

## **OLED Technology Leader OLEDWorks Announces Breakthrough Multi-Stack Microdisplay Performance**

*3, 4 and 5-stack OLED formulations provide leadership luminance efficiency with exceptional peak brightness, lifetime, power efficiency and color purity.*

*Technology and results to be presented on August 5th at the SID Virtual Symposium in Session 12.2.*

ROCHESTER, N.Y. ([PRWEB](#)) July 29, 2020 -- One week from today, OLEDWorks, the leading manufacturer of OLED light technology for the general lighting and automotive industries, is introducing its unique high-performance multi-stack OLED microdisplay technology.

These innovative multi-stack solutions provide a combination of breakthrough performance for Virtual Reality (VR), Augmented Reality (AR) and other near-eye display industries when compared to single- or double-stack solutions. When combined with OLEDWorks' unique, cost-effective manufacturing technology, these microdisplays can provide an advantageous combination of very high brightness, long lifetimes, exceptional power efficiencies, and high color gamut, all at a low manufacturing cost.

The co-founder and chief operating officer of OLEDWorks, Dr. John Hamer, will be sharing the published results for the first time next Wednesday, August 5th in Session 12.2 at the SID Virtual Symposium.

"We have taken our multi-stack technology and manufacturing process developed for very high performance lighting and applied it to microdisplays," said Dr. Hamer. "The results have been exceptional."

Dr. Hamer will present an overview of the technology approach and demonstrated results from 3, 4 and 5-stack microdisplay formulations. Dr. Hamer will also compare results against industry benchmarks and describe how the very broad tool kit provided by high-multiple stack displays enables the display designer to optimize different performance parameters for a given application requirement.

This stacked architecture provides a significant increase in luminance efficiency that can be used to optimize and balance exceptional peak brightness of the display, very low power usage, high color gamut and high contrast against the needs of unique applications. Designs for both high and low persistence operations will be discussed.

Visit [OLEDWorks.com](#), on Wednesday August 5th, for more information on the data behind this breakthrough and information on the future of OLEDWorks' multi-stack microdisplay.

### About OLEDWorks

[OLEDWorks](#) is a global leader in the development and production of innovative organic light-emitting diode (OLED) light technology. By producing the world's best performing OLED panels and combining rapid product innovation, OLEDWorks simplifies and enriches lighting solutions in general lighting, automotive, and microdisplay applications. OLED light engines enhance the well-being of our world and its inhabitants.



**Contact Information**

**Ashley Romano**

OLEDWorks

<http://https://www.oledworks.com/>

(585) 645-9168

**Online Web 2.0 Version**

You can read the online version of this press release [here](#).