Company Introduction :

Shenzhen Fullux lighting Technology Co,.Ltd is a leading company specializes in Led lights since foundation in 2014 , as market changes , turn to specializes in LED grow lights since 2017 for different plants such as cucumber,tomatoes , cannabis etc,apply to different places such as tents,containers ,farms ,gained recognition from users .

"Higher Intensity, Better Coverage, More advanced features and Easier to operate ,Cost-effective " is our design and manufacturing philosophy .

We customized our light spectrum to optimize plant growth and increase yields while consuming less energy and reducing operating costs compared with traditional HID,HPS lights, largely directly replace HID, HPS lights !

We also provide relevant light solution service such new farm building , farm upgrading ,products customize, OEM &ODM is welcome !

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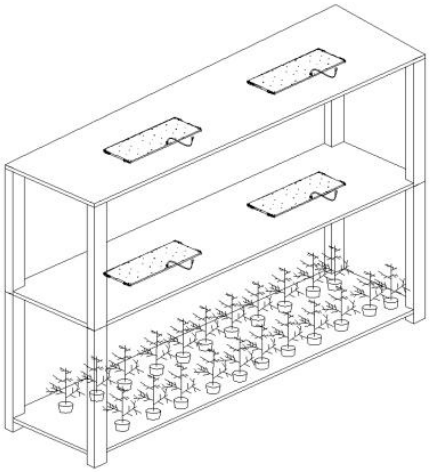
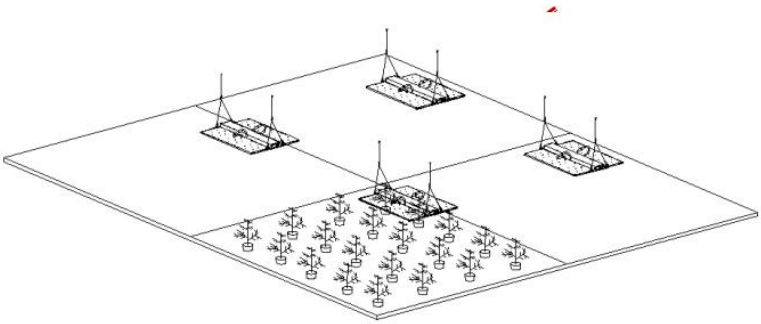
Products introduction :

CGL103 Foldable Led grow Light is a full-cycle smart led grow light solution for commercial cannabis cultivation, have patented independent optical modules and electrical modules, with precise and efficient spectral ,100% of the electricity is converted into energy and harvesting results, and the plant growth and harvesting time can be shortened through intelligent control.The foldable design feature can save your shipping cost.Then unfold can plug and play directly and conveniently.

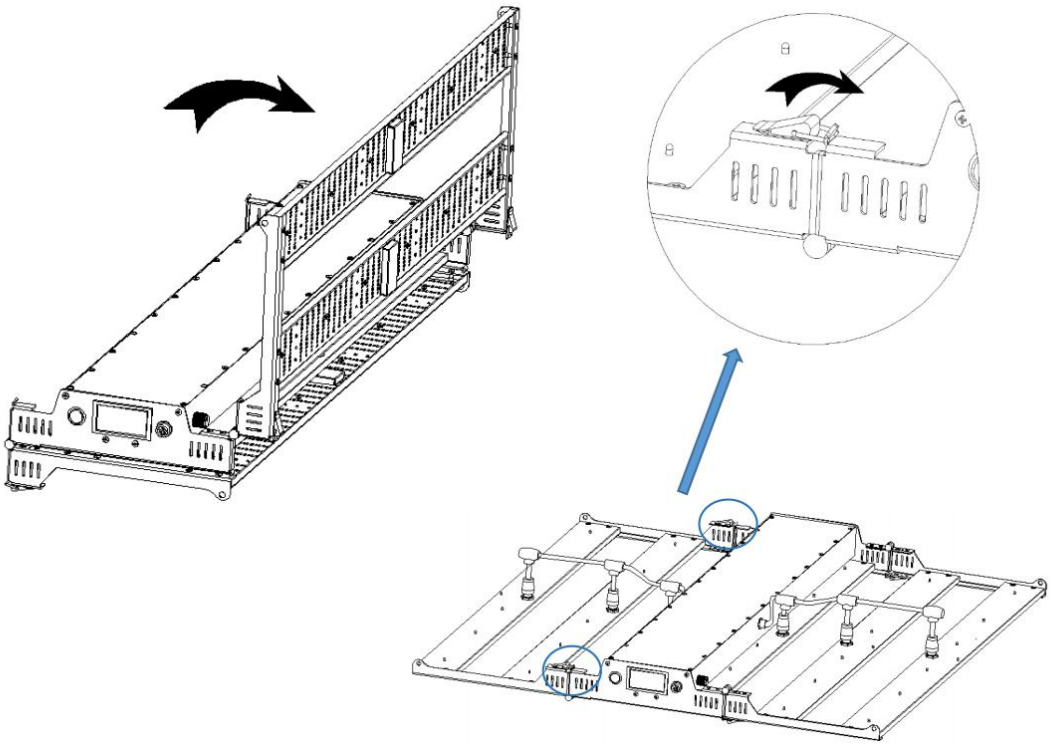




Features:

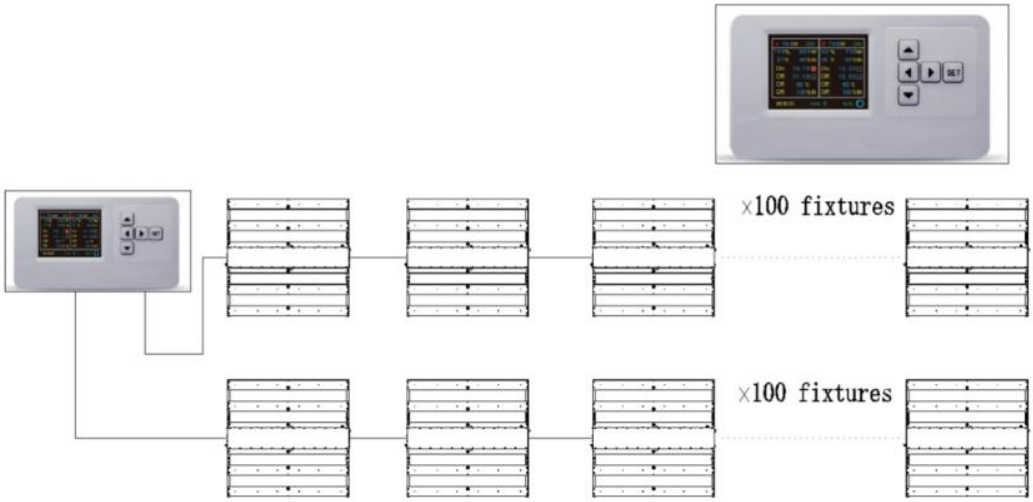
1. Patented foldable & tool-free assembly design:

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 .



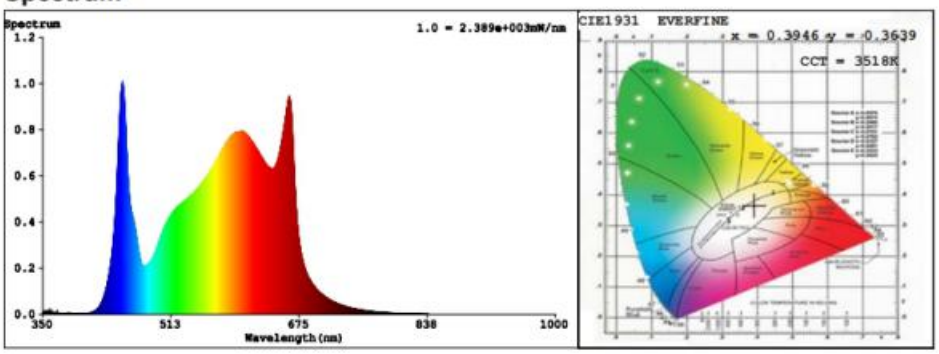
2. **Industrial DALI control system optional , can contal 100 pcs by one controller**,stable and easy on operation. You can also use hand dimmer to adjust sfor some individual light once you need .

6、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.

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: x = 0.3946 y = 0.3639 / u' = 0.2400 v' = 0.4979 (duv=-9.85e-03)

CCT= 3518K Prcp WL: Ld=586.7nm Purity=27.6%

Peak WL: Lp=451nm FWHM: =16.9nm Ratio:R=21.5% G=74.9% B=3.6%

Render Index: Ra = 90.8 TM30:Rf=85 Rg=103

R1 =92 R2 =96 R3 =96 R4 =89 R5 =92 R6 =92 R7 =89

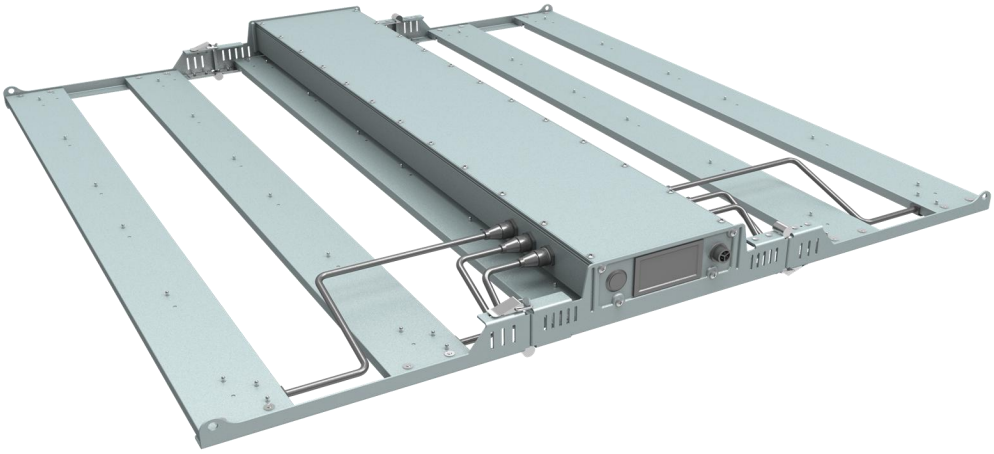
R8 =81 R9 =59 R10=90 R11=89 R12=77 R13=93 R14=98 R15=91

LEVEL:OUT WHITE:OUT

Photometric & Radiometric Parameters

Flux = 103761 lm Eff. : 161.27 lm/W Fe = 352.07 W

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.	**CGL103k**	**CGL103D**
Power (W)	**660W**	**660W**
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	1782 umol/s	1782 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