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Rambus Introduces Off-the-Shelf LED Light Guides

New product line integrates proven MicroLens[®] optics for superior efficiency and control of light

SUNNYVALE, Calif.--(BUSINESS WIRE)-- [Rambus Inc.](#) (NASDAQ:RMBS) today announced a new family of off-the-shelf optical light guides that are used to create ultra-thin LED edge-lit luminaires for a broad range of lighting applications. The new products deliver the performance and efficiency benefits of Rambus' proven MicroLens technology, which have shipped in over 6 million light guides and used in fixtures around the world. The new LED light guides provide the time-to-market advantage of standard products.

"Rambus has a strong history partnering with our customers to produce light guides that have been designed and built to custom specifications for optimal quality and control of light," said John Langevin, general manager of Lighting for Rambus. "With the addition of standard products, we are able to leverage our expertise and technology to provide fixture designers access to our MicroLens technology without any custom tooling or non-recurring engineering. This reduces development time and cost, and accelerates time to market."

Standard LED Light Guides with MicroLens Optics

The LED light guides use MicroLens Optics with a constant density pattern that can be used in a variety of form factors and applications. They are particularly well suited for recessed and suspended luminaires in offices, schools, hospitals and high-bay buildings. The products are cost effective, energy efficient and provide greater control and directionality of light, allowing designers more time to spend on developing creative luminaires. The light guides are manufactured in our state-of-the-art, high-volume manufacturing facility in the United States.

The initial launch includes three product families with distinct optical patterns for varying aesthetic and functional requirements including:

- | The S-Series uses specular optics and offers maximum ray angle control and lowest glare.
- | The SD-Series provides good glare control and a wider downlight and uplight distribution.
- | The D-Series provides a uniform light distribution with a more diffuse appearance.

Availability

The light guides are available for immediate shipment in six standard sizes, with additional sizes available upon request.

For additional information, or to order these products, please visit <https://www.rambus.com/light-guides/>

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About Rambus Lighting Division

The Rambus Lighting Division is dedicated to providing innovative LED light guides that deliver superior quality and control of light. Our advanced lighting solutions, which include MicroLens[®] optics and state-of-the-art manufacturing capabilities, create highly-efficient and cost-effective fixtures with design flexibility. Additional information is available at rambus.com/lighting.

About Rambus Inc.

Rambus creates innovative hardware and software technologies, driving advancements from the data center to the mobile edge. Our chips, customizable IP cores, architecture licenses, tools, software, services, training and innovations improve the competitive advantage of our customers. We collaborate with the industry, partnering with leading ASIC and SoC designers, foundries, IP developers, EDA companies and validation labs. Our products are integrated into tens of billions of devices and systems, powering and securing diverse applications, including Big Data, Internet of Things (IoT), mobile, consumer and media platforms. At Rambus, we are makers of better. For more information, visit rambus.com.

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