

Dimmable Vertical Farming LED Grow Lights 1000W 1 Channel Full Spectrum LED Grow Lights For Vertical Farming

Our Product Introduction

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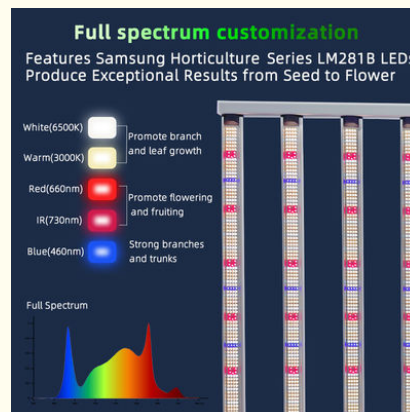
Basic Information

- Place of Origin: CHINA
- Brand Name: ANROFU
- Certification: CE ROHS FCC ETL DLC
- Model Number: HY12-1000W-2B2-180
- Minimum Order Quantity: 1
- Packaging Details: Carton Box :1140*112*955mm Gross Weight: 18.5kg/ctn
- Delivery Time: 3-5 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000pcs per day

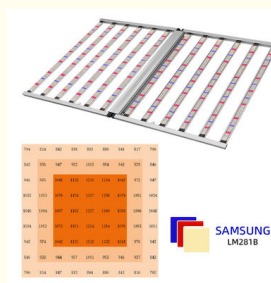


Product Specification

- Power: 1000W±5%
- Input Voltage: 100-277VAC 50/ 60Hz
- Daisy Chain: ≥200 PCS
- Lumen Efficiency CRI: 160LM/W >80
- PPE (Photosynthetic Photon Efficacy): 2.8 Umol/J
- Full Spectrum: Full Spectrum White Light/288pcs 301b +18pcs 3030 660nm+6pcs 3030 IR 730nm
- Coverage: 4x6ft
- Product Dimensions: 1800*1100mm
- Highlight: Dimmable Vertical Farming LED Grow Lights, Vertical Farming LED Grow Lights 1000W, Vertical Farming Grow Lights Full Spectrum



More Images



Product Description

Product Description:

With an input power of 1000W , the Vertical IR LED Grow Light provides exceptional performance, delivering a Ppfd of 2600 μ mol/m²/s. This ensures that your plants receive the right amount of light intensity and spectrum for optimal growth, regardless of the stage of growth they are in.

One of the standout features of the Vertical IR LED Grow Light is heatsink, which includes small hole that help to dissipate heat and keep the unit running at optimal temperatures. This helps to extend the lifespan of the LED chips, which have a rated lifespan of up to 50,000 hours.

In terms of installation and compatibility, the Vertical IR LED Grow Light is designed to work with a range of input voltages, including 100-277VAC and 50/60Hz.

As a testament to the quality and durability of this product, it comes with a 5-year warranty. This means that you can have peace of mind knowing that your investment is protected against any defects or malfunctions.

Overall, the Vertical IR LED Grow Light is a top-of-the-line grow light that is perfect for serious indoor gardeners who want to maximize their yields and minimize their costs. With its advanced features, high-performance output, and reliable build quality, it is a must-have for anyone who is serious about indoor gardening.

Features:

Product Name: IR LED Grow Light

Power: 1000W

PPE (Photosynthetic Photon Efficacy): 2.8 Umol/J

Input Voltage: 100-277VAC,50/ 60Hz

Vertical IR LED Grow Light

Technical Parameters:

Product Name	1000W LED Grow Light
Model number	HY12-1000W-2B2-180
Power	1000W±5%
Input voltage	100-277VAC 50/60Hz
LED Driver	UL CE Driver
Lumen	160000LM
Lumen efficiency CRI	160LM/W >80
PPFD (Photosynthetic Photon Flux Density) (380-780nm)	2600μmol/m²/s
PPE (Photosynthetic Photon Efficacy)	2.6μmol/J
Channel	1 channel
Dimmable	0-10V Dimming
Full spectrum	Full spectrum white light/288pcs 301b +18pcs 3030 660nm+6pcs 3030 IR 730nm
Coverage	4x6ft
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	12 strips
Angle	120°
Housing color/Material	Silver/Aluminum
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%	8.3A 4.9A 4.3A 3.7A

Applications:

This Vertical IR LED Grow Light has dimensions of 1800*1100MM, making it perfect for indoor gardens, grow tents, greenhouses, and vertical farming. It is designed with a daisy chain feature that allows for easy installation and can be connected to up to 200 pcs of the same product. The input voltage for this product is 100-277VAC, 50/60Hz.

The Vertical IR LED Grow Light has an input power of 1000W , making it energy-efficient and cost-effective. This product has a good quality heatsink that ensure the product's longevity and prevent overheating.

This product is perfect for various plant growth stages, including germination, vegetative, and flowering stages. It is suitable for growing indoor plants such as herbs, fruits, and vegetables. This product is also ideal for commercial farming, research greenhouse projects, and university research projects.

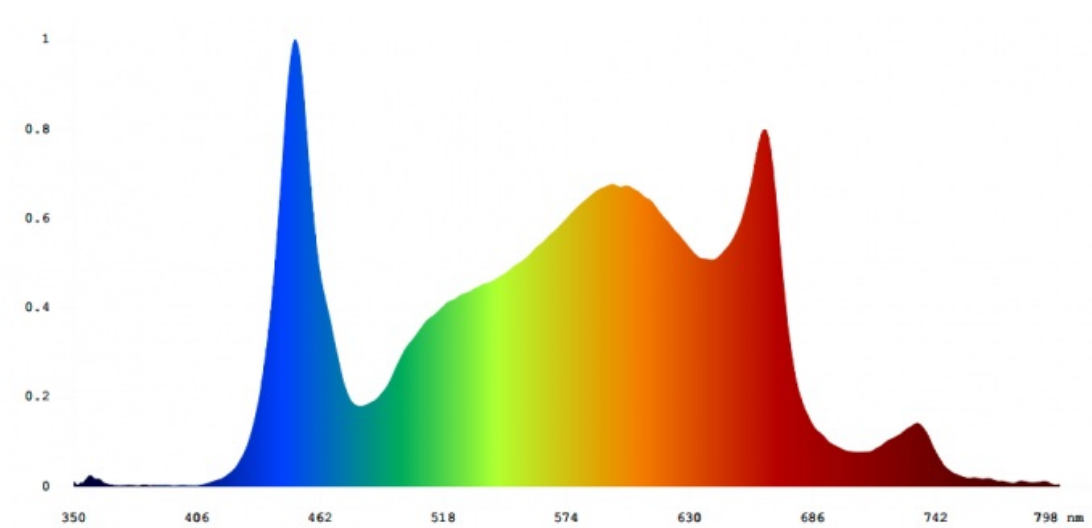
Whether you're an expert in indoor farming or a novice, this Vertical IR LED Grow Light is perfect for all your plant growth needs. Order now and experience the benefits of this product!

Support and Services:

The UV IR LED Grow Light product comes with comprehensive technical support and services to ensure optimal performance and longevity. Our team of experts is available to assist with any questions or issues you may encounter during installation or operation. We offer troubleshooting guidance, repair services, and replacement parts to quickly resolve any problems and minimize downtime. In addition, we provide ongoing maintenance and calibration services to ensure your grow light continues to perform at its best.

Our technical support and services are designed to help you get the most out of your investment and achieve the highest yields possible. Contact us for more information or assistance.

Spectrum:



PPFD Distribution:

30cm

646	649	679	685	693	684	672	645	641
786	946	989	1152	1154	1153	987	943	788
967	1062	1283	1296	1296	1294	1281	1065	964
789	987	1289	1306	1312	1303	1286	986	783
1293	1299	1301	1306	1321	1302	1299	1296	1291
1165	1287	1286	1301	1303	1302	1289	1284	1167
965	1067	1283	1291	1298	1296	1284	1068	966
784	943	982	1156	1159	1158	986	949	786
641	645	674	684	692	687	675	649	643

45cm

632	637	646	649	653	648	643	638	633
741	932	934	943	953	940	931	930	739
868	1058	1069	1071	1086	1067	1063	1056	864
964	1093	1095	1105	1109	1102	1096	1091	963
1104	1107	1108	1109	1111	1110	1109	1108	1106
962	1094	1097	1105	1106	1104	1099	1094	964
867	1053	1064	1069	1083	1068	1061	1051	868
734	933	935	943	954	941	934	931	736
634	636	643	644	651	642	641	637	631

60cm

532	536	541	563	582	564	543	532	530
943	967	976	985	994	989	971	963	940
943	976	979	986	996	984	973	973	941
943	975	979	986	999	984	976	973	941
1014	1022	1026	1029	1035	1027	1024	1016	1012
954	974	983	1009	1011	1010	986	976	953
943	976	974	981	998	986	979	977	946
943	962	971	984	996	988	974	964	941
536	537	549	569	580	567	546	539	531

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