



Boulderlamp LED Grow Light MoonWalker MAX

Mold-Yeast-Virus-Free Cultivation

Catalog number: MoonWalker Max

Designed primarily for commercial growers, the MoonWalker MAX LED growlight delivers unparalleled efficiency and crop quality. It combines full-spectrum or crop-specific spectrum with a patented cycling beam that alternates between light bars.

Pests, mold, bacteria, and virus-free cultivation. MoonWalker's cycling beam is made of different color LEDs, including purple-blue antimicrobial 405 nm spectrum, safe for human exposure,

- ✓ acts as a shield against pests and mold growth, help your crops stay healthy and vibrant throughout their growth cycle.
- ✓ known to eliminate harmful microorganisms, may contribute to creating a bacteria and virus-free growing environment for maintaining clean and hygienic growing conditions in vertical farming and other indoor facilities.
- ✓ some studies show that with a purple-blue spectrum, you can increase terpenes and cannabinoid levels, and improve taste of fruits and vegetables.

Efficiency and reliability. For delivering high-efficiency and long-lasting grow lights, we utilize top bin Osram, Cree, Luminous, and Samsung LED chips paired with high-reliability Philips/Signify LED drivers.

Bluetooth Lighting controller. Daily or weekly light level, cycling beam duration, and sequence, all are controlled by an easy-to-use iOS and Android app-based Bluetooth lighting controller.

Light data. The PF efficacy with and without cycling beam is 2.6 $\mu\text{mol}/\text{J}$ and 2.7 $\mu\text{mol}/\text{J}$ respectively. PPF without cycling Beam @ maximum power is 2,040. PPF with cycling beam @ beam center is over 2,500.

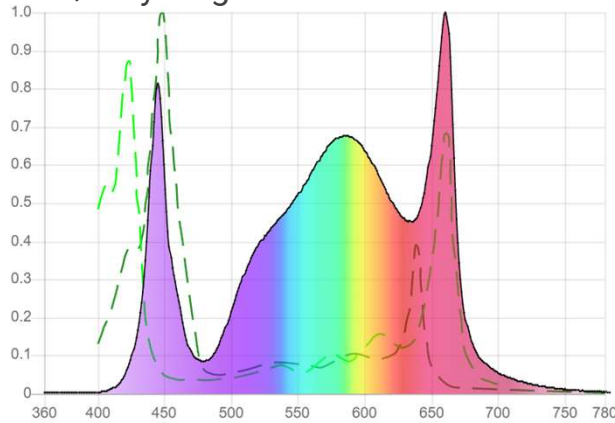


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(Optimized for Cannabis Flowering Phase)

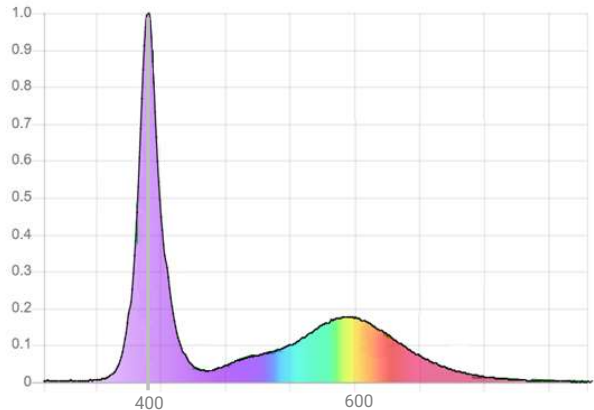
Full-Spectrum

Spectral Power Distribution
w/o Cycling Beam



UVA-Purple-White

Spectral Power Distribution
With Cycling Beam



Summary Specifications



Dow Corning silicone conformally coated LED printed circuit boards provide resistance to water spray, consistent intensity, and prevent light depreciation.

Description	MoonWalker MAX
Cycling beam default duration	5 seconds
Maximum power with cycling beam	990W at 120VAC
	972W at 208VAC
	965W at 277VAC
Coverage area	Up to 4 feet x 5 feet
Full-spectrum white and red LED chips	Cree, Osram, Samsung
Antimicrobial 405nm LED chips	LEDESTAR
Operating voltage range	120 VAC to 277VAC
Approximate dimensions (inches)	47 (L) x 43 (W) x 2.5 (H)
Weight	35 pounds
Warranty	5 years

Light Data

Average PF efficacy with and without cycling beam: 2.6 $\mu\text{mol}/\text{J}$ and 2.6 $\mu\text{mol}/\text{J}$ PPFD with cycling beam @ beam center: 2,530

