



Press Release

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FOR IMMEDIATE RELEASE

UNIVERSAL DISPLAY UNVEILS OLED LIGHTING PROTOTYPE TO DEMONSTRATE NOVEL FEATURE OF COMPANY'S SINGLE-LAYER BARRIER TECHNOLOGY

Shown at SID's Display Week 2012, company's barrier film technology covers entire panel to provide opportunities for 'bezel-less' product designs

Ewing, New Jersey — June 05, 2012 — [Universal Display Corporation](#) (NASDAQ: PANL), enabling energy-efficient displays and lighting with its [UniversalPHOLED®](#) technology and materials, unveiled a new OLED prototype using its proprietary UniversalBarrier™ technology at the [2012 Society for Information Display \(SID\) International Symposium, Seminar, and Exhibition](#). Universal Display is showcasing the prototype from June 5 -7, 2012, at Booth No. 649 at the Boston Convention & Exhibition Center.

The company's UniversalBarrier single-layer barrier film technology, which has demonstrated excellent barrier performance and potential cost-effectiveness, has recently been shown to enable product designs not requiring an encapsulation bezel. This feature increases the potential active panel area and enhances the ability to tile panels together, offering significant benefits for rigid and flexible display and lighting product designs.

“Developed to accelerate the commercialization of flexible OLED displays and lighting, our single-layer barrier film technology now offers added benefits for flexible and glass OLED product designs,” said Steven V. Abramson, President and Chief Executive Officer of Universal Display. “With excellent performance, potential cost effectiveness, and now the ability to enhance panel designs, our barrier technology can be an important component for the next wave of cutting-edge and design-friendly OLED display and lighting products.”

OLED display and lighting devices require protection from environmental factors, like oxygen and moisture. Officially introduced in 2011, Universal Display's novel single-layer barrier technology forms a permeation barrier with hybrid organic-inorganic properties and enables cost-effective packaging of thin-film devices and plastic substrate systems. The technology could also be a key factor in enabling novel manufacturing techniques, including roll-to-roll printing of electronics.

To see how Universal Display is changing the face of the display and lighting industries with its UniversalPHOLED[®], white OLED and flexible OLED technologies, please visit the company at www.universaldisplay.com.

About Universal Display Corporation

Universal Display Corporation (Nasdaq: PANL) is a leader in developing and delivering state-of-the-art, organic light emitting diode (OLED) technologies, materials and services to the display and lighting industries. Founded in 1994, the company currently owns or has exclusive, co-exclusive or sole license rights with respect to more than 1,400 issued and pending patents worldwide. Universal Display licenses its proprietary technologies, including its breakthrough high-efficiency UniversalPHOLED[®] phosphorescent OLED technology, that can enable the development of low power and eco-friendly displays and white lighting. The company also develops and offers high-quality, state-of-the-art UniversalPHOLED materials that are recognized as key ingredients in the fabrication of OLEDs with peak performance. In addition, Universal Display delivers innovative and customized solutions to its clients and partners through technology transfer, collaborative technology development and on-site training.

Based in Ewing, New Jersey, Universal Display works and partners with a network of world-class organizations, including Princeton University, the University of Southern California, the University of Michigan, and PPG Industries, Inc. The company has also established relationships with companies such as AU Optronics Corporation, Chimei Innolux Corporation, DuPont Displays, Inc., Konica Minolta Technology Center, Inc., LG Display Co., Ltd., Lumiotec, Inc., Moser Baer Technologies Inc., Panasonic Idemitsu OLED Lighting Co., Pioneer Corporation, Samsung Mobile Display Co, Ltd., Seiko Epson Corporation, Sony Corporation, Showa Denko K.K., and Tohoku Pioneer Corporation. To learn more about Universal Display, please visit www.universaldisplay.com.

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