



January 8, 2024

ProPhotonix Limited

("ProPhotonix" or "the Company")

New Visible COBRA HyperSpec LED Line Lights Now Available

New visible hyperspectral light offers superior illumination for color inspection applications.

ProPhotonix Limited, a designer and manufacturer of laser diode modules and LED illumination systems with operations in Ireland and the United Kingdom, part of the Exaktera group, is pleased to announce the addition of a new standard configuration to its innovative COBRA™ HyperSpec LED line light product range – visible hyperspectral LED lights.

Building on the earlier release of the COBRA HyperSpec Visible-IR with wavelengths between 400nm and 1000nm; this new addition focuses exclusively on the visible band between 400nm and 700nm. Demonstrating a broad, flat, and *fuller* spectrum, the [COBRA HyperSpec Visible](#) provides an ideal solution for a wide range of color inspection applications such as color integrity and surface finish inspections. This new visible hyperspectral line light delivers a superior solution to standard white phosphor-converted LED lights since these sources typically exhibit limited coverage across the visible spectral range. Color inspection is critical to quality control in the manufacturing of a wide range of products from high-end consumer goods, to automotive to printed materials such as wallpaper and packaging; and the new visible-only COBRA HyperSpec (400nm–700nm) demonstrates exceptional color rendering.

The [COBRA HyperSpec Visible](#) offers all the advantages of an LED-based light including energy efficiency, and long lifetimes, as well as advantages unique to the COBRA HyperSpec platform – such as superior light output from a compact form factor, integrated strobe and Ethernet control, and an intuitive interface allowing engineers to easily optimize their spectrum to the task or object at hand.

Built on the established COBRA Slim platform, the compact COBRA HyperSpec can be configured with up to 12 wavelengths. Chip-on-Board LED technology is utilized to allow a much higher packing density than with competing products and ensure excellent uniformity and high intensity. COBRA HyperSpec is a modular product and is available in lengths up to 6m.

Simon Stanley, Director of Technology at ProPhotonix (IRL), said "We are pleased to announce the addition of the visible hyperspectral light to the COBRA HyperSpec range. This new configuration will enhance existing color inspection systems and enable new applications. The

COBRA platform is configurable for a wide range of applications and can be customized to address specific application needs.”

For more information, visit: <https://bit.ly/48z4oMY>

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About ProPhotonix

ProPhotonix Limited 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.