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Guardian Introduces Anti-Reflective Glass For Lighting Solutions

Auburn Hills, Mich. (November 1, 2010) – [Guardian Industries](#) today announced a new product, Anti-Reflective (AR) Glass for Lighting, designed to provide maximum performance and flexibility for lighting applications and offer a single solution to increase light transmission, reduce reflection and increase the efficiency and efficacy of lighting fixtures.

Guardian's AR Glass for Lighting offers a durable, multi-layer, sputtered anti-reflective coating that is applied to Guardian's own high-quality glass. It is heat treatable, economical and highly effective at reducing reflectance. It also maximizes transmission allowing lighting designers to achieve maximum performance and energy-efficiency with each luminary fixture without impacting the traditional benefits of environmental and mechanical durability seen with using glass lenses.

Guardian's AR Glass for Lighting can be used in a range of lighting applications, including sports lighting, area and flood lighting, roadway lighting, downlighting, industrial and architectural lighting, landscape lighting and residential lighting.

"Our AR Glass for Lighting provides the ultimate combination of performance, durability and fabrication flexibility to help maximize performance and reduce energy consumption," said Scott Thomsen, group vice president of North American Flat Glass at Guardian.

Features of the glass include:

- High transmission and low reflectance
- Increases fixture efficiency and efficacy
- Reduced lead time and inventory
- Neutral light transmission
- High color rendering index (CRI)
- Environmental and UV durability
- Easy retrofitting
- Available in fabricated parts
- Local supply chains and world-wide service
- Available in multiple glass types and thicknesses

Guardian AR Glass for Lighting is offered in both single-sided (SS) and double-sided (DS) configurations on a variety of glass formulation options including standard clear, EcoGuard low-iron, Pattern Glass, and SatinDeco (acid-etched) Glass.

It can be purchased as end fabricated parts in a variety of shapes and glass thicknesses. This allows the ultimate flexibility in lighting design using Guardian's AR coating as well as with sourcing product

For more information on Guardian AR Glass for Lighting and other glass products, visit www.guardian.com.

About Guardian Industries Corp.:

Guardian is a diversified global manufacturing company headquartered in Auburn Hills, Michigan, with leading positions in float glass, fabricated glass products, fiberglass insulation and other building materials for commercial, residential and automotive markets. Its automotive trim group, SRG Global Inc., is one of the world's largest suppliers of advanced, high value coatings on plastics. Through its Science & Technology Center, Guardian is at the forefront of innovation including development of high performance glass coatings and other advanced products. Guardian, its subsidiaries and affiliates employ 18,000 people and operate facilities throughout North America, Europe, South America, Asia, Africa and the Middle East.

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