

274+

知识产权
认证证书
Patents
and Certificates

100+

畅销全球
100多个国家
Sales in more than
100 countries
around the world

80000+

8万m²
工厂面积
80,000m²
Factory area



支持视频及
实地验厂
Support video
and On-site
factory inspection



来样定制
来图打样
OEM
Sample Customization
To make a sample



专业定制
品牌代工厂
ODM
Professional
Customization



优质售后
High-quality
After-sales Service

技术研发 合作高校

Cooperative Universities



湖北大学
HUBEI UNIVERSITY



五邑大学
WUYI UNIVERSITY

关于绿爱 About LumiAgro

广东绿爱生物科技股份有限公司(以下简称“广东绿爱”) (LumiAgro) 作为国内室内设施农业新锐企业, 被评为国家级高新技术企业、广东省科普教育基地、江门市新型研发机构、江门市首批通过知识产权贯标体系的企业。共获得专利19项, 其中发明专利7项, 实用新型12项, 并在学术界发表6篇核心科技论文。

广东绿爱拥有垂直农业管理体系皇冠认证, 自有占地面积1200m², 6-10层垂直系统, 总种植面积可达6000m²的种植基地。经过多年的持续性研究和试验, 我们积累了植物工厂整体方案输出的核心技术, 为每个植物品种、不同生产期匹配最佳的方案, 为现代农业提供高效、可靠的家庭种植、设施农业补光方案、以及植物工厂和种植集装箱模组整体输出方案。

Guangdong Lvai Biotechnology Co., LTD. (herein after referred to as "LumiAgro"), as a cutting-edge enterprise of indoor facility agriculture in China, has been rated as national high-tech enterprise, Guangdong Science Popularization Education Base, new research and development institution of Jiangmen City, and one of the first enterprises to pass the standard system of intellectual property in Jiangmen City. It has obtained 19 patents, including 7 invention patents and 12 utility models, and published 6 core scientific and technological papers in the academic circle.

LumiAgro has vertical agricultural management system crown certification, its own covers an area of 1200 square meters, 6-10 vertical system, the total planting area can reach 6000 square meters of planting base. After years of continuous research and experiments, we have accumulated the core technology of overall program output of plant factories, matching the best program for each plant variety and different production period, and providing efficient and reliable home planting and facility agriculture fill light program as well as overall output program for plant factories and planting container modules for modern agriculture.



为什么选择阿多尼斯系列? Why Choose Adonis Series?

适合小厨房
Suitable for
small kitchens



0农残
果蔬食用安全, 无农药残留
No pesticide residue
The fruits and vegetables are safe to eat, with no pesticide residue.



操作方便
种植更简单便捷
Easy to operate
Planting is simpler and more convenient.



30%

增长速度增加30%
智能LED生长照明系统, 模拟太阳光照, 优质光源促进植物生长
30% increase in growth rate
High-quality light source promotes plant growth.

95%

节水95%
高效节能: 科学模块设计, 节省水
95% water saving
Efficient and energy-saving: scientific module design saves water.

4x

单位占地面积产量提升4倍
垂直多层种植, 实现育苗和种植的分离
4 times increase in yield per unit area
Vertical multi-layer planting, separating seedlings and planting.



随时感受植物生长
享受家庭种植快乐, 随时可观察植物生长过程
Enjoy the pleasure of home planting
Observe the plant growth process at any time and enjoy the happiness of home planting.

送礼物佳选
精巧设计, 美观实用, 绿色生活的健康好礼
A great gift option
Exquisitely designed, beautiful and practical, a healthy gift for a green lifestyle.

阿多尼斯系列 Adonis Series



高度方便调节:

高度可调, 可根据不同生长阶段进行调节, 帮助蔬菜更好吸收光照能量, 促进生长。

Height adjustable:

Adjustable height allows for customization at different growth stages, helping vegetables absorb light energy and promote growth.

两种生长模式:

12小时和14小时两种定时模式, 采用生长光谱配方, 可种植叶菜或果菜。

Two growth modes:

Two timing modes of 12 and 14 hours with growth spectrum formulas for growing leafy greens or fruiting vegetables

水泵持续工作:

水泵持续工作, 对植物更友好。

Continuous operation of the water pump:

The continuous operation of the water pump is more beneficial to the plants.



型号 Model	输入电压 Voltage	功率 Power	材质 Texture	臂长 Arm length	种植孔位 Planting Holes	水箱容量 Tank capacity	产品尺寸 Size	种植面积 Planting area
LAD001	AC110-130V/A C220-240V	24W	ABS	46cm	10	3.6L	160*200*365mm	592cm ²

阿多尼斯系列 Adonis Series



高度方便调节:

高度可调, 可根据不同生长阶段进行调节, 帮助蔬菜更好吸收光照能量, 促进生长。

Height adjustable:

Adjustable height allows for customization at different growth stages, helping vegetables absorb light energy and promote growth.

两种生长模式:

16小时定时工作, 采用两种光谱配方, 可种植叶菜或果菜。

Two growth modes:

16-hour timer with two spectral formulas for growing leafy greens or fruiting vegetables.

品质环保材料:

不锈钢原料槽体, 精美简约, 精心配色。

High-quality and eco-friendly materials:

Stainless steel material tank with exquisite and simple design, carefully coordinated color scheme.

水泵定时开关:

水泵会循环工作, 每次开启15分钟, 关闭15分钟。

Timed water pump switch:

The pump runs on a 30-minute cycle, with 15 minutes of running and 15 minutes of rest alternately.

更大种植面积:

单茬种植可达12株植物。

Larger planting area:

A single hydroponic unit can grow up to 12 plants.



型号 Model	输入电压 Voltage	功率 Power	材质 Texture	臂长 Arm length	种植孔位 Planting holes	水箱容量 Tank capacity	产品尺寸 Size	种植面积 Planting area
LAD002	AC 110~240V	24W	304不锈钢+ABS 304 Stainless steel +ABS	47cm	12	4.5L	426*188* 165mm	800cm ²

阿多尼斯系列 Adonis Series



高度方便调节:
高度可调, 可根据不同生长阶段进行调节, 帮助蔬菜更好吸收光照能量, 促进生长。臂长可达51.7cm。

Adjustable height:
The height is adjustable to cater to different growth stages and promote vegetable growth by helping them absorb light energy. The arm can reach up to 51.7cm.

两种生长模式:
16小时定时工作, 采用两种光谱配方, 可种植叶菜或果菜。

Two growth modes:
16-hour timer with two spectral formulas for growing leafy greens or fruiting vegetables.

水泵定时开关:
水泵每次开启30分钟, 关闭30分钟, 延长使用寿命。

Timed water pump switch:
The pump runs for 30 minutes and then shuts off for 30 minutes to extend its lifespan.



型号 Model	输入电压 Voltage	功率 Power	材质 Texture	臂长 Arm length	种植孔位 Planting holes	水箱容量 Tank capacity	产品尺寸 Size	种植面积 Planting area
LAD003	AC 110~240V	22W	ABS环保塑料 ABS environment-friendly plastic	51.7cm	8	3L	260*165* 120mm	429cm ²

阿多尼斯系列 Adonis Series



高度方便调节:
高度可调, 可根据不同生长阶段进行调节, 帮助蔬菜更好吸收光照能量, 促进生长。臂长可达50.7cm。

Adjustable Height:
The height is adjustable to cater to different growth stages and help vegetables better absorb light energy for growth. The arm length can reach up to 50.7cm.

两种生长模式:
16小时定时工作, 采用两种光谱配方, 可种植叶菜或果菜。

Two growth modes:
16-hour timer with two spectral formulas for growing leafy greens or fruiting vegetables.

水泵定时开关:
水泵每次开启30分钟, 关闭30分钟, 延长使用寿命。

Timed water pump switch:
The pump runs for 30 minutes and then shuts off for 30 minutes to extend its lifespan.

更多果蔬产出:
水培机最多可同时种植12株植物, 实现更多产出。

More yields:
The hydroponic machine can grow up to 12 plants simultaneously, achieving greater yields.

内置循环风扇:
风扇降低环境温度, 促进植物蒸腾作用, 及时补充二氧化碳, 促进光合作用, 提高根系营养吸收效率。

Built-in circulating fan:
Lowers the temperature, promotes plant transpiration, provides timely CO₂ supplementation, and enhances root nutrient absorption efficiency.



型号 Model	颜色 Color	输入电压 Voltage	功率 Power	材质 Texture	臂长 Arm length	种植孔位 Planting holes	水箱容量 Tank capacity	产品尺寸 Size	种植面积 Planting area
LAD004W	白色 White	AC 110~240V	24W	ABS环保塑料 ABS environment-friendly plastic	50cm	12	4L	350*487* 260mm	910cm ²
LAD004B	黑色 Black	AC 110~240V	24W	ABS环保塑料 ABS environment-friendly plastic	50cm	12	4L	350*487* 260mm	910cm ²

阿多尼斯系列 Adonis Series



高度方便调节:

高度可调, 可根据不同生长阶段进行调节, 帮助蔬菜更好吸收光照能量, 促进生长。臂长可达52cm。

Adjustable Height:

The height can be adjusted to cater to different growth stages, helping vegetables to better absorb light energy and promote growth. The arm can reach up to 52cm.

两种生长模式:

16小时定时工作, 采用两种光谱配方, 可种植叶菜或果菜。

Two growth modes:

16-hour timer with two spectral formulas for growing leafy greens or fruiting vegetables.

水泵定时开关:

水泵每次开启30分钟, 关闭30分钟, 延长使用寿命。

Timed water pump switch:

The pump runs for 30 minutes and then shuts off for 30 minutes to extend its lifespan.

内置循环风扇:

风扇降低环境温度, 促进植物蒸腾作用, 及时补充二氧化碳, 促进光合作用, 提高根系营养吸收效率。

Built-in circulating fan:

Lowers the temperature, promotes plant transpiration, provides timely CO₂ supplementation, and enhances root nutrient absorption efficiency.

更多果蔬产出:

水培机最多可同时种植12株植物, 实现更多产出。

More yields:

The hydroponic machine can grow up to 12 plants simultaneously, achieving greater yields.

APP智能控制(可选)

手机APP智能控制, 可远程操控灯光、风扇和水泵。在缺水时, 水泵指示灯闪烁以及APP后台推送提醒加水信息。

Smart control via mobile app (optional)

Smartphone app allows remote control of lights, fan, and water pump. Water pump indicator light flashes and push notifications are sent to the app when there is a water shortage, reminding users to add water.



型号 Model	输入电压 Voltage	功率 Power	材质 Texture	臂长 Arm length	种植孔位 Planting holes	水箱容量 Tank capacity	产品尺寸 Size	种植面积 Planting area
LAD005N	AC 110~240V	24W	ABS环保塑料 ABS environment-friendly plastic	52cm	12	6.5L	260x350x541mm	910cm ²
LAD005W	AC 110~240V	24W	ABS环保塑料 ABS environment-friendly plastic	52cm	12	6.5L	260x350x541mm	910cm ²

阿多尼斯系列 Adonis Series



三种生长模式:

三档调时可选, 采用两种光谱配方, Normal为通用种植模式, Enjoy为叶菜正常生长模式, Grow为叶菜加速生长模式。

Three Growth Modes:

Three adjustable timing options with two spectral formulas. Normal is a universal growth mode, Enjoy is a normal growth mode for leafy vegetables, and Grow is an accelerated growth mode for leafy vegetables.

竹质环保材料:

带有激光雕刻标志的竹材, 让您的产品贴近自然。

Bamboo Eco-friendly Material:

Made of bamboo with laser-engraved logos, bringing your product closer to nature.

水泵定时开关:

水泵会循环工作, 每次开启5分钟, 关闭15分钟。

Timed water pump switch:

The pump runs on a 20-minute cycle, with 5 minutes of running and 15 minutes of rest alternately.

更多果蔬产出:

水培机最多可同时种植16株植物, 实现更多产出。

More yields:

The hydroponic machine can grow up to 16 plants simultaneously, achieving greater yields.



型号 Model	输入电压 Voltage	功率 Power	材质 Texture	臂长 Arm length	种植孔位 Planting holes	水箱容量 Tank capacity	产品尺寸 Size	种植面积 Planting area
LAD006	AC 110~240V	48W	ABS+竹 (ABS+ Bamboo)	38.4cm	16	7L	470x370x384mm	1739cm ²

阿多尼斯系列 Adonis Series



双重种植系统:

可选水培/土培双种植系统, 择优选择更加适合植物的种植方式, 一机解决室内种植难题。

Dual Planting System:

Choose between hydroponic or soil-based planting systems based on the plant's specific needs. This machine solves indoor planting challenges with ease.

高度方便调节:

高度可调, 可根据不同生长阶段进行调节, 帮助蔬菜更好吸收光照能量, 促进生长。臂长可达56.5cm。

Adjustable height:

The height can be adjusted to facilitate better light energy absorption by vegetables at different growth stages, promoting growth. The maximum arm length is 56.5cm.

水泵定时开关:

水泵每次开启30分钟, 关闭30分钟, 延长使用寿命。

Timed water pump switch:

The pump runs for 30 minutes and then shuts off for 30 minutes to extend its lifespan.



型号 Model	输入电压 Voltage	功率 Power	材质 Texture	臂长 Arm length	种植孔位 Planting holes	水箱容量 Tank capacity	产品尺寸 Size	种植面积 Planting area
LAD007	AC 100~240V	15W	ABS	56.5cm	6	0.8L/1.5L	250x560x180mm	255cm ²

阿多尼斯系列 Adonis Series



双重种植系统:

可选水培/土培双种植系统, 择优选择更加适合植物的种植方式, 一机解决室内种植难题。

Dual Planting System:

Choose between hydroponic or soil-based planting systems based on the plant's specific needs. This machine solves indoor planting challenges with ease.

高度方便调节:

高度可调, 可根据不同生长阶段进行调节, 帮助蔬菜更好吸收光照能量, 促进生长。可加延长杆实现最大臂长56.5cm。

Adjustable Height:

The height can be adjusted to better facilitate the absorption of light energy by vegetables at different growth stages, promoting growth. The maximum arm length can be extended to 56.5cm with an extension pole.

按需更换花盆:

可以自己添加自己喜欢的花盆植物。

Pot Replacement:

Add your favorite potted plants as desired.

四档亮度可调:

可调节不同亮度, 适于种植不同植物。

Four-Level Brightness Adjustment:

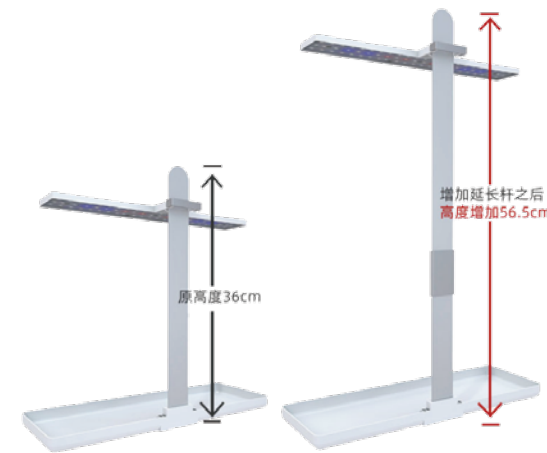
Adjustable brightness levels suitable for different types of plants.

四档定时可调:

可调节不同时间, 适于种植不同植物。

Four-speed timing adjustable:

Adjustable different time, suitable for planting different plants.



型号 Model	输入电压 Voltage	功率 Power	臂长 Arm length	材质 Texture	产品尺寸 Size	种植面积 Planting area
LAD008	AC100-240V	14W	56.5cm	ABS	250*560*180mm	458.8cm ²

阿多尼斯系列 Adonis Series



双重种植系统:

可选水培/土培双种植系统, 择优选择更加适合植物的种植方式, 一机解决室内种植难题。

Dual Planting System:

Choose between hydroponic or soil-based planting systems based on the plant's specific needs. This machine solves indoor planting challenges with ease.

竹质环保材料:

环保竹材, 让您的产品贴近自然。

Bamboo Eco-friendly Material:

Eco-friendly bamboo material, bringing your product closer to nature.

按需更换花盆:

可以自己添加自己喜欢的花盆植物。

Pot Replacement:

Add your favorite potted plants as desired.

四档亮度可调:

可调节不同亮度, 适于种植不同植物。

Four-Level Brightness Adjustment:

Adjustable brightness levels suitable for different types of plants.

四档定时可调:

可调节不同时间, 适于种植不同植物。

Four adjustable timing modes:

Adjustable timing for different plants.



型号 Model	输入电压 Voltage	功率 Power	臂长 Arm length	材质 Texture	产品尺寸 Size	种植面积 Planting area
LAD009	AC100-240V	14W	40cm	竹材 (Bamboo)	250x560x180mm	518cm ²



为什么选择德墨忒尔系列? Why Choose Demeter Series?

适合大厨房
Suitable for large kitchens



操作方便
种植更简单便捷
Easy to operate
Planting is simpler and more convenient.

0农残
果蔬食用安全, 无农药残留
No pesticide residue
The fruits and vegetables are safe to eat, with no pesticide residue.



30%

生长速度增加30%
智能LED生长照明系统, 模拟太阳光照, 优质光源促进植物生长
30% increase in growth rate
High-quality light source promotes plant growth.

95%

节水95%
高效节能: 科学模块设计, 节省水
95% water saving
Efficient and energy-saving: scientific module design saves water.

4x

单位占地面积产量提升4倍
垂直多层种植, 实现育苗和种植的分
4 times increase in yield per unit area
Vertical multi-layer planting, separating seedlings and planting.



随时感受植物生长
享受家庭种植快乐, 随时可观察植物生长过程
Enjoy the pleasure of home planting
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送礼物佳选
精巧设计, 美观实用, 绿色生活的健康好礼
A great gift option
Exquisitely designed, beautiful and practical, a healthy gift for a green lifestyle.

德墨忒尔系列 Demeter Series



60孔版
60 Holes



120孔版
102Holes

种植面积更大:
4层大水箱一次可种1平方的菜、轻厨乐趣, 鲜食亲子科普两不误。
Larger Planting Area:
With a 4-layer water tank, it can plant up to 1 square meter of vegetables, providing both fun and education for families.

用电能耗低:
建议每天补光十小时, 一天只用1度电。
Lower Energy Consumption:
Recommended to use 10 hours of light per day with only 1 kWh of electricity consumption.

食品级环保材料:
箱体采用符合美国FDA食品药品监督管理局安全认证材料, 安全可靠。
Food-grade eco-friendly material:
The body is made of materials that meet the safety certification of the U.S. Food and Drug Administration (FDA), ensuring safety and reliability.

耐腐蚀铝合金:
铝合金材质, 强度高、有抗蚀性、经久耐用。
Corrosion-resistant aluminum alloy:
Made of high-strength and corrosion-resistant aluminum alloy, durable and long-lasting.

360°水循环流动:
采用潮汐式灌溉系统, 搭载360°全方位立体灌溉技术科学可控水位, 确保植物吸收均匀。
360° Water Circulation:
Uses a tidal irrigation system and 360° three-dimensional irrigation technology for controlled water levels to ensure uniform plant absorption.

灯管高度可调:
灯管高度可自由伸缩调节, 满足植物生长需求。
Adjustable Lamp Height:
The lamp height can be freely adjusted to meet the growth needs of plants.

自动缺水提醒:
低耗能自动缺水提醒, 操作简单快捷。
Automatic Water Shortage Reminder:
Low-energy automatic water shortage reminder, with simple and fast operation.

万向轮:
刹停滑动可调节, 顺滑推动、搬运省力、安全便捷。
360-degree Casters:
The brakes and sliding of the casters can be adjusted, making it smooth to push and effortless to move, safe and convenient.

型号 Model	层数 Layer	产品尺寸 Size	输入电压 Voltage	功率 Power	材质 Texture	种植孔位 Planting holes	水箱容量 Water tank capacity	种植面积 Planting area
LAF001	4	260*930*1695mm	AC 100~240V	75W-100W	ABS+铝合金 ABS+ aluminum alloy	60/120	21*3+37.2L	单层 2418cm ² Single layer 2418cm ²

德墨忒尔系列

Demeter Series



智能控制显示:

智能控制设计, 当水位过低或水泵故障时, 屏幕自动显示提醒用户处理。

Intelligent Control Display:

Smart control design alerts users when water levels are low or the pump malfunctions.

智能水循环系统:

采用先进的潮汐式灌溉技术。此外, 可根据不同种植场景分别选择DFT或NFT种植技术。

Intelligent Water Circulation System:

Utilizes advanced tidal irrigation technology, with the option to choose between DFT or NFT planting methods for different planting scenarios.

智能光控制系统:

可根据不同植物的光需求, 任意设置不同种植层的光照时间, 智能定时控制, 满足各层植物的生长需要。

Intelligent Lighting Control System:

Customizable lighting schedules for different plant layers based on their light requirements, ensuring optimal growth.

科学层高设计:

层高设计满足常见叶菜、叶用香料的生长空间需求, 提高产量, 也可通过摘叶延长收获时间

Scientific Layer Height Design:

Accommodates common leafy vegetables and herbs, increasing yield and allowing for extended harvest periods through leaf picking.

叶菜专用光谱:

采用LED植物补光灯, 能够模拟太阳光谱。

Leafy Greens Specific Spectrum:

Features LED plant grow lights that simulate sunlight.

环保材质:

采用太空环保铝型材, 坚固耐用且美观。

Eco-friendly Materials:

Constructed with space-grade aluminum, sturdy, durable, and visually appealing.

水泵定时功能:

水泵默认每小时工作15分钟, 也可根据需要自行设置。

Pump Timer Function:

Pump operates for 15 minutes every hour by default, with customizable settings available.

内置静音风扇:

风扇降低环境温度, 促进植物蒸腾作用, 及时补充二氧化碳, 促进光合作用, 提高根系营养吸收效率。

Built-in Silent Fan:

Fan reduces environmental temperature, promotes plant transpiration, replenishes CO₂, enhances photosynthesis, and improves root nutrient absorption efficiency.

大容量水箱:

大容量水箱减少加水频率, 提高便利性; 停电时确保水不会溢出。

Large Capacity Water Tank:

Reduces frequency of refilling and prevents overflow during power outages.

型号 Model	层数 Layer	产品尺寸 Size	输入电压 Voltage	功率 Power	材质 Texture	种植孔位 Planting holes	水箱容量 Water tank capacity	种植面积 Planting area
LAF0003	4	520x800x1750mm	AC 100~240V	400W	铝材 Aluminum	192	57.5L	单层 4160cm ² (Single layer 4160cm ²)

德墨忒尔系列

Demeter Series



种植面积更大:

5层种植层, 拥有72个种植位, 85个育苗位, 实现更多采收。

Larger Planting Area:

5 planting layers with 72 planting spots and 85 seedling positions, allowing for more harvesting opportunities.

液晶面板操作更便捷:

大屏幕液晶面板, 显示更清晰, 操作更加便捷。

LCD Panel Display:

Large-screen LCD panel for clearer display and more convenient operation.

智能光控制系统:

可根据不同植物的光需求, 任意设置不同种植层的光照时间, 智能定时控制, 满足各层植物的生长需要。

Intelligent Lighting Control System:

Customizable lighting schedules for different plant layers based on their light requirements, ensuring optimal growth.

用电能耗低:

建议一天补光十小时, 一天只用1度电。

Lower Energy Consumption:

Recommended to use 10 hours of light per day with only 1 kWh of electricity consumption.

食品级环保材料:

箱体采用符合美国FDA食品药品监督管理局安全认证材料, 安全可靠。

Food-grade eco-friendly material:

The body is made of materials that meet the safety certification of the U.S. Food and Drug Administration (FDA), ensuring safety and reliability.

360°水循环流动:

采用潮汐式灌溉系统, 搭载360°全方位立体灌溉技术科学可控水位, 确保植物吸收均匀。

360° Water Circulation:

Uses a tidal irrigation system and 360° three-dimensional irrigation technology for controlled water levels to ensure uniform plant absorption.

水泵定时功能:

水泵默认每小时工作15分钟, 也可根据需要自行设置。

Pump Timer Function:

Pump operates for 15 minutes every hour by default, with customizable settings available.

自动缺水提醒:

低耗能自动缺水提醒, 操作简单快捷。

Automatic Water Shortage Reminder:

Low-energy automatic water shortage reminder, with simple and fast operation.

型号 Model	层数 Layer	产品尺寸 Size	输入电压 Voltage	功率 Power	材质 Texture	种植孔位 Planting holes	水箱容量 Water tank capacity	种植面积 Planting area
LAF002	5	400x770x1700mm	AC 100~240V	75W-100W	ABS	72+85	40.5L	单层 3080cm ² Single layer 3080cm ²

阿波罗系列

Apollo Series



订制专用光谱:

LED全光谱植物补光灯, 模拟太阳光。

Customized special spectrum:

LED full spectrum plant fill light to simulate sunlight.

低频闪:

光线稳定、护眼护鱼、不频闪、观赏更舒心。

Low frequency flashing:

Light stability, eye protection fish, no stroboscopic, more comfortable viewing.

高光效、长寿命:

LED芯片, 高透光柔光面罩, 光效高, 寿命长。

High luminous efficiency and long life:

LED chip, high light transmittance soft light mask, high light efficiency, long life.

简约设计:

外观简约, 可以搭配各种装修风格。

Simple design:

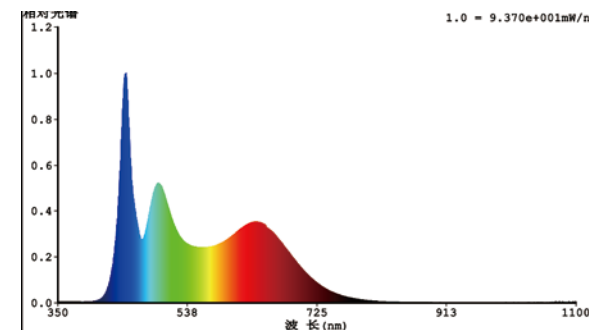
Simple appearance, can be matched with a variety of decoration styles.

安装方便:

多种安装方式接口 可以直接安装, 也可以加装伸缩钢杆。

Easy installation:

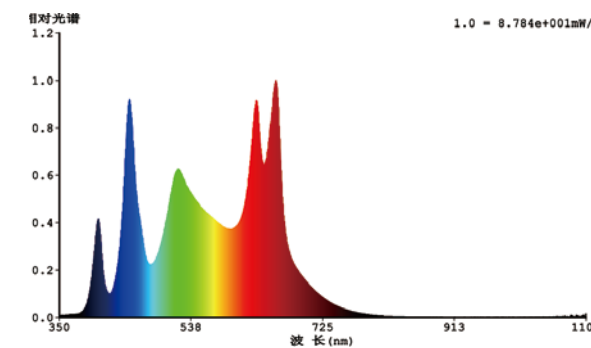
A variety of installation methods interface can be directly installed, also can be installed telescopic steel rod.



型号 Model	产品名称 Name	电压 Voltage	功率 Power	光子数 PPFD	光谱范围 Spectral range	产品尺寸 Size
LAL001	发财灯 (FACHOI) FACHOI Lamp (FACHOI)	AC100-240V	40W	40 $\mu\text{mol/s}$	380-780nm	160x160x165mm
LAL002	发财灯 (FACHOI) FACHOI Lamp (FACHOI)	AC100-240V	40W	40 $\mu\text{mol/s}$	380-780nm	ϕ 170.5x190mm

阿波罗系列

Apollo Series



静音不扰民:

低分贝运行, 静享舒适。

Silent operation without disturbing others:

Low decibel operation, providing a quiet and comfortable experience.

订制专用光谱:

350-780nm的连续光谱, 既有水草光合作用需要的大量光合光, 也有水草增色的微量有益光。充分考虑, 短波长的光在水中的透过性更强, 适当增加蓝紫光的光谱含量。

Customized special spectrum:

A continuous spectrum of 350-780nm, containing both abundant photosynthetic light for aquatic plants and a trace of beneficial light for color enhancement. Taking into consideration the stronger transmittance of short-wavelength light in water, the spectral content of blue-violet light is increased appropriately.

光分布均匀柔和:

实现光谱5个波峰, 在利于水草生长的波长上增加能量, 相比于单色灯珠阵列, 我们灯珠散发的光更加均匀柔和, 不会光分层。

Uniform and soft light distribution:

Achieving five spectral peaks, increasing energy at wavelengths conducive to aquatic plant growth. Compared to monochromatic bead arrays, our lamp beads emit more uniform and soft light without light stratification.

高显色性:

显指大于80, 更能呈现出水草艳丽多变的颜色, 更贴近自然色彩。

High color rendering:

$R_a \geq 80$, better showcasing the vibrant and varied colors of aquatic plants, closer to natural colors.

低频闪:

光线稳定不频闪, 护眼护鱼, 观赏更惬意。手机拍照无频闪波纹, 更适合拍照分享。

Low-frequency flicker:

Stable light without flicker, providing eye and fish protection and a more comfortable viewing experience. No flicker ripples when taking photos with a mobile phone, making it more suitable for photo sharing.

慢启动:

45秒的慢启动, 光强缓慢增加, 降低光线对观赏鱼的应激反应。

Slow start:

45 seconds of slow start, gradually increasing light intensity, reducing stress response of ornamental fish to light.

暖色温:

4800K的暖色光贴近视觉上的舒适色温区, 不会引起视觉上的不适。

Warm color temperature:

The 4800K warm light is close to the visually comfortable color temperature zone and will not cause visual discomfort.

散热性能优:

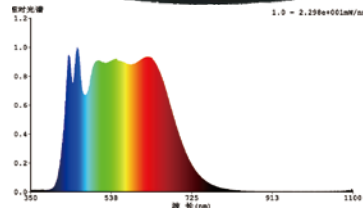
大风量风扇确保温度控制在50°C以内(超温保护临界点65°C), 大大延长灯具的使用寿命。

Excellent heat dissipation performance:

Large air volume fan ensures temperature control within 50°C (over-temperature protection threshold at 65°C), greatly extending the lamp's lifespan.

型号 Model	产品名称 Name	电压 Voltage	功率 Power	显指 CRI	光子数 PPFD	光谱范围 Spectral range	产品尺寸 Size
LAL003	水生植物补光灯 (OCEANUS) Aquatic plant fill light lamp (OCEANUS)	AC100-240V	70W	≥ 80	65 $\mu\text{mol/s}$	380-780nm	ϕ 139 x157mm

阿波罗系列 Apollo Series



搭配不同支架, 满足不同场景需要
Different supports are equipped to meet the needs of different scenes



订制专用光谱:
LED全光谱植物补光灯, 模拟太阳光。
Customized special spectrum:
LED full spectrum plant grow light to simulate sunlight.

光谱适用性广:
接近太阳光的光谱, 基本适用于自然界的所有植物。
Wide spectrum applicability:
Close to the spectrum of sunlight, basically suitable for all plants in nature.

光性能参数高:
高显色指数、高光效灯珠、高光强。
High optical performance parameters:
High color rendering, high luminous efficiency lamp beads, high light intensity.

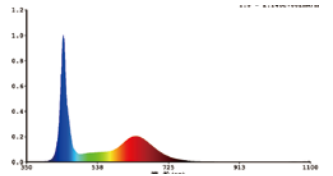
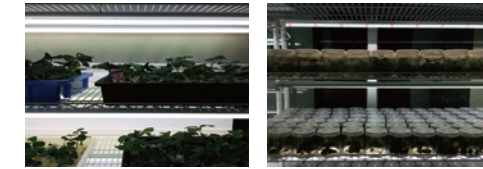
可匹配多种使用环境:
外观简约, 可以搭配在各种装修风格, 适用各种不同场景, 大方得体。
Compatible with various environments:
Simple appearance, can be matched with various decoration styles, suitable for different scenes, elegant and decent.

安装方便:
采用常用E27灯头, 安装更换一步到位。
Easy installation:
Using the common E27 lamp holder, installation and replacement are done in one step.

SKU代码 SKU code	产品名称 Product name	电压 Voltage	功率 Power	显指 CRI	光量子数 PPFD	光谱范围 Spectral range	产品尺寸 Size
LAL004	Par灯 Par Lamp	AC100-240V	17W	≥95	26 μmol/s	380-780nm	Φ122x126mm

组培灯 Tissue Culture Lamp:

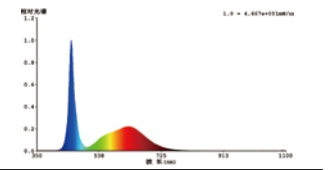
专用订制光谱: 适用于组培育苗补光。
Customized Spectrum: Suitable for tissue culture seedling supplementary lighting.



SKU代码 SKU code	型号 Model	输入电压 Voltage	功率 Power	防护等级 IP	光谱范围 Spectral range	光量子数 PPFD	产品尺寸 Size
LAL00608W	硬灯条8W 0.6m生长灯 Hard light Strip 8W-0.6m growth light	DC24V	8W	IP20	380-780nm	12 μmol/s	600mm
LAL00615W	硬灯条15W 0.9m生长灯 Hard light Strip 15W 0.9m growth light	DC24V	15W	IP20	380-780nm	26 μmol/s	900mm
LAL00624W	T8防水1.2米 24W植物灯 T8 Waterproof 1.2m 24W Plant lamp	AC90-265V	24W	IP65	380-780nm	47 μmol/s	1200mm

蔬菜灯 Vegetable lamp:

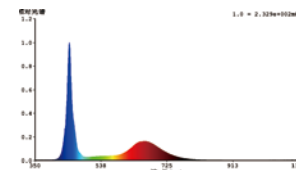
专用订制光谱: 适用于叶菜种植补光。
Customized Spectrum: Suitable for supplementary lighting in leafy vegetable cultivation.



SKU代码 SKU code	型号 Model	输入电压 Voltage	功率 Power	防护等级 IP	光谱范围 Spectral range	光量子数 PPFD	产品尺寸 Size
LAL00708W	硬灯条8W 0.6m生长灯 Hard light Strip 8W 0.6m growth light	DC24V	8W	IP20	380-780nm	12 μmol/s	600mm
LAL00715W	硬灯条15W-0.9m生长灯 Hard light Strip 15W 0.9m growth light	DC24V	15W	IP20	380-780nm	26 μmol/s	900mm
LAL00724W	T8防水1.2米 24W植物灯 T8 Waterproof 1.2m 24W Plant lamp	AC90-265V	24W	IP65	380-780nm	47 μmol/s	1200mm

多肉灯 Succulent Lamp

专用订制光谱:
适用于多肉种植补光。
促进多肉生长, 不徒长。
上色快, 使多肉颜色鲜艳。
安装简单, 使用方便。
Customized Spectrum:
Ideal for supplementary lighting in succulent planting.
Encourages succulent growth without legginess.
Enhances coloration, resulting in vibrant succulent colors.
Simple installation and easy to use.



SKU代码 SKU code	型号 Model	输入电压 Voltage	功率 Power	防护等级 IP	光谱范围 Spectral range	光量子数 PPFD	产品尺寸 Size
LAL00510W	T8 0.3m 10W	AC 100-240V	10W	IP20	380-780nm	17 μmol/s	300mm
LAL00520W	T8 0.6m 20W	AC 100-240V	20W	IP20	380-780nm	34 μmol/s	600mm
LAL00526W	T8 0.9m 26W	AC 100-240V	26W	IP20	380-780nm	47 μmol/s	900mm
LAL00530W	T8 1.2m 30W	AC 100-240V	30W	IP20	380-780nm	57 μmol/s	1200mm

									
型号 Model	LAD001	LAD002	LAD003	LAD004	LAD005	LAD006	LAD007	LAD008	LAD009
光谱配方 Spectral Formulation	通用光谱 Universal spectrum	叶菜光谱/果菜光谱 Leafy vegetable spectrum/ fruit vegetable spectrum	叶菜光谱/果菜光谱 Leafy vegetable spectrum/ fruit vegetable spectrum	叶菜光谱/果菜光谱 Leafy vegetable spectrum/ fruit vegetable spectrum	叶菜光谱/果菜光谱 Leafy vegetable spectrum/ fruit vegetable spectrum	通用光谱/叶菜光谱 Universal spectrum/ leafy spectrum	通用光谱 Universal spectrum	通用光谱 Universal spectrum	通用光谱 Universal spectrum
产品功率 Power	24W	24W	22W	24W	24W	48W	15W	14W	14W
每茬耗电 Electricity Consumption per Crop	17kw·h	17kw·h	16kw·h	17kw·h	17kw·h	35kw·h	11kw·h	10kw·h	10kw·h
每茬产出 Yield per Crop	10株 10 plants	12株 12 plants	8株 8 plants	12株 12 plants	12株 12 plants	16株 16 plants	6株 6 plants		
种植面积 Planting Area	592cm ²	800cm ²	429cm ²	910cm ²	910cm ²	1739cm ²	255cm ²	458.8cm ²	518cm ²
主体材质 Main Material	ABS	304不锈钢+ABS 304 Stainless steel +ABS	ABS环保塑料 ABS Eco-friendly Plastic	ABS环保塑料 ABS Eco-friendly Plastic	ABS环保塑料 ABS Eco-friendly Plastic	竹质+铝材+ABS Bamboo + Aluminum +ABS	ABS	ABS	竹材 Bamboo
定时模式 Timing Mode	两档 12H/14H 2 gear 12H/14H	一档 16H 1 gear 16H	一档 16H 1 gear 16H	一档 16H 1 gear 16H	一档 16H 1 gear 16H	三档12H/14H/16H式 3 gear 12H/14H/16H	两档12H/16H 2 gear 12H/16H	四档3H/9H/12H/24H 4 gear 3H/9H/12H24H	四档3H/9H/12H/24H 4 gear 3H/9H/12H24H
种植模式 Planting Pattern	水培 Hydroponics	水培 Hydroponics	水培 Hydroponics	水培 Hydroponics	水培 Hydroponics	水培 Hydroponics	水培/基质培 Hydroponics/ Substrate cultivation	水培/基质培 Hydroponics/ Substrate cultivation	水培/基质培 Hydroponics/ Substrate cultivation
储水容量 Water Storage Capacity	3.6L	4.5L	3L	4L	6.5L	7L	0.8L/1.5L		
臂长 Arm Length	46cm	47cm	51.7cm	50cm	52cm	38.4cm	56.5cm	56.5cm	40cm
循环风扇 Circulating Fan	×	×	×	✓	✓	×	×	×	×
APP智能控制(可选) APP Intelligent Control (Optional)					✓				
装箱信息 Packing Information	6/36.5*20*16 cm/ 0.079CBM	6/44*20*19cm/ 0.111CBM	9/31.5*19.5*19.5cm/ 0.121CBM	4/39*30*16 cm/ 0.089CBM	4/39.4*30*21 cm/ 0.114CBM	1/52.5*43.5*21 cm/0.048CBM	4/23*26*34.5cm/ 0.096CBM	24/39*12.5*3.5 cm/0.066CBM	24/43*14*4.5 cm/ 0.072CBM