

LED Grow Light 400 Watt 400W Full Spectrum LED Grow Light For 4x2ft Coverage Area UL CE Certificate

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: ANROFU
- Certification: CE ROHS FCC DLC ETL
- Model Number: HY4-400W-1F2-110
- Minimum Order Quantity: 1
- Packaging Details: Carton Box :1150X80X550mm Gross Weight: 7.1kg/ctn
- Delivery Time: 3-5 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000 PCS Per Day



Product Specification

- Power: 400W +/-5%
- Input Voltage: 100-277VAC 50/60Hz
- Lumen Efficiency CRI: 160LM/W >80
- Full Spectrum: Full Spectrum White Light+395nm+460nm+660nm+730nm
- PPFD (Photosynthetic Photon Flux Density) (380-780nm): 1000μmol/m²/s
- Lifespan: 50,000 Hours
- Heat Dissipation: Aluminum Heat Sink
- Daisy Chain: Yes
- Coverage Area: 4x2ft
- Mounting Height: ≥ 6" (15.2cm) Above Canopy
- Supplementation Time: Vegetative Stage: 12 - 14 Hours On; Flowering Stage: 9-12 Hours On; Fruiting Stage: 7-8 Hours On.



More Images



Product Description

Description

[Daisy-Chain One Channel Dimmable] This led grow light for indoor plant has a master dimmable controller to control the light intensity required for different plant growth stages. One channel dimmer is easy for client to dimmable the different wavelength of spectrum. The daisy-chain function allows you to connect 50-100 LED grow lamps and can be dimmed simultaneously.

[Max 4x2ft Coverage Area Plant Lamp Full Spectrum] 400Watts (Full spectrum white light+395nm+460nm+660nm+730nm) is perfect for vegetable to grow, 4 pcs LED strip light bars, it can provide evenly distributed light intensity. It can coverage for 4x2 ft of high-yielding full-cycle growth.

[Approved UL CE Certificate Power Supply and Foldable Aluminium Bracket] The driver of our grow lights is 400 Watts with approved UL CE certificate and the high energy efficiency with 2.5 $\mu\text{mol/J}$, and also has the IP54 waterproof grade for indoor plants. Our full spectrum grow lights can up to 50,000 hours to work.

[Premium Quality for Heatsink and No Noise] Our grow lights are made of 4 led strip aluminium bars, which has efficient heat dissipation with cooling functions. it's powerful heat dissipation ability that no need to buy more cooling devices. This led plant light has no fan, there will be no noise.

[5 years Warranty and professional Guidance] We provide 5 years warranty .we are gladly to give you professional guidance and friendly customer service to helps your plants grow better. If you have any questions, please contact us anytime.

395nm UV light is to prevent the plant from growing too fast to get thick stems and leaves, which will make the fruit taste better.

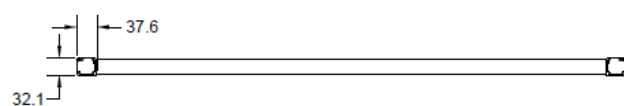
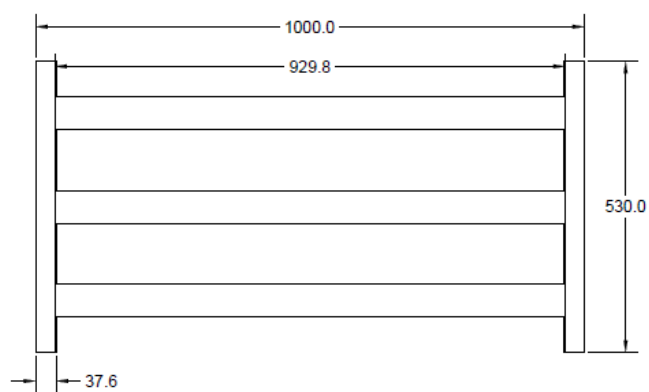
660nm red lights is most useful for plant photosynthesis, promote plant flowering and fruiting, increase yield and crop quality.

730nm IR light is most useful for plant photosynthesis, promote plant flowering and fruiting, increase yield and crop quality.

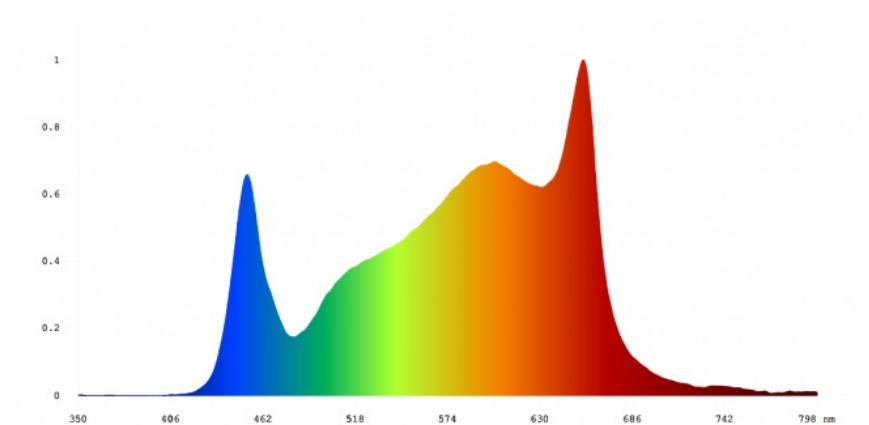
Specification

Product Name	400W LED Grow Light
Model number	HY4-400W-1F2-110
Power	400W +/-5%
Input voltage	100-277VAC 50/60Hz
LED Driver	UL CE Driver
Dimmable	0-10V PWM Dimming
Channel	1 channel
Lumen	64000LM
Lumen efficiency CRI	160LM/W >80
PPFD (Photosynthetic Photon Flux Density) (380-780nm)	1000 $\mu\text{mol/m}^2/\text{s}$
PPE (Photosynthetic Photon Efficacy)	2.5 $\mu\text{mol/J}$
Color	Full spectrum white light+395nm+460nm+660nm+730nm
Mounting height	$\geq 6"$ (15.2cm) Above canopy
Supplementation time	Vegetative Stage: 12 - 14 hours on; Flowering Stage: 9-12 hours on; Fruiting Stage: 7-8 hours on.
Product size	1000*530mm
PF	>0.95
THD	<15%
Dimmable	0-10V dimmer
LED Strip Bar	4
Angle	120°
Housing color/Material	Silver/Aluminum
Coverage	4x2ft
IP	IP54 (Indoor using)
Lifespan	>50,000H
Working Temperature	-20°C~+45°C
Operating Humidity	<95%
Storage Temperature	-40°C~+80°C
Input voltage(AC)	100 V 220 V 240 V 277 V
Input current at 100%	3.6A 1.9A 1.7A 1.5A

Dimension(mm $\pm 2\text{mm}$):



Spectrum



PPFD Distribution

30cm

316	317	319	318	320	318	319	317	316
366	494	412	422	435	423	410	492	368
486	534	638	749	712	744	638	533	486
515	733	756	771	790	766	757	736	519
561	783	956	960	961	958	953	780	560
517	735	756	766	789	769	753	732	516
486	533	639	744	711	746	637	531	484
368	496	416	423	433	421	411	493	367
315	316	317	318	319	318	316	318	317

45cm

314	315	316	317	317	315	316	313	315
355	436	489	527	528	522	486	434	354
424	539	651	655	658	657	655	536	423
480	665	768	861	862	857	763	668	479
498	716	853	854	867	857	854	711	496
482	667	763	852	861	856	761	663	481
431	538	651	654	659	658	657	534	422
353	435	486	524	527	521	482	436	355
313	134	315	316	317	316	315	313	314

60cm

318	317	319	320	321	318	319	318	317
330	402	403	404	405	402	403	401	329
345	346	499	503	506	504	498	445	346
354	507	536	547	561	551	534	508	353
361	629	630	631	632	631	628	627	360
352	503	531	551	560	548	532	501	351
343	445	497	501	505	502	497	442	342
329	403	404	402	403	402	403	404	328
318	319	318	319	320	319	318	319	317

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