# 2 Channel Dimmable LED Grow Lights 900w Full Spectrum LED Light Panels UV Light For Growing Plants
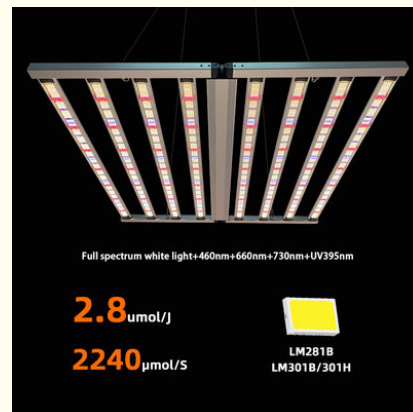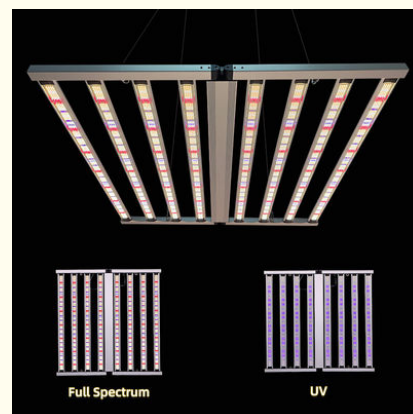
**Our Product Introduction**

## Basic Information

- Place of Origin: CHINA
- Brand Name: ANROFU
- Certification: CE ROHS FCC DLC ETL
- Model Number: HY82-900W-2J1-110
- Minimum Order Quantity: 1
- Packaging Details: Carton Box :1140*600*125mm Gross Weight: 16.4kg/ctn
- Delivery Time: 3-5 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000 PCS Per Day

Full spectrum white light+460nm+660nm+730nm+UV395nm
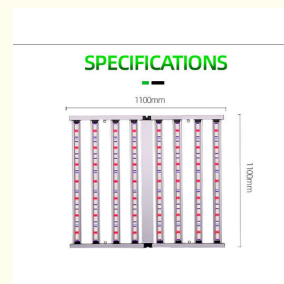
**2.8** umol/J

**2240** μmol/S

LM281B
LM301B/301H

## Product Specification

- Power: 900W +/-5% (W 800W+100W UV)
- Channel: 2 Channel
- Input Voltage: 100-277VAC 50/60Hz
- Lumen: 128000LM
- PPFD (Photosynthetic Photon Flux Density) (380-780nm): 2240μmol/m²/s
- PPE (Photosynthetic Photon Efficacy): 2.8μmol/J
- Full Spectrum: Full Spectrum White Light/392pcs White Light+35pcs 660nm+7pcs IR 730nm+24 Pcs UV 395nm
- Coverage: 4x4ft
- 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.

Full Spectrum     UV

## More Images

MULTI-LIGHT DIMMING DAISY CHAIN
Two Channels Dimming RJ45 Port

Multiple series connections

SPECIFICATIONS

1100mm

## Product Description

## Product 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 4x4ft Coverage Area Plant Lamp Full Spectrum**】 900Watts (Full spectrum white light/392pcs white light+35pcs 660nm+7pcs IR 730nm+24 pcs UV 395nm) is perfect for vegetable to grow, 8 pcs LED strip light bars, it can provide evenly distributed light intensity.It can coverage for 4x4ft of high-yielding full-cycle growth.

【**Approved UL CE Certificate Power Supply and Foldable Aluminium Bracket** 】 The driver of our grow lights is 900 Watts with approved UL CE certificate and the high energy efficiency with 2.8 μmol/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 8 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.
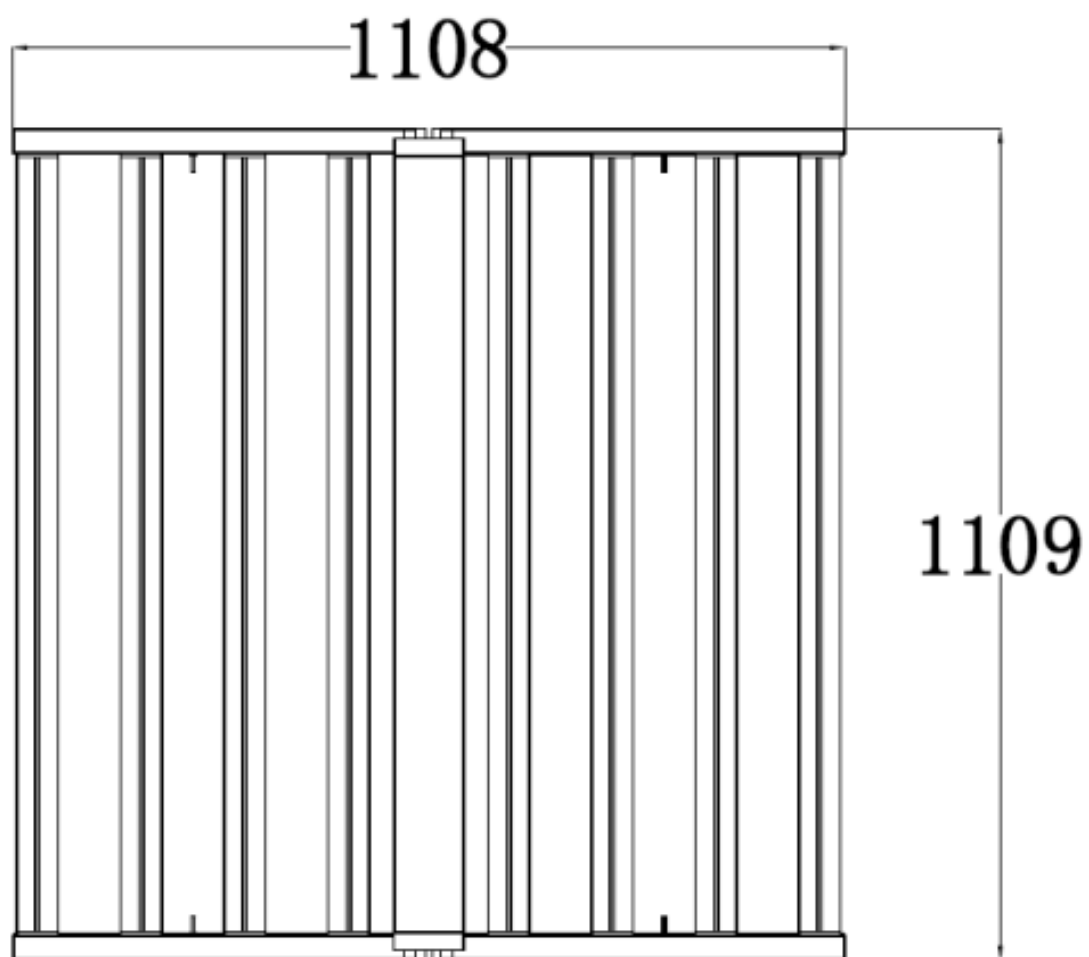
660nm red lights is most useful for plant photosynthesis, promote plant flowering and fruiting, increase yield and crop quality.

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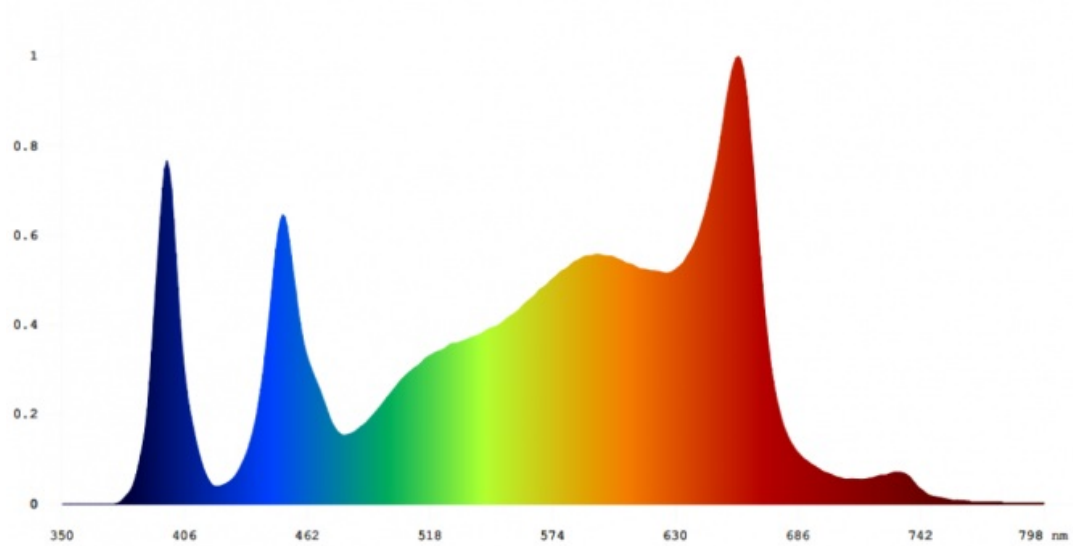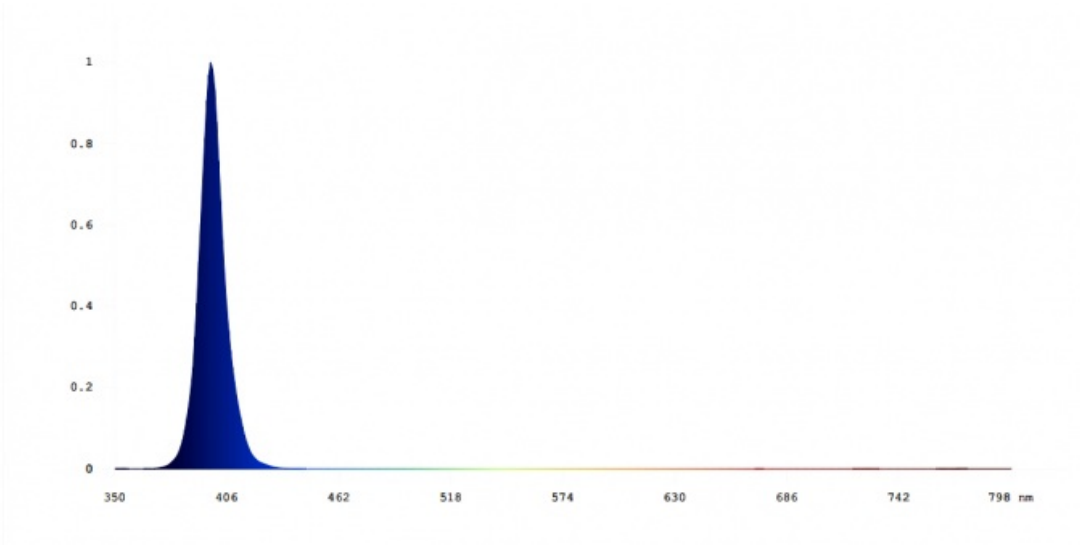
### Specification

| Product Name | 900W LED Grow Light |
|---|---|
| Model number | HY82-900W-2J1-110 |
| Power | 900W +/-5% (800W+100W UV) |
| Input voltage | 100-277VAC 50/60Hz |
| LED Driver | UL CE Driver |
| Channel | 2 channel |
| Dimmable | 0-10V dimmer |
| 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/392pcs white light+35pcs 660nm+7pcs IR 730nm+24 pcs UV 395nm |
| Coverage | 4x4ft |
| 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 | 1100*1100mm |
| PF | >0.95 |
| THD | <15% |
| LED Bar | 8 strips |
| Angle | 120° |
| Housing color/Material | Silver/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% | 8.1A 4.4A 3.8A 3.3A |

## Dimension(mm ±2mm):

**Specturm**

**PPFD Distribution**

## 30cm



| 709 | 703 | 691 | 689 | 688 | 689 | 686 | 690 | 711 |
|------|------|------|------|------|------|------|------|------|
| 844 | 1302 | 1311 | 1314 | 1315 | 1312 | 1310 | 1304 | 831 |
| 1073 | 1355 | 1422 | 1436 | 1520 | 1431 | 1423 | 1356 | 1071 |
| 1128 | 1376 | 1425 | 1439 | 1672 | 1431 | 1426 | 1374 | 1127 |
| 1153 | 1654 | 1655 | 1661 | 1674 | 1656 | 1657 | 1651 | 1150 |
| 1121 | 1388 | 1423 | 1424 | 1673 | 1427 | 1425 | 1386 | 1112 |
| 1069 | 1353 | 1424 | 1426 | 1521 | 1425 | 1422 | 1352 | 1067 |
| 852 | 1301 | 1302 | 1306 | 1313 | 1308 | 1303 | 1300 | 869 |
| 721 | 708 | 693 | 692 | 692 | 691 | 692 | 707 | 722 |

**45cm**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 673 | 671 | 668 | 669 | 672 | 668 | 667 | 665 | 670 |
| 675 | 1061 | 1109 | 1131 | 1134 | 1125 | 1102 | 1058 | 677 |
| 688 | 1269 | 1287 | 1315 | 1452 | 1305 | 1286 | 1264 | 683 |
| 691 | 1275 | 1312 | 1316 | 1466 | 1315 | 1302 | 1288 | 687 |
| 699 | 1332 | 1342 | 1466 | 1468 | 1467 | 1327 | 1325 | 697 |
| 682 | 1283 | 1309 | 1312 | 1462 | 1313 | 1305 | 1285 | 684 |
| 680 | 1265 | 1281 | 1306 | 1455 | 1302 | 1280 | 1261 | 682 |
| 677 | 1062 | 1121 | 1132 | 1139 | 1121 | 1106 | 1060 | 679 |
| 671 | 670 | 669 | 665 | 670 | 669 | 668 | 671 | 672 |

## 60cm

| 643 | 652 | 675 | 681 | 694 | 683 | 677 | 651 | 644 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 644 | 1005 | 1042 | 1086 | 1190 | 1082 | 1046 | 1008 | 646 |
| 645 | 1059 | 1108 | 1109 | 1205 | 1111 | 1109 | 1054 | 647 |
| 650 | 1071 | 1112 | 1113 | 1214 | 1113 | 1110 | 1069 | 649 |
| 652 | 1209 | 1208 | 1213 | 1216 | 1207 | 1209 | 1206 | 650 |
| 647 | 1077 | 1112 | 1114 | 1210 | 1110 | 1108 | 1076 | 648 |
| 646 | 1053 | 1105 | 1109 | 1202 | 1108 | 1107 | 1052 | 645 |
| 641 | 1001 | 1046 | 1077 | 1189 | 1085 | 1043 | 1003 | 643 |
| 642 | 653 | 672 | 691 | 699 | 687 | 675 | 655 | 641 |