

Center for Digital Imaging Inc. www.cdiny.com

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Köln Germany

Center for Digital Imaging Inc. introduces a daylight LED lighting source with flash sync capabilities designed specifically for the digital imaging needs of museums and libraries.

After years of development and testing at cultural institutions worldwide, Scott Geffert of Center for Digital Imaging Inc. has developed an LED based light source with minimal UV and iR radiation that is suitable not only for digital imaging, but also for accurate color viewing. The 5000K, high CRI (90) daylight light source is comparable to traditional color viewing booths. For the first time, users can view, compose, and photograph objects under the same light source, enabling the closest possible matching between original object, computer display and output in a color-managed environment, especially when using the latest LED driven computer displays. Unlike crude, spectrally imbalanced flashlight style LED arrays, the technology behind these lights enables stunning brightness and quality of light.

In addition to the benefits of high quality light, the CDI LED lights include 2000:1 continuous 16bit resolution dimming with no visible color shift, and the ability to network and control lights in various configurations. The lights function not only as a constant light source, but have also been designed to synchronize with camera shutters, operating as a digital flash. This specific capability enables the safest possible mode for viewing and photographing light-sensitive, rare materials. The constant light output can be limited to just enough light to compose an image and the duration of full output light required for correct exposure is determined by the camera's shutter speed. This XFS™ (extended flash sync) technology opens up a new world of lighting control by combining the best of flash and constant light sources. Other benefits of LED lighting are dramatically reduced power consumption (compared to traditional light sources), solid-state impact resistance, and an extremely long expected life span of over 50,000 hours. The CDI LED lights are built with multiple, redundant thermal management systems to insure long life and consistent results.

Integrated light shaping elements are optimized to throw a wide, evenly-distributed pool of light ideal for lighting 2D objects, backgrounds, video blue screens, fill light for architectural photography, and small tabletop photography. Three different diffusion covers are available: clear, frosted and white, allowing users to change the character of the emitted light. The compact 9.25" x 3.15" rectangular form-factor allows the lights to be easily mounted to existing light stands or copy stands. Available now, the lights cost \$2495.00*

Multiple patent pending elements have been incorporated into this first in a series of truly innovative technologies and LED lighting solutions developed by CDI. CDI also creates custom LED lighting solutions for specific customer application requirements and OEM integrations as well as offering consulting services for digital imaging workflow, asset management and color management.

Visit www.cdiny.com for more information.



CDI 100 Watt Daylight LED (Front/Back View)