

L3 GROW LIGHT

SPEAK THE LANGUAGE OF LIGHT

The most intelligent, efficient, variable-spectrum grow light on the market.



APPLICATIONS:

- COMMERCIAL INDOOR HORTICULTURE
- COMMERCIAL GREENHOUSE SUPPLEMENTATION
- RESEARCH FACILITIES

Feature	Benefit
Programmable Variable Spectrum	<ul style="list-style-type: none"> • Photosynthetically optimized for max yield • Control plant characteristics • One light can handle all growth stages • Smooth spectrum transitions • Natural daylight dynamics can be closely simulated
Programmable Variable Intensity	<ul style="list-style-type: none"> • Light levels can be optimized for different strains and growth stages • Photosensor daylight balancing for greenhouse supplementation • No external timers or contactors needed
Industry-Leading Efficiency	<ul style="list-style-type: none"> • 40% LESS POWER and 40% less cooling required vs. HPS lights for equal yields • Less than 2-year payback
Holistic Facility Control	<ul style="list-style-type: none"> • Completely integrate lighting, environmental, and fertigation in one highly intuitive system
Intelligent Cloud-Based Control	<ul style="list-style-type: none"> • Monitor and control the system from any device and any location • Frees you from the chains of your grow • Simple to use
ZERO Maintenance	<ul style="list-style-type: none"> • No bulbs or reflectors to replace
White View Mode	<ul style="list-style-type: none"> • Easy plant inspection and worker comfort
Wireless Connectivity	<ul style="list-style-type: none"> • Fast installation • Robust operation • No wires to maintain

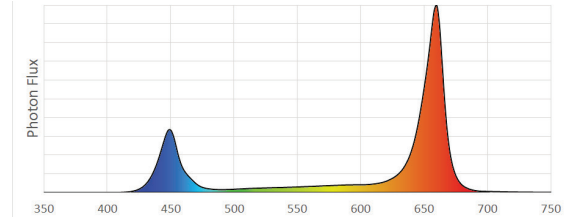
Holistic Control

No other company gives you the power to holistically integrate lighting, HVAC, CO₂, and fertigation in ONE powerful and intuitive system.

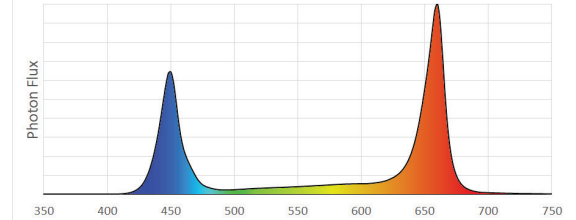
Spectrum	PPF (μmol/s)	Efficacy (μmol/J)	Electrical Power (W)	Heat Output (BTU/hr)	Flower	Veg
OBF*	1640	2.5	655	2235	X	
OBV*	1030	2.4	430	1467		X
VW	1600	2.3	700	2388	X	X

*20% of total power is broad spectrum white light.
Custom spectrum mixes available.

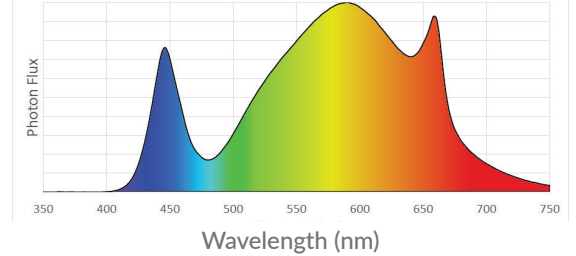
Opti-Blend Flower (OBF)



Opti-Blend Veg (OBV)



Vari-White (VW)



Speak the Language of Light

The L3 is equipped with 3 independently-controllable channels of high-efficiency LEDs. By varying the relative mix of red and blue light, the L3 allows you to control the pheno-expressions (traits) of the plant. You can choose where you want the plant to focus its energy: to produce leaves, flowers, resin, or stems. You will speak the language of light!

Specifications

All specifications are shown at 100% intensity.

Indoor Plant Coverage Area	4x4' flower, 5x5' veg
Dimming	5-100%, 3 independently-controllable channels
Connectivity	Wi-Fi 802.11 b/g/n, Bluetooth 4.1 with BLE
Operating Voltage and Frequency	110-277 VAC 50-60 Hz, >0.92 PF
Dimensions and Weight	17.2 L x 14.2 W x 6.8" H, 49.2 lbs. 437 L x 360 H x 172mm H, 22.3 kg.
Operating Temperature	-4 to 104°F (-20 to 40°C) 10-95% RH non-condensing
Warranty	3-year standard or 5-year extended
Lifetime	>50,000 hours to L70

Specifications subject to change without notice.

