

Specification

Products introduction :

CGL102 Foldable Led grow Light is a intelligent led grow light designed for commercial cannabis growing, made from independent optical modules and electrical modules, with precise and efficient spectral ,100% of the electricity is converted into energy , and the plant growth and harvesting time can be shortened through intelligent control. **The CGL102 LED Grow Lights is a 1782 umols fixture.,PPF Efficiency reach 2.7 umol/J and 3.0 umol/J can be customized .**

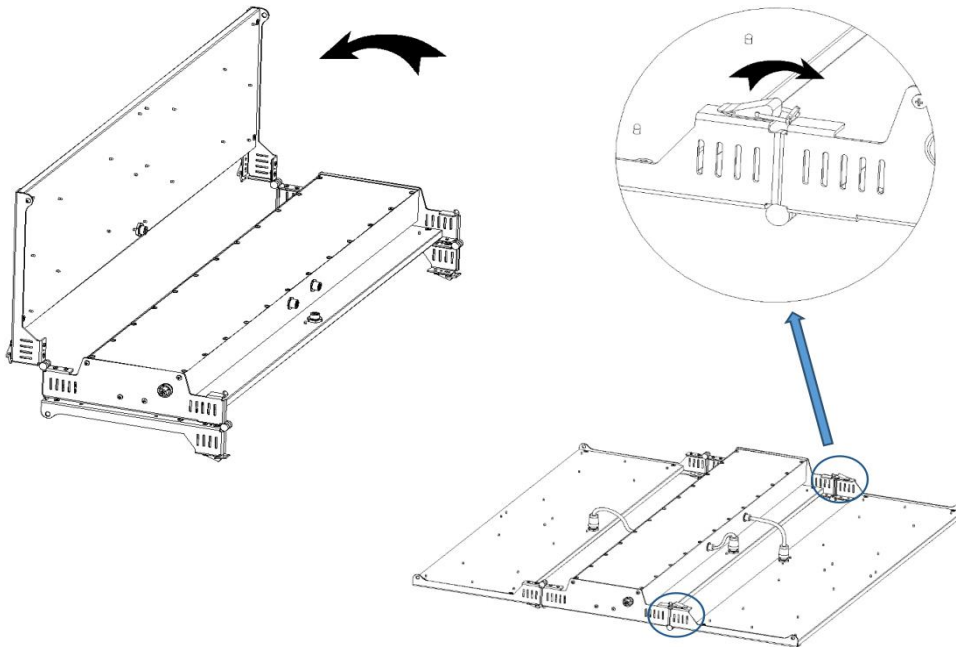
The foldable design feature can save your shipping cost.Then unfold can plug and play directly and conveniently.



Features:

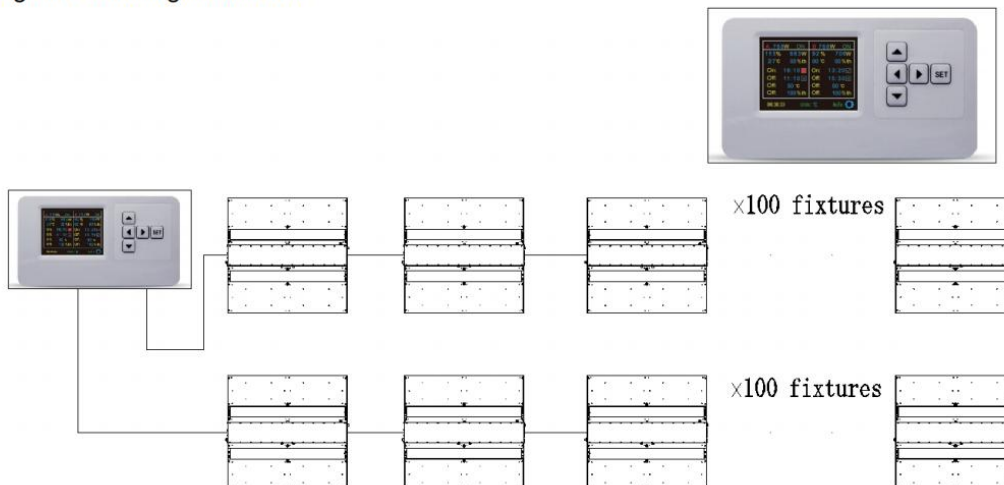
1. Patented foldable & tool-free assembly design:

Highly save the volume for foldable design when packing and shipping , and tool-free when you get the light , only unfold it and lock it , save your time and labor cost .



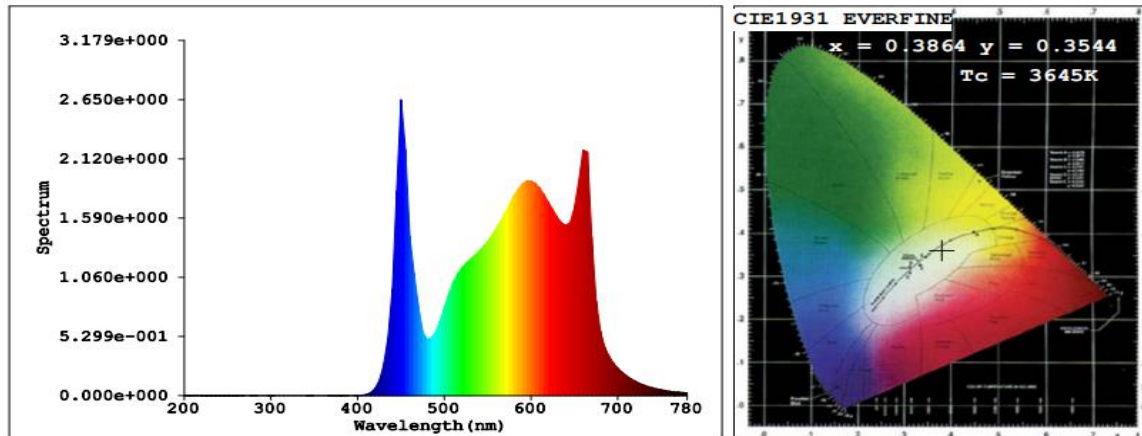
2. Industrial DALI control system and other control system optional , can control 100 pcs by one controller, Adopt UL Listed Constant current driver supply with dimming function , plus LED screen show the main parameters when working : voltage , power , temperature ect , stable and easy on operation even in large farm. You can also use hand dimmer to adjust for some individual light once you need .

Diagram of Intelligent Module;



3.High PPF and Uniform :Total 1782 umols for 660W , PPF 2.7 umol/J, and 3.0 umol/J light also can be customized.

Plant optics Test Report



Plant Parameters:

Flux(lm): 106604
Spectral radiance(W/nm): 366.6
Flux(W): 359.7
Efficiency: 0.5586
PPE: 2.656

Qv(lm.s): 106604
Qe(J): 366.6
Far-red flux(W): 7.978
Effi-fr: 0.01239
Kfr: 0.07495

4.IP65 Waterproof, no fans , no noise: adopt 6063 Aluminum as heatsink provide enough heat dissipation ,**Coated with a baked-on clear lacquer to preserve the surface,**ensure best performance of the light , low light decay.



Basic Parameters:

| SPECIFICATION | | |
|-------------------------|---|--|
| Status | Knob dimmer | DALI dimming |
| Photo |  |  |
| Model No. | CGL102k | CGL103D |
| Power (W) | 650W | 650W |
| Dimension (mm) | 940*900x74mm | 940*900x74mm |
| Input voltage | AC 100 ~ 277V | AC 100 ~ 277V |
| Light source | Epistar/SanAn/LEDstar | Epistar/SanAn/LEDstar |
| Wavelength | 350-720nm | 350-720nm |
| Dimming | hand knob | 0-100% DALI |
| PF Factor | >0.95 | >0.95 |
| Output PPF | 1710umol/s | 1710 umol/s |
| PPF Efficiency | 2.7umol/s/W | 2.7umol/s/W |
| G.W (kg) | 29 kg | 29 kg |
| Carton Size (cm) | 99*36*21cm | 99*36*21cm |
| IP Grade | IP65 | IP65 |
| Warranty | 5 years | 5 years |

Packaging&Delivery :



Carton Dimension :99*36*21cm (3.28x1.16x0.685 ft)

N.W./CTN :11kg (23.81LBS)

G.W./CTN :14kg (30.8LBS)

Lead time:

Sample 1 pc: 1-3 working days

2-20 pcs : 3-7 working days

21-100 pcs : 10 working days

>100pcs : to be confirmed

Applications:

- Greenhouse Lighting, Indoor Farm Lighting, Grow Room Lighting, Horticulture Lighting, Grow Tent Lighting
- Medical plants, Vegetable, Flowers, Crops, Fruits, Herbs, Leafy greens, pot culture,
- Clone, seedlings,, vegetative stage, blooming, harvest