



OFFICIAL SMARTGLASS OF THE  
USA PAVILION AT EXPO MILANO 2015

## **Mercedes-Benz Announces Refreshed SLK with a New Name, the SLC, Featuring MAGIC SKY CONTROL Using SPD-SmartGlass Technology**

**Stuttgart, Germany – December 16, 2015.** Today, Mercedes-Benz launched the new Mercedes-Benz SLC, which will be available to order starting mid-January 2016. In today's [press release](#) from Mercedes-Benz it stated, "A feature that continues to be unique to the SLC is the panoramic vario-roof with MAGIC SKY CONTROL – this glass roof is lightened or darkened at the touch of a button. This means that it provides an open-air feeling at any time, but when required gives welcome shade under a hot sun." The MAGIC SKY CONTROL feature, using Research Frontiers SPD-SmartGlass technology, is a carry over from the previous model. Other new features include a new front end, new headlamps, some new engines, among many others. The new Mercedes-Benz SLC will be available for viewing to the public at the North American International Auto Show in Detroit from January 11-24.



The MAGIC SKY CONTROL feature uses patented SPD-SmartGlass technology developed by Research Frontiers to turn the roof transparent by electrically aligning tiny particles in a thin film within the glass. With the touch of a button, drivers and passengers can instantly change the tint of their roof to help keep out harsh sunlight and heat, and create an open-air feeling even when the sunroof is closed. Glass or plastic using Research Frontiers' patented SPD-SmartGlass technology effectively blocks UV and infrared

rays in either mode, helping keep the cabin cooler, and protecting passengers and interiors. These benefits become even more important when a car uses large surface areas of glass, especially in warm climates.

SPD-Smart technology has proven itself in many aspects, from durability and performance, to sales. MAGIC SKY CONTROL is now in use on thousands of SLs, SLKs, Mercedes-Maybachs and other S-Class models around the world. The MAGIC SKY CONTROL feature was most recently introduced on the Mercedes-Benz S-Class V222 sedan (sold in the United States as the S550). Before putting cars into serial production, Mercedes-Benz put the MAGIC SKY CONTROL roof using SPD-SmartGlass technology through rigorous durability and performance testing in some of the most extreme conditions on Earth. This included testing in the arctic cold of Scandinavia (with temperatures below -22°F/-30°C) and the blistering desert heat of Death Valley, California (with temperatures exceeding 122°F/50°C). MAGIC SKY CONTROL blocks over 99% of harmful UV radiation and substantially reduces heat inside the vehicle. Test data published by Mercedes-Benz shows the ability of the roof to reduce sun exposure to 1/20th of direct exposure levels (from over 1,000 watts/square meter to less than 50 watts/square meter). When compared to conventional automotive glass, Mercedes-Benz reported that the use of SPD-SmartGlass significantly reduces the temperature inside the vehicle by up to 18°F/10°C. This increases passenger comfort and reduces air conditioning loads, thereby saving fuel and reducing CO2 emissions.

#### **About Research Frontiers Inc.**

Research Frontiers (Nasdaq: REFR) is the developer of SPD-Smart light-control technology which allows users to instantly, precisely and uniformly control the shading of glass or plastic, either manually or automatically. Research Frontiers has built an infrastructure of over 40 licensed companies that collectively are capable of serving the growing global demand for smart glass products in automobiles, homes, buildings, museums, aircraft and boats. For more information, please visit our website at [www.SmartGlass.com](http://www.SmartGlass.com), and on [Facebook](#), [Twitter](#), [LinkedIn](#) and [YouTube](#).

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