

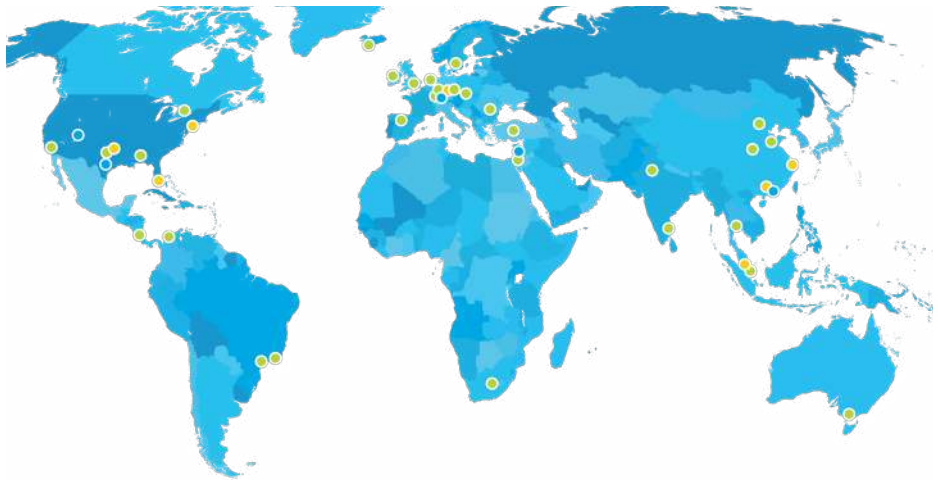
GO2LY

COMPANY OVERVIEW

Applied Material Science

Gauzy is a world leading vendor of material science and nanotechnology, focused on the research, development, manufacturing, and marketing of LCG® (Light Control Glass) technologies that are applied to transparent raw materials.

We are big enough to deliver and small enough to care.



● Offices ● Partners ● Sales Representatives

Gauzy's global distribution network of over 50 certified partners provides LCG® to customers in over 40 countries. Our SPD and Liquid Crystal technologies provide light control solutions in diverse industries.

Defined By Innovation



Gauzy, the true pioneer of nanotechnology for light control, is the only material science company in the world developing, manufacturing, and marketing two of the three active light control technologies: SPD and Liquid Crystal.

Our technology bridges the gap between science and our everyday lives as we pair our chemistry with static transparent materials. Every window, from cars to buildings, is redefined by Gauzy.

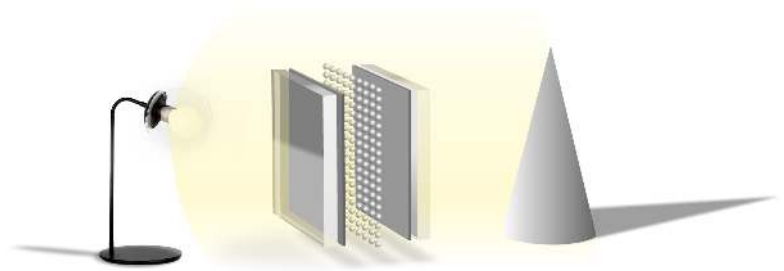
We are: The innovators. The creators. The thinkers. The scientists. The people touching your lives and making you experience your life differently: through light.

Technology

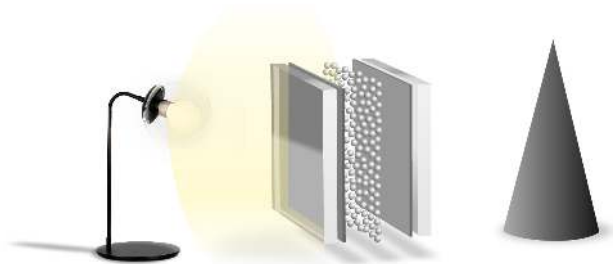
LCG[®] (light control glass) technology developed by Gauzy allows glass to change from transparent to varying degrees of opaque on demand for privacy, custom shading, solar control, and transparent displays in the spaces where you spend your time most.

Gauzy synthesizes and combines materials from the molecular level, creating LC formulas, SPD emulsions, and mechanical HW, for fully optimized and continuously improved end.

On



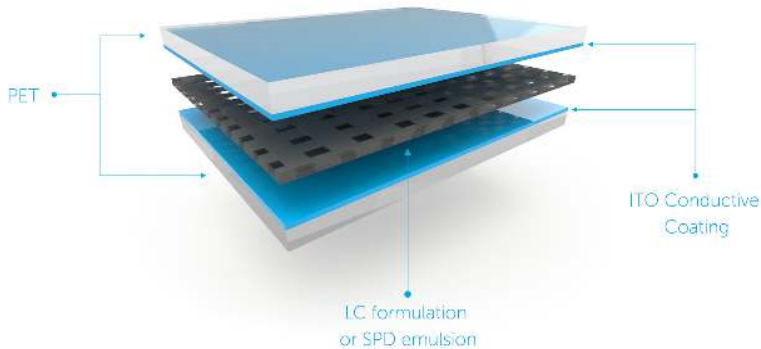
Off



+ When on, LC or SPD molecules align and allow light to pass through. When off, molecules are scattered, blocking light and creating opacity for privacy, shading, solar control, or transparent displays.

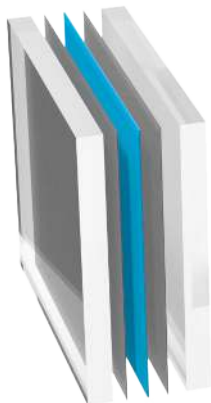
Application

Gauzy's LCG[®] technology consists of specially combined SPD emulsions or Liquid Crystal formulations that are coated between two sheets of PET-ITO, and then UV cured, creating a single film.



These carefully curated films are then laminated into or retrofitted onto glass or other transparent materials (like polycarbonate) by our global partners, making LCG[®] (light control glass).

Laminated



RetroFit



Production

Custom roll-to-roll manufacturing lines for LC and SPD are located in both Israel and Germany. Combining principles of Israeli innovation and German precision, Gauzy is committed to producing and delivering the next generation of light control films, controllers, and quality verification tools.



Our production process employs advanced techniques superseding existing commercial methods resulting in:

- Faster and fuller product curing
- Efficient product scale-up
- Higher capacity and yield
- Max. roll width of 1.8m
- Wide range of product offerings on one line

Our Science, Your Space



Automotive

Ride in comfort with shaded and temperature controlled interiors



Offices

Dynamic glass partitions for agile spaces and office layout



Hotels

Optimize space with a high-tech design that guests will talk about



Retail

Storefront polite advertising without blocking merchandise



Residential

Make homes even smarter with LCG® windows and appliances



Healthcare

Preserve private moments in a sterile environment

Liquid Crystal Films

Gauzy offers a diverse portfolio of indoor and outdoor LC based films, available in both RetroFit and Laminated applications, with a maximum width of 1.8m. These films allow glass or polycarbonate to switch from transparent to varying levels of opaque, on demand.

Our products are defined by ultra high clarity, low energy consumption, high light transmittance, and fast switching times, supporting premium performance. All products can be dimmed with Gauzy's patented controllers.



White	Allowing privacy when you need it, and an open atmosphere when you want it with natural white LCG®
Dark	LCG® Solutions for all industries and applications, including automotive and aeronautics
Patterns	Laser patterning with non-visible lines supports blinds or custom designs for upgraded partitions
Spectrum	Assorted colors with custom shades and hues for creative interior design projects
Vizio Projection	Allow HD displays with 180 degrees viewing for 100% utilization of windows
High Temperature	Outdoor grade LCG maintains full optical and mechanical performance from -30°C to +90°C
Bi-Stable	LCG® that only requires power to switch between on/off states for ultra-low energy consumption
Solar Control	Reflects 86% of IR light, reducing temperatures by up to 15°C, making buildings more green
Dynamic Signage	Dynamic signage allows privacy and transparency while incorporating words, patterns, and logos

Gauzy SPD

Gauzy SPD blocks 99% of light for dynamic solar and energy control in automotive and architectural applications, allowing windows to be dimmed and shaded without blocking views to the outside.

We are one of only two companies in the world with the ability to manufacture this technology, and the only company offering multiple grades with custom sizes and shapes.

Gauzy is a strategic investor and major shareholder in Research Frontiers (NASDAQ: REFR) the inventors of SPD smart films.



Automotive

Shade and block glare with SPD sunroofs, sun visors, and windows while saving material costs, space, and protecting interiors



Planes & Trains

Allow passengers to choose how they experience natural light, while still being able to enjoy outside scenery and natural views



Marine

Enjoy ocean and sky views without strong light reflection, glare, and heat with smart glass in cabin, bridge, and deck windows



Skylight & Facades

Replace complex shading systems allow for natural light, views, and sleek designs while being environmentally conscious

Controllers

Gauzy's patented LC and SPD LCG[®] controllers employ unique squarewaves, ensuring the highest quality optical and mechanical performance for our films.



The Flex Controller is offered with on/off or dimming features. It supports WIFI/DMX/RS-485 and drives up to 10m² with a small footprint, while using minimal energy for high ROI.



The MultiPlex Controller can be customized to include up to 32 outputs, allowing independent control over multiple glass panels or LCG[®] segments (Pixel Patterned film).



The Mini Controller is ideal for smaller LCG[®] installations of up to 4m² and has on/off or fading configurations.

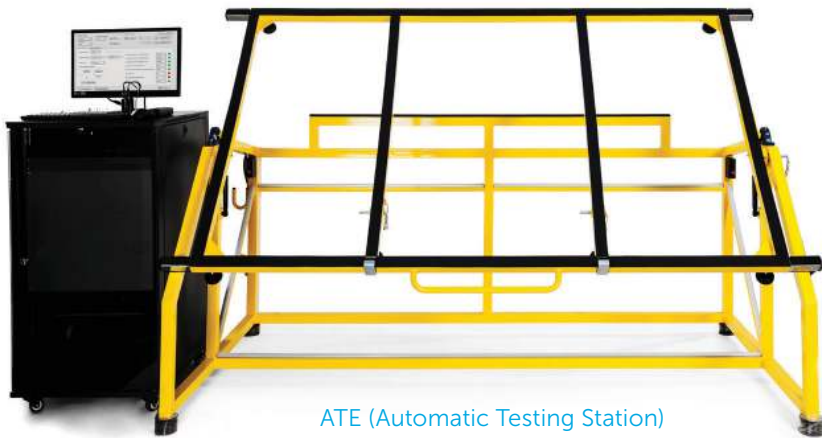


The Flex, MultiPlex, and Mini Controllers are all available for Gauzy's SPD technology, ensuring a custom shading experience.



Professional Tools

Gauzy's partners receive a suite of professional tools that support onsite and in-field quality verification, ensuring all properties of LCG® are performing before, during, and after lamination and installation. We also offer sales and marketing support with special tools that demonstrate our products unique capabilities.



ATE (Automatic Testing Station)



Sample Kit



Marketing Tools



Installation Kit

Gauzy IP Strategy

Patent/Utility Model Applications

Description	Submitted In	Type	Current Status
Dimmer and Switch Suitable for Driving a Capacitive or Complex Capacitive-Resistive Load Such As Liquid Crystal Film	US	FP	Granted
	EU	FP	National Phase Under examination
	Brazil	FP	National Phase Under examination
	China	FP	Granted
	India	FP	National Phase waiting examination
	Israel	FP	National Phase Under examination
Means and methods for superimposing at least one first projected image over at least one second real image	Germany	UM	Granted
	Japan	UM	Granted
	Israel	FP	In progress waiting examination
Device for producing and testing electrical switchable glasses and method of doing the same	US	FP	Granted
	EU	FP	National Phase
	China	FP	Granted
Dynamic signage, glazed and patterned PDLC devices and methods for creating thereof	US	FP	National Phase
Metal organic liquid crystals dyes	US	FP	National Phase
	EU	FP	National Phase
	China	FP	National Phase
Bi-stable liquid crystal film comprising metalorganic mesogens and application thereof	US	FP	National Phase
	EU	FP	Granted
	China	FP	National Phase
Electrically switchable solar controlled absorbing reflecting film	US	FP	National Phase
	EU	FP	National Phase
	China	FP	National Phase

FP – Full Patent | UM – Utility Model | TM - Trademark

Description	Submitted In	Type	Current Status
Advanced polymer dispersed liquid crystal (PDLC) for display projection screens	US	FP	National Phase
	EU	FP	National Phase
	China	FP	National Phase
Multiple and single layers liquid crystal dispersion devices for common and direct glazing applications and methods thereof	US	FP	National Phase
	EU	FP	National Phase
	China	FP	National Phase
Advanced Liquid Crystal film for anti-motion sickness and methods thereof	US	FP	National Phase
	EU	FP	National Phase
Methods of manufacture of inorganic black dyes and uses thereof	US	FP	PCT
Suspended particle devices with improved adhesion between the active and conducting layers	US	FP	Provisional

Trade Marks

Description	Submitted In	Type	Current Status
LCG®	Israel	TM	Granted
	US	TM	Granted
	Europe	TM	Granted

FP – Full Patent | UM – Utility Model | TM - Trademark

Executive Management



Eyal Peso
Co-founder and CEO



Adrian Lofer
Co-founder and CTO



Meir Peleg
CPA, CFO



Dan Schechter
VP of Sales



Lee Cohen
VP Administration



Dana Gal Fuss
VP R&D



Brittany Kleiman Swisa
VP Marketing



Hadas Talmi Mahler
HR Director

B2B – Our Go2Market

Gauzy offers Glass Processors, Fabricators, and Installers the unique opportunity to be a Certified Gauzy Partner. Global partners are carefully selected, undergo extensive on-site training, and receive the tools necessary to guarantee the LCG® verification and installation process. Working with Gauzy enables partners to expand their portfolio with our Laminated and RetroFit solutions, while increasing their share in the market to stand out from competition.



Become a Gauzy Certified Partner



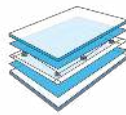
Certification Program



LCG® Film Delivery



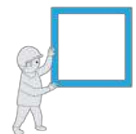
Quality Testing



Film Lamination



Post Lamination Testing



Open New Markets

Embedded Material Science

Gauzy's LCG[®] Technology can be seen worldwide. Check out some highlighted projects from our constantly growing portfolio.





Worldwide Addressable Market

The following figures represent the worldwide market potential of different sectors Gauzy is focused on.

Flat Glass Market 2017 ¹	11,340,028,418m ²
Glass Partition Market ²	\$1.7B
Smart Glass & Windows Demand ³	\$3.89B
Projection Screen Market ⁴	\$66B
Automotive Smart Glass Market ⁵	\$1.28M
Architectural Smart Glass Market ⁶	\$3.25M

¹ Considering 7% annual market growth, global flat glass industry research by NSG (Pilkington) 2010.

² Global Glass PArTition Market Report (2016). Gen Consulting Company.

³ Expected to reach this number by 2017.

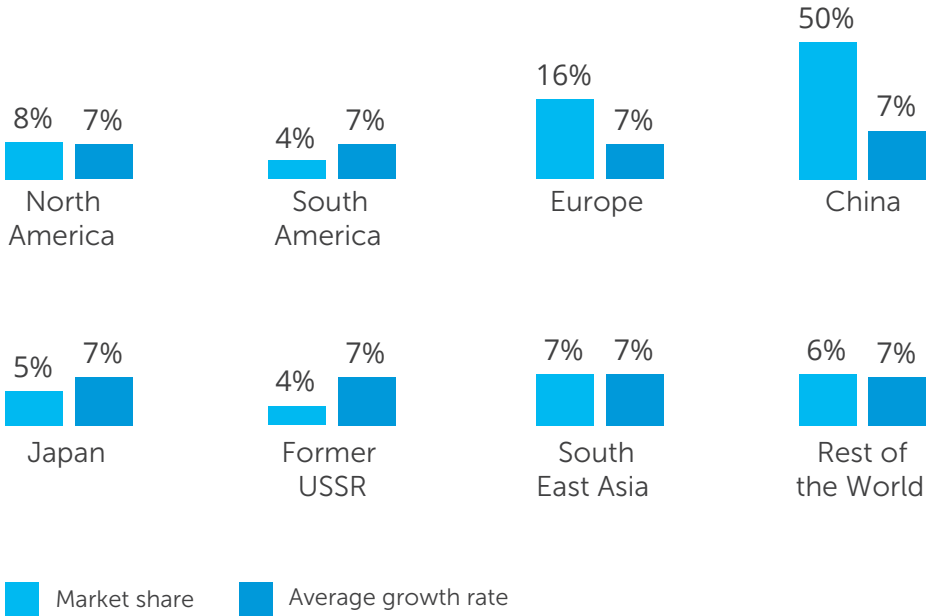
<https://www.newswire.com/news/global-smart-glass-and-smart-windows-market-2016-industry-research-statistics>

⁴ <http://www.marketsandmarkets.com/Market-Reports/smart-glass-market-907.html>

⁵ By 2022 as predicted by Frost and Sullivan. Report available upon request

⁶ By 2022 as predicted by Frost and Sullivan. Report available upon request

The Glass Industry is shared by region and sector as follows:



Construction and Architecture

81.8%



Automotive Industry

5.9%



Other

12.3%



Stay in Touch

Gauzy Offices WW

Gauzy HQ

14 Hathiya Street, Unit 203
Tel Aviv - Yafo, Israel 6816914
☎ +972-72-250-0385

Gauzy USA

840 F Avenue #104
Plano, TX 75074
☎ +1 214 501 2469

Gauzy Germany

58 Rosenfelder Str. 72189
Vöhringen, Germany
☎ +49-69-254 26 299

Gauzy China

233 Science Avenue
Guangzhou development district
Guangzhou, China
☎ +86 13826293685

E-mail: sales@gauzy.com

Website: www.gauzy.com