



HASHCROPTER PLATFORM

The most flexible high-end LED lighting platform in the 1,000-watt class with 1,570 $\mu\text{mol/s}$ @ 2.0 $\mu\text{mol/J}$. In addition to the possibility of adjusting the intensity and spectrum, this is the first LED lighting fixture that provides adjustable light distribution.

Adjustable Spectrum

For plants light is not only a source of energy but also information! Plants can actually “detect” and “interpret” the spectrum. This information can trigger a wide range of processes inside the plant.

Our tunable 3-channel solution has been designed to take full advantage of digital horticulture lighting.

Adjustable Light Distribution

A homogeneous light distribution is crucial in optimizing both yields and crop quality.

The HashCropter is the world's first LED grow light to be able to easily adjust the light distribution by adjusting the arms. There are four settings to choose from.

For those who want to unleash the full potential of horticulture lighting, there are five available extensions that add a fourth fully tunable channel.





TECHNICAL DATA

ELECTRICAL POWER

0 - 780 W¹

MAX. OUTPUT (PPF)

1,570 $\mu\text{mol/s}$

SYSTEM EFFICIENCY

up to 2.1 $\mu\text{mol/J}$ ²

SPECTRAL ADJUSTABILITY

3 channels: 0 - 100% (CC dimming)

RECOMMENDED COVERAGE AREA

25 sq. ft. (5 x 5 ft.)³

12 sq. ft. (4 x 4 ft.)⁴

AUTO VOLTAGE

140 - 240 V

MAXIMUM CURRENT

6.6 A @ 120 V (3.3 A @ 240 V)⁵

3.4 A @ 230 V

FREQUENCY

50/60 Hz

POWER FACTOR

>0.98

HEAT OUTPUT

1,651 BTU (max. 2,751 BTU)⁶

AMBIENT TEMPERATURES

50 - 104 °F

THERMAL MANAGEMENT

active

WEIGHT

22.7 lbs.

DIMENSIONS (L x W x H)

23 x 23 x 6.5 in

LIFETIME RATING (OVERALL SYSTEM)

50,000+ hours of operation

WARRANTY

5 years

CERTIFICATIONS

CE, UL in progress

¹ at 120 V (max. 806 W)

² depending on spectral and dimmer setting; 1,95 $\mu\text{mol/J}$ @ 120 V

³ for individual suspension in grow boxes

⁴ also when using CO₂ gassing

⁵ information for the North American market only

⁶ max. heat output in the event of light output not being processed by plants

Contact us today at

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