

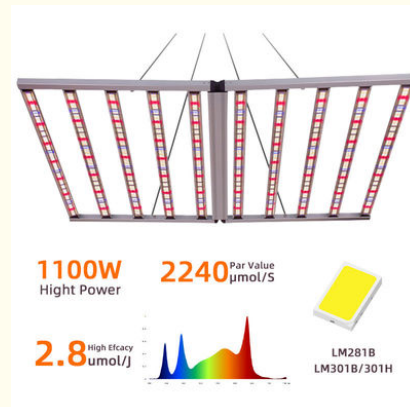
## 2240 $\mu\text{mol}/\text{m}^2/\text{s}$ PPFD 1100W UV IR LED Grow Light With Dimmable Foldable Full Spectrum LED Grow Light

### Our Product Introduction

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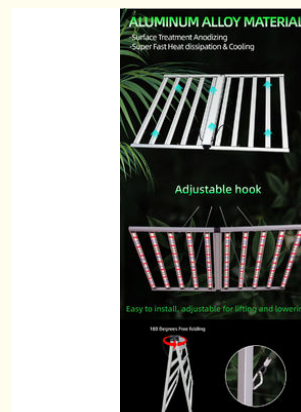
#### Basic Information

- Place of Origin: CHINA
- Brand Name: ANROFU
- Certification: CE ROHS FCC ETL DLC
- Model Number: HY103-1100W-2Y2-180
- Minimum Order Quantity: 1
- Packaging Details: Carton Box :1140\*112\*955mm Gross Weight: 19.5kg/ctn
- Delivery Time: 3-5 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000pcs per day

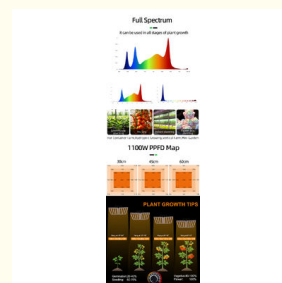
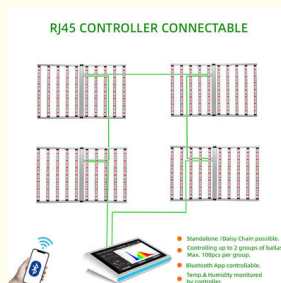
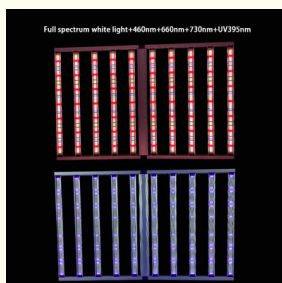
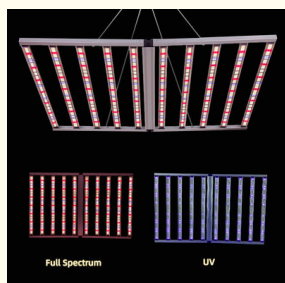


#### Product Specification

- Power: C/W:800W+R/IR:200W+UV:100W
- Warranty: 5 Years
- Input Voltage: 100-277VAC 50/60Hz
- Channel: 3 Channel
- PPE (Photosynthetic Photon Efficacy): 2.8  $\mu\text{mol}/\text{j}$
- PPFD (Photosynthetic Photon Flux Density) (380-780nm): 2240  $\mu\text{mol}/\text{m}^2/\text{s}$
- Daisy Chain:  $\geq 200$  PCS
- Coverage: 5X8FT
- Highlight: 2800 PPFD UV IR LED Grow Light, UV IR LED Grow Light PPFD, 2800 PPFD Grow Light



#### More Images



## Product Description

### Product Description:

Our Vertical UV IR LED Grow Light has a warranty of 5 years, giving you peace of mind knowing that your investment is protected. The product dimensions of 1800\*1100MM make it easy to fit into any size grow space, and the input voltage of 100-277VAC, 50/60Hz. ensures that it can be used in a variety of settings.

This LED grow light is perfect for vertical grow setups, allowing you to take advantage of all of the available space in your grow room. With its high Ppfd and Ppe values, your plants will receive the light they need to thrive and produce a bountiful harvest. Plus, its energy-saving design means you'll save money on your electricity bill while still achieving impressive results.

Overall, our Vertical UV IR LED Grow Light is the perfect choice for indoor growers who want to ensure the health and growth of their plants. With its high-quality components and 5-year warranty, you can trust that this grow light will provide reliable performance for years to come.

### Features:

**Product Name:** UV IR LED Grow Light

**Input Voltage:** 120-277VAC,50/ 60Hz

**Power:** 1100W

**Ppe:** 2.8 Umol/J

**Daisy Chain:** ≥200 PCS

### Technical Parameters:

<b>Product Name</b>	<b>1100W LED Grow Light</b>
Model number	HY103-1100W-2Y2-180
Power	C/W:800W+R/IR:200W+UV:100W
Input voltage	100-277VAC 50/60Hz
LED Driver	UL CE Driver
Channel	3 channel
Dimmable	0-10V Dimming
Lumen	128000LM
Lumen efficiency CRI	160LM/W >80
PPFD (Photosynthetic Photon Flux Density) (380-780nm)	2240μmol/m²/s
PPE (Photosynthetic Photon Efficacy)	2.8μmol/J
Full spectrum	Full spectrum white light 358pcs +660nm40pcs+460nm16pcs+ IR 730nm8pcs+UV 395nm26PCS
Coverage	5X8FT
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.
Product size	1800*1100mm
PF	>0.95
THD	<15%
LED Bar	10 strips
Angle	120°
Housing color	Silver
Material	Aluminium

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 208 V 240 V 277 V
Input current at 100%	9.2A 5.4A 4.7A 4.1A

## Applications:

The product is equipped with a PPE of 2.8  $\mu\text{mol/J}$  and can be daisy-chained to a minimum of 200 PCS, making it a versatile choice for commercial growers. The PPFD of 2240  $\mu\text{mol/m}^2/\text{s}$  ensures that the plants receive the required amount of light, leading to healthy growth. The input power of 1100W makes it an energy-efficient option for growers, resulting in lower electricity bills.

The UV IR LED Grow Light is ideal for vertical farming as it provides uniform light distribution across all levels, ensuring maximum yield. It is suitable for indoor gardening, hydroponics, greenhouse cultivation, and other similar applications. The product's superior quality and durability make it an excellent investment for those looking to venture into commercial horticulture.

The product's application occasions and scenarios are vast, and it can be used in various settings. The Vertical UV IR LED Grow Light is perfect for commercial growers looking for a reliable and efficient lighting solution. It can be used in indoor farms, vertical farms, hydroponic farms, and other similar settings. The product can be used to cultivate a wide variety of plants, including fruits, vegetables, herbs, and flowers.

In conclusion, ANROFU's UV IR LED Grow Light is a high-quality lighting solution that provides uniform light distribution, resulting in healthy plant growth. It is a versatile option suitable for various indoor horticulture applications, making it an excellent investment for commercial growers.

## Support and Services:

Our UV IR LED Grow Light product comes with comprehensive technical support and services for your peace of mind. Our team of experts is available to answer any questions you may have regarding the product's features, installation, and operation.

We also offer a range of services to help you get the most out of your UV IR LED Grow Light, including:

**Customized lighting plans to maximize plant growth and yield**

**Expert advice on optimizing light spectrum and intensity for specific plant types**

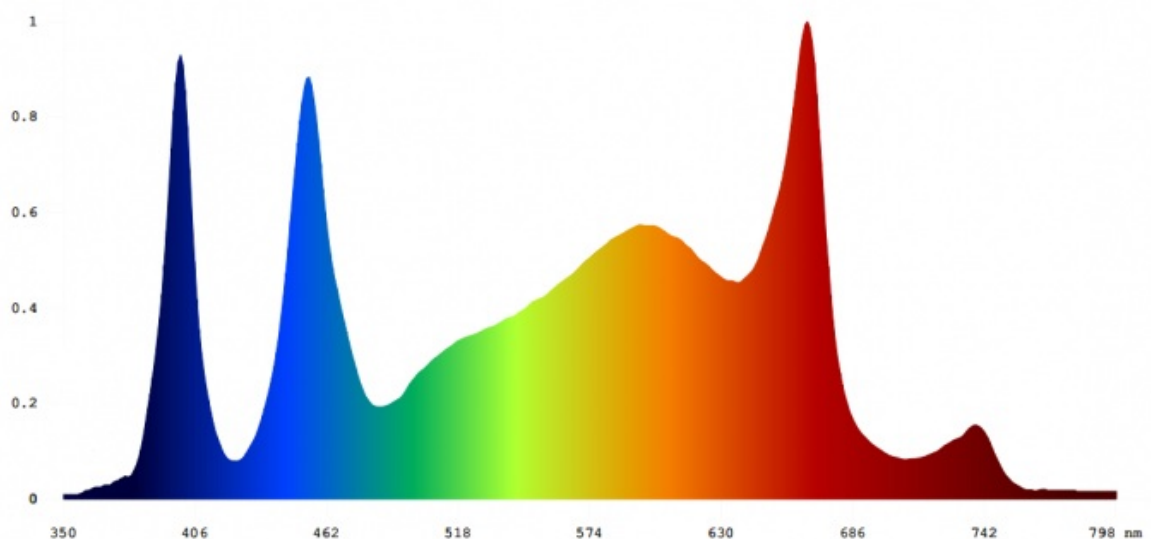
**Remote monitoring and control of your grow light system**

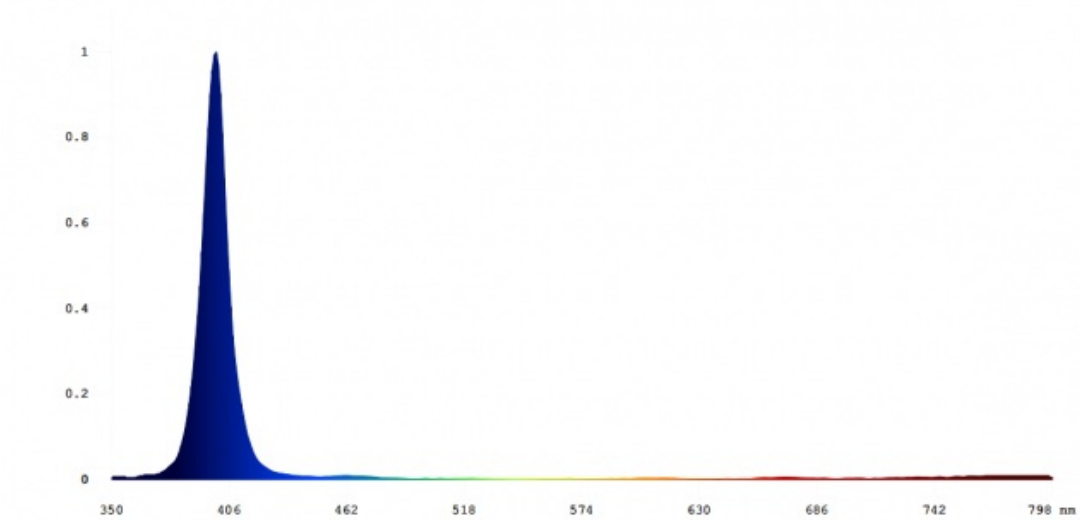
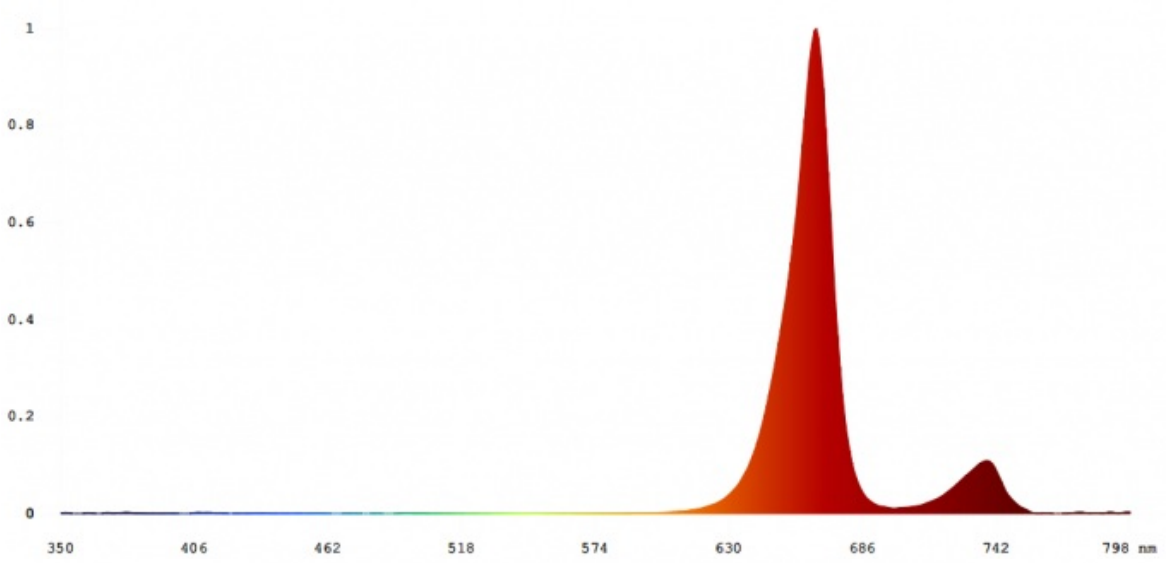
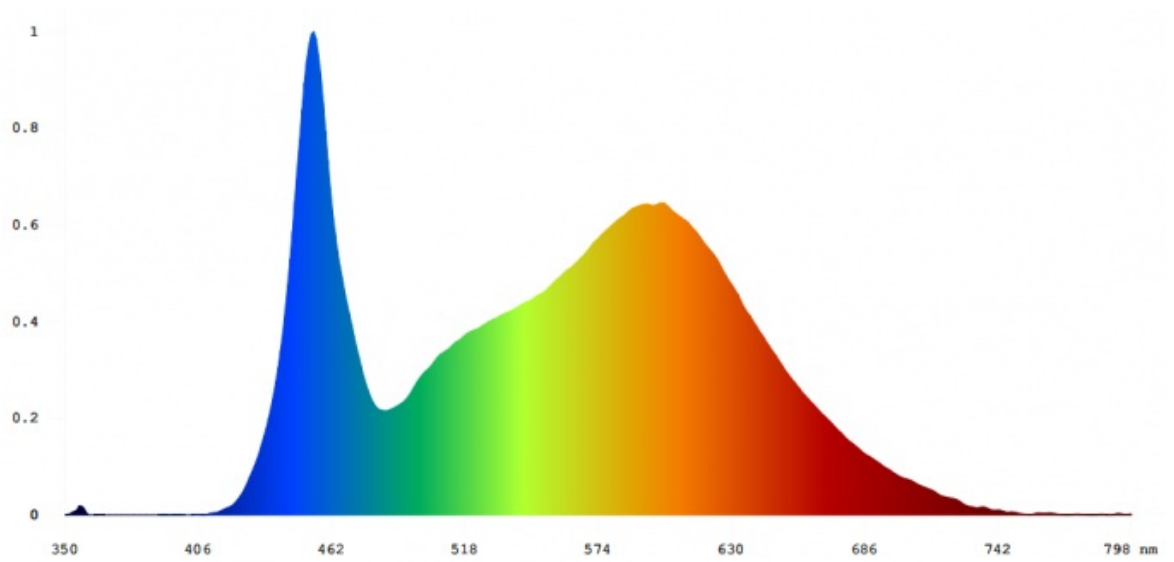
**On-site installation and configuration services**

**Regular maintenance and support to ensure optimal performance**

With our technical support and services, you can be confident that your UV IR LED Grow Light will deliver the results you need for your indoor growing needs.

## Spectrum:





**PPFD Distribution:**

### 30cm

811	821	854	889	893	887	856	824	812
816	997	1006	1008	1012	1007	1001	998	815
823	1037	1085	1154	1169	1152	1087	1039	821
827	1065	1143	1175	1197	1178	1141	1060	823
817	1035	1088	1159	1165	1156	1085	1034	813
814	1002	1007	1008	1009	1006	1004	1001	810
810	826	857	889	890	883	853	825	807

### 45cm

707	726	763	784	812	786	764	729	712
723	831	892	910	913	912	894	833	725
742	856	941	1012	1014	1005	943	857	746
751	864	954	1011	1052	1013	959	867	753
741	851	943	1007	1016	1008	941	854	742
722	832	894	914	915	911	891	836	721
710	724	765	784	809	782	763	727	705

60cm

643	662	681	710	712	707	684	664	645
712	744	758	762	770	761	754	746	711
716	755	824	836	851	834	829	756	712
716	767	846	883	903	881	842	763	718
714	753	824	834	848	836	826	751	713
713	743	761	765	772	764	760	742	710
644	662	683	709	710	708	685	661	642

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