LOPRO MAX 3.0 LED GROW LIGHT

800W LED

1000W HPS
REPLACEMENT

Intertek

Lightweight & Low Profile
Lightweight HPS replacement with concealed drivers and low profile (2.56") allows the fixture to fit in vertical racking systems with minimal clearance.

Sun White Pro + Spectrum
Ideal for growing plants from start to finish with increased blue light for tighter internodal spacing and higher terpene content as well as balanced red light for healthy flowering rates.

IP66 Rated
IP66 rated components protect the fixture from dust and water exposure commonly encountered in most CEA applications.

High PBAR Output & Efficacy
Over 2450 PPF output with a photon efficacy of 3.1 µmol/J. 4416 chips per fixture guarantees uniformity, deep canopy penetration and longevity.

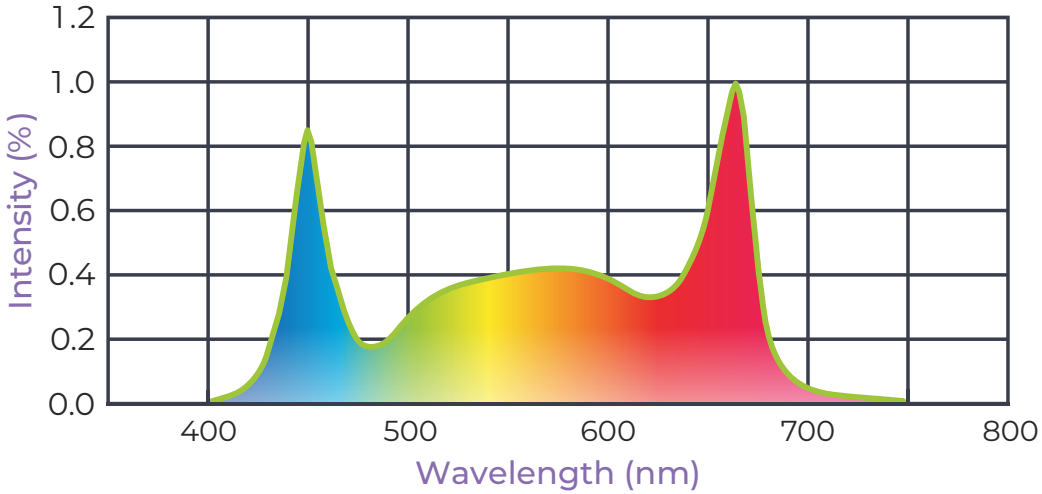
0-10V Dimmable
Compatible with standard 0-10V horticulture lighting control systems. Dim fixtures individually using a manual dimmer or dim multiple fixtures using a smart controller.

Extra-Long Lifetime & Guarantee
Features an exceptional 50,000-hour lifetime and a 5-year warranty.

Active Grow Sun White Pro + Spectrum Formula

PBAR Range (280-800 nm)
Plant Biologically Active Radiation

UV 280-400 nm	Blue 400-500 nm	Green 500-600 nm	Red 600-700 nm	Far-Red 700-750 nm	Infrared 750-800 nm
0%	18%	35%	45%	2%	0%



Blue 400-500 nm
Improves overall plant health and quality including taste, aroma, color and nutrition. Helps promote plant compactness and root development.

Green 500-600 nm
Increases overall plant photosynthetic efficiency and penetrates the canopy to encourage growth of lower leaves. Makes detecting issues like pests and disease on plants easier to see.

Red 600-700 nm
Promotes plant photosynthesis and increased biomass. Essential for leaf expansion and stem growth. Helps regulate plant flowering, photoperiod and germination.

Far-Red 700-750 nm
Promotes expansion and stretching of leaves and stems. Penetrates the canopy to encourage growth of lower leaves. When used with 660-680 nm wavelengths, plant photosynthesis rates increase via the Emerson effect.

Seattle, WA | (206) 792-9799 | info@activegrowled.com | www.activegrowled.com

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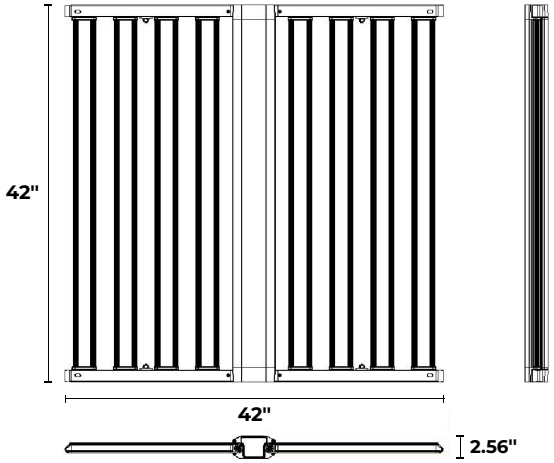
Target PPFD & DLI*

Plant Type	Target PPFD (µmol/m²/s)	Hours/Day	Avg. DLI (mol/m²/day)
Seedlings/Cuttings	50-100	18	3-6
Microgreens	100-200	18	6-12
Leafy Greens	200-250	18	12-16
Vegetative Growth	250-450	18	16-26
Flowers/Fruits	250-500	18	16-32
Cannabis Flower	500-1000+	12	22-43

Product Dimensions



SPECIFICATIONS	800W LOPRO MAX 3.0 LED GROW LIGHT
Model number	AG/800LPM3/FS/480V
Power	800 watts
Input voltage	208-480V 50-60Hz
Amperage	208V (3.8A) / 240V (3.3A) / 277V (2.9A) / 480V (1.7A)
Rated power factor	>0.95
PPF output (400-700 nm)	2438 µmol/s
PBAR output (280-800 nm)	2478 µmol/s
PPF efficacy (400-700 nm)	3.07 µmol/J
PBAR efficacy (280-800 nm)	3.12 µmol/J
Spectrum	Sun White Pro + Spectrum
CRI	94
Dimensions (l x w x h)	42”x42”x2.56” (1067x1067x65mm)
Weight	30.86 lbs (14 kg)
Mounting height	6-36" (152-914mm)
Dimmable	0-10V hardwire / Smart controller
Daisy chainable power	Yes (MTO)
Daisy chainable dimming	Yes
Smart controller compatible	Yes
IP rating	IP66
Max ambient temp.	113°F / 45°C
Heat load	2724 BTU/hr
THD	<10%
Lifetime	50,000 hours
Warranty	5 years
Certifications	ETL, DLC
Accessories included	2 Y-hangers, 8.2' (2.5m) 480V power cord with pigtails, 0-10V dimming cable

* Target DLI information is for general reference using given photoperiods. For optimal target data, always look into specific requirements for each plant species.

AG-LPM-3.0-800-480V-FS-DS-122223

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