

About Lutron

Lutron solutions do more than just control the light in a space. With the right design strategies, they can save substantial amounts of energy, reduce operating costs, and improve productivity.

From dimmers for the home to lighting management systems for entire buildings, Lutron offers more than 17,000 energy-saving products. In the U.S. alone, Lutron products save an estimated 10 billion kWh of electricity, or approximately \$1 billion in utility costs per year*.

www.lutron.com

About SageGlass

SageGlass®, a product of Saint-Gobain, is advanced dynamic glass that can be electronically tinted or cleared to optimize daylight and improve the human experience in buildings. SageGlass enables you to control sunlight and glare without blinds or shades, maintaining your view and connection to the outdoors and significantly reducing energy consumption.

www.sageglass.com

*www.lutron.com/references

www.lutron.com

World Headquarters 1.610.282.3800
Technical Support Center 1.800.523.9466
Customer Service/Quotes 1.888.LUTRON1

© 06/2014 Lutron Electronics Co., Inc. | P/N 368-3616 REV A



Integrated Façades

From Lutron and SageGlass

What is an Integrated Façade?

Integrated façades combine dimmable light fixtures, lighting controls, and dynamic fenestration to maximize the use of daylight and reduce dependence on electric light. Together, Lutron Total Light Management™ controls and SageGlass® dynamic glass create an intelligent control solution for a single room, entire building, or even a complete corporate campus.

- Save energy by automatically reducing electric light levels in response to daylight
- Integrate occupancy sensors, and daylight, timeclock control, and demand response strategies
- Unified aesthetic with integrated control devices
- Maximize visual and thermal comfort

Our performance promise

Lutron and SageGlass work together to deliver a worry-free service, and to provide clients with an integrated solution. We manage system commissioning to ensure seamless integration, optimize the system's energy performance, and maximize occupant comfort.

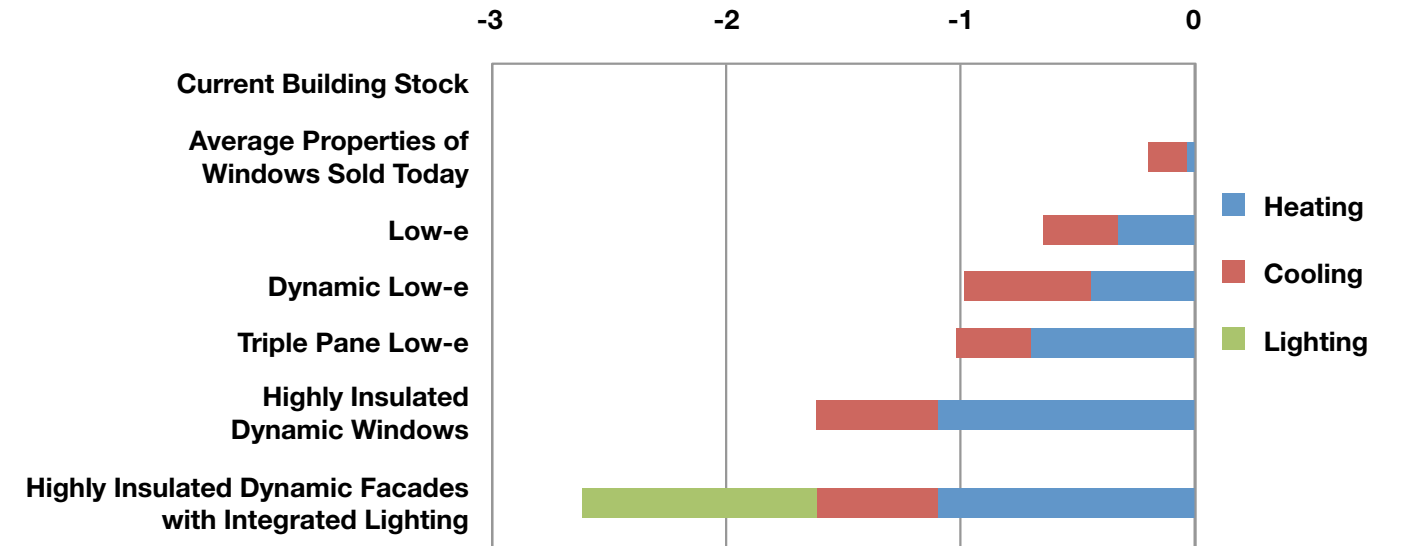
- Design support and sequence of operations assurance
- Integrated control algorithms deliver desired performance
- Guaranteed system integration
- HVAC integration ensures a comfortable, consistent temperature
- Time-tested collaboration – for 8 years Lutron and SageGlass have worked together to refine integrated façade technology



The Department of Energy estimates that if all windows in U.S. commercial buildings were replaced with integrated facades, **2.6 quadrillion BTUs of energy would be saved.**

Controlling glare, solar heat gain and electric light levels for greatest energy efficiency

Annual Energy Usage Compared to Current Stock, in Quads



Source: Arasteh et al. 2006. Zero Energy Buildings. Lawrence Berkeley National Laboratory. Report #60049.

SageGlass® façades offer low U-factor, dynamic solar control. Lutron Total Light Management™ control offers dimmable lighting and sensor integration.

