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PERFEKTLIGHT

PERFEKTLIGHT - Recognized by IES for Breakthrough Tunable White LED Technology with Color Rendering of +96

RANDOLPH, VT – September 9, 2020 – LEDdynamics announces that PERFEKTLIGHT™ tunable white technology has been recognized in the Illuminating Engineering Society’s 2020 Progress Report. This selection confirms the innovation as a unique and significant advancement to the art and science of lighting.

"Acknowledgement of PERFEKTLIGHT™ by the IES raises awareness of healthy lighting," said LEDdynamics CEO, Neil Cannon.



Modern life has people indoors more than any other time in history. The lack of sunlight exposure contributes to a number of health issues, including the disruption of circadian rhythms, which causes irregular sleep and wake cycles. Tunable white

lighting, which is rapidly emerging as the best type of circadian lighting, can foster improved health and wellness while indoors.

However, many applications of this technology have not been able to be deployed due to both the complexity and the cost. LEDdynamics has engineered PERFEKTLIGHT™ to expand commercial applications by integrating patent-pending LED technology with cost-effective controls.

“PERFEKTLIGHT™ is a revolutionary tunable lighting system. It recreates the sunlight’s effect on human circadian rhythms at precisely the right times of day,” Cannon said. “Retail testing has resulted in higher sales and happier employees who report better sleep and an improved work environment.”

PERFEKTLIGHT™ uses geographic information and time of day to continuously and automatically adjust interior lighting to match sunny skies outside. The Spectral Power Distribution (or “fingerprint”



of daylight changes continually throughout the day – from sunrise to sunset. PERFEKTLIGHT™ replicates this dynamic progression of sunlight, while traditional monochromatic lighting does not. Across the tuning range, the color rendering is maintained between 96 and 98 and Correlated Color Temperature (CCT) is corrected to follow the Blackbody locus. These features promote health and wellness and make recognizing colors as though seen under sunlight.

PERFEKTLIGHT™, with corrected CCT tuning and “Set and Forget” controls, is straightforward to install and cost-effective, making it ideal for new construction and retrofit applications in healthcare, retail, residential, education, and grocery venues.

To learn more about PERFEKTLIGHT™ visit our website, LEDdynamics.com, or contact us at (802) 728-4533.

About PERFEKTLIGHT™ – The Perfection of Sunlight

PERFEKTLIGHT™ is a revolutionary tunable, white LED technology designed to replicate sunlight. Coupled with a cost-effective and easy-

to-control system, it can be retrofitted into existing fixtures or purchased through fixture partners like [Prolume](#). To learn more, visit our website at LEDdynamics.com/PERFEKTLIGHT.



About LEDdynamics – Powering LED Technology Change

LEDdynamics both engineers and manufacturers LED systems within the United States. Backed by two decades of innovation, they have provided competitive advantages to customers and enabled end-users to benefit from LED technology. To learn more about us, visit

LEDdynamics.com/about.

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