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ProPhotonix Limited
("ProPhotonix" or "the
Company")

ProPhotonix to Exhibit LED and Laser Solutions at Automate 2024 in Chicago

ProPhotonix Limited a designer and manufacturer of LED illumination systems and laser diode modules with operations in Ireland and the United Kingdom, part of the Exaktera group, is pleased to announce it will exhibit at Automate, set to take place from May 6th to May 9th, 2024. As a member of the Exaktera group, ProPhotonix will present a comprehensive lineup of multispectral and hyperspectral LED lighting solutions, alongside advanced laser-based solutions, at Booth 2286 in McCormick Place, Chicago.

Among the highlights of the exhibit is the debut of the [COBRA HyperSpec Visible](#) hyperspectral LED line light. The innovative COBRA HyperSpec Visible delivers a broad, flat, and fuller spectrum targeting the visible band between 400nm and 700nm. This visible-only configuration of the COBRA HyperSpec delivers remarkable color rendering capabilities, empowering critical color inspection processes essential for maintaining quality control across diverse manufacturing sectors. From high-end consumer goods to automotive components and printed materials, the new COBRA HyperSpec sets a new standard for precision and reliability in spectral inspection.

Also featured at Booth 2286 will be the latest addition to our award-winning COBRA MultiSpec range - the [COBRA MultiSpec RGB-SWIR](#). This new configuration has been crafted to deliver high-powered RGB light at wavelengths of 445nm, 532nm, and 630nm, seamlessly integrated with dedicated SWIR wavelengths at 1150nm and 1450nm, all within a single line light source. The RGB wavelengths enable identification or characterization within the visible spectrum, while the SWIR wavelengths are ideally suited for contaminant detection and differentiation between organic and inorganic materials. With its versatile capabilities, the

COBRA MultiSpec RGB-SWIR addresses food sorting, package inspection, and silicon wafer inspection, setting a new benchmark for efficiency and accuracy in spectral analysis.

Additionally, visitors will have the opportunity to explore ProPhotonix's range of [custom laser modules](#) tailored to meet specific customer requirements. From robotic guidance systems to industrial alignment solutions, these custom modules exemplify ProPhotonix's commitment to delivering tailored solutions that optimize performance and efficiency in automation applications.

"We are excited to showcase our comprehensive range of solutions at Automate 2024," said Tom Cinque, Director of Sales Americas at ProPhotonix. "As automation continues to revolutionize industries worldwide, this event presents an excellent opportunity for us to engage with customers and demonstrate how our illumination solutions are empowering organizations to unlock new levels of productivity and efficiency."

ProPhotonix is part of the Exaktera group. Exaktera is creating a family of companies focused on delivering precision performance for OEMs through LED and laser technology. ProPhotonix will be co-exhibiting with sister companies Advanced Illumination and Z laser at the show.

Visit ProPhotonix at Booth 2286 during Automate 2024 to experience firsthand the future of automation-optimized LED and laser solutions.

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About ProPhotonix

ProPhotonix is a high-technology designer and manufacturer of diode-based laser modules and LED systems for industry-leading OEMs and medical equipment companies. In addition, the Company

distributes premium diodes for Ushio, Osram, QSI, Panasonic, and Sony. The Company serves a wide range of markets including the machine vision, industrial inspection, security, and medical markets. ProPhotonix has offices and subsidiaries in the U.S., Ireland, U.K., and Europe. For more information about ProPhotonix and its innovative products, visit the Company's website at www.prophotonix.com.

About Exaktera

Through its expertise in innovative light-based technology, Exaktera enables and improves critical and game-changing systems. Our brands, Z-LASER, ProPhotonix, and Advanced Illumination, deliver laser and LED-based solutions that define system performance in varied markets including machine vision, automation, and medical solutions. Thorough applications expertise, optimized technology, and exceptional quality are central to the solutions we provide to our OEM and end-user customers. For more information, visit www.exaktera.com.