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MaxLite launches PhotonMax LED Linear Light for horticulture applications

Expands line of DLC Horticulture listed products that make advanced lighting technology accessible for cultivators of all crop types

WEST CALDWELL, N.J. (April 1, 2020) – MaxLite, a leading global manufacturer and marketer of energy-efficient lighting solutions since 1993, launches the PhotonMax Linear Light as a high-performance LED grow light designed to optimize crop production in greenhouses and high intensity vertical farming applications.

The PhotonMax LED Linear Light (PH-LI Series) can match applications where traditional 400W to 600W HID fixtures are used, in a more sleek and durable form factor. Emitting up to 761 $\mu\text{mol/s}$ with outstanding electrical efficiency (up to 2.8 $\mu\text{mol/J}$), the Linear Light produces consistent, high quality light using 50% less energy than conventional HID light sources. The Linear Light is available in PPFs of 491-533 $\mu\text{mol/s}$ (200W model) and 761 $\mu\text{mol/s}$ (300W). The 200W model comes in three spectra (BPRX, BPBX, FSRX), while the 300-watt is offered in BPRX. The Linear Light is dimmable, providing increased precision and control for operations with varied light outputs, growth stages and crop types.

The luminaire's low-profile design minimizes the effects of shading and enables cultivators to maximize utilization of natural light. In most cases, the fixture can be mounted directly below trusses for a flush-mounted system. The Linear Light's linkable design and multiple mounting options offer ease of installation for large-scale use. Up to three 200W units can be linked in continuous runs, while up to two 300W models can be connected.

The Linear Light is IP65-rated to withstand watering, dust and other rigors of commercial-scale growing environments. With photon flux maintenance of 36,000 hours, the Linear Light provides superior longevity compared to legacy technologies. The 200-watt model is already listed to the DesignLights Consortium (DLC) Horticultural Qualified Products List, the central resource for utilities in designing energy efficient lighting incentive programs; the 300-watt version is expected to become listed later this spring. MaxLite is working closely with utilities to identify and market rebate opportunities that will speed the time to ROI for growers. The listing may be viewed on the DLC website at: <https://www.designlights.org/horticultural-lighting/search/>

"With the new Linear Light, and previous release of our PhotonMax Spot Light, MaxLite is setting the new standard for the horticulture lighting market with LED products that deliver exceptional performance, quality and efficiency for growers," said Paul Gray, senior director of horticulture sales. "We are fully committed to creating products that can reduce energy load and position cultivators for success."

MaxLite offers a complete line of quality, high-performance horticulture lighting solutions supported by industry-leading warranties and expert assistance. For more information, go to www.maxlite.com/horticulture.

View complete specifications for the PhotonMax LED Linear Light at: <https://www.maxlite.com/products/photonmax-horticulture-led-linear-lights>

To download a high-resolution product image, click here: http://www.maxlite.com/PDFs/PR/PRkit/MaxLite_LinearHorticulture.zip

About MaxLite (www.maxlite.com)

MaxLite has been committed to providing energy-efficient lighting products since 1993. One of the first movers into LED technology in the industry, MaxLite offers an extensive line of quality, certified indoor and outdoor LED lamps and luminaires. A five-time recipient of the ENERGY STAR Partner of the Year Award for its industry leadership, MaxLite continues to be at the forefront of energy-efficient technologies through the innovative research and development capabilities of its teams and facilities in New Jersey, Indiana and California. For more information, call 800-555-5629, email info@maxlite.com, or follow us on [LinkedIn](#), [Facebook](#), [Twitter](#) and [Instagram](#).

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