



June 10, 2013

## Rambus Adds Color Temperature Change Capability to Family of Revolutionary LED Bulbs

*In-lamp adjustment allows end users to choose color temperature with a turn of the dial*

SUNNYVALE, Calif.--(BUSINESS WIRE)-- [Rambus Inc.](#) (NASDAQ: RMBS), the innovative technology solutions company that brings invention to market, today introduced a revolutionary capability for in-lamp adjustment of color temperature in its LED-based [PAR30](#) and [BR30](#) bulbs. This technology development comes following the general release of the Rambus [PAR30 and BR30](#) bulbs, and continues the company's momentum in bringing its portfolio of LED bulbs to market.

Since LEDs are available in a series of color that cross the spectrum of white, there is a high degree of variation of color temperatures in lamps that are available to the consumer, making it difficult to blend new LED bulbs with existing lighting. With a simple turn of a dial on the bulb, this innovative technology cost effectively enables in-lamp color temperature change through the use of a remote phosphor and a color mixing light guide, without requiring additional LEDs or expensive multi-channel drivers.

The Rambus in-lamp color adjustment technology allows the end user to continuously adjust color temperature to create the desired environment, from cool white of 5,000 kelvin to warm white of 3,000 kelvin, and all points in between. In the commercial sector, this technology enables simplified SKU management and is scalable to meet changing needs. Retailers need only one bulb on the store shelf to cover all the different color options that consumers require.

"We are excited to add more revolutionary capabilities to our LED bulb product portfolio. The ability for the end user to control and update the color temperature of their bulbs is unique within the lighting industry," said Jeffery Parker, president of the Lighting and Display Technology group at Rambus. "Whether it's a consumer, distributor, store owner or facility manager, this new capability means users can purchase the bulb today without worrying about replacing it later if their color temperature needs change."

Rambus is currently accepting commercial requests for its [PAR30](#) and [BR30](#) bulbs, which are expected to be generally available in Q3 of this year. For additional information on Rambus' wide-range of lighting innovations, please visit: [www.rambus.com/bulb](http://www.rambus.com/bulb).

### **About Rambus Inc.**

Rambus is the innovative technology solutions company that brings invention to market. Unleashing the intellectual power of our world-class engineers and scientists in a collaborative and synergistic way, Rambus invents, licenses and develops solutions that challenge and enable our customers to create the future. While best known for creating unsurpassed semiconductor memory architectures, Rambus is also developing world-changing products and services in security, advanced LED lighting and displays, and immersive mobile media.

### **RMBSTN**

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Source: Rambus Inc.

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