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## Dow Corning to Showcase the Latest in Ground-breaking Optical Silicone Technology and LED Design at LIGHTFAIR 2017

**AUBURN, Mich. – May 4, 2017** – Dow Corning, a wholly owned subsidiary of The Dow Chemical Company and a global leader in silicones, silicon-based technology and innovation, will unveil next week at LIGHTFAIR International 2017 (Booth #2557) a significant expansion to its award-winning Moldable Optical Silicones family. The company will also showcase the latest advances and applications of its industry-leading silicone solutions for LED lighting, including an innovative LED lamp developed by Selux Corp. and lens designs pioneered by Dow Corning customer and co-exhibitor LumenFlow® Corp.

“We look forward to unveiling our three latest Moldable Optical Silicone products to current and future customers at LIGHTFAIR 2017, and discussing how these cutting-edge materials can further broaden design freedoms for secondary lenses and optical elements used in high-brightness LED lamps and luminaires,” said Rogier Reinders, global marketing director for Advanced Assembly Solutions at Dow Corning. “While these new products highlight future possibilities for customers, Dow Corning’s booth will also showcase successful LED lighting designs and applications from Selux, LumenFlow and other industry leaders that have leveraged the power of our advanced silicone solutions.”

Selux, the designer and manufacturer of the next-generation light engine on display in Dow Corning’s LFI booth, engineered a new Gen 5 module comprised of seven LEDs. The optics for each LED are fabricated from *Dow Corning*® MS-1002 Moldable Optical Silicone, which helped Selux reduce the bill of materials, streamline assembly and provide reliable protection for the LED dies in its advanced design.

LumenFlow, a photonics engineering and manufacturing firm, will be on hand at Dow Corning’s booth, where it will feature several cutting-edge optical designs enabled by Dow Corning’s Moldable Optical Silicone technology. Among them is a total internal reflection (TIR) silicone lens array for linear lighting that offers low glare and reduced hot spots in a low-profile design with lower molding and assembly costs.

In addition to these successes, Dow Corning’s booth at LFI will further display a broad selection of advanced LED components and finished assemblies that the company’s industry-leading silicones helped to enable. Dow Corning’s expert LED lighting team will also be on hand at LFI to discuss unique design flexibilities, proven reliability and simpler processability enabled by optical silicones.

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“The competitive drive to develop more efficient, appealing and differentiated LED lighting designs is burning as bright as ever,” said Reinders. “Dow Corning remains committed to working closely with industry leaders worldwide to challenge today’s design boundaries and push LED lamps and luminaires to ever greater levels of reliability and performance.”

A market leader in materials, expertise and collaborative innovation for LED lighting concepts, Dow Corning offers solutions that span the entire LED value chain, adding reliability and efficiency for sealing, protecting, adhering, cooling and shaping light across all lighting applications.

### About Dow Corning

Dow Corning ([dowcorning.com](http://dowcorning.com)), a wholly owned subsidiary of The Dow Chemical Company, provides performance-enhancing solutions to serve the diverse needs of more than 25,000 customers worldwide. A global leader in **silicones**, silicon-based technology and **innovation**, Dow Corning offers more than 7,000 products and services via the company’s Dow Corning® and **XIAMETER**® brands. More than half of Dow Corning’s annual sales are outside the United States. Dow Corning’s global operations adhere to the American Chemistry Council’s Responsible Care® initiative, a stringent set of standards designed to advance the safe and secure management of chemical products and processes.

### About Dow

Dow (NYSE: DOW) combines the power of science and technology to passionately innovate what is essential to human progress. The Company is driving innovations that extract value from material, polymer, chemical and biological science to help address many of the world's most challenging problems, such as the need for fresh food, safer and more sustainable transportation, clean water, energy efficiency, more durable infrastructure, and increasing agricultural productivity. Dow's integrated, market-driven portfolio delivers a broad range of technology-based products and solutions to customers in 175 countries and in high-growth sectors such as packaging, infrastructure, transportation, consumer care, electronics, and agriculture. In 2016, Dow had annual sales of \$48 billion and employed approximately 56,000 people worldwide. The Company's more than 7,000 product families are manufactured at 189 sites in 34 countries across the globe. References to "Dow" or the "Company" mean The Dow Chemical Company and its consolidated subsidiaries unless otherwise expressly noted. More information about Dow can be found at [www.dow.com](http://www.dow.com).

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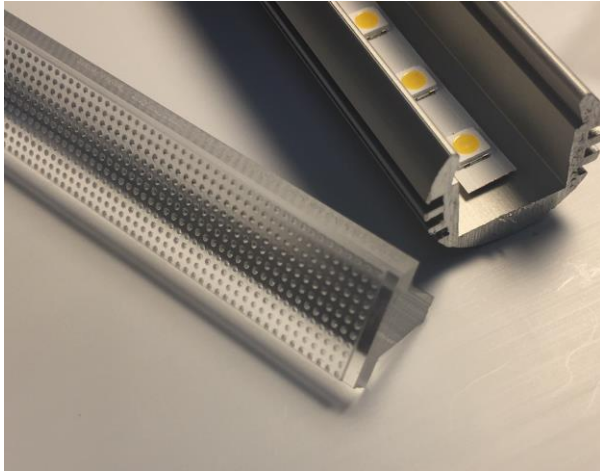
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Next week at LIGHTFAIR International 2017, Dow Corning will unveil at Booth #2557 a significant expansion to its award-winning Moldable Optical Silicones family, and showcase the latest advances and applications of its industry-leading silicone solutions for LED lighting, including successful applications from customers such as LumenFlow (shown here). Photo courtesy of LumenFlow Corp.