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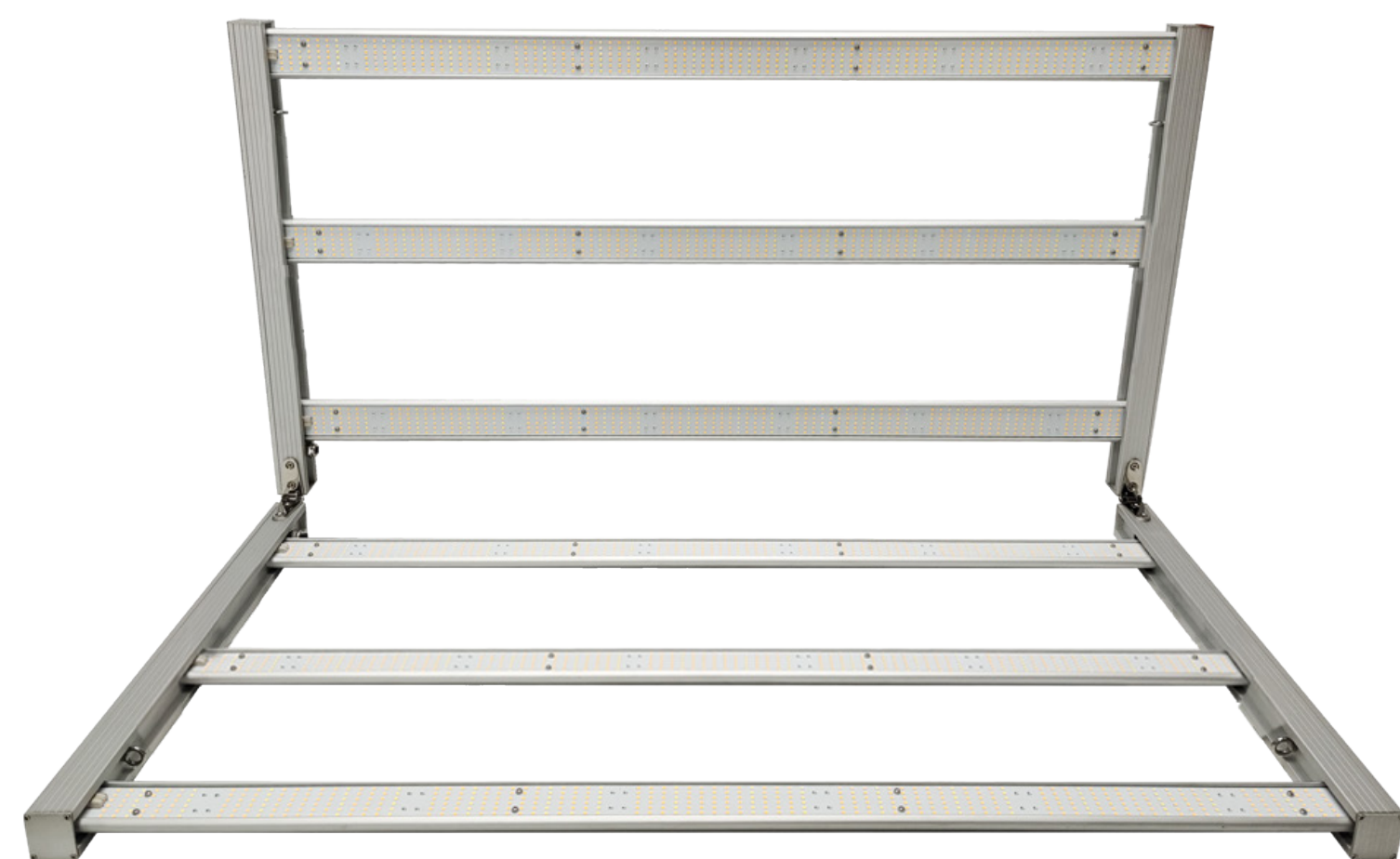
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## 650W FOLDABLE BAR LED GROW LIGHT



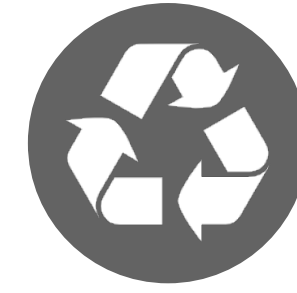
Long life circle



High efficacy



IP65 waterproof



Environment friendly  
& Energy saving



# Introduction

**650W** FOLDABLE BAR LED GROW LIGHT is a planting solution specially designed for high performance and high quality growers. It uses 0 ~10V / PWM/ Timer dimming function to control PPFd to meet every growth stage of the plant. It's designed for herbs, ornamental plants, seeds, leaf \ vegetables and fruits growing for vertical farm, indoor greenhouse plants, horticultural grow lighting and hydroponics growers, is the best replacement to traditional Halogen lamps and Sodium lamps. With ultra-thin and folding design, It provides easy transportation and installation.



# Overview



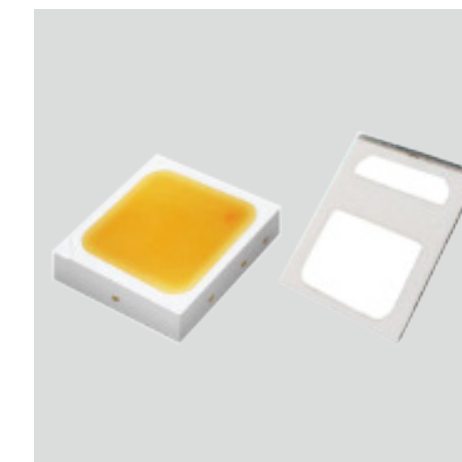
## Design Features



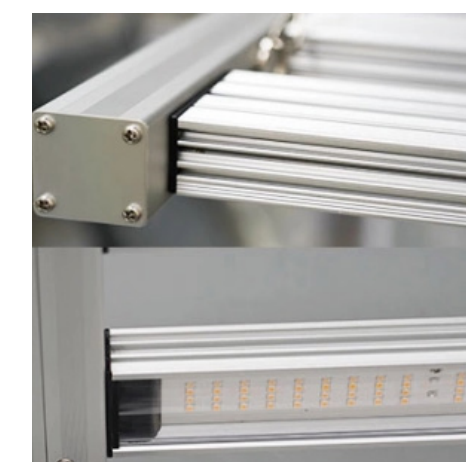
Can be hung horizontally and vertically, suitable for tall vertical planting projects, so that the bottom of the plant can also get enough light absorption



Use INVENTRONICS drive power, more suitable for industrial engineering purposes



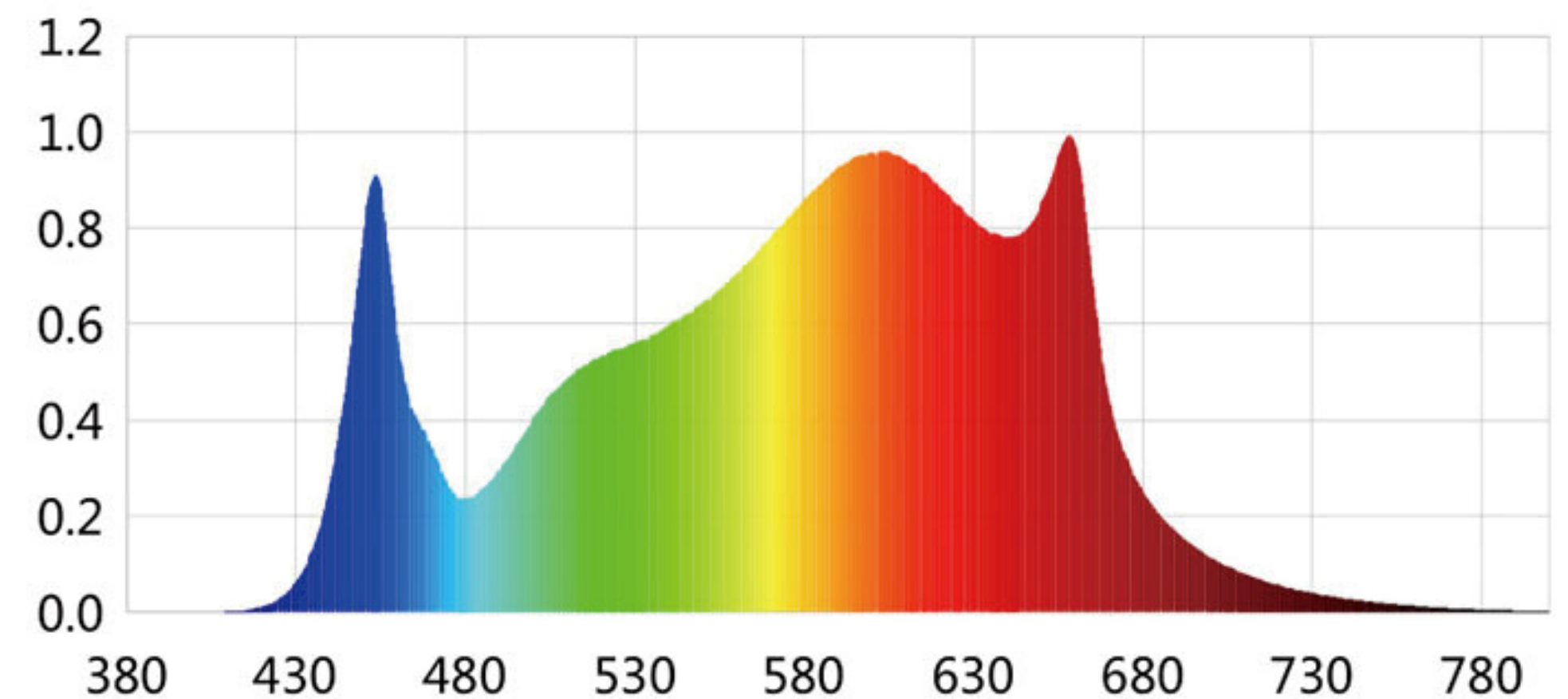
Use Samsung 2835 lamp beads (optional), which have the highest output of Umol on the market, and place them evenly to create a uniform plant canopy



Using 6063 pure aluminum for heat dissipation, air convection design, better heat dissipation, heat sink 0.5mm

## Technical Parameters

PPFD	@12" : 1456 $\mu\text{mol}/\text{m}^2/\text{s}$ @24" : 1156 $\mu\text{mol}/\text{m}^2/\text{s}$
PPF	1755 $\mu\text{mol}/\text{s}$
Efficiency	2.7 $\mu\text{mol}/\text{J}$
Power Supply	INVENTRONICS
Beam Angle	120°







# 650W LED GROW LIGHT


## Product Parameters


Product Number /	Input Power /	Temperature Working /
CH-GROW-05-650W	650W	-35 -+55
Power Factor /	CCT /	Dimming /
PF≥0.95	3000-3500K	0-10V dimming
Frequency /	CRI /	Illumination range /
50/60Hz	≥80	5*5/1500MM*1500MM
Service Life /	Lamp Body Color /	Material /
50.000 hous	Silver	6063 Pure aluminum
Input Voltage /	IP Grade /	Certificate /
AC100-277V	IP65 grade	ETL,CE,RoHS
Warranty /	Installation height /	
5 years	30-60cm	
Lamp Brand /		
Samsung 2835 2016pcs + 660nm 96pcs		


Product Size	Net Weight	Package size	Gross weight
1108*1105*50mm	10.5KG	1130*580*115mm	11.5KG














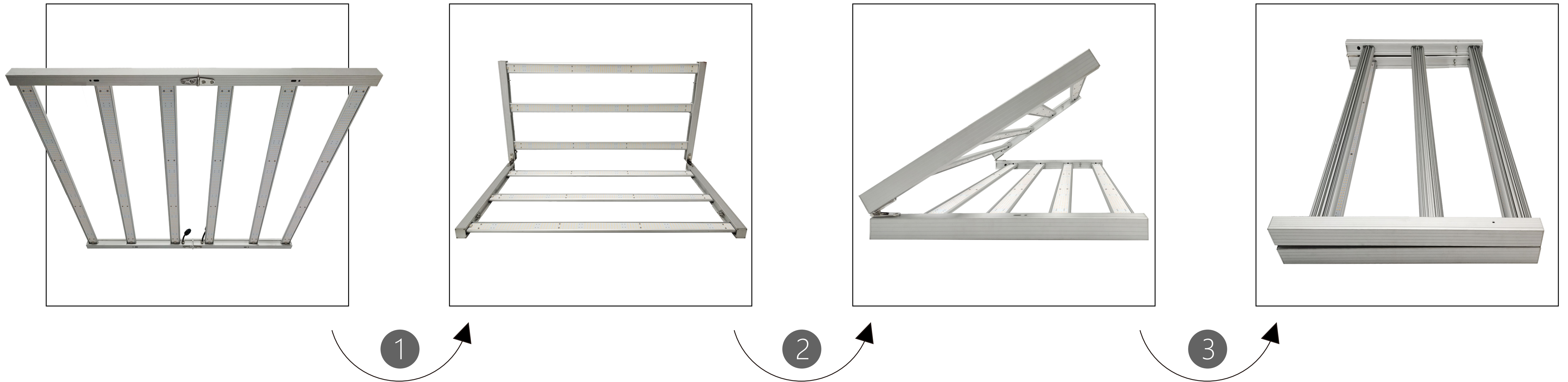


# Specifications



# Details

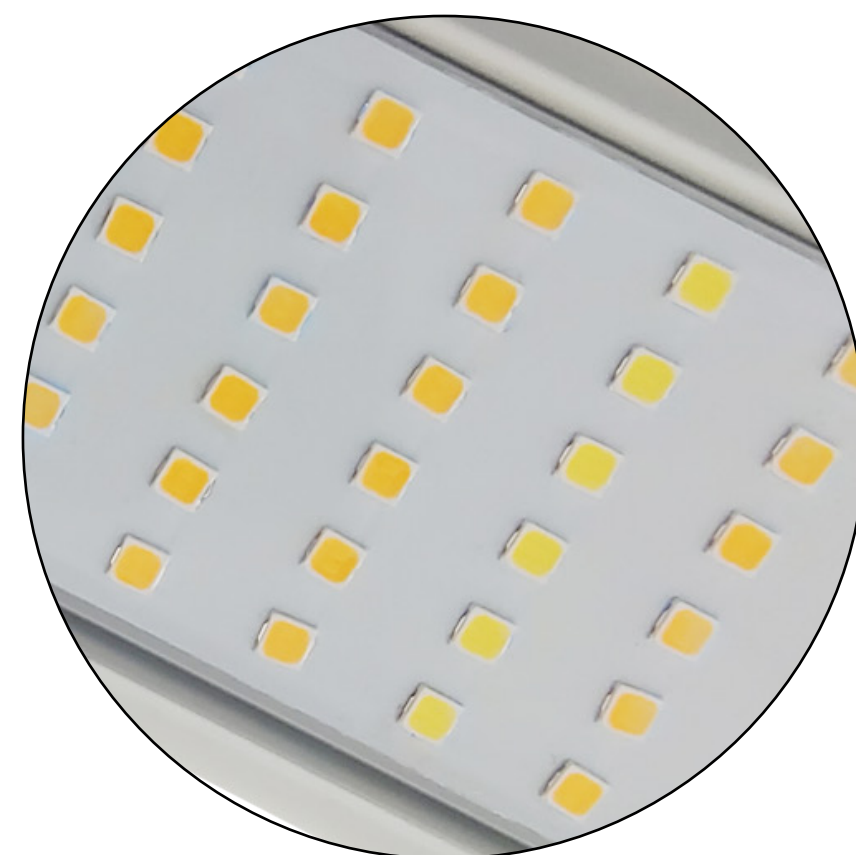
## Folding and assembling



## Close-up views



IP65 UL Certification waterproof cords



Original Samsung 2835 SMD high output Led chip



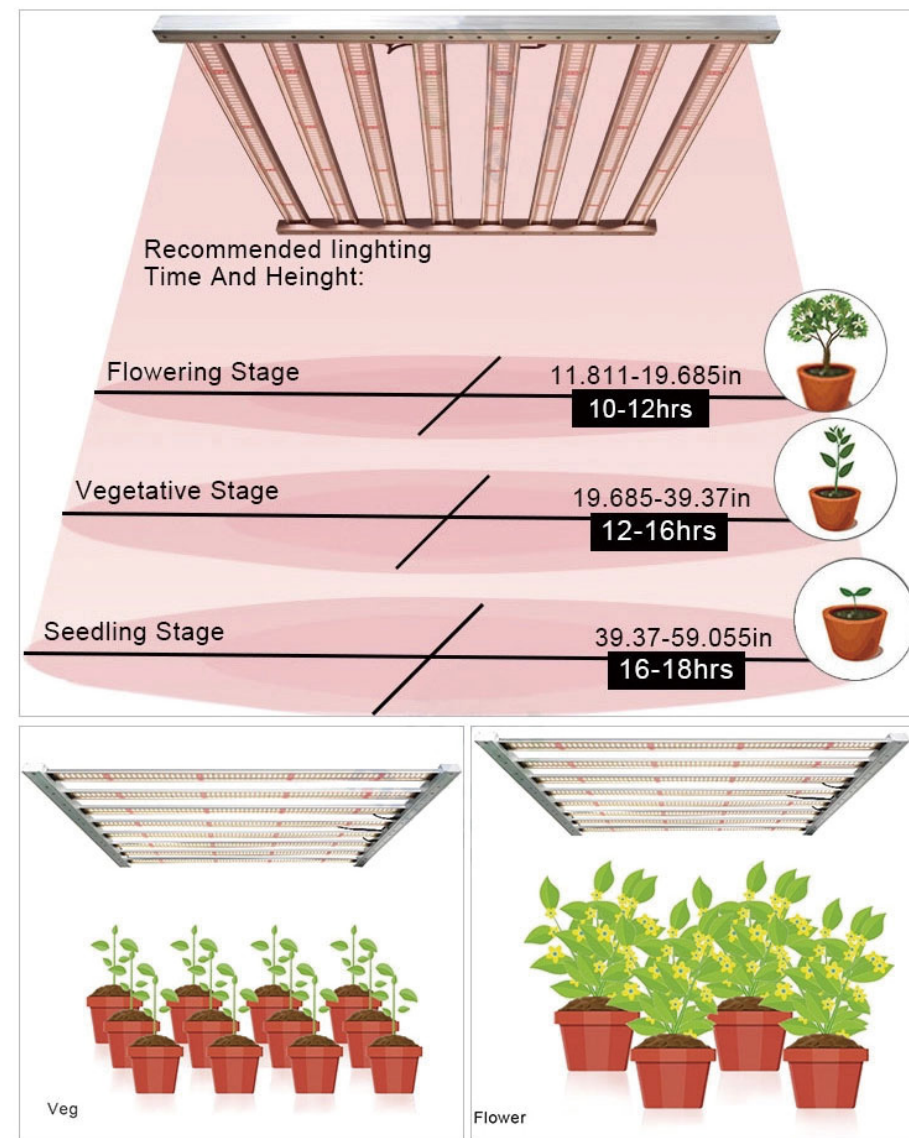
0-10V dimming knob, can be adjusted 20% 40% 60% 80%



Durable daisy chain with stainless steel hook



# Applications



## ★ Instructions for use

1. The working voltage of this product: AC 100-277V 50/60 Hz, please do not exceed the working voltage range;
2. Please handle with care when transporting and storing, and don't press it heavily.

## ★ Installation instructions

1. Install the hanging wire through the product, directly hanging above the plant, the recommended installation height is 30-60cm;
2. Working environment temperature  $-30^{\circ}\text{C}$   $-+55^{\circ}\text{C}$  storage;
3. When installing the lamps, the wiring and the wiring are closed to prevent leakage;
4. When connecting an external power cord, you must take corresponding measures for waterproofing and water leakage;
5. The independent power supply box design is conducive to the heat dissipation of the lamp body, reduces light decay and prolongs the service life of the light source;
6. Support the system to connect to the Internet, which can realize intelligent control of lamps and lanterns and improve energy-saving benefits.

## Product Packaging



## Application Scenario



## ★ Maintenance and repair instructions

1. Please make sure that the power has been cut off before maintenance;
2. Clean the surface of the lamps regularly to maintain high light transmittance;

## ★ QUALITY ASSURANCE, AFTER-SALES SERVICE

1. This product has a 5-year warranty for the entire lamp. Under normal conditions of use, quality assurance is based on the correct storage, installation, use and maintenance of the product;
2. Product damage caused by improper installation and use or violation of product operating procedures is not within the scope of the guarantee;
3. For quality problems during the warranty period, the company will choose to repair, exchange (parts) or replace with new products during the warranty period;
4. methods to solve; beyond the warranty period, materials and labor will be charged appropriately.