



SageGlass Harmony[®]

Smart Windows



A Seamless Outdoor Connection with Smart Windows

Most spaces fail to deliver adequate daylight and views, even when they have a lot of glass. Traditional buildings use manual blinds, which are typically down for 50% to 70% of the workday¹. SageGlass smart windows, which tint and clear automatically to control glare and heat, provide an enhanced occupant experience, delivering the ultimate connection to the outside world.



Why Smart Windows Are Better

Data shows that workplaces with smart windows offer significant health and productivity benefits² compared to “traditional” spaces with roller shades. Workspaces with smart windows can offer:



-51%
Decrease in
Eye Strain



-77%
Decrease in Reports
of Feeling Depressed



+37 min
Increase in
Sleep per Night



+42%
Increase in Cognitive
Function Test Scores

¹ www.sageglass.com/industry-insights/benefits-daylight-and-views-offices-schools-and-healthcare

² 2017 Study “Effects of Electrochromic Glass on Computer Vision Syndrome” by Cornell University Professors Alan Hedge & Danny Nou

The Ultimate Smart Window Solution

Earlier generations of Smart Windows could only tint the full pane uniformly, compromising daylight and color rendering for glare control. SageGlass Harmony[®] is the first and only smart window to eliminate that tradeoff. With gradient tinting, Harmony delivers precision glare control while maximizing daylight and preserving color rendering for a more natural aesthetic occupants appreciate.



"Since the installation of SageGlass, business at my restaurant has considerably increased. The view is breathtaking, and our clients can now enjoy it all through the year."

Peter Roodbeen
Hostellerie am Schwarzsee



The Harmony Advantage

While all smart windows keep occupants cool and comfortable without obstructing views or compromising design, only SageGlass Harmony® can deliver:

- Gradual, gradient tinting provides targeted glare control where you need it
- Improved intense glare management, up to 30% better than traditional electrochromic glazing
- Maximized daylight with improved interior color rendering and circadian lighting
- Capable of both uniform and gradient tinting

Gradient Tinting in Action

In studies performed at the Saint-Gobain North American headquarters, research proves that:

- In extreme conditions, SageGlass Harmony managed intense glare 30% better than traditional electrochromic solutions.
- SageGlass Harmony outperformed traditional, electrochromic glazing in meeting or exceeding recommended levels of circadian stimulus (CS).

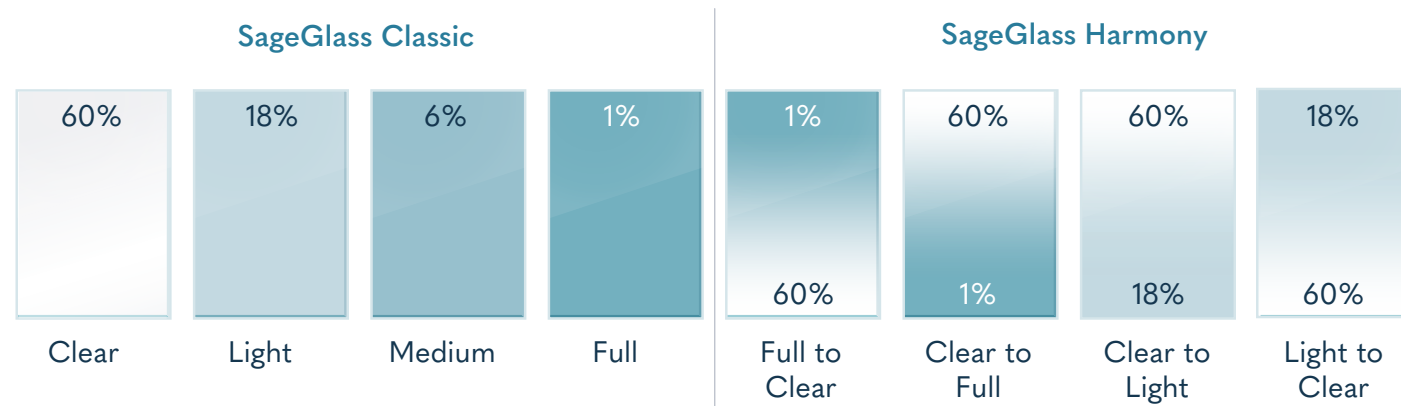
“Across all parameters and outcomes investigated, there was a positive and significantly better performance of the gradient-tinted electrochromic glazed façade. There were sizeable improvements in visual comfort, thermal comfort, and circadian light entrainment over all other glazing technologies tested.”

Ihab Elzeyadi, Ph.D., FEIA, LEED AP
Professor of Architecture
Director-at-Large, Architectural Research Centers Consortium
Director, High-Performance Environments Lab (HiPE)
University of Oregon



Versatile Tint States

The most versatile dynamic glazing solution available, SageGlass Harmony® offers eight unique tint states, including four natural gradient tint states as well as four standard, uniform tint states. The SageGlass intelligent algorithm chooses between these tint states based on weather conditions at a given moment in time.



Flexible Design Solutions

The SageGlass product portfolio provides architects and building owners solutions to meet the specific demands of their spaces. For applications that call for traditional, uniform tinting in certain areas, SageGlass Harmony integrates seamlessly with SageGlass Classic.

Application	Classic	Harmony
Punched Openings	✓	✓
Ribbon Windows	✓	✓
Floor-to-Ceiling	✓	✓
Structural Glazing	✓	✓
Shapes	✓	
Skylights	✓	
Landscape Orientation	✓	



SageGlass Harmony is ideal for applications that require targeted glare control.



SageGlass Classic is ideal for landscape orientation.



Why SageGlass

Owned by Saint-Gobain, the leader in light and sustainable construction, SageGlass is the only dynamic glass manufacturer with over 350 years of building science and glass experience.

We aspire to help create low-carbon buildings that enhance occupant wellness by delivering the world's best smart windows. Smart window technology is constantly evolving and our research and development team is consistently innovating to deliver best-in-class solutions.



"Natural light will really help employees enjoy the facilities. Harmony is designed to not need window coverings, as it adjusts for glare and brightness as necessary, and also as it lets in the natural light as much as possible."

Stacy Marean
Sammons Financial Group



See SageGlass Harmony® in Action

Projects worldwide have selected SageGlass Harmony smart windows to provide occupants the ultimate connection to the outdoors.



Google Bagmane Rio
Bengaluru, India



IQHQ Research & Development
San Diego, USA



Geneva Marriott Hotel
Geneva, Switzerland



Keystone Properties 1K1
Conshohocken, USA



Sammons Financial Group Bengaluru,
Des Moines, USA



40Ten Canton
Baltimore, USA



Carson Group Headquarters
Omaha, USA



Raiffeisenbank
Wallisellen, Switzerland



Millennium
Crissier, Switzerland



Learn more at [SageGlass.com](https://www.SageGlass.com)

2 Sage Way • Faribault, MN 55021 • USA • +1 877.724.3321

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