



# Boulderlamp LED Grow Light MoonWalker 850W

## Mold-Yeast-Virus-Free Cultivation

**Catalog number:** MoonWalker 850W

Designed for commercial and home growers, the MoonWalker 850W 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 growing.** 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. PPFD without cycling Beam @ maximum power is 1,700. PPFD with cycling beam @ beam center is over 2,200.

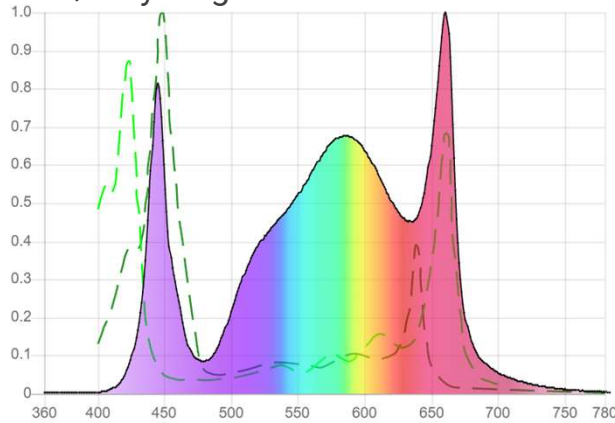


# Boulderlamp MoonWalker 860W

(Optimized for Cannabis Flowering Phase)

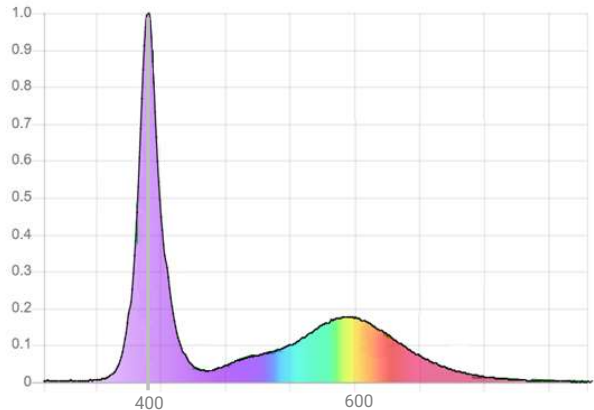
## Full-Spectrum

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	858W at 120VAC
	842W at 208VAC
	835W 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	30 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: 2,200

