

FOR IMMEDIATE RELEASE

**AGC Unveils *Lightjoule*<sup>TM</sup>, an Ultra-lightweight Solar Panel**  
—With the use of *Leoflex*<sup>TM</sup>, the panel weight reduced by nearly 50%—

**Tokyo, May 23, 2014**—AGC (Asahi Glass Co., Ltd.; Head Office: Tokyo; President & CEO: Kazuhiko Ishimura) announced that it will start the sales of *Lightjoule*<sup>TM</sup>, an ultra-lightweight solar panel, this month. Using *Leoflex*<sup>TM</sup>, a thin and strong chemically strengthened specialty glass, as the cover glass, AGC successfully reduced the panel weight of *Lightjoule* by nearly 50% compared to conventional solar panels.



In recent years, large rooftops, such as those found on plants, warehouses, and public facilities, are increasingly used for solar panel installation. However, some rooftops have loading weight restrictions and in such cases the user need to reduce the number of solar panels installed or carry out roof reinforcement work prior to installation.

Being ultra-lightweight, *Lightjoule* can be installed on rooftops with loading weight restrictions without reinforcement work. A larger number of panels can be installed without the extra cost required by conventional panels. In addition, the lighter-weight solar panel will improve the efficiency of installation work and reduce installation costs.

Together with the launch of *Lightjoule* that utilizes the advantages of *Leoflex*, AGC will continue to offer products and technologies that respond to market needs for energy conservation.

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■ Product Specifications of Lightjoule

Product name	
Product number	LW225SZ1A
Cell type	Single crystal silicon
Nominal maximum output	225 W
External dimensions (W x D x H)	1,482 x 985 x 35 mm
Weight	9.5 kg
Module conversion efficiency	15.41%
Module output Guarantee period <sup>※</sup>	20 years <sup>※</sup>

※Please contact us for the details and terms and conditions of the product guarantee.

■ Example of installation of ultra-lightweight solar panels (Kansai Plant (Takasago Factory) of AGC)

