

NEWS **Release**

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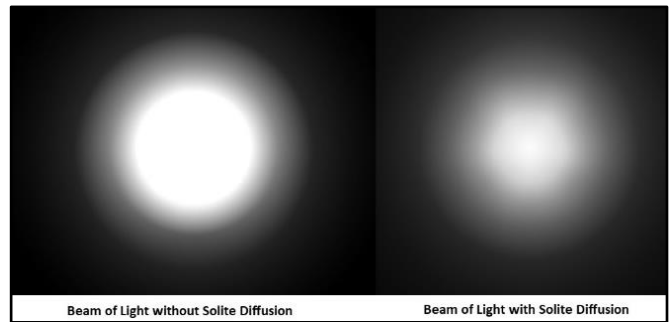


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Solite Ultra-Transparent Patterned Glass Provides Diffusion for a Host of Lighting and Solar Applications

May 17, 2023 – Santa Paula, CA – Abrisa Industrial Glass (AIG), a division of Abrisa Technologies, stocks a broad selection of Solite, an ultra-transparent, optically clear, low iron float glass with a distinctive symmetrical stippled/diamond pattern on one surface. Solite patterned glass provides uniform diffusion/softening while retaining high transmission values and minimal absorption.



Unlike plastics or other composite materials, Solite patterned glass does not yellow over time, thereby retaining its optical clarity and performance characteristics.

Solite patterned glass is ideal for LED downlights, spotlights, solar panels, and flood light applications where light beam management “spread” is required.

Acting as a filter or a uniformity lens, Solite delivers better light control for an even, softened, diffused beam spread without glare or flashpoints. Abrisa Technologies currently stocks Solite in thicknesses of 1/8” with sheets in both rounds and squares for custom fabrication requirements.

According to Susan Hirst, General Manager of AIG, “Solite can be fabricated into virtually any shape, and can be edged, drilled, sandblasted, screen printed, polished, UV or dichroic coated, as well as heat tempered to increase thermal shock resistance and mechanical strength to meet each customers’ application-specific criteria.”

From concept through production, Abrisa Technologies delivers standard and custom designed fabricated glass and optically coated optics from their extensive inventory or via special order for the best fitness-for-use performance.

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[Abrisa Technologies](#), a member of HEF Photonics, is a globally recognized technology glass fabrication and optical thin film coating company with expertise in high volume manufacturing and engineering capabilities, delivering Total Solutions that provide excellent performance, fitness-for-use, and economies of scale.

Our US based, state-of-the-art ISO 9001:2015 and ITAR registered facilities include Abrisa Industrial Glass in Santa Paula, CA, and ZC&R Coatings for Optics in Torrance, CA. These two divisions produce solutions from cut-to-order coated glass components to custom complex and ready-to-install fabricated, strengthened, optically coated, electronically enabled, and branded sub-assemblies.

Our Total Solutions serve a variety of markets including Micro-Electronics, Defense and Avionics, Display, Industrial Automation, Optical Sensors, Imaging, Photonics, Medical & Dental, Life Science, and more.