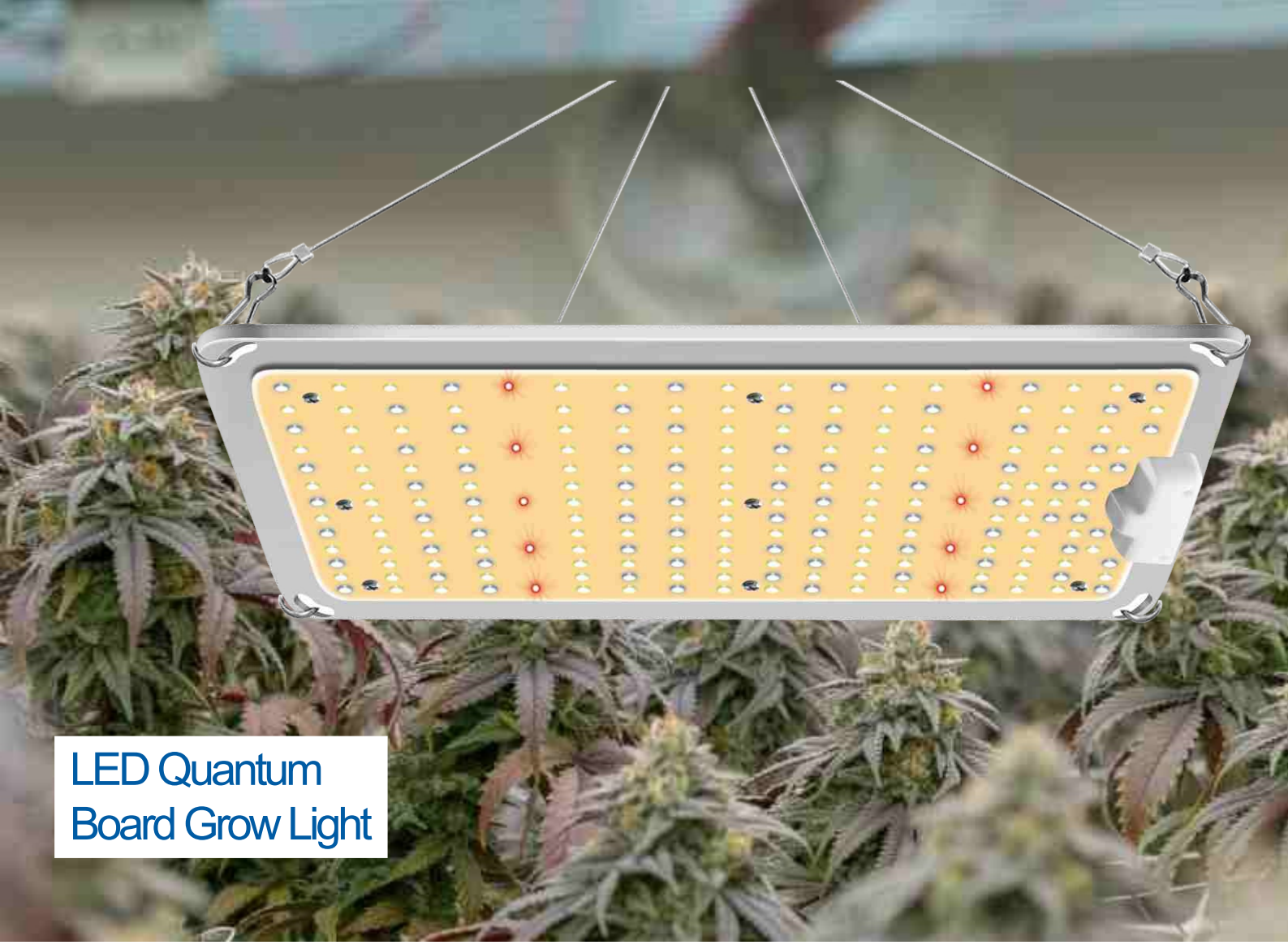


LED Quantum Board Grow Light

Product Features

- Shorten growth cycles
- Improve color, shape and taste
- Plant growth is not affected by the weather
- Custom light recipe to fit your crop and situation
- Best for all plants all stages growing
- Increase yield & crop quality
- Low maintenance costs
- Easy installation

Combined with our professional custom light recipes, LED Quantum Board Grow Light provides every greenhouse grower new opportunities to improve quality and yield.

LED quantum board grow light can provide light efficiency of 2.7umol / J.

It provides growers with unique advantages for specific crops that require high luminous flux, which can directly replace traditional plant lighting systems or as a supplement to energy savings.

LED quantum board plant light can be used in grow tent, grow room, grow chamber, greenhouse, vertical farming, hydroponics, aquaponics, indoor gardening and more places for different indoor plants. IP65waterproof rating makes this grow light suitable for more planting Environment, especially hydroponic cultivation, greenhouse cultivation, commercial cultivation projects, etc.

Product Advantages

Efficient output

Samsung LM301B Diodes -the highest light output LED available at present, and custom deep red and IR, the light can achieve a high PAR value output of 2.7 umol / J, and he better canopy light penetration, get 40% higher yields with less energy compared with other red blue lights. You will be able to cut down the costs of the horticultural lighting system.

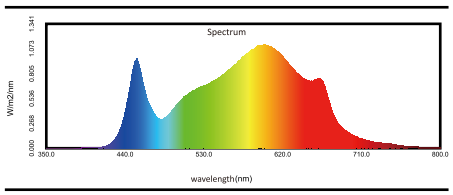
Efficiently growing crops

Created for greenhouse and vertical farming lighting applications. Full spectrum (380nm-800nm, 3000K, 5000K), red light 660nm and IR 750nm, provide everything plants desired in the natural sunlight, encouraging healthier and more balanced plant growth by stimulating photosynthesis, enhancing plant immunity and increasing nutritional value, turning your seeds into a high yielding plants. And due to its white-based light recipe, makes it easier for growers to observe plant growth situation compared with other red blue lights.

Convenient installation and Safe

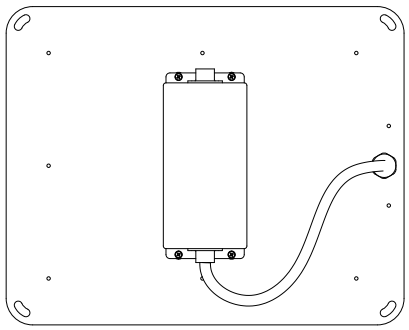
No assembly required. Right out of the box your LED grow light is ready to use. MORE SAFE PROCESS: No Fan ZERO Noise, large areas of solid aluminium heat sink, special protective covers for cables, UL standard wire, waterproof LED board, high safety performance MEAN WELL Driver. 50% longer lifespan compare with other brand lights. Allowing you to grow with confidence

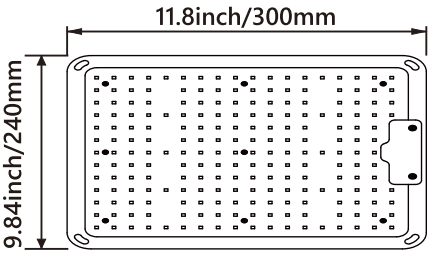
YB-QB110



SPECIFICATIONS

Light Source	LED
Spectrum	Full spectrum
PPF	300 ±5% μmol/s
Input Power	110 ±5% W
Efficacy	2.7 μ mol/J
input voltage	100-277V AC
Single package size	11. 8" L×9. 84" W× 2.17" H 30cm L×24cm W×5.5cm H
Outer Carton Size	14. 5" L×11. 7" W× 3.4" H 30cm L×24cm W×5. 5cm H
Weight	3lbs 1. 72kg
Hanging Height	≥ 6" (15.2cm) Above Canopy
Cooling	Passive
Dimming	1-10V
Lighting Angle	120 °
Lifespan	＞54,000hrs
Power Factor	≥ 0.98
certification	CE,FCC,RoHS
Working temperature	104°F/40°C, max
Waterproof	IP65
Warranty	3 Year





Product series

Model	SPG-QB110	SPG-QB220	SPG-QB450
Power	110 ±5% W	220 ±5% W	450 ±5% W
PPF	300 ±5% μmol/s	600 ±5% μmol/s	1240 ±5% μmol/s
Efficacy	2.7 μmol/J	2.7 μmol/J	2.7 μmol/J
input voltage	100-305V AC	100-305V AC	100-305V AC
Fixture Dimensions	11.8" L x 9.84" W x 2.17" H	23.6" L x 9.84" W x 2.17" H	23.6" L x 19.7" W x 2.17" H
	30 cm L x 24 cm W x 5.5 cm H	60 cm L x 24 cm W x 5.5 cm H	60 cm L x 48 cm W x 5.5 cm H
Weight	1.72kg | 3.8lbs	3.25kg | 7.1lbs	6.22kg | 13.7lbs