



Heliospectra Features HelioCORE™ Light Control System and New Series of Lightbars at Cultivate'18 in Columbus, Ohio

Greenbelt Microgreens and Commerical Food Growers Achieve Consistent Production Cycles with Heliospectra's New LED Lighting Solutions

GOTHENBURG, Sweden / SAN FRANCISCO, CA, 9 July 2018 Heliospectra AB (publ) (OTCQB: HLSPY, FIRSTNORTH: HELIO), a world leader in intelligent lighting technology for greenhouse and controlled plant growth environments, will showcase the company's new vertical farming lightbar solution and the recently released [HelioCORE™ light control software](#) at Cultivate'18 in [booth #3154](#), July 15-17, 2018 in Columbus, Ohio.

The new 50-watt lightbars are fully dimmable, offering commercial indoor growers a simple solution with spectra variants to optimize propagation and plant growth across the production cycle. The HelioCORE light control system, compatible with [the company's ELIXIA and DYNA adjustable spectrum LED lights](#), gives growers complete control of their growing environment and operational costs with real-time, dynamic light response to achieve predictable, repeatable and accurate yield forecasts and harvest results.

"The ability to achieve consistent yields and control our supplemental LED lighting ensures that Greenbelt Microgreens delivers the highest quality product to market week after week," explains Ian Adamson, CEO of Greenbelt Microgreens. "HelioCORE creates significant business advantages and cost savings as we automate and scale. The Greenbelt team is able to focus our attention on producing locally-grown organic, flavorful and nutritious microgreens. Heliospectra's fully adjustable spectrum lights and intuitive software controls affirm our plants receive only the precise amounts of light needed with immediate response to changes in daily or even hourly light levels."

[Greenbelt Microgreens](#) is a Canadian-owned and operated greenhouse grower specializing in microgreens. Greenbelt Microgreens cultivates 3.5 acres of microgreens, baby greens and lettuce under glass in Ontario, Canada, and partners with 400+ retailers across the region.

Greenbelt's commitment to highest quality produce and environmentally-friendly business practices is shared by Heliospectra customers and commercial installations across six continents.

"Our growers today are responding to strict demands from retailers to deliver consistent production of high-quality crops year-round. Growers also have to show the ability to adjust production to market demands. In order for cultivation teams and growers around the world to meet these demands, growers recognize that a flexible production model, consistent production cycles and time to market are critical when competing for retail customers," said Ali Ahmadian, CEO of Heliospectra.

"HelioCORE in combination with our adjustable lighting solutions gives growers the capability to respond to such demands and take full control. Business can scale quickly with resource-efficient operations and zero compromises on crop quality," he continues.

Industry-Leading HelioCORE™ Light Control System

Released in April 2018, Heliospectra's HelioCORE features three control modules:

- DLI Controller
- On Target Controller
- Schedule Controller

Greenbelt Microgreens implemented the HelioCORE software controls in early 2018, recognizing immediate value across multiple production cycles with the DLI and On Target PPFD controllers as well as the enhanced scheduling tools.

Heliospectra Lightbars with Spectra Variants

Heliospectra's 50-watt, fully dimmable lightbars offer a number of spectra variants to support diverse crops across the complete growth cycle. The lightbars are designed for easy installation with a flexible daisy chain wiring sequence.

Five different lightbar spectra variants promote propagation, grafting and healing, cloning, far red light treatments and indoor production with sole source lighting. Growers can optimize and expand existing operations with vertical farming in tiers or build out new, fully integrated facilities. The Heliospectra lightbar series will be available for commercial release in Q3 2018.

Heliospectra's versatile solutions portfolio addresses the needs of commercial growers, from Northern Canada to the Middle East, supporting the future of horticulture and controlled environments agriculture with technical services, LED lighting technology, and artificial intelligence and data-driven controls.

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Heliospectra AB (publ) (OTCQB: HLS, FIRST NORTH: HELIO) is the global leader in intelligent lighting technology, light control systems and related services for greenhouse and controlled plant growth environments. With the vision to make commercial crop production more connected and resource-efficient, Heliospectra integrates customized LED spectral strategies with real-time response and artificial intelligence to create predictable and reliable business forecasts and harvest results. Founded in 2006, Heliospectra is committed to helping growers and commercial producers across six continents consistently increase yields and produce crops with quality appearance, superior nutritional or medicinal value and longer shelf life, harvest after harvest. Heliospectra is the recipient of multiple international awards and recognitions. For more information, please visit <https://www.heliospectra.com>.

Forward-Looking Statements

The statements in this press release constitute forward-looking statements within the meaning of federal securities laws. Such statements are based on our current beliefs and expectations and are inherently subject to significant business, economic and competitive uncertainties and contingencies, many of which are beyond our control. In addition, such forward-looking statements are subject to assumptions with respect to future business strategies and decisions that are subject to change. Potential risks and uncertainties include, but are not limited to, technical advances in the industry as well as political and economic conditions present within the industry. We do not take any obligation to update any forward-looking statement to reflect events or developments after a forward-looking statement was made.