

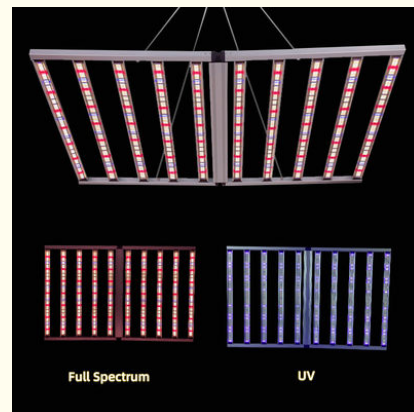
Spectrum LED Panel Light Dimmable Indoor Plant LED Grow Lights 1200W With Max 4x6ft Coverage Area

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: ANROFU
- Certification: CE ROHS FCC DLC ETL
- Model Number: HY102-1200W-2U2-180
- Minimum Order Quantity: 1
- Packaging Details: Gross Weight:15.60kg /pcs Carton Size:1950*125*70mm
- Delivery Time: 3-5 working days
- Payment Terms: T/T, Western Union, MoneyGram,
- Supply Ability: 1000 pcs per day

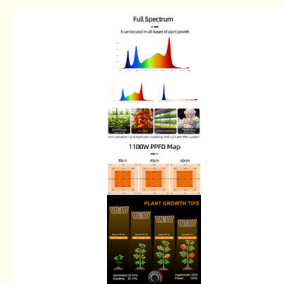
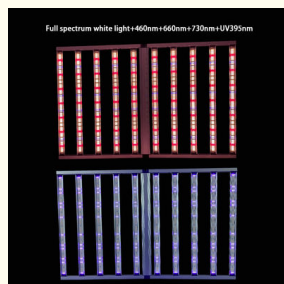
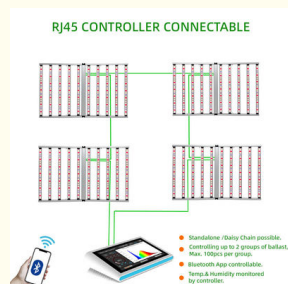


Product Specification

- Power: 1200W
- Material: Aluminium
- Input Voltage: AC100-277V
- Lumen Efficiency CRI: 160LM/W >80
- PPFD (Photosynthetic Photon Flux Density) (380-780nm): 2800 μ mol/m²/s
- PPE (Photosynthetic Photon Efficacy): 2.8 μ mol/J
- Coverage: 4x6ft
- Full Spectrum: Full Spectrum White Light 376pcs +660nm35pcs+460nm16pcs+IR 730nm7pcs+UV 395nm24PCS
- LED Bar: 10 Strips
- Angle: 120°
- Working Temperature: -20°C~+45°C
- Application: Indoor Plants, Hydroponic Plants



More Images



Product Description

DESCRIPTION

【Daisy-Chain Two 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. Two channel dimmer is easy for client to dimmable the different wavelength of spectrum. The daisy-chain function allows you to connect 50-200 LED grow lamps and can be dimmed simultaneously.

【Max 4x6ft Coverage Area Plant Lamp Full Spectrum】 1200Watts (Full spectrum white light 376pcs +660nm35pcs+460nm16pcs+IR 730nm7pcs+UV 395nm24PCS) is perfect for vegetable to grow, 10 pcs LED strip light bars, it can provide evenly distributed light intensity.It can coverage for 4x6ft of high-yielding full-cycle growth.

【Approved UL CE Certificate Power Supply and Foldable Aluminium Bracket 】 The driver of our grow lights is 1200 Watts with approved UL CE certificate and the high energy efficiency with 2.8 $\mu\text{mol}/\text{J}$, 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 10 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.

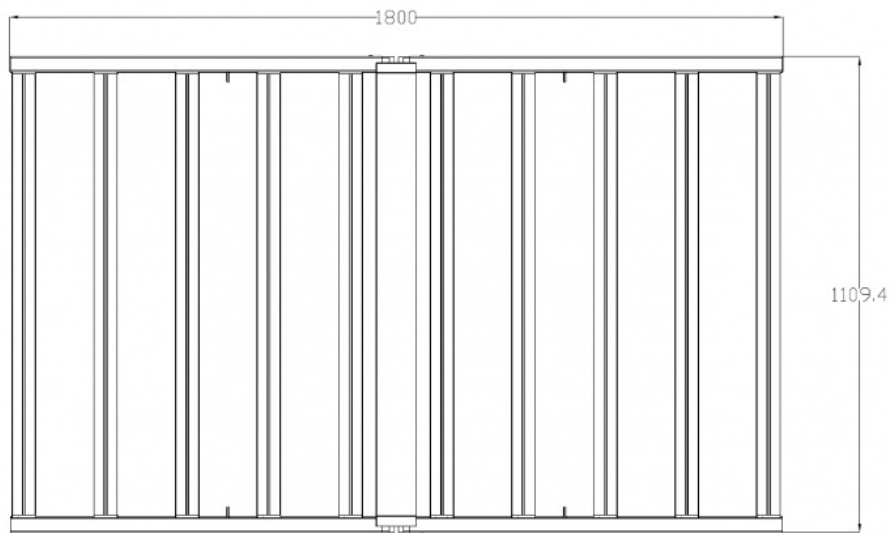
660nm red lights is most useful for plant photosynthesis, promote plant flowering and fruiting, increase yield and crop quality.

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

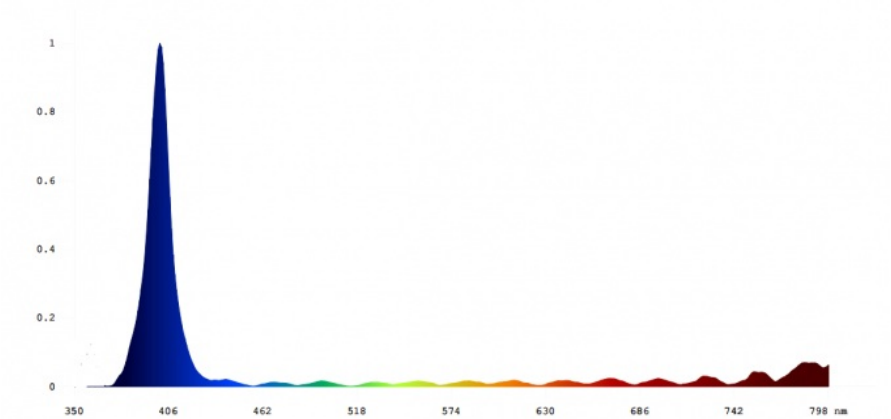
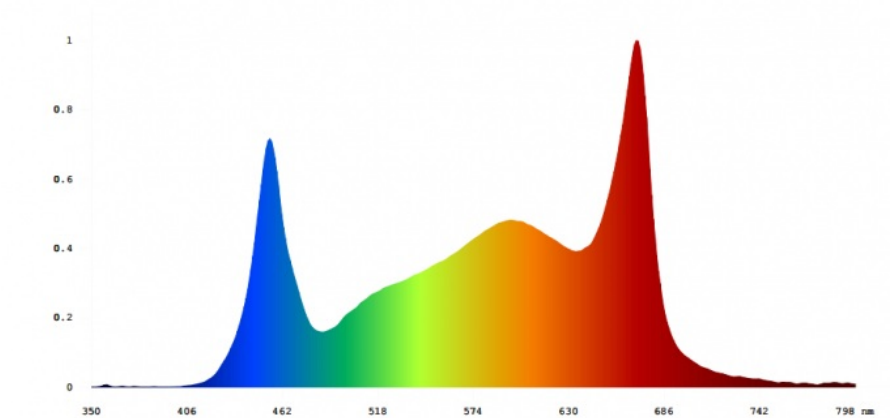
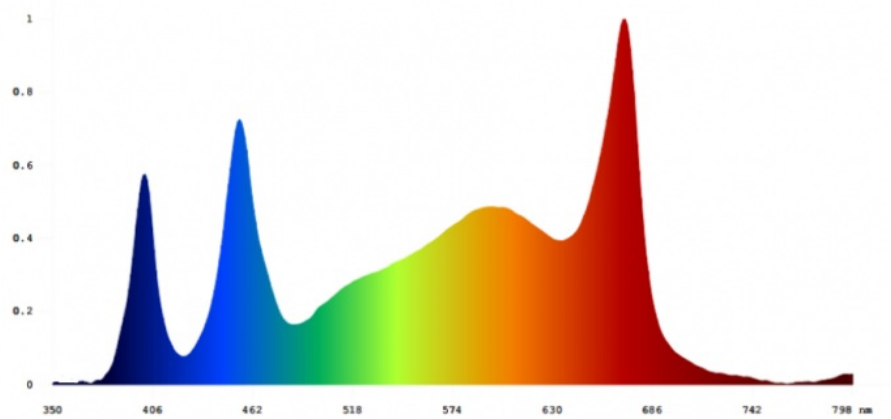
SPECIFICATION

| | |
|---|---|
| Product Name | 1200W LED Grow Light |
| Model number | HY102-1200W-2U2-180 |
| Power | 1200W +/-5% |
| Channel | 2 channel |
| Dimmable | 0-10V Dimmer |
| Input voltage | 110-277VAC 50/60Hz |
| LED Driver | UL CE Driver |
| Lumen | 160000LM |
| Lumen efficiency CRI | 160LM/W >80 |
| PPFD (Photosynthetic Photon Flux Density) (380-780nm) | 2800 $\mu\text{mol}/\text{m}^2/\text{s}$ |
| PPE (Photosynthetic Photon Efficacy) | 2.8 $\mu\text{mol}/\text{J}$ |
| Full spectrum | Full spectrum white light 376pcs +660nm35pcs+460nm16pcs+IR 730nm7pcs+UV 395nm24PCS |
| Coverage | 4X6FT |
| Mounting height | $\geq 6"$ (15.2cm) Above canopy |
| Product size | 1800*1100mm |
| Supplementation time | Vegetative Stage: 12 - 14 hours on; Flowering Stage: 9-12 hours on; Fruiting Stage: 7-8 hours on. |
| PF | >0.95 |
| THD | <15% |
| LED Bar | 10 strips |
| Angle | 120° |
| Housing color | Silvery |
| 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) | 120 V 208 V 240 V 277 V |
| Input current at 100% | 9.2A 5.4A 4.7A 4.1A |

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



Spectrum



PPFD Distribution

30cm

| | | | | | | | | |
|------|------|------|------|------|------|------|------|------|
| 882 | 946 | 966 | 1083 | 1088 | 1081 | 964 | 948 | 881 |
| 893 | 1145 | 1156 | 1173 | 1206 | 1171 | 1153 | 1142 | 892 |
| 896 | 1143 | 1156 | 1164 | 1206 | 1165 | 1154 | 1142 | 893 |
| 988 | 1229 | 1305 | 1310 | 1311 | 1308 | 1304 | 1226 | 986 |
| 1014 | 1306 | 1308 | 1312 | 1371 | 1310 | 1307 | 1305 | 1015 |
| 1013 | 1234 | 1307 | 1309 | 1325 | 1308 | 1306 | 1236 | 1012 |
| 984 | 1223 | 1306 | 1308 | 1312 | 1306 | 1305 | 1220 | 982 |
| 896 | 1142 | 1153 | 1167 | 1203 | 1168 | 1152 | 1140 | 894 |
| 880 | 944 | 964 | 1080 | 1084 | 1082 | 963 | 943 | 879 |

45cm

| | | | | | | | | |
|-----|------|------|------|------|------|------|------|-----|
| 836 | 867 | 953 | 955 | 968 | 954 | 951 | 869 | 837 |
| 924 | 1046 | 1049 | 1051 | 1236 | 1049 | 1047 | 1044 | 923 |
| 931 | 1047 | 1049 | 1052 | 1242 | 1053 | 1046 | 1045 | 930 |
| 932 | 1049 | 1051 | 1053 | 1243 | 1055 | 1049 | 1045 | 933 |
| 951 | 1073 | 1065 | 1069 | 1240 | 1068 | 1067 | 1071 | 953 |
| 945 | 1052 | 1053 | 1055 | 1244 | 1056 | 1052 | 1050 | 946 |
| 933 | 1045 | 1049 | 1053 | 1240 | 1051 | 1047 | 1046 | 932 |
| 923 | 1043 | 1047 | 1047 | 1235 | 1048 | 1046 | 1045 | 921 |
| 835 | 865 | 951 | 954 | 969 | 953 | 950 | 866 | 834 |

60cm

| | | | | | | | | |
|-----|-----|-----|-----|------|-----|-----|-----|-----|
| 746 | 753 | 754 | 755 | 759 | 752 | 750 | 749 | 748 |
| 763 | 822 | 825 | 869 | 881 | 868 | 823 | 820 | 765 |
| 775 | 824 | 826 | 871 | 883 | 865 | 825 | 820 | 767 |
| 789 | 865 | 916 | 932 | 935 | 931 | 915 | 864 | 788 |
| 796 | 906 | 915 | 943 | 1007 | 942 | 916 | 904 | 797 |
| 985 | 964 | 915 | 932 | 934 | 930 | 914 | 863 | 786 |
| 772 | 824 | 827 | 866 | 882 | 863 | 825 | 826 | 773 |
| 761 | 823 | 825 | 869 | 880 | 867 | 824 | 821 | 764 |
| 747 | 752 | 753 | 754 | 754 | 753 | 752 | 751 | 750 |

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