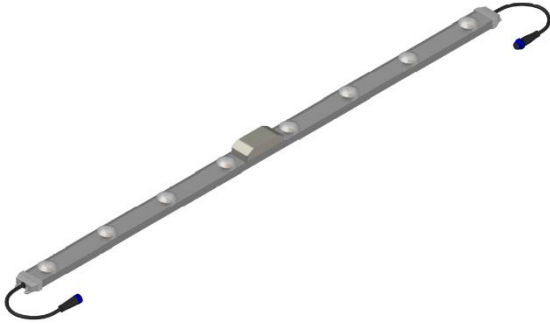
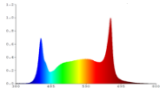
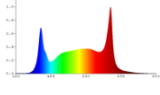


Description:

G45 交流输入植物工厂家庭园艺 LED 植物灯条，专利产品中国专利号 201620887642，独特的透镜结构-高效聚光，光谱辐射均匀，定向照射，光照利用率更高，相比旧款 T8 灯管，节能 50%；使用更少的灯建设你的植物农场，植物灯实体灌封防水，更可靠。适用于高密度层架结构的植物工厂。



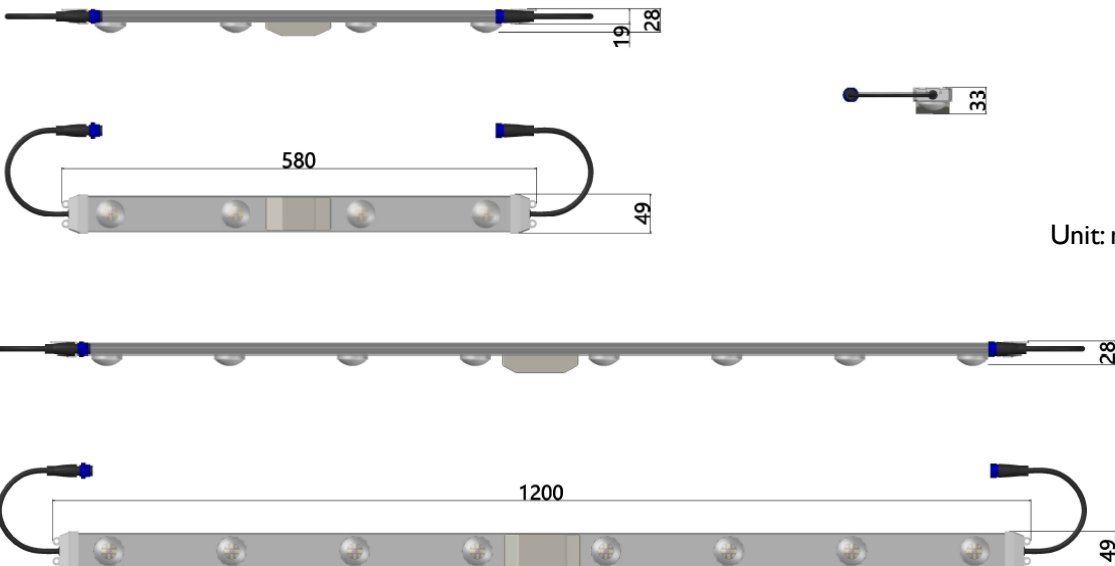
1. 室内家庭园艺，多层水培蔬菜植物灯，AC120 单条覆盖面积 0.2x1.2m
2. 独特的透镜结构，光谱辐射均匀,定向聚光照射，光利用率更高，节能 50%，相比上一代 T8 灯管
3. 防水等级 IP65，最大串联连接 15pcs/AC120V，28pcs/AC230V
4. 优选的植物光谱，并能根据要求定制光谱
5. 100%无频闪，保护眼睛，易于拍摄，更具亲和力。
6. 输入电压：AC100~240V，PF >0.9
7. CE RoHS FCC

Model	Dimension LxWxH	Spectral Wavelength	Photon PPFD $\mu\text{mol}/\text{m}^2/\text{s}$	PAR Output PPF	Power Input	Comment
G45-AC120	1200x48x21mm	F22 	310 μmol @0.2m	90 $\mu\text{mol}/\text{S}$	40W AC230V PF >0.9	单条覆盖面积 0.2x1.2m
			210 μmol @0.3m			
			130 μmol @0.5m			
GW45-AC60	580x48x21mm	F22 	300 μmol @0.2m	45 $\mu\text{mol}/\text{S}$	20W AC230V PF >0.9	单条覆盖面积 0.2x0.6m
			200 μmol @0.3m			
			120 μmol @0.5m			

工作温度: -20 °C ~ 40°C，使用寿命: 50,000 hrs (Note: Ta < 25 °C)

光电误差范围: ±10 %.

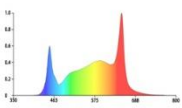
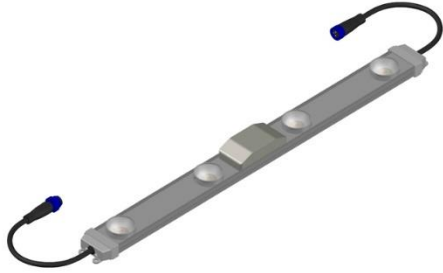
Dimension:



Unit: mm

室内家庭园艺栽培，多肉，捕虫草，草莓，立体种植，多层水培蔬菜植物灯，单条覆盖面积 0.2x1.2m

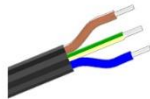
G45 Succulents & Cordyceps & Vegetable LED Grow Lights



F22 Spectrum



Easy to install

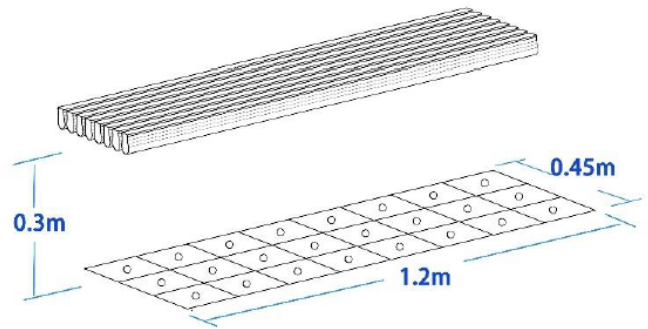
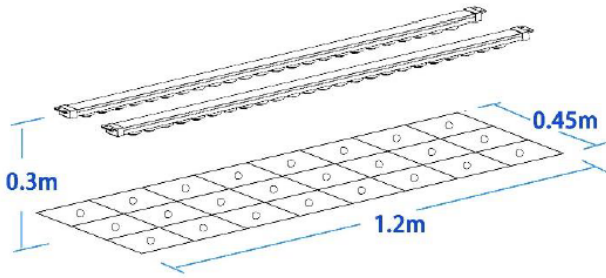


AC input

Energy saving 50%
Compared with old T8(0.3m Test)
Lens + reflector cup Improve PPFD

Patent No: 201620887642

独特的透镜结构，反光杯加聚光透镜，提高 PPFD，节能 50%，相比科瑞上一代 T8 灯管



2 条 G45-120 V3 实测功率 40W PPFD 为红色数字 单位 umol/m2/s				8 条 T8 功率 16x8=128W 实测 137W PPFD 为蓝色数字 单位 umol/m2/s			
69	93	105	111	111	107	96	71
77	103	111	113	114	112	106	78
81	118	132	137	138	134	120	88
98	139	147	150	150	148	138	100
71	101	114	115	120	116	105	78
72	108	111	111	110	107	99	74

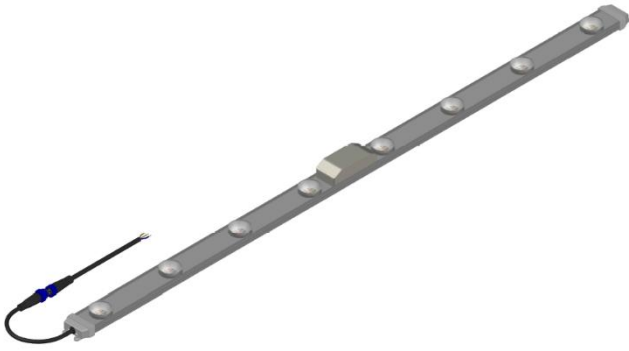
悬挂高度 0.3m，覆盖面积 0.45x1.2m。

上图 24 点平均值 G45 植物灯为 100umol/m2/s，T8 灯管为 100umol/m2/s

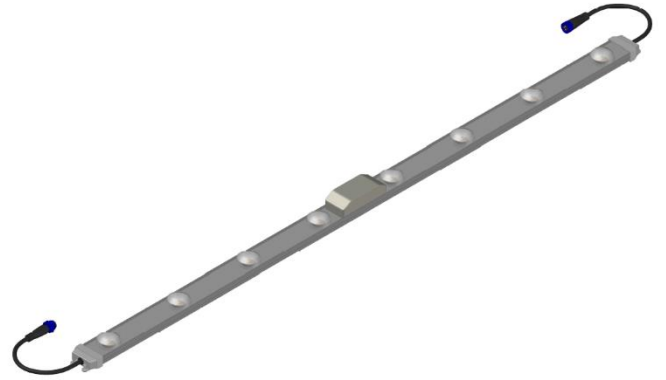
PPFD 平均值 G45 植物灯高出 T8 灯管%

功率 2 条 G45 为 40W，8 条 T8 为 137W,节能 (137-40) /137，本例中，相对来说节能 70%

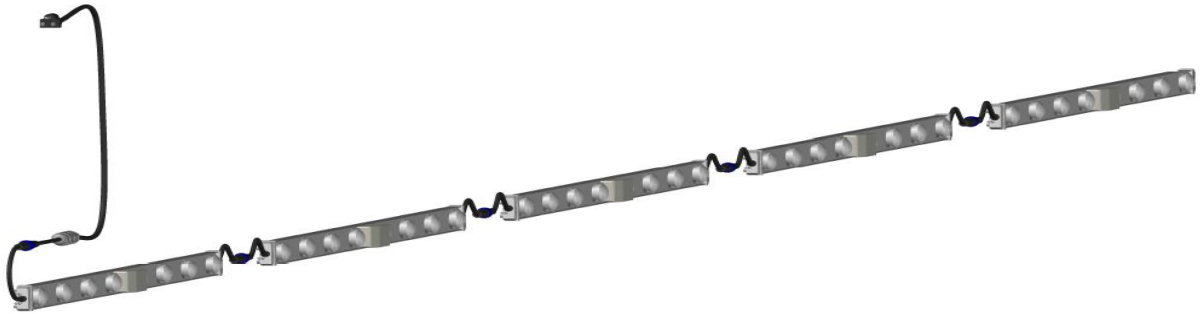
接线类型:



TYPE A 三芯电线裸线尾

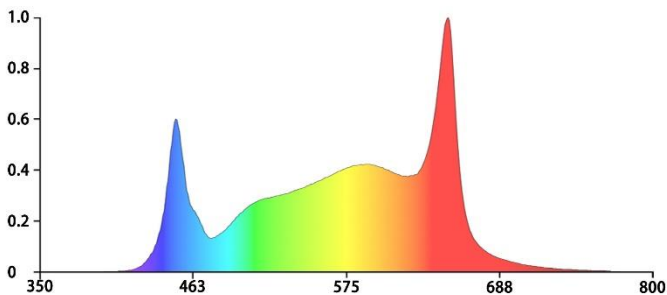


TYPE B 双头防水插头

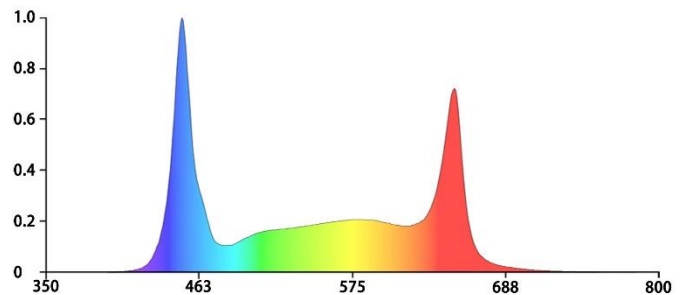


TYPE P 与 TYPE B 组成的串联连接

可选择光谱 **F22** 和 **F22B**

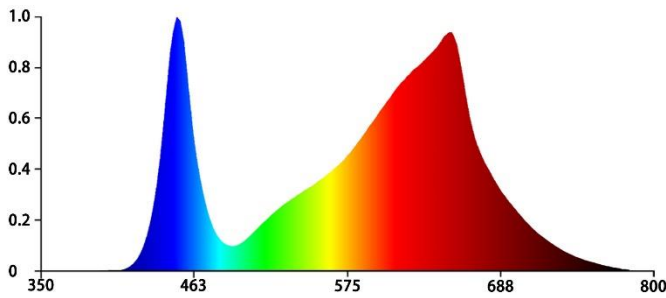


F22 光谱，推荐的全光谱，
适合绝大多数作物全周期生长

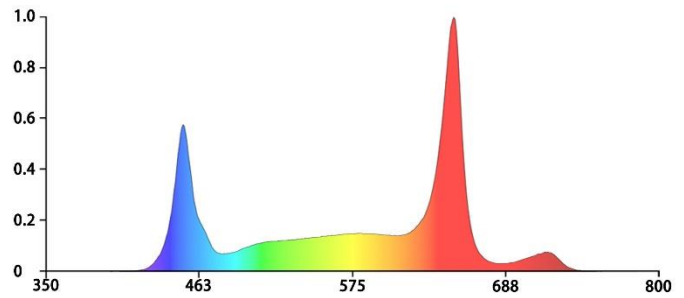


F22B 多蓝光适合幼苗和营养生长

可以定制你需要的光谱:



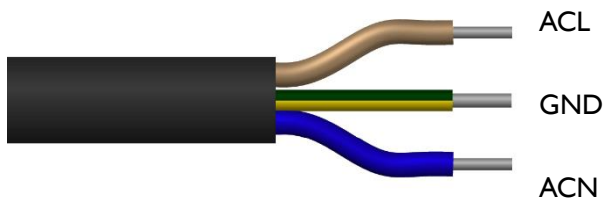
可定制的光谱（多肉植物食虫草以及观赏植物）K6A



花卉、开花类作物光谱 V7A

Installation Instructions

1. When open the package, please check whether the inside is including product, accessory, label, certificate quality. And please assure that the light is perfect without any damage.
2. The wires of LED Light is three-core, the standard size of the wire is 3*1mm² or 3*1.5mm² and the outer diameter is Φ 7~12mm, brown wire is live line, blue wire is null line, yellow & green is ground line.
3. LED Light will work when the voltage up to rated voltage, so please be sure the voltage within the requested range, or it will damage the light which can't be repaired.
4. when the electrical continuity is connected, the lead wire should be in electric insulating. The way of connect wire:



Attention

1. In order to make sure the light can work safety and stability, the ground line should be connected the earth.
2. When connecting the wires please turn off the power, and check whether the wires are connected correctly. Never connect the wires in opposite way, or the power should not be turned on.
3. Please keeping the trip bolt being fastening and reliable, in case of the light fall down of looseness.
4. When finishing connect the wires, please use the insulation gummed tape to convolve the wires, confirm the insulation and solve the waterproof problem.

More Detail Please Contact With Us

Guarantee for the quality and sales service

RX-GW45- Series LED Light is a new style green energy saving led lighting, we offer 3 years warranties.

Any question happens when opening the package, please feel free to contact with our sales service department, we will ask our professional engineer to help you solve your question asap.

Koray will not offer any guarantee in the following situation

1. The damage due to incorrect installation and operation or using the light not in the regulated working ambient.
2. The damage due to abusing or misusing, without well protection or happens in transition.

- 3.The damage due to customers open the lamp without authored or replacement the Koray confirmed accessories by themselves.
- 4.The damage due to personal or nature disaster and other things can't be predicted.