

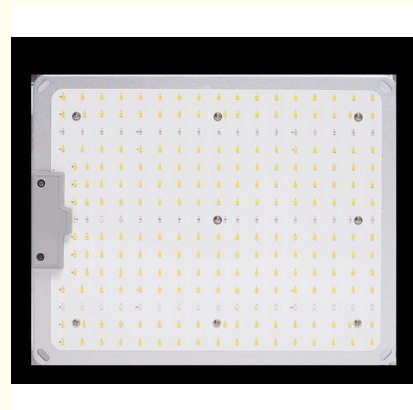
## Powerful LED Grow Light Quantum Board 100W For Large Scale Farming Operations

### Our Product Introduction

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#### Basic Information

- Place of Origin: CHINA
- Brand Name: ANROFU
- Certification: CE ROHS FCC ETL DLC
- Model Number: HY-100W-HT
- Minimum Order Quantity: 1
- Packaging Details: Carton size: 330\*280\*100mm Gross weight: 3.2kg/pcs
- Delivery Time: 3-5 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000pcs per day

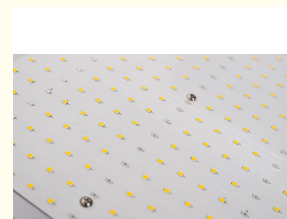


#### Product Specification

- Input Voltage: 100-240VAC
- Power: 100W
- Material: Aluminium
- Driving Brand: ZH Power
- Number Of Leds: 225PCS
- PPF Efficiency: 2.8gumol/s/W
- Gross Weight: 3.2KG
- Coverage: 1.2x1.2ft
- Highlight: Powerful LED Grow Light Quantum Board, 100w Quantum Board LED Grow Light, 100W LED Grow Light Quantum Board



#### More Images



## Product Description

### Powerful LED Grow Light Quantum Board For Large-Scale Farming Operations

#### Product Description:

One of the key features of this LED Grow Light Quantum Board is the driving brand. It features a ZH Power driver, which is known for its reliability and efficiency. This driver ensures that the light operates smoothly and with minimal heat output, which is essential for maintaining a stable growing environment for plants.

The LED Grow Light Quantum Board is also designed with efficiency in mind. It has a PPF efficiency of 2.8  $\mu\text{mol/s/W}$ , which means that it produces a high level of photosynthetic photon flux (PPF) per watt of power used. This translates to an impressive PPFD of 500-900  $\mu\text{mol}/(\text{m}^2\cdot\text{s})$ , which is a measure of the amount of light that actually reaches the plants. This high level of efficiency ensures that plants receive the optimal amount of light for healthy growth and development.

Overall, the LED Grow Light Quantum Board is a top-quality lighting solution for indoor plant cultivation. With its high number of LEDs, reliable driving brand, and impressive efficiency, this light is sure to provide excellent results for growers of all levels. Whether you are a seasoned professional or just starting out, the LED Grow Light Quantum Board is a must-have for your indoor growing setup.

#### Features:

**Product Name:** LED Grow Light Quantum Board

**Number Of Leds:** 225 PCS

**Driving Brand:** ZH Power

**Type:** One Channel Dimmable LED Grow Light Quantum Board

**Gross Weight:** 3.2KG

#### Specification:

Power cord type	US /AU/EU/GB plug
Input voltage	100-240VAC
Rated voltage	120/220VAC
Use light source	SMD2835/3030
Light angle	120 degree $\pm 5$
Rated power	100W $\pm 5\%$
Coverage	1.2*1.2ft
Product size	300*240*60mm
LED Quantity	255 PCS
PPFD	500-900 $\mu\text{mol}/(\text{m}^2\cdot\text{s})$
PPF efficiency	2.8 $\mu\text{mol/s/W}$
Power factor	$\geq 0.9$
Light effect	160 lm/W $\pm 5\%$
Luminous flux	16000lm
Working temperature	-10~+45°C
Storage temperature	-20~+50°C
Gross weight/carton	3.2KG/330*280*100mm
Feature	Easy installation, plug and play, series control
Application scenario	Indoor planting, planting tent

#### Applications:

The ANROFU LED Grow Light Quantum Board is equipped with 225PCS of LEDs, which provide your plants with the optimal light spectrum they need to thrive. The dimmable control make it easy to adjust the lighting according to your plants' needs. With a PPF 2.8 $\mu\text{mol/s/W}$ , this product ensures that your plants get the right amount of light energy to support their growth.

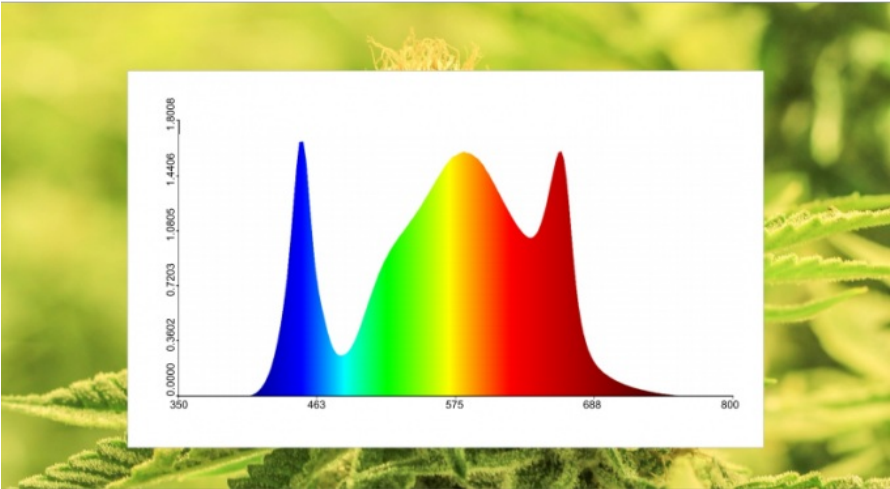
The ANROFU LED Grow Light Quantum Board is designed to last, with a lifespan of up to 50,000 hours. This ensures that you get the best value for your money and that your plants enjoy optimal growth for years to come. With a gross weight of 3.2KG, this product is easy to handle and install, making it ideal for both home and commercial use.

Whether you are a seasoned gardener or a beginner, the ANROFU LED Grow Light Quantum Board is the perfect choice for all your plant-growing needs. It is versatile and can be used for a wide range of plants, including flowers, vegetables, and herbs. With a supply ability of 10000pcs per day, you can be sure that you will always have access to this product when you need it.

Support and Services:

The LED Grow Light Quantum Board product is backed by our expert technical support and services team. We provide comprehensive product support to ensure that you get the most out of your LED grow light. Our team is available to answer any questions you may have about the product, from installation and setup to troubleshooting and maintenance. We also offer repair services and replacement parts if necessary. Our goal is to provide you with reliable and efficient LED grow light solutions that help you achieve your desired results. Contact us today to learn more about our technical support and services for the LED Grow Light Quantum Board product.

Spectrum

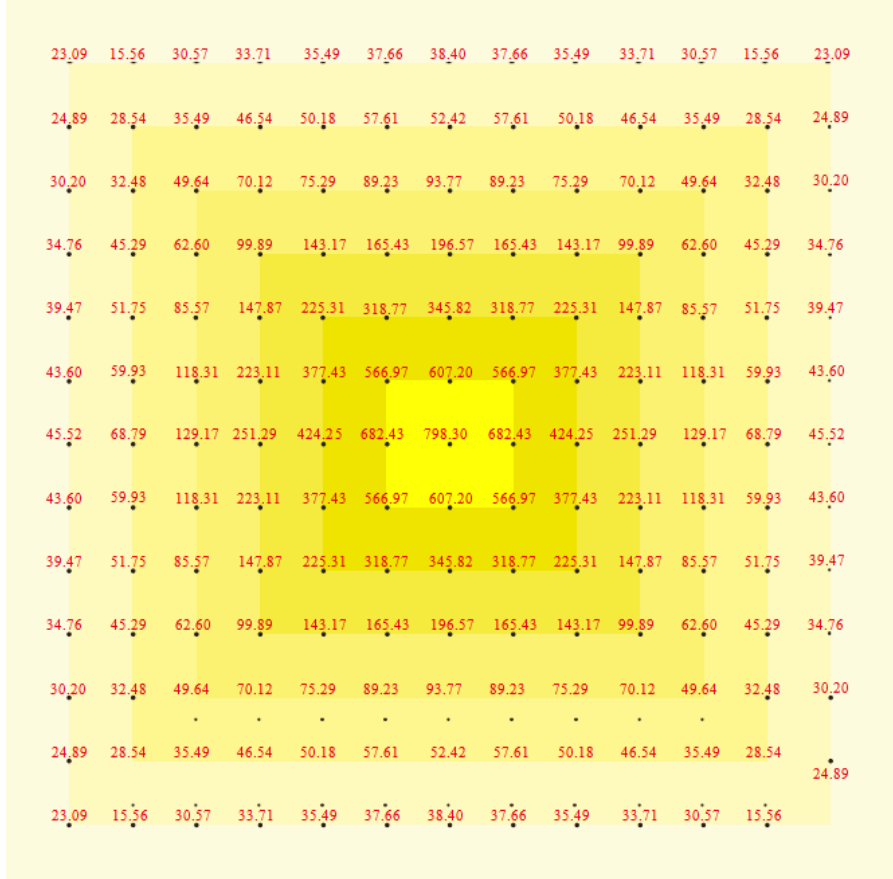


PPFD Distribution

Optical parameter test datainstallation

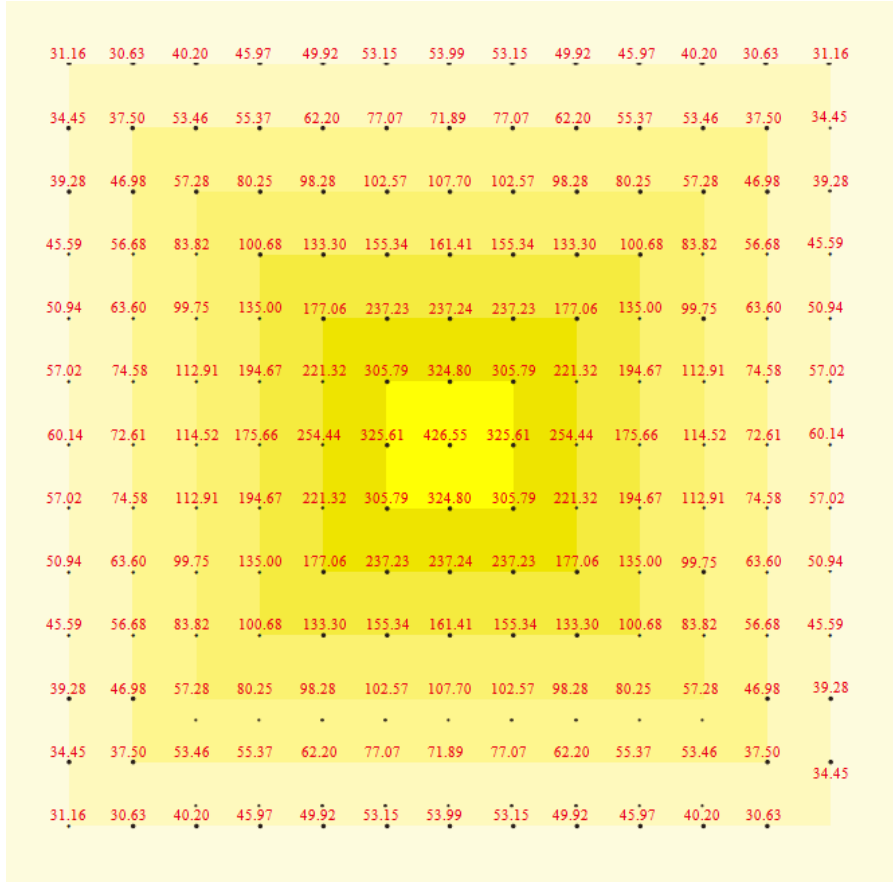
The measuring height is 30cm from the lamp body, the spacing of measuring points in the same plane is 10cm  
Test environment: 150×150×200cm inside the grow tent

PPFD (µmol/m2 ·s)  
10cm



The measuring height is 45cm from the lamp body, the spacing of measuring points in the same plane is 10cm  
 Test environment: 150×150×200cm inside the grow tent

PPFD (μmol/m2 ·s)  
 10cm



The measuring height is 60cm from the lamp body, the spacing of measuring points in the same plane is 10cm  
 Test environment: 150×150×200cm inside the grow tent

PPFD (μmol/m2 ·s)  
 10cm

39.67	42.55	51.67	59.64	62.93	61.82	66.62	61.82	62.93	59.64	51.67	42.55	39.67
43.58	51.28	60.28	74.23	86.06	82.10	80.62	82.10	86.06	74.23	60.28	51.28	43.58
49.74	59.51	72.62	88.72	99.02	104.78	107.76	104.78	99.02	88.72	72.62	59.51	49.74
57.28	67.70	82.96	103.71	127.92	136.36	141.77	136.36	127.92	103.71	82.96	67.70	57.28
61.63	81.91	98.18	124.92	154.72	171.42	182.57	171.42	154.72	124.92	98.18	81.91	61.63
68.49	78.84	110.46	147.98	162.39	199.18	219.77	199.18	162.39	147.98	110.46	78.84	68.49
68.68	83.70	117.94	151.58	200.61	234.37	236.83	234.37	200.61	151.58	117.94	83.70	68.68
68.49	78.84	110.46	147.98	162.39	199.18	219.77	199.18	162.39	147.98	110.46	78.84	68.49
61.63	81.91	98.18	124.92	154.72	171.42	182.57	171.42	154.72	124.92	98.18	81.91	61.63
57.28	67.70	82.96	103.71	127.92	136.36	141.77	136.36	127.92	103.71	82.96	67.70	57.28
49.74	59.51	72.62	88.72	99.02	104.78	107.76	104.78	99.02	88.72	72.62	59.51	49.74
43.58	51.28	60.28	74.23	86.06	82.10	80.62	82.10	86.06	74.23	60.28	51.28	43.58
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