

## 1450W Foldable LED Grow Light 1 Channel For Indoor Plant Cultivation

### Basic Information

- Place of Origin: CHINA
- Brand Name: ANROFU
- Certification: CE ROHS FCC DLC ETL
- Model Number: HY12-1450W-3A1-240
- Minimum Order Quantity: 1
- Packaging Details: Gross Weight:24kg /pcs Carton Size:1165X145X860mm
- Delivery Time: 3-5 working days
- Payment Terms: T/T, Western Union, MoneyGram,
- Supply Ability: 1000 pcs per day

ANROFU



LAMP BEADS  
LM2818/LM301H

UL Listed  
Waterproof Drivers

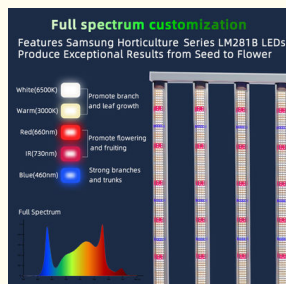
Full spectrum

### Product Specification

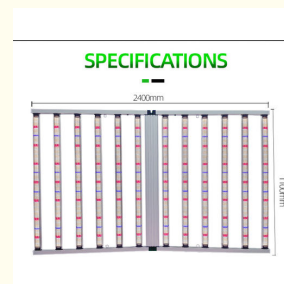
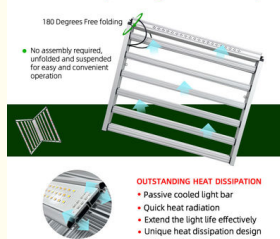
- Power: 1450W
- Material: Aluminium
- Input Voltage: AC100-277V
- Lumen Efficiency CRI: 160LM/W >80
- PPFD (Photosynthetic Photon Flux Density) (380-780nm): 4060μmol/m²/s
- PPE (Photosynthetic Photon Efficacy): 2.8μmol/J
- Coverage: 5x8ft
- Full Spectrum: Full Spectrum White Light 428 Pcs+460nm Blue Light 20 Pcs +660nm Red Light 49 Pcs +730nm IR 7 Pcs
- LED Bar: 12 Strips
- Angle: 120°
- Working Temperature: -20°C~+45°C
- Application: Indoor Plants, Hydroponic Plants



### More Images



#### Foldable plant growth lamp



## Product Description

**【Daisy-Chain One 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. One channel dimmer is easy for client to dimmable the different wavelength of spectrum. The daisy-chain function allows you to connect 50-100 LED grow lamps and can be dimmed simultaneously.

**【Max 5x8ft Coverage Area Plant Lamp Full Spectrum】** 1450Watts (Full spectrum white light 428 pcs+460nm blue light 20 pcs +660nm red light 49 pcs +730nm IR 7 pcs) is perfect for vegetable to grow, 12 pcs LED strip light bars, it can provide evenly distributed light intensity. It can coverage for 5x8ft of high-yielding full-cycle growth.

**【Approved UL CE Certificate Power Supply and Foldable Aluminium Bracket】** The driver of our grow lights is 1450 Watts with approved UL CE certificate and the high energy efficiency with 2.8  $\mu\text{mol/J}$ , 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 12 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.

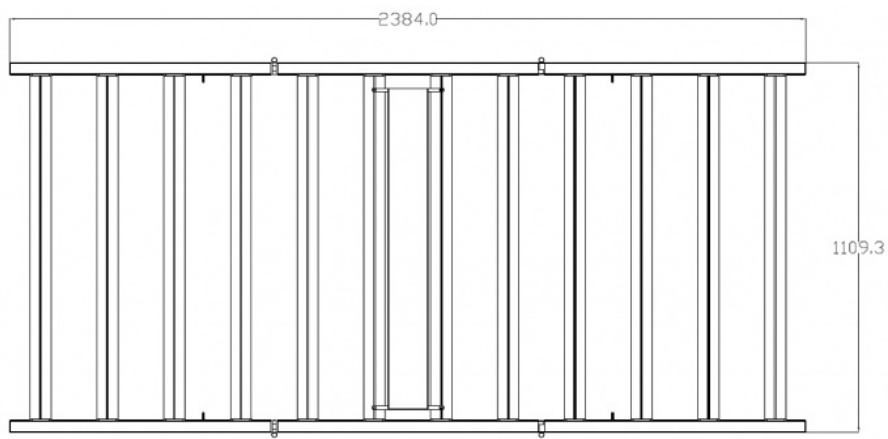
660nm red lights is most useful for plant photosynthesis, promote plant flowering and fruiting, increase yield and crop quality.

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

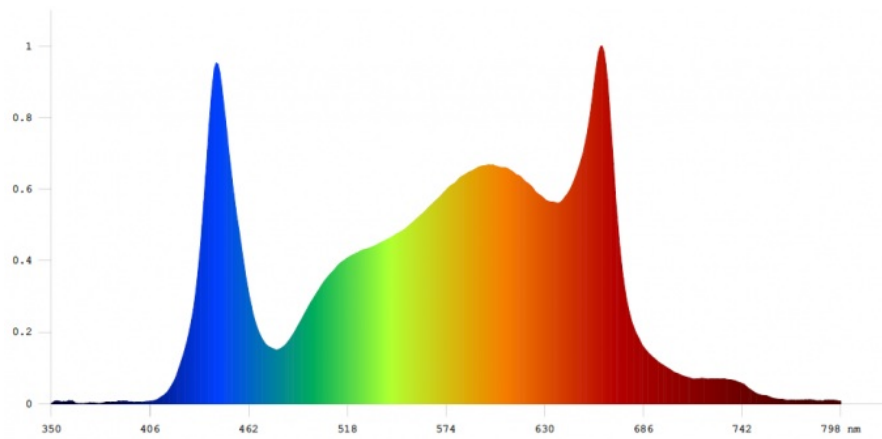
## SPECIFICATION

<b>Product Name</b>	<b>1450W LED Grow Light</b>
Model number	HY12-1450W-3A1-240
Power	1450W
Input voltage	100-277VAC 50/60Hz
Channel	1 channel
LED Driver	UL Driver
Lumen	246500LM
Lumen efficiency CRI	170LM/W >80
PPFD (Photosynthetic Photon Flux Density) (380-780nm)	4060 $\mu\text{mol/m}^2/\text{s}$
PPE (Photosynthetic Photon Efficacy)	2.8 $\mu\text{mol/J}$
Full spectrum	Full spectrum white light 428 pcs+460nm blue light 20 pcs +660nm red light 49 pcs +730nm IR 7 pcs
Coverage	5ftx8ft
Mounting height	$\geq 6"$ (15.2cm) Above canopy
Supplementation time	16-20H/day
Protection level	>0.95
Lamp size	2384*1109*65mm
Angle	120°
Housing color	Silver
Channel	1 channel
Dimmable	0-10V dimming
Material	Aluminium
IP	IP55 (Indoor using)
Lifespan	>50,000H
G.W	24KG/PCS
Working Temperature	-20°C~+45°C
Operating Humidity	<95%
Storage Temperature	-40°C~+80°C
BTU	4930
Input voltage at 100%	AC100V AC220V AC277V
Input current at 100%	13.2A 6.7A 5.4A

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



Spectrum



PPFD Distribution

30cm

886	901	926	994	1004	996	931	896	883
1012	1133	1133	1219	1321	1214	1316	1124	1021
1176	1231	1222	1522	1521	1486	1456	1234	1171
1186	1235	1527	1647	1792	1644	1523	1148	1187
1290	1523	1607	1701	1819	1705	1608	1526	1285
1196	1364	1547	1573	1809	1580	1504	1326	1146
1133	1207	1425	1475	1492	1471	1423	1204	1135
994	1075	1116	1202	1276	1204	1113	1071	991
848	864	896	967	983	961	894	863	841

45cm

812	821	832	848	853	843	836	7824	816
876	994	1052	1079	1207	1076	1055	996	877
986	1058	1139	1216	1336	1213	1135	1056	983
1126	1186	1307	1493	1523	1498	1304	1187	1123
1156	1288	1396	1501	1563	1506	1399	1289	1151
1124	1186	1303	1498	1521	1492	1301	1183	1121
986	1055	1135	1217	1333	1216	1138	1053	981
876	991	1053	1077	1208	1075	1050	994	871
816	824	835	844	847	841	838	821	819

60cm

761	786	805	824	843	826	804	783	764
793	859	1022	1066	1123	1065	1024	856	791
956	1064	1132	1168	1216	1165	1135	1066	954
1071	1161	1204	1354	1356	1352	1202	1165	1074
1086	1257	1303	1358	1400	1354	1304	1253	1083
1073	1165	1204	1356	1364	1350	1201	1161	1070
956	1064	1134	1166	1213	1161	1138	1061	953
791	856	1024	1066	1127	1061	1022	853	796
766	783	804	828	846	823	809	781	768

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