

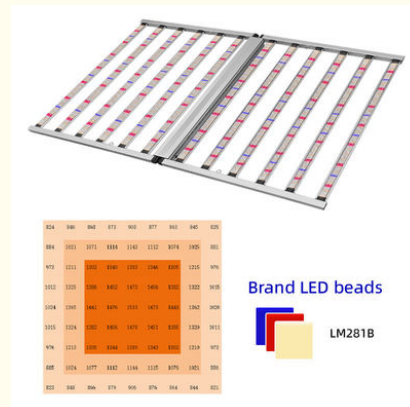
# 1200W IP54 Waterproof LED Grow Light Foldable 1 Channel IR LED Grow Lights

Our Product Introduction

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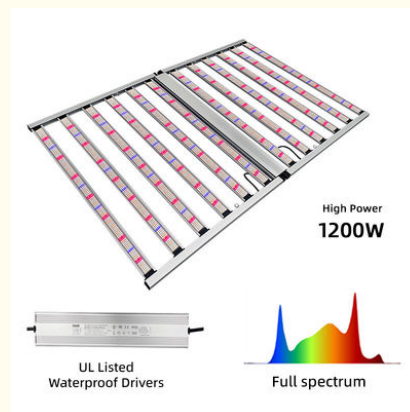
## Basic Information

- Place of Origin: CHINA
- Brand Name: ANROFU
- Certification: CE ROHS FCC DLC ETL
- Model Number: HY12-1200W-3C2-240
- Minimum Order Quantity: 1
- Packaging Details: Carton Box :1165\*145\*860mm Gross Weight: 24.5kg/ctn
- Delivery Time: 3-5 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000 PCS Per Day

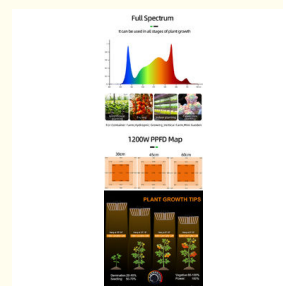
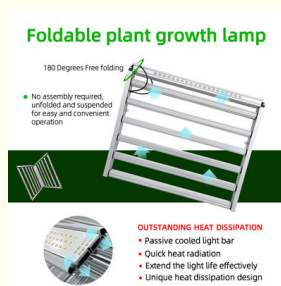
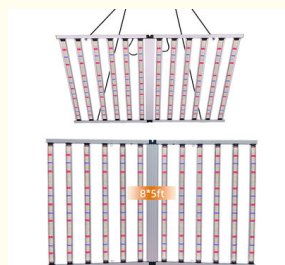


## Product Specification

- Input Voltage: 100-277VAC 50/60Hz
- Power: 1200W +/-5%
- Lumen Efficiency CRI: 160LM/W >80
- PPFD (Photosynthetic Photon Flux Density) (380-780nm): 3360μmol/m<sup>2</sup>/s
- PPE (Photosynthetic Photon Efficacy): 2.8μmol/J
- Dimmable: 0-10V Dimming
- Full Spectrum: Full Spectrum Full Spectrum 376pcs 2835 White Light+35pcs +16PCS 2835 460nm 3030 660nm+7pcs 3030 730nm
- Product Size: 2400\*1100mm
- Highlight: 1200W Waterproof LED Grow Light,



## More Images



## Product Description

### **HY12-1200W-3C2-240 LED Grow Light Specification....**

#### **Product Description:**

The Dimmable LED Grow Light features 0-10V PWM Dimming, allowing you to adjust the intensity of the light according to your plants' needs. This feature is especially useful during the different stages of plant growth, as you can increase or decrease the light intensity to promote healthy growth and development. The dimming also helps to conserve energy, as you can adjust the light output to match the needs of your plants, without wasting energy on unnecessary brightness.

At 1200W, this Dimmable LED Grow Light is a powerful and efficient grow light. It uses good quality Driver, which is a high-quality driver that ensures the light operates smoothly and efficiently. This driver also helps to prolong the lifespan of the grow light, ensuring it will last for years to come.

The Dimmable LED Grow Light is a versatile product that can be used for a variety of applications. It is ideal for growing plants in small spaces, such as apartments or offices, as it can be easily mounted onto walls or ceilings. It is also perfect for larger indoor gardening setups, as it can be combined with other grow lights to provide a comprehensive lighting solution.

This Dimmable LED Grow Light is an item type of grow lights and panel lights. It is a perfect fit for anyone looking for a reliable and efficient grow light that is easy to use and maintain. With its 0-10V dimming, this grow light is a must-have for anyone serious about indoor gardening.

#### **Features:**

Product Name: Dimmable LED Grow Lights

#### **Technical Parameters:**

Product Name	1200W LED Grow Light
Model number	HY12-1200W-3C2-240
Power	1200W +/-5%
Input voltage	100-277VAC 50/60Hz
LED Driver	UL CE Driver
Lumen	192000LM
Lumen efficiency CRI	160LM/W >80
PPFD (Photosynthetic Photon Flux Density) (380-780nm)	3360μmol/m <sup>2</sup> /s
PPE (Photosynthetic Photon Efficacy)	2.8μmol/J
Dimmable	0-10V Dimming
Channel	1 channel
Full spectrum	Full spectrum 376pcs 2835 white light+35pcs +16PCS 2835 460nm 3030 660nm+7pcs 3030 730nm
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	2400*1100mm
PF	>0.95
THD	<15%
LED Bar	12 strips
Angle	120°
Housing color/Material	Silver/Aluminium
Coverage	5x8ft
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%	10.9A 5.6A 5.1A 4.4A

## Applications:

With 0-10V dimming , growers can easily adjust the light intensity to suit the different stages of plant growth. The ANROFU Dimmable LED Grow Light consumes only 1200W of power, making it an energy-efficient option for indoor plant cultivation. Its PAR value of 2.8μmol/J ensures that plants receive the right intensity and spectrum of light for optimal growth.

ANROFU Dimmable LED Grow Lights are suitable for a wide range of applications, including indoor hydroponic systems, greenhouses, and indoor gardening. They are ideal for plant enthusiasts, professionals, and hobbyists who want to achieve maximum yield and high-quality crops.

These grow lights are perfect for indoor plant cultivation, especially in areas where natural light is limited or not available. They are also ideal for growers who want to simulate natural sunlight and create the perfect environment for their plants to thrive.

The ANROFU Dimmable LED Grow Light is perfect for use in a variety of scenarios, including urban farming, vertical farming, and commercial cultivation. They are also ideal for home gardeners who want to grow fresh vegetables, herbs, and flowers indoors.

## Support and Services:

Our Dimmable LED Grow Lights are designed to provide optimal lighting conditions for indoor plant growth. If you have any technical questions or issues with your product, our knowledgeable support team is available to assist you.

We also offer a variety of services to ensure that you get the most out of your grow lights, including:

**Free product demonstrations**

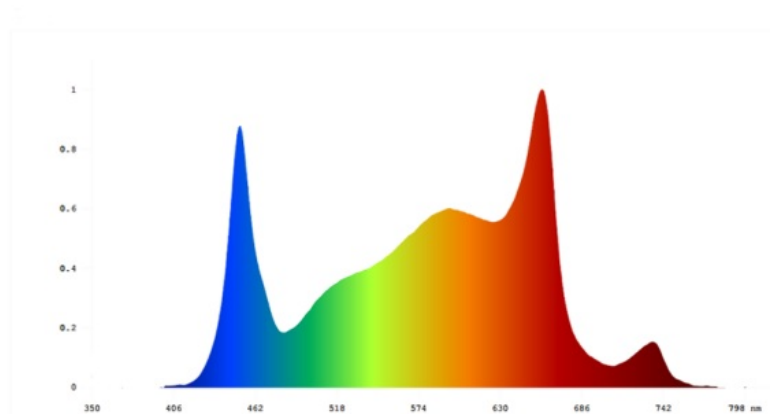
**Customized lighting plans based on your specific plant needs**

**Installation and set-up assistance**

Regular maintenance and cleaning services

Our goal is to help you achieve the best possible results with your indoor gardening projects. Please don't hesitate to reach out to us for any support or service needs.

Spectrum:



PPFD Distribution:

30cm								
794	814	842	886	893	889	846	817	796
843	936	947	952	1003	954	948	939	846
946	976	1045	1132	1216	1134	1047	972	947
1032	1053	1076	1154	1227	1156	1079	1051	1034
1046	1094	1097	1163	1227	1160	1099	1096	1048
1034	1052	1072	1151	1224	1154	1076	1053	1031
948	974	1043	1131	1218	1132	1041	976	943
846	938	944	957	1001	953	946	937	843
796	814	847	883	894	886	843	816	792

## 45cm

843	846	851	853	854	852	850	847	845
856	864	897	936	965	932	894	863	857
864	965	1008	1036	1054	1034	1006	967	863
864	962	1015	1019	1063	1017	1013	966	867
876	1032	1035	1036	1062	1039	1038	1031	878
963	987	1011	1013	1061	1014	1012	983	861
860	961	1007	1031	1056	1032	1009	962	860
856	863	894	935	967	931	891	861	858
846	848	853	854	855	853	851	849	847

## 60cm

751	755	763	766	765	764	761	756	752
781	814	836	861	935	865	837	813	782
793	834	842	916	994	910	843	831	792
832	833	846	919	998	910	845	832	830
831	907	957	966	1001	960	952	905	832
814	852	863	937	997	933	867	854	816
796	832	841	919	992	912	845	834	793
782	814	834	869	930	867	831	810	784
756	758	767	768	769	767	763	759	757

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