# Plant Growth Under White Light 1200W Foldable One Channel Dimming Grow Lights For Enhanced Plant Growth

## **Basic Information**

Place of Origin: CHINABrand Name: ANROFU

Certification: CE ROHS FCC DLC ETL
 Model Number: HY12-1200W-3F2-210

Minimum Order
 Occupations

Quantity:

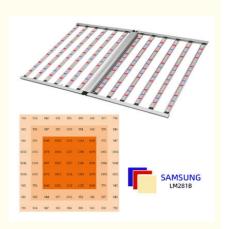
• Packaging Details: Carton Box 1165\*765\*145mm Gross Weight:

24.5kg/ctn

• Delivery Time: 3-5 working days

• Payment Terms: T/T, Western Union, MoneyGram

• Supply Ability: 10000 PCS Per Day



# **Product Specification**

• Power: 1200W +/-5%

• Input Voltage: 110-277VAC 50/60Hz

Lumen Efficiency CRI: 160LM/W >80Dimmable: 0-10V Dimming

• Full Spectrum: Full Spectrum 398pcs 2835 White

Light+48pcs 2835 660nm+2pcs 2835 IR

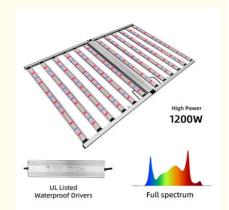
730nm+2pcs 2835 UV 395nm

Product Size: 2100\*1100mm
LED Bar: 12 Strips
PPE (Photosynthetic 2.8µmol/J

Photon Efficacy):

• Highlight: 1200W Dimming Grow Lights,

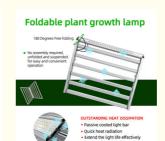
Foldable Dimming Grow Lights,
One Channel Dimming Grow Lights

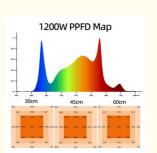


# More Images









# **Product Description**

## HY12-1200W-3F2-210 LED Grow Light Specification....

# **Product Description:**

Our Dimmable LED Grow Light is equipped with Driver, ensuring that it is of the highest quality and built to last. This driver provides a consistent and stable source of power, allowing your plants to grow healthy and strong without any interruptions.

The included timer feature allows you to set specific intervals for your plants to receive light, ensuring that they are receiving the right amount of light at the right time. This feature is especially useful for those who are unable to provide consistent light to their plants due to their busy schedules.

The Dimmable LED Grow Light also comes with 0-10V dimming, allowing you to adjust the intensity of the light based on the specific needs of your plants. This feature is especially useful for those who are growing a variety of different plants with different light requirements.

Our product is not only a Grow Light, but also a Panel Light. This means that it can be used for a variety of different indoor lighting needs, making it a versatile and practical investment for any indoor gardener.

Our Dimmable LED Grow Light is also equipped with IoT technology, allowing you to control it from your smartphone or tablet. This feature provides you with the ultimate convenience, allowing you to monitor and adjust your grow lights from anywhere at any time.

In conclusion, our Dimmable LED Grow Light is the perfect solution for anyone looking to grow healthy and strong plants indoors. With its high-quality Driver, timer feature, dimming, and IoT technology, this product is sure to provide you with everything you need to take your indoor gardening to the next level. Don't wait any longer, invest in our Dimmable LED Grow Light today!

#### Features:

Product Name: Dimmable LED Grow Lights

#### **Technical Parameters:**

Product Name	1200W LED Grow Light				
Model number	HY12-1200W-3F2-210				
Power	1200W +/-5%				
Input voltage	110-277VAC 50/60Hz				
LED Driver	UL CE Driver				
Lumen	192000LM				
Lumen efficiency CRI	160LM/W >80				
PPFD (Photosynthetic Photon Flux Density) (380-780nm)	3360µmol/S				
PPE (Photosynthetic Photon Efficacy)	2.8μmol/J				
Dimmable	0-10V dimmer				
Channel	1 channel				
Full spectrum	Full spectrum 398pcs 2835 white light+48pcs 2835 660nm+2pcs 2835 IR 730nm+2pcs 2835 UV 395nm				
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	2100*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%	11A 5.5A 5A 4.4A				

### **Applications:**

The Dimmable LED Grow Light is perfect for use in a variety of settings, including home gardens, greenhouses, and indoor grow rooms. It can be used to grow a wide range of plants, from flowers and vegetables to herbs and succulents. This product is also ideal for those who want to start a small or large-scale indoor garden and want to have full control over the lighting conditions.

The Dimmable LED Grow Light is designed to be energy-efficient, consuming only 1200W of power. This makes it an eco-friendly and cost-effective option for those who want to grow plants indoors without using too much electricity. The light also has three dimming levels, which allow users to adjust the brightness according to the needs of their plants. This feature is particularly useful for those who have plants that require different lighting conditions at different stages of their growth.

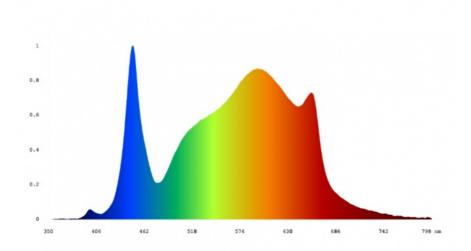
The Dimmable LED Grow Light also comes equipped with a timer, which makes it easy to set up and forget about. Users can program the light to turn on and off at specific times, ensuring that their plants receive the required amount of light each day. The timer feature also helps to conserve energy and ensure that the light is only on when it's needed.

In conclusion, the Dimmable LED Grow Light from ANROFU is a versatile and high-quality product that is perfect for a wide range of indoor growing scenarios. Its advanced IoT technology, low power consumption, and dimming and timer features make it an excellent choice for anyone who wants to grow plants indoors.

#### **Support and Services:**

The Dimmable LED Grow Lights product offers technical support and services to ensure the proper use and functioning of the product. Our team of experts can provide assistance with installation, operation, and troubleshooting of the grow lights. Additionally, we offer maintenance and repair services to keep the product in top condition. Our technical support and services are available to help customers maximize the benefits of the Dimmable LED Grow Lights and achieve optimal plant growth.

# Spectrum:



# **PPFD Distribution:**

30cm									
395	432	491	584	634	574	483	443	396	
523	899	951	982	1051	992	946	887	531	
635	894	944	1081	1331	1085	1082	1055	636	
752	1064	1083	1087	1345	1088	1084	1061	746	
808	1294	1299	1312	1350	1302	1295	1290	807	
735	1062	1081	1084	1343	1085	1083	1052	741	
634	951	1083	1084	1336	1082	1081	957	637	
527	894	951	983	1040	987	942	896	526	
392	436	497	584	630	586	496	435	394	

45cm									
	349	419	495	542	583	536	498	413	356
	423	677	824	956	1042	962	834	679	426
	463	842	939	1022	1043	1016	936	837	469
	534	1026	1043	1088	1052	1089	1042	1024	541
	587	1082	1083	1089	1072	1088	1084	1078	596
	542	1022	1042	1083	1046	1085	1038	1022	537
	466	832	937	1015	1040	1013	933	836	467
	427	668	835	948	1034	954	828	673	421
	355	421	488	544	585	537	492	416	353
					60cm				
	384	394	431	457	486	453	437	396	381
	465	563	648	736	793	735	647	562	468
	497	632	679	766	817	762	677	631	495
	513	692	767	843	849	851	763	694	513
	534	775	836	867	857	895	833	771	531
	518	697	758	856	859	854	761	693	511
	493	627	682	763	814	764	679	628	492
	463	568	653	738	794	731	649	564	462
	385	397	433	<b>4</b> 59	488	455	431	394	383

# ANROFU Shenzhen Hanyuan Intelligent Technology Co., Ltd.





