

FUTURE MOBILITY INSPIRED GLAZING



Two Standout Technologies

Gauzy offers OEM's and Tier One Suppliers next generation light control capabilities with high performance automotive grade smart glass technologies including SPD (suspended particle device) and LC (liquid crystal) based interlayers.

Using chemistry to drive occupants experience in both aesthetics and functionality, LCG[®] with or without invisible segmentation, allows interior and exterior vehicle glazing to transition from precise levels of opaque to transparent on demand, controlling IR, UV, and visible light for a comfortable, safe, and connected experience.

LC



- Automotive grade optimized for operation in -20° - +90°C.
- With or without solar (IR) blocking features for significant thermal control that can reduce fuel consumption
- Creates cooler yet bright interiors for ambiance and comfort
- Available in Solar, White, and Grey
- Ideal for HD rear projection

SPD



- Blocks up to 99% of visible light with dimming and switching in milliseconds
- Achieve complete shade while maintaining a view
- Block glare to reduce eye strain for safer driving conditions
- Protect interiors from discoloration associated with prolonged sun exposure
- Ideal for interior projection when paired with LC

Technical specifications available upon request

Gauzy's LCG® nanotechnology supports the ever-growing demand for cutting edge automotive glazing innovations that embody agility, comfort, functionality, safety, design, and connected communication.

Sunroofs

Thin glazed high curvature panoramic sunroofs with segmented or unsegmented PDLC or SPD supports sharp and efficient designs while providing dynamic shading, glare reduction, natural ambiance, extended visual access, and solar control for thermal comfort and reduced energy consumption.



Side Windows & Backlites

LCG® utilized behind pillar-B supports light control, exterior privacy, or can be paired with high lumen projectors creating time and location based HD transparent displays for advertising, car sharing, and connected mobility messaging including on road warnings.

Windshields

Replace traditional shades with invisible laser etched sun visors directly in films. Create increased visual comfort for the driver and front passenger, by blocking glare and up to 99% of visible light to mitigate disturbances in vision. SPD based transparent OLEDs or SPD and PDLC dual glazed zones can support future head up displays.



Dealerships & Headquarters

Upgrade dealership showrooms to elevate the presentation of vehicles. Extend the function of glass in offices, meeting rooms and facades, offering instant privacy or an open atmosphere

Interior Partitions

Interior partitions in luxury, private or commercial vehicles enhance privacy and create a dynamic passenger experience with a choice of opacity, transparency or customized projected imagery