

new | GRAFIK Eye® QS
Customizable preset light and shade control system



Introducing the new GRAFIK Eye® QS

With the new GRAFIK Eye QS preset lighting control system, adjust your lights and shades for any task or activity in any room – commercial, institutional, or residential. Recall these settings with the touch of a button. The new GRAFIK Eye QS provides convenient control and enhancement of the visual environment.



GRAFIK Eye QS improves architectural lighting control

Simple to operate

Large, engravable, backlit buttons and an information display with multiple language options.

Easy to design and integrate

Connects directly to shades, occupancy sensors, and power modules that can handle magnetic and electronic low-voltage transformers interchangeably. Also connects to A/V devices and building management control systems.

Saves energy and complies with codes

Energy savings indicator, built-in astronomical and programmable time clock, direct connection to occupancy sensor for manual on/automatic off, and the ability to dim lights to specific preset levels address ASHRAE, IECC, and Title 24 energy codes.

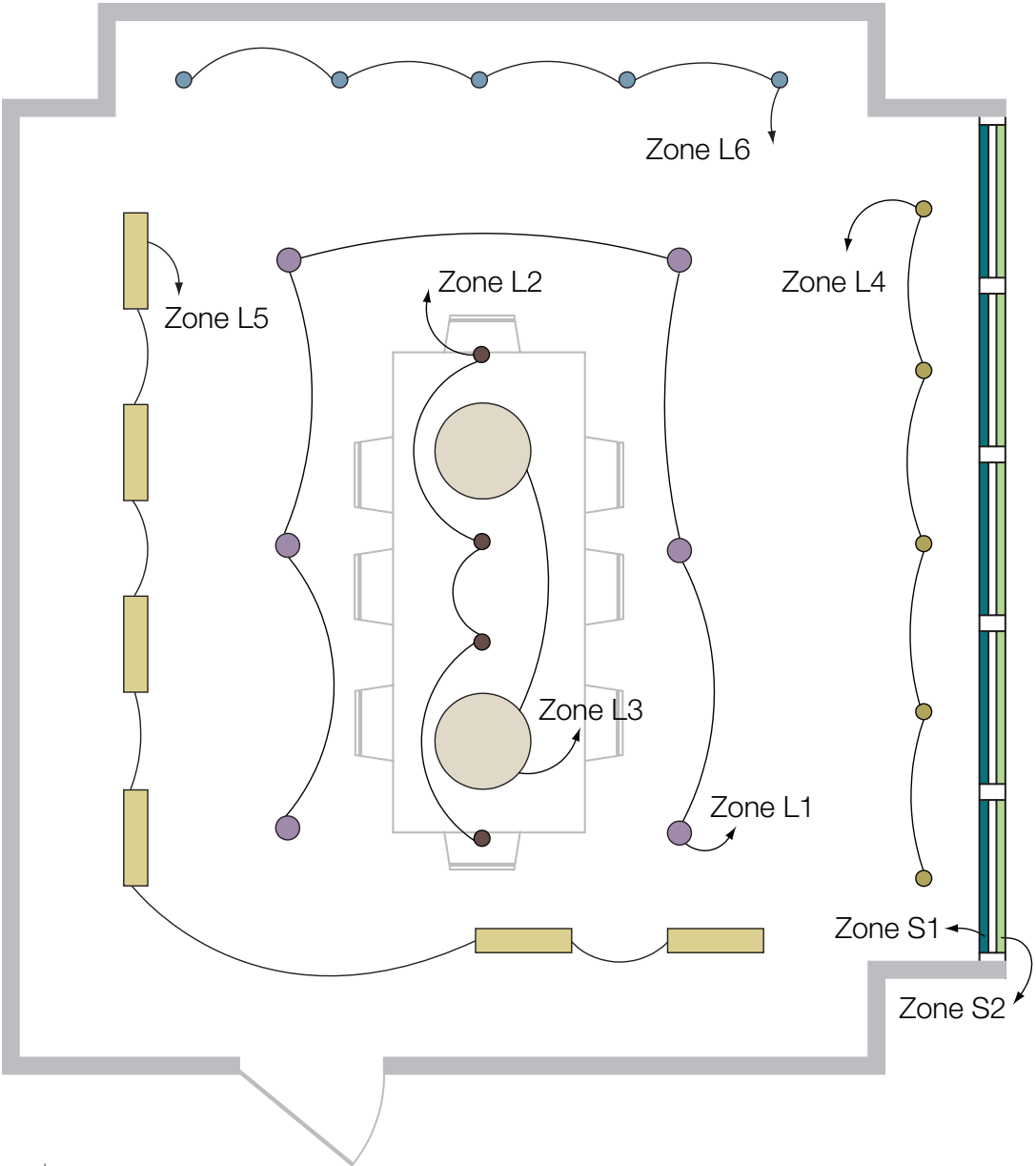
More architectural options

Selectable number of shade zones (0, 1, 2, or 3) and 39 color and finish options.



Product shown at actual size in white with an anodized aluminum stripe.

the basics of preset lighting: **zones**



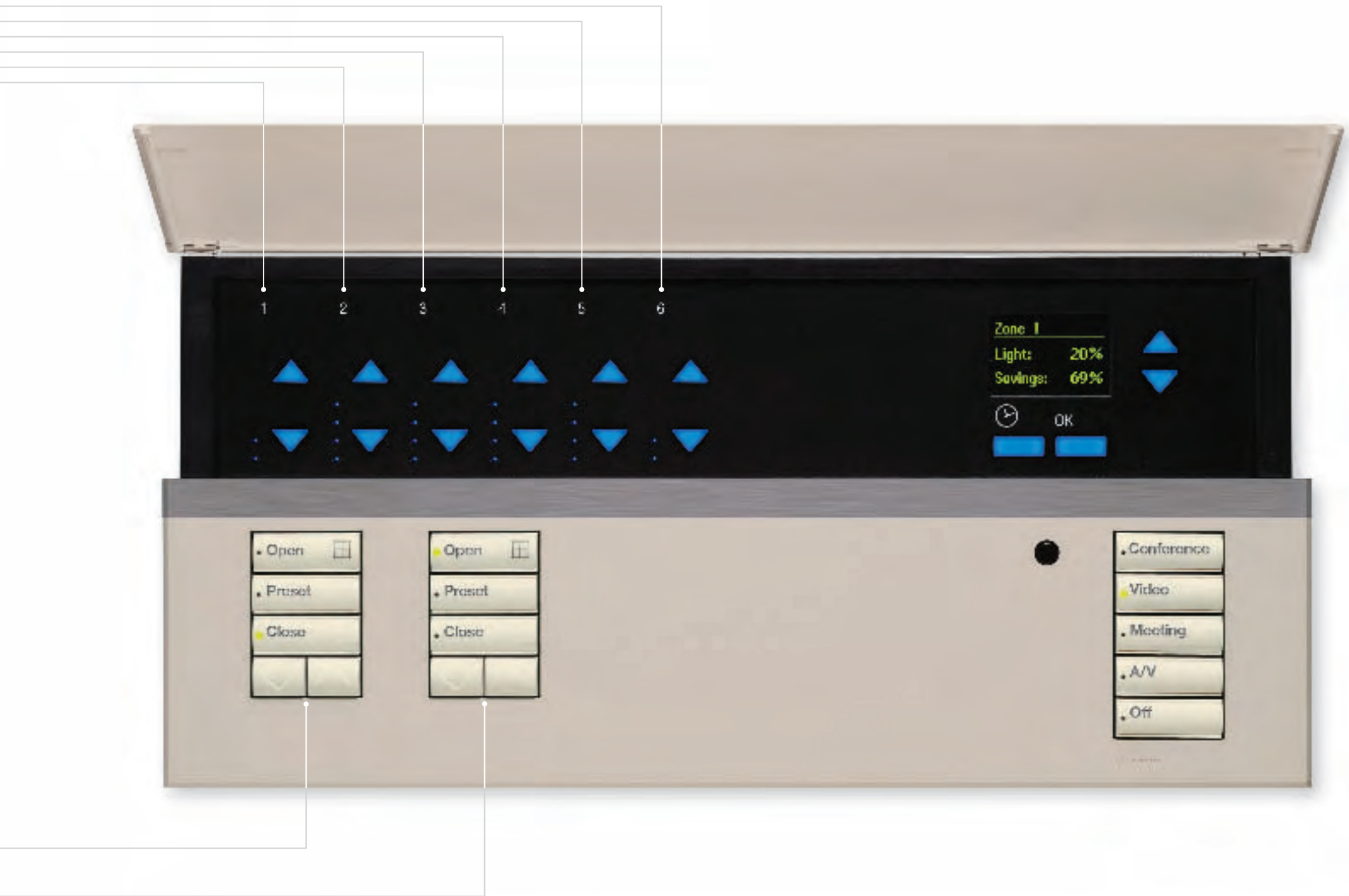
Lighting zones

- Zone L6: Display Area
- Zone L5: Wall Wash
- Zone L4: Window
- Zone L3: Pendants
- Zone L2: Table Downlights
- Zone L1: Downlights

A **zone** is a single light, shade, or any grouping of lights or shades traditionally controlled by one switch or dimmer. With GRAFIK Eye® QS, design each scene by adjusting the light and shades in a series of zones.

Shade zones

- Zone S1: Blackout shades
- Zone S2: Sheer shades



Product shown at actual size in taupe with a satin nickel stripe.

preset scenes: **commercial**

Make conference rooms more flexible. Control the lighting and shades for activities such as roundtable discussions, single-speaker presentations, video presentations, and even cleanup. Save energy by using occupancy sensors to turn off the lights when the room is not in use.



Scene 1: conference

Open shades allow natural daylight in, brightening the room to energize the staff in a morning meeting. Electrical lights are dimmed substantially to conserve energy without sacrificing an evenly illuminated working space.



Scene 2: video training

General light levels are set low to prevent glare on the flat screen while still providing enough light on the table for note-taking. The blackout shades are closed to eliminate unwanted daylight.

	downlights	table	pendants	window	wall wash	display area	blackout	sheer
Scene 1: conference	40%	20%	0%	0%	75%	10%	open 100%	open 100%
Scene 2: video training	20%	50%	50%	50%	50%	20%	closed 100%	open 100%
Scene 3: general meeting	75%	50%	75%	20%	75%	30%	open 100%	closed 100%
Scene 4: A/V presentation	50%	30%	0%	30%	20%	10%	open 100%	closed 50%



Scene 3: general meeting (afternoon)

The lights put the focus on the conference table for an afternoon meeting. The sheer shades are lowered to reduce direct daylight in this west-facing conference room.



Scene 4: A/V presentation (evening)

The room is darkened for an A/V presentation without sacrificing task lighting on the table. A glow on the window countertop and the partially open shades provide an additional layer to the lighting to maintain visual interest.

preset scenes: **residential**

Choose the perfect lighting levels for different activities and occasions throughout the house. Transform the living room for family gatherings, reading, watching a movie, or entertaining. For added security, use the time clock to create a “lived-in” look when you are away from home.



Scene 1: general activities

All of the lights are on, close to full, for activities such as games or cleaning. The shades are open to take advantage of natural daylight.



Scene 2: movie time

Lights are dimmed for optimal viewing of the movie. Blackout shades are closed to eliminate unwanted daylight.

	downlights	table	accent	blackout	sheer
Scene 1: general activities	80%	90%	100%	open 100%	open 100%
Scene 2: movie time	0%	30%	10%	closed 100%	open 100%
Scene 3: TV viewing	60%	70%	50%	open 100%	closed 30%
Scene 4: reading/music	30%	65%	10%	open 100%	closed 100%



Scene 3: TV viewing

The TV viewing scene is more casual than the movie setting so the lights are brighter. The sheer shades are closed partially to reduce glare on the TV screen.



Scene 4: reading/music

This is a more relaxed setting but allows for task lighting to be bright enough for reading. The sheer shades are closed to provide a natural daylight glow.

features



Control your shades
Backlit labeled shade control buttons.
(changeable in the field)

Control your lights
Backlit labeled buttons for selecting scenes, with or without shades.
(changeable in the field)

Backlit zone buttons
Raise or lower each group of lights. LEDs indicate the current light level for each zone.

Color options (see pages 22–23)
Available in 39 colors for endless combinations that will accent any décor.

- Connections to:**
- Infrared receiver
 - Personal computer
 - Occupancy sensor (no power supply needed)
 - A/V and building management systems via RS232/ethernet interface
 - Accessory wallstations
 - Additional GRAFIK Eye® QS control units

Infrared remote control
Provide hand-held control with an infrared remote.

Time clock
Provides scheduling to meet energy code requirements.
(multiple language options)

Information display
Easily read energy savings, lighting levels, and time clock information.
(multiple language options)

additional components

The GRAFIK Eye® QS system offers a number of components to complement the main preset control unit and complete the lighting control design.



seeTouch® QS wallstations

- 14 models available with 1 to 7 scene preset, zone, partition, or shade control buttons
- Available with or without raise/lower buttons and an IR sensor
- Control shades, lights, or a combination of both
- Each wallstation includes two built-in contact closures



Sivoia® QS shades

- Smooth, quiet movement with programmable stopping points
- Precise alignment of shades to within .125 inches
- Simple, low-voltage installation



Occupancy sensors

- Self-adaptive technology updates time and sensitivity settings to ensure that the sensors have the greatest accuracy
- Direct connection to GRAFIK Eye QS



Sivoia QS power supply panels

- Provide power and communication wiring to QS devices
- Manual override buttons
- Built-in link diagnostics



Power modules

- Three versions available: fluorescent, non-dim, and adaptive
- Adaptive technology controls either magnetic or electronic transformers for low-voltage lighting
- Modules available for dual voltage (120V and 277V)

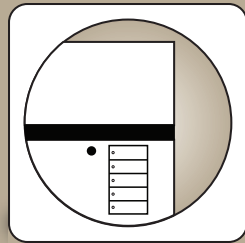


RS232/ethernet interfaces

- Allow for seamless integration of lights and shades with A/V and building management systems

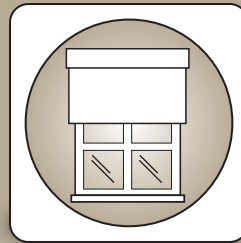
Various control strategies can provide the functionality and energy conservation needed for each space. While preset scene control is inherent in all GRAFIK Eye® QS solutions, these additional strategies can be utilized independently or together.

control strategies



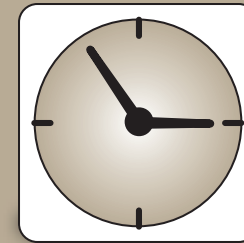
preset scene control

Lighting presets easily recall different scenes for different purposes.



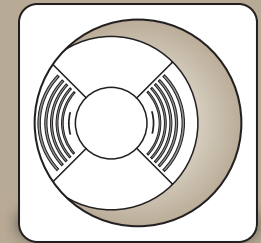
natural light control

Integrate electronic window treatments with lighting controls.



time scheduling

Turn lights on and off automatically based on a user-defined schedule.

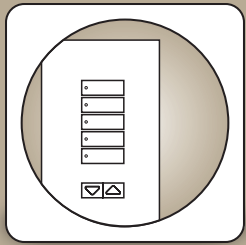


occupancy response

Turn lights on and off automatically based on room occupancy.

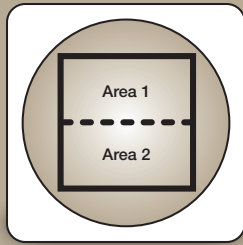
details

- Preset scenes provide a convenient way to recall lighting (compared to making adjustments on multiple dimmers)
- Four preset scenes are available on the main preset control unit while 16 presets are available via additional wallstations
- Preset scene control meets the mandated “Multi-Level Lighting Control” requirement in the California Title 24 and IECC energy codes/standards
- Daylight is a source of light and needs to be controlled to provide the right light level for the activity and time of day
- Shades can be integrated with room presets or operated independently
- Shades are available in both sheer and blackout materials
- Time clock control provides automatic changes at specific times throughout the day
- Time clock control can be used to turn off lights after-hours in spaces that are typically controlled manually
- Time clock events can be scheduled in real time or relative to sunrise and sunset
- Time clock control meets the mandated “Automatic Shut-Off” requirement in the ASHRAE 90.1, California Title 24, and IECC energy codes/standards
- Occupancy sensors reduce energy consumption by automatically shutting off lights in unoccupied spaces
- Infrared, ultrasonic, and dual technology sensors are available
- Occupancy sensor control meets the mandated “Automatic Shut-Off” requirement in the ASHRAE 90.1, California Title 24, and IECC energy codes/standards



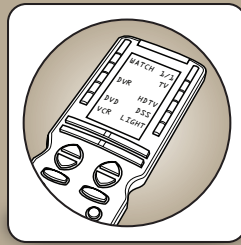
wallstations

Provide control points throughout a space.



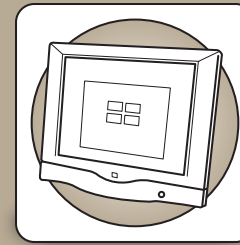
partitioning

Set lighting controls to adapt to changes in room configurations.



portable control

Provide hand-held lighting control with an infrared remote control.



A/V integration

Integrate lighting control with A/V and building management systems.

- Typical locations include room entrances, presentation points, at bedside, or by a desk
- Wallstations are available in a number of button configurations based on their function (on/off, preset, shade control, etc.)
- Wallstations meet the mandated “Space Control” requirement in the ASHRAE 90.1, California Title 24, and IECC energy codes/standards

- Partitioning allows the lighting control to track how the walls of a flexible space change
- Controls can be combined or separated manually as well as automatically via infrared partition sensors
- Spaces with up to 7 walls and 8 separate rooms can be accommodated easily

- Portable control can be a Lutron control or a “learnable” device such as a universal remote
- Lighting presets and individual shade zones are accessible via the device

- Provide access to the lighting presets and individual shade zones from an A/V system or building management system
- The connection between the lighting control system and the A/V or building management system can be accomplished via RS232, ethernet, wired infrared, or contact closures

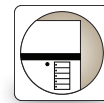


balance flexibility and functionality
with energy efficiency



Conference rooms require the flexibility to change the lighting based on the activity and time of day.

Conference room strategies



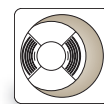
preset scene control

Typical preset scenes include conference, A/V, presentation, cleanup, and off.



natural light control

Use sheer shades and/or blackout shades depending upon how much A/V equipment is in the room.



occupancy response

Locate a ceiling sensor in the room to shut the lights off automatically. Set up the system so that the lights must be turned on manually.



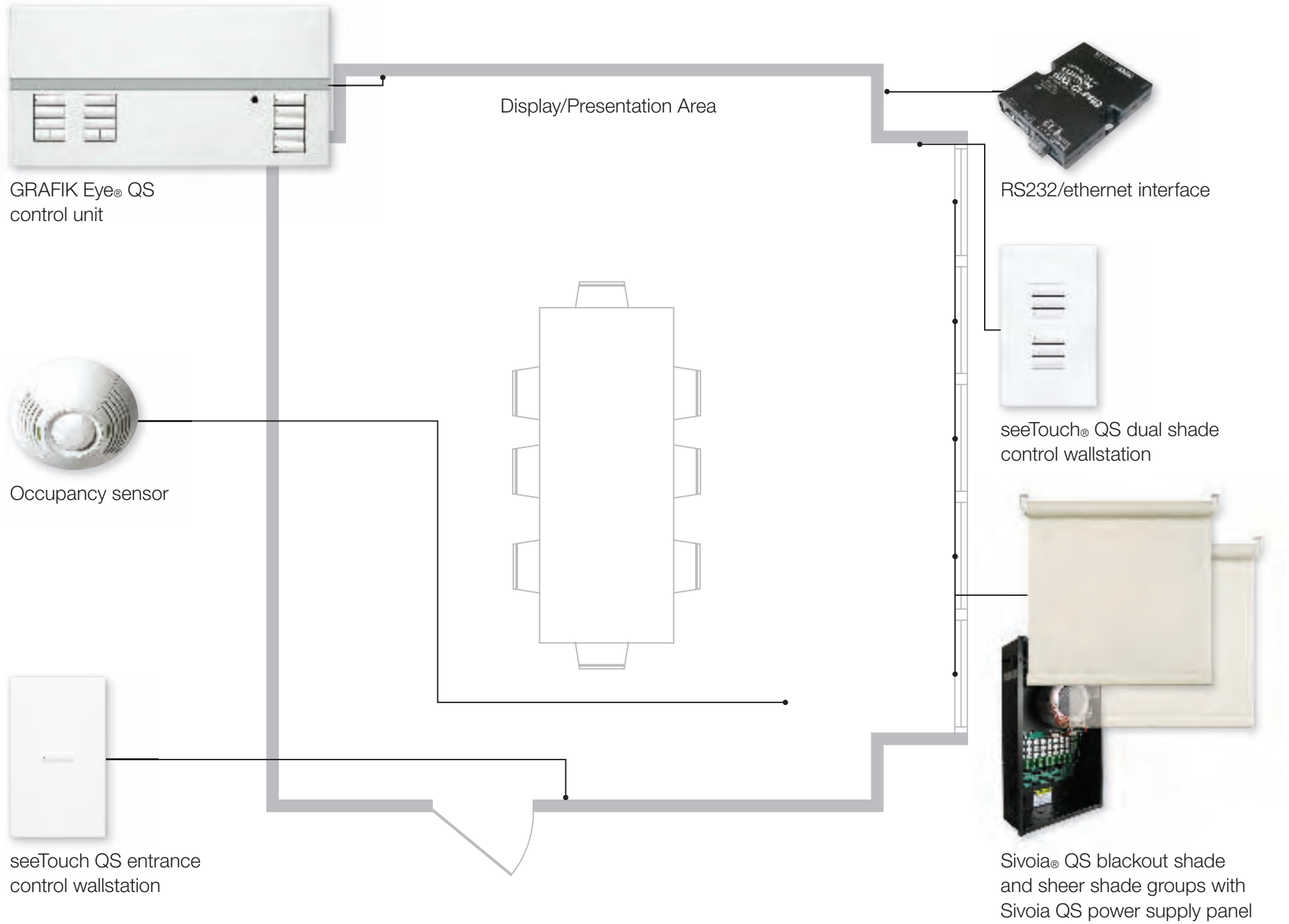
wallstations

Locate a simple one-button control at the entrance(s) and a separate shade control by the windows.



A/V integration

Link the flat-screen TV with lighting and shades. Automatically select the A/V preset scene when the TV is on and receiving a signal from a computer.



change the space to suit
the needs of the customer



Flexible meeting spaces that can change size based on the number of people or the activity require movable walls and lighting that change with them.

Meeting room strategies



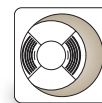
preset scene control

Typical preset scenes include meeting, A/V, presentation, set up, and off.



natural light control

Control shades as flexibly as you control the lighting within partitionable spaces.



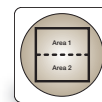
occupancy response

Locate a ceiling sensor in the room to shut off lights automatically. Set up the system so that the lights must be turned on manually.



wallstations

Use a 2-button wallstation as a manual control to open or close room partitions.



partitioning

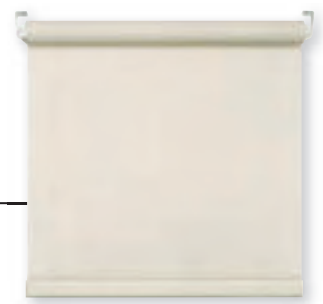
Use infrared sensors to automatically provide a signal to the lighting control to operate the rooms independently or together.



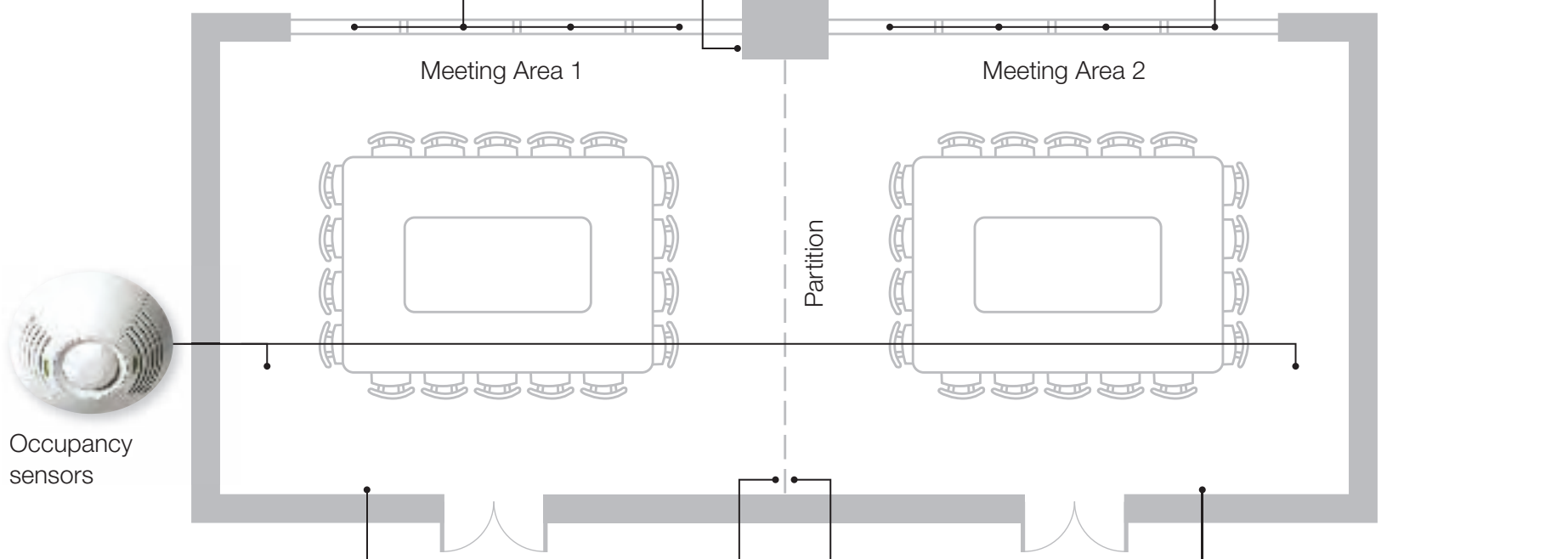
Sivoia® QS blackout shade group with Sivoia QS power supply panel



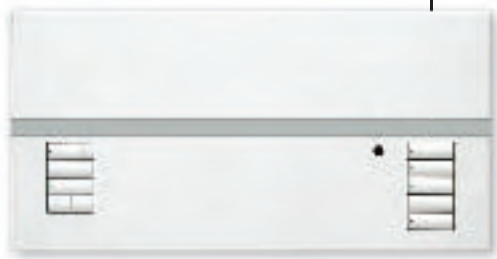
seeTouch® QS partition control wallstation



Sivoia QS blackout shade group



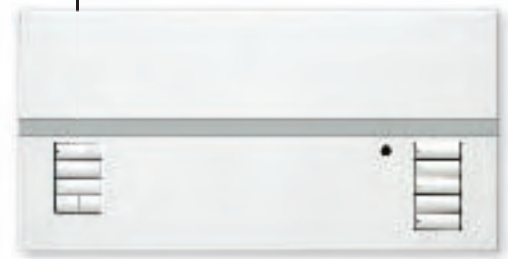
Occupancy sensors



GRAFIK Eye® QS control unit



Infrared partition sensor (ceiling mounted)



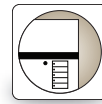
GRAFIK Eye QS control unit

enhance the design with
a dramatic lighting solution



Restaurants use the lighting to create and complement the ambience.

Cafe strategies



preset scene control

Typical preset scenes include lunch, afternoon, early evening, late evening, and after-hours.



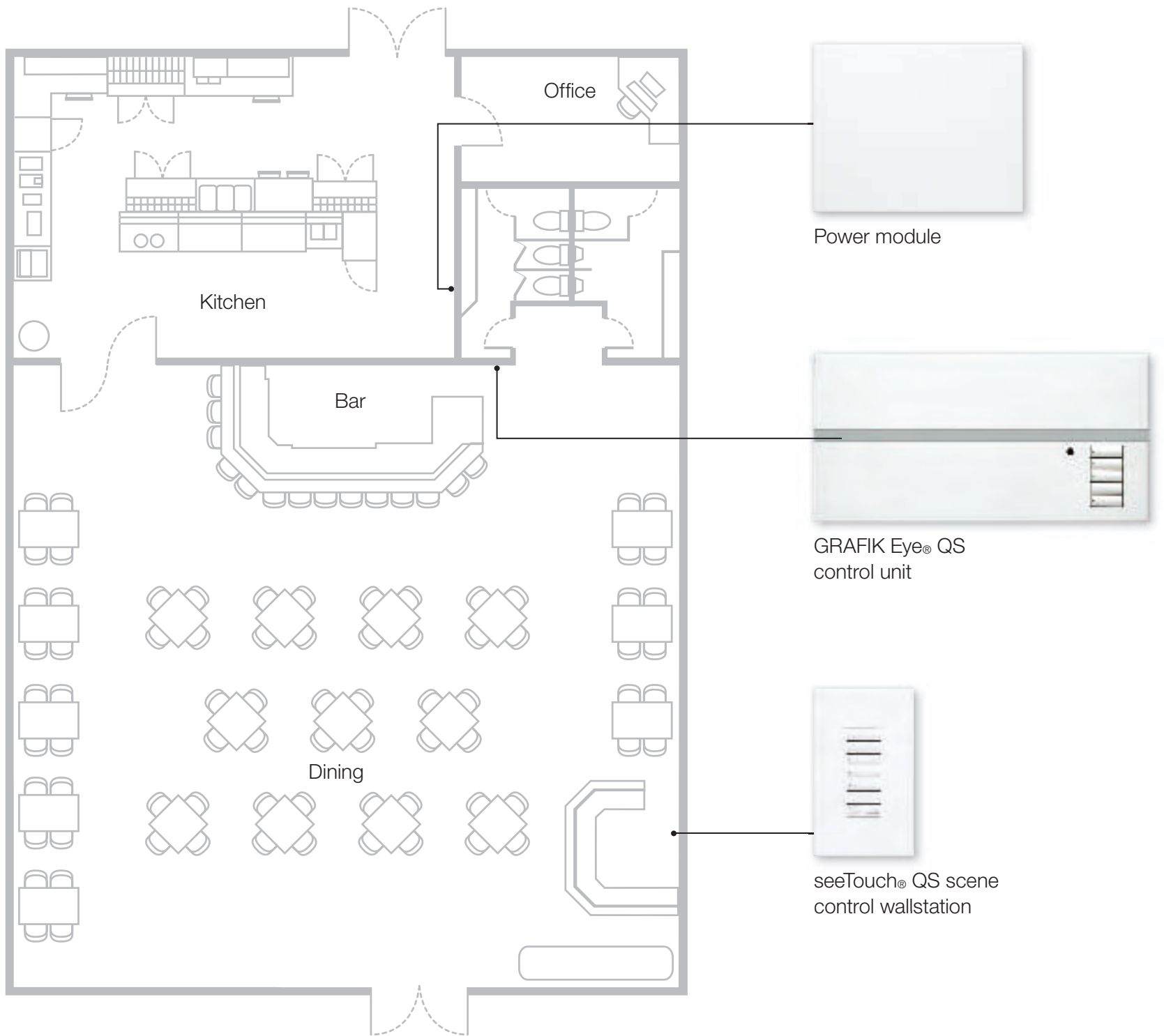
time scheduling

Set changes to occur automatically so the staff can focus on the customers. Longer fade rates are used to have the lights change imperceptibly.



wallstations

Give the hostess control with a wallstation to make adjustments as needed.

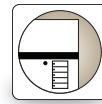


maximize the home theater experience



Lighting control immerses the user in the home theater experience, with lights that fade as the movie begins.

Home theater strategies



preset scene control

Typical preset scenes include day, movie, TV, reading, and off.



natural light control

Incorporate sheer shades to prevent glare on the screen and blackout shades to eliminate unwanted daylight.



wallstations

Locate a control near the door to provide access to preset scenes upon entry and exit.



portable control

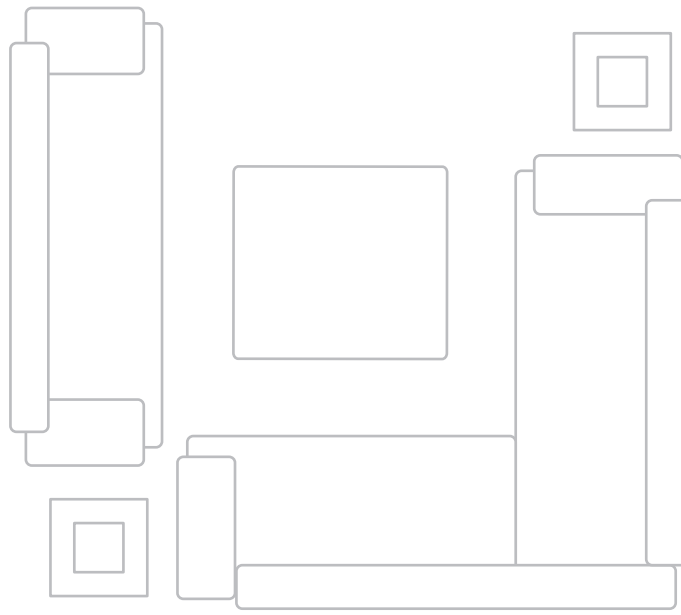
Operate the A/V equipment, the lighting, and the shades with a universal remote.



GRAFIK Eye® QS control unit



TV



Sivoia® QS blackout shade and sheer shade groups with Sivoia QS power supply panel



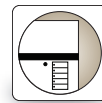
seeTouch® QS scene control wallstation with IR receiver

create the perfect lighting environment for every space



Houses of worship need lighting that can be reverent or bright based on the service or the time of day. Power modules are included to control the added wattage of the chandeliers.

House of worship strategies



preset scene control

Typical preset scenes include morning, special, wedding, evening, and off.



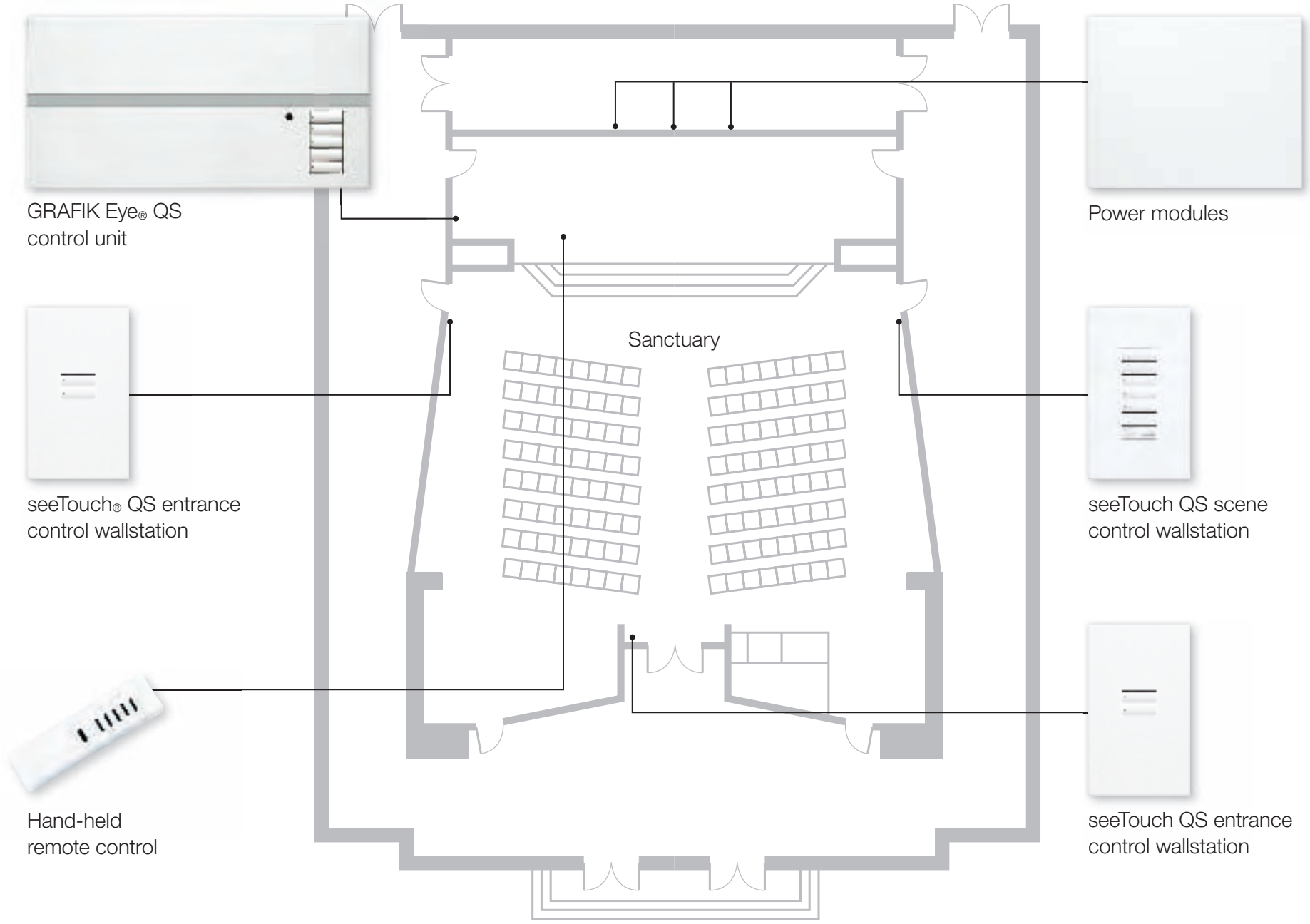
wallstations

Locate controls at each doorway for easy access upon entry and exit.





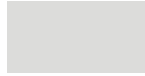
portable control

Control A/V equipment, the lighting, and the shades from the lectern or podium with a hand-held remote control.











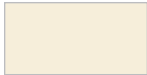
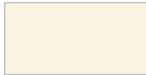




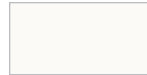
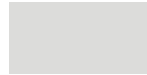




39 colors to coordinate with any décor









Architectural matte finishes

							
White (WH) f, s, b	Ivory (IV) f, s, b	Beige (BE) f, s, b	Almond (AL) f, s, b	Lt. Almond (LA) f, s, b	Gray (GR) f, s, b	Brown (BR) f, s, b	Black (BL) f, s, b


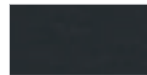
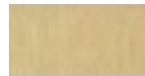
Satin Color™ matte finishes

									
Hot (HT) f, s	Merlot (MR) f, s	Plum (PL) f, s	Turquoise (TQ) f, s	Terracotta (TC) f, s	Greenbriar (GB) f, s	Bluestone (BG) f, s	Mocha Stone (MS) f, s	Sea Glass (SG) f, s	Taupe (TP) f, s, b
									
Eggshell (ES) f, s, b	Biscuit (BI) f, s, b	Goldstone (GS) f, s	Desert Stone (DS) f, s	Stone (ST) f, s	Limestone (LS) f, s	Snow (SW) f, s, b	Palladium (PD) f, s	Midnight (MN) f, s	Sienna (SI) f, s

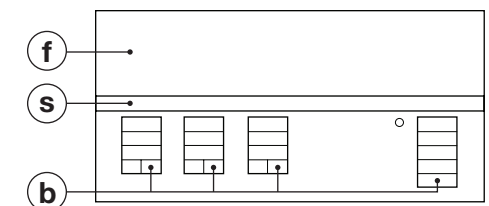
Architectural metal finishes

			
Bright Brass (BB) f, s	Bright Chrome (BC) f, s	Bright Nickel (BN) f, s	Satin Brass (SB) f, s
			
Satin Chrome (SC) f, s	Satin Nickel (SN) f, s	Antique Brass (QB) f, s	Antique Bronze (QZ) f, s

Anodized aluminum finishes

	
Clear (CLA) f, s	Black (BLA) f, s
	
Brass (BRA) f, s	

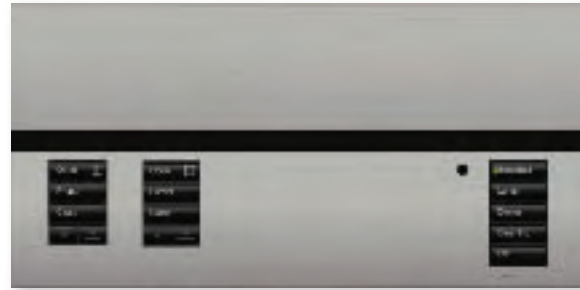
Color option guide



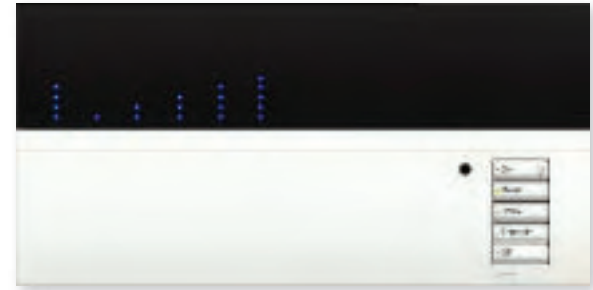
- f** faceplate color option
- s** stripe color option
- b** button color option



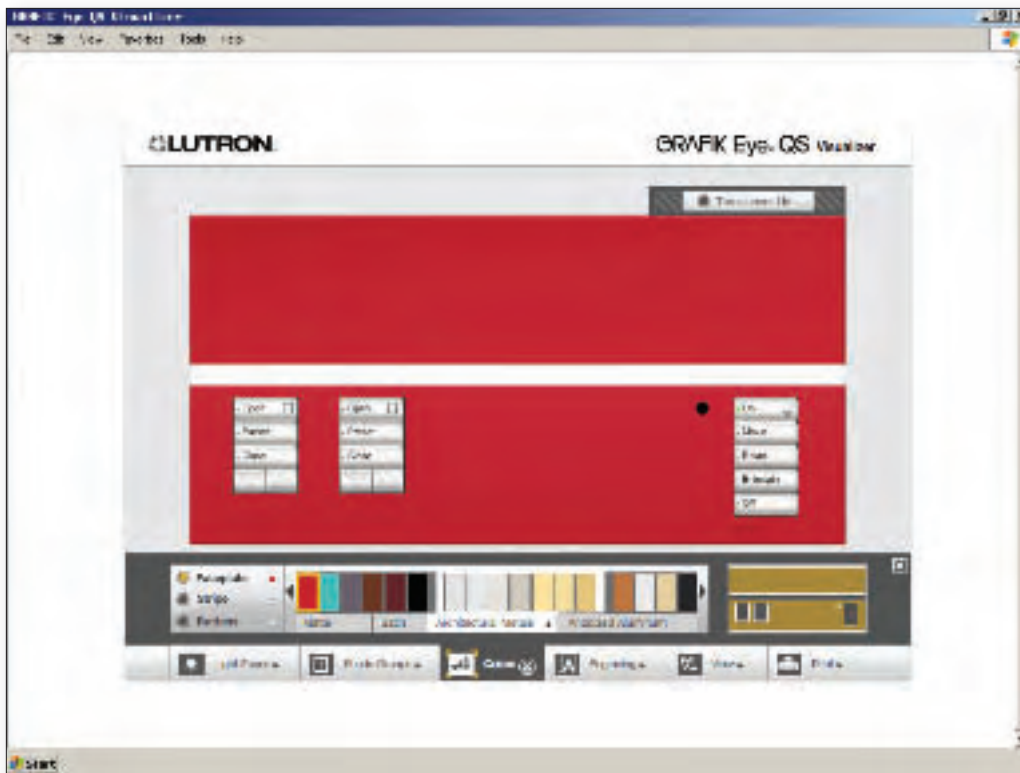
- f** Sea Glass
- s** Gray
- b** White



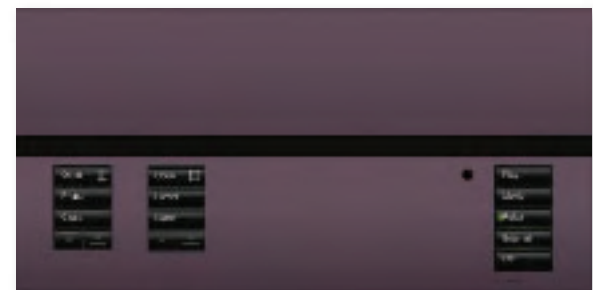
- f** Satin Nickel
- s** Black
- b** Black



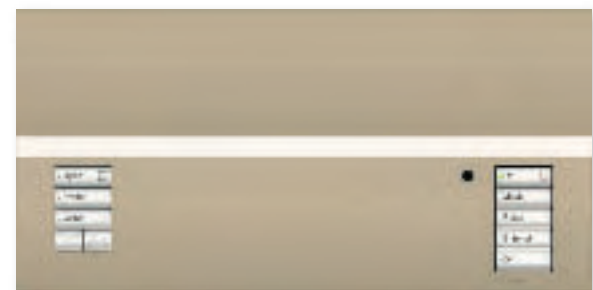
- f** White (Translucent Lid)
- s** White
- b** White



Use the GRAFIK Eye® QS Visualizer to design a customized control unit and generate model numbers and order forms. View it on screen or print a copy to present to your design team or client. www.lutron.com/grafikeyeqs



- f** Plum
- s** Black
- b** Black



- f** Mocha Stone
- s** Eggshell
- b** Eggshell

our commitment

Lutron is committed to bringing our customers best-in-class products and solutions that offer superior performance, with world-class service and global support.

Light control is environmentally responsible. It enhances life safety and it strengthens security. Lutron develops high-quality, elegant lighting products and solutions that help reduce energy costs significantly. We innovate in advance of emerging market needs, and we continually streamline our quality, our delivery, and our value.

Lutron owns over 250 patents and manufactures more than 15,000 products. For over 45 years, we have met and exceeded the highest standards of quality and service. Every one of our products is quality-tested before it leaves the factory, and we are available to help, on the phone or in the field, whenever we are needed.

unmatched support

Expert design assistance

- Product, application and system knowledge to identify the best solutions to meet project objectives
- Design assistance for the specification community with drawings and CSI specifications
- Quick turnaround to meet construction schedules
- Prototype commitments and system performance evaluations
- Global project management

Expert service

- Ongoing commitment to service and reliability
- Global field service engineers handle factory commissioning and support
- 24/7 multilingual technical phone support
- Assured performance plans include annual warranty extension, annual comprehensive preventative maintenance, and customized training





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