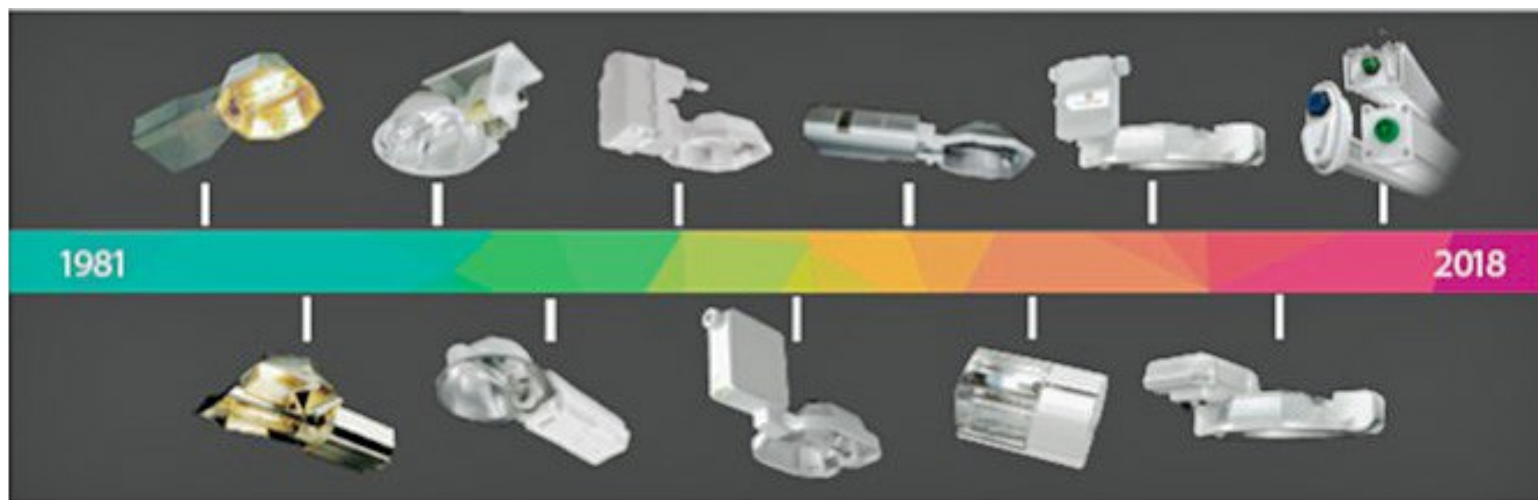


P.L. LIGHT SYSTEMS

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U.S. Global Resources is a proud distributor of PL Lights for 35 years serving the horticultural and agricultural industry domestic and international.



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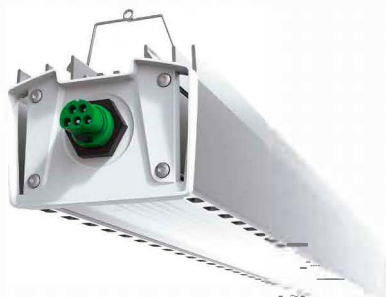


A SOLUTION FOR ANY APPLICATION

- Each of the HortiLED product offerings features unique LED optics-custom engineered to deliver optimum lighting performance for specific applications.
- Unrivalled lighting performance and energy efficiencies.
- Available in multiple spectral options-including specific cannabis optimized spectrums.

HortiLED

THE FUTURE OF GROW LIGHTING



HortiLED TOP



HortiLED MULTI



HortiLED INTER

Finally, a high performance LED light from world leader PL LIGHT SYSTEMS.

International leader for nearly 40 years in North America and around the world in:

- Quality
- Research
- Performance
- Efficient energy use
- Technology
- Layout engineering

USGR has represented PL Light Systems in North America since 1983. We know plant growth technology and plant requirements from propagation to harvest.

P.L. LIGHT SYSTEMS

THE LIGHTING KNOWLEDGE COMPANY

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OVER 75 YEARS OF SERVICE TO A GROWING WORLD



Designed for optimum performance and exceptional efficacy, the HortiLED TOP is a versatile top-lighting system that can be used for all types of crops.

HortiLED TOP

PERFORMANCE MEETS EFFICIENCY




With a light output of $860 \mu\text{mol}/\text{m}^2 \cdot \text{s}$ and a system efficacy of $2.7 \mu\text{mol}/\text{J}$, the HortiLED TOP delivers optimum performance and energy savings. Engineered to deliver lighting performance on par with that of traditional light sources, the HortiLED TOP is ideal for use in many different top lighting applications. Available in multiple distribution and spectral options—HortiLED TOP offers unparalleled lighting design flexibility. Optional 0-10V dimming allows for seamless integration with compatible control systems.



Light output can be dimmed on a relative scale, based on varying levels of natural daylight within the facility—enabling exceptional control of light levels and energy consumption. A simple plug-and-play platform, intuitive mounting and multiple voltage options, allows for quick and easy installation or retrofitting from traditional light sources.

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A highly-unique optical design provides exceptional energy efficiencies and ideal distribution of light onto the plant canopy in high-wire applications.

HortiLED INTER

PRECISELY CONTROLLED DISTRIBUTION



A highly unique optical design allows for the best possible combination of light intensity and distribution along the vertical plane of high-wire crops like tomatoes or cucumbers.

The HortiLED INTER delivers up to $125 \mu\text{mol}/\text{m}^2\cdot\text{s}$ uniformly to the top surface of the leaves, even at the lowest levels of the canopy while delivering system efficacies as high as $2.63 \mu\text{mol}/\text{J}$. The narrow-profile modules are also designed to provide optimal heat management-enabling close-to-canopy mounting without any burning.



The HortiLED INTER can be used as standalone system or in combination with one of PL Light System's top lighting solutions-providing unparalleled flexibility and optimum lighting control throughout the growing season.

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A high-output LED lighting solution that delivers industry-leading energy efficiencies and optimal lighting quality in limited-daylight multilayer applications.

HortiLED MULTI

SMALL SCALE, BIG PERFORMANCE



HortiLED MULTI is a small fixture that offers big energy savings, allowing for maximum space utilization and system efficacies as high as 2.5 $\mu\text{mol/J}$.

The HortiLED MULTI is available in two module lengths and distribution options. Each option is designed to deliver optimum light levels and uniformity across the length and width of shelf-while minimizing light loss off the sides of the shelf.



Designed to deliver exceptional uniformity, the HortiLED MULTI ensures even illumination to each individual plants regardless of its position in the layer.

Multiple spectral options allow growers to tune the lighting according to the desired plant responses.

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P.L. LIGHT SYSTEMS
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**HSE
NXT2**
600W / 1000 WATT FIXTURE

A REVOLUTIONARY FIXTURE

PL Light Systems is proud to introduce the HSE NXT2, the pinnacle of 1000W horticultural fixture design. The HSE NXT2 takes into account not only the most advanced electronic driver, but utilizes a brand new cast aluminum body. The HSE NXT2 is designed for years of maintenance free operation and no detail has been overlooked.

KEY FEATURES & BENEFITS INCLUDE:

- High efficiency electronic ballast
- Built in heat fins to reduce operating temperature by 6%
- Hinged ballast compartment for easy access
- New breathable membrane allows for cooler operation
- Single part casting with slide lock sockets to make lamping and re-lamping quick and easy
- Compatible with Alpha, Beta and Asymmetric reflectors to suit your lighting requirements



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P.L. LIGHT SYSTEMS
THE LIGHTING KNOWLEDGE COMPANY

HSE

NXT-LP

600W / 1000 WATT FIXTURE



UNCOMPROMISING LIGHTING PERFORMANCE.

Engineered specifically for low ceiling applications, the HSE NXT-LP offers growers the same industry-leading performance they have come to expect from the NXT family of products — without compromise.

The fixture's ultra low-profile design lends itself ideally to close-to-ceiling mounting, to allow for more space between the fixture and the surface of the crop in facilities where ceiling height is limited.

KEY FEATURES & BENEFITS INCLUDE:

- Delivers optimum light output, unparalleled uniformity and depth penetration.
- Low-profile cast-aluminum housing for close-to-ceiling mounting — allowing for more space between light fixture and the surface of the crop.
- Dimmable electronic ballast.
- Built in heat fins and “breathable membrane” to reduce operating temperature.
- Die-cast ballast compartment for easy access.
- Single part casting with slide lock sockets to make lamping and re-lamping quick and easy.





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REPAIR & REPLACEMENT PARTS

