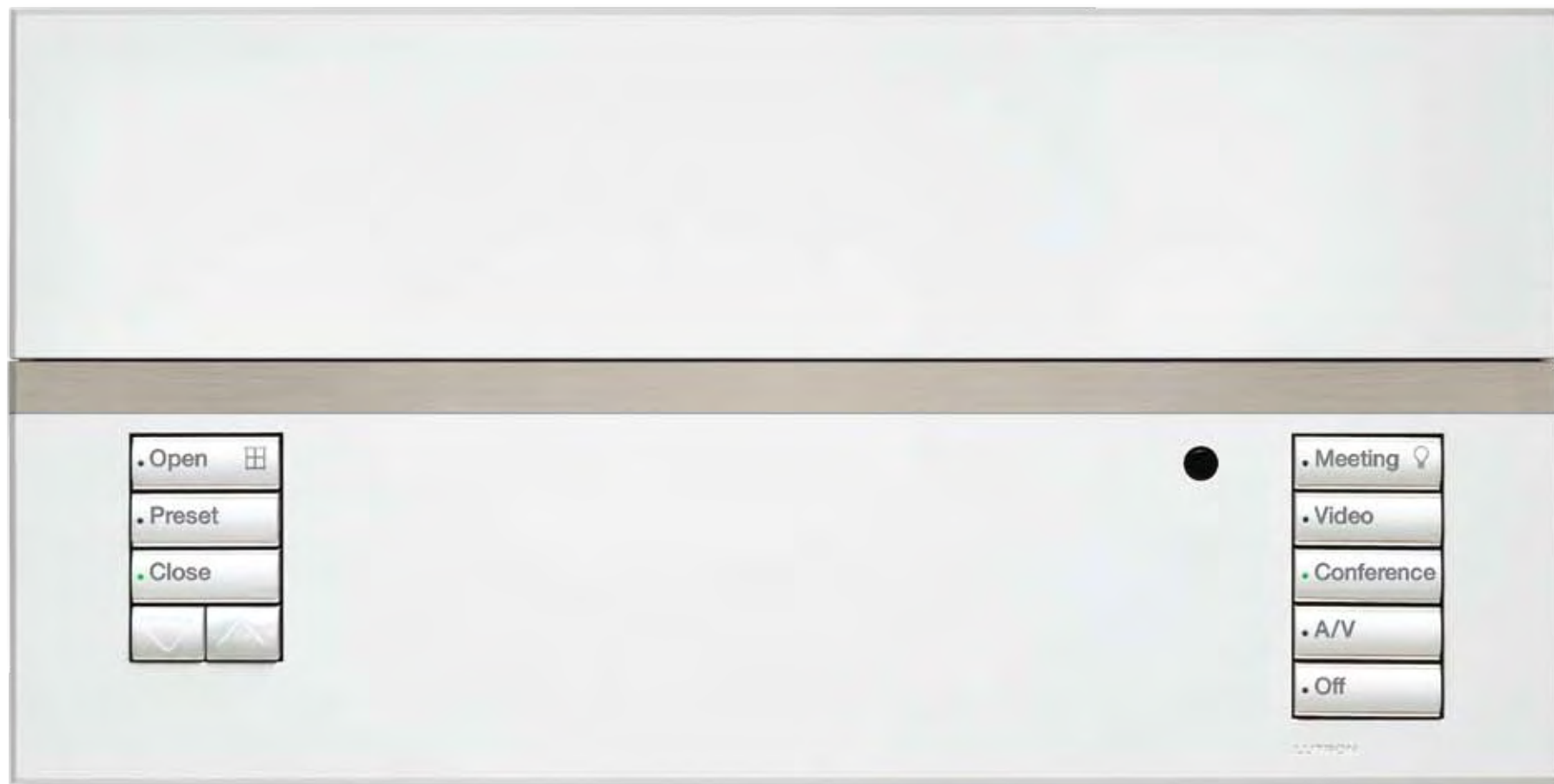


# GRAFIK Eye QS™

a powerful light, shade, and energy control system

**NEW**  
Wireless RF technology  
& EcoSystem® versions



Improves comfort and productivity while saving energy



## What is GRAFIK Eye® QS?

GRAFIK Eye QS is a powerful, customizable preset lighting control system that allows you to adjust lights and shades for any task or activity. GRAFIK Eye QS helps you save energy, as well as meet the aesthetic, functional, and regulatory needs of any project or space.

## What's new?

Lutron's reliable **Clear Connect RF Technology™** provides wireless connectivity to shades, sensors, and keypads. RF capability adds flexibility, saves time and costs during the design and installation process, and provides convenient light control from anywhere in the space.

GRAFIK Eye QS is now available to **directly control** EcoSystem® and Hi-lume® 3D digital fluorescent ballasts, as well as Hi-lume LED drivers.



## What are the benefits?

### Improve comfort and productivity

- Ensure the right visual environment for any activity through simple, preset lighting scenes and boost productivity by 5%–10%

### Save energy and comply with codes

- Reduce lighting energy use up to 60% with integral astronomic timeclock, occupancy/vacancy and daylight sensing
- Complies with ANSI/ASHRAE/IESNA Standard 90.1-2007, IECC, and California Title 24 energy codes

### Simplify design and integration

- Connect directly to Sivoia® QS shades, occupancy/vacancy sensors, keypads, EcoSystem or Hi-lume 3D ballasts
- Integrate with AV, HVAC, and other systems

### Enhance flexibility and scalability

- Reconfigure easily to meet the changing needs of a project or space
- Add components to grow the system for an entire floor, building, or campus

## How does the front panel work?

### 5 Multiple Lighting Zones

- 3, 4, or 6 zones (standard 120V model)
- 6, 8, or 16 zones (EcoSystem® model)

### 4 Backlit zone control buttons

- raise or lower each group of lights
- LEDs indicate light level

### 3 Color options

- 42 colors

### 2 Shade control

- open, preset, close
- raise/lower
- 0, 1, 2, or 3 shade groups

### 1 Light control

- 4 scenes and off
- backlit, engravable buttons
- easy to change in the field

### 6 Page button

- choose between zones 1–8 or 9–16

### 7 Astronomic timeclock

- scheduling to meet energy codes
- includes after-hours mode

### 8 Information display

- energy savings
- lighting levels
- timeclock information

### 9 Master override backlit buttons

- raise and lower light levels of a complete scene

### 10 Infrared receiver

- allows wireless connectivity to handheld infrared remote

### 11 NEW RF Transceiver

- allows wireless connectivity to other RF devices

### 12 NEW Wireless RF connections to:

- Sivoia® QS Wireless shades
- Radio Powr Savr™ occupancy/vacancy sensors
- Pico wireless keypads

### Wired connections to:

- Sivoia QS shades
- Occupancy/vacancy sensors
- seeTouch QS wall keypads
- RS-232/Ethernet interfaces
- Power Modules

### EcoSystem® low voltage connections to:

- EcoSystem, Hi-lume® 3D ballasts, and/or Hi-lume LED drivers (64 maximum)
- Daylight sensors
- Occupancy/vacancy sensors

# Typical application: conference room

## energy-saving components



### EcoSystem®/Hi-lume® 3D digitally addressable ballasts

save energy and increase productivity by managing daylight and electric light



### NEW Sivoia® QS Wireless roller shades

blackout and/or solar shades quietly move at the touch of a button to reduce sun glare and solar heat gain



### Daylight sensor

save energy by automatically adjusting light levels based on the amount of daylight



### NEW Radio Powr Savr™ wireless occupancy/vacancy sensor

ensure energy savings by turning lights on and off based on room occupancy—easy to retrofit



## lights, shades, AV, and HVAC controls

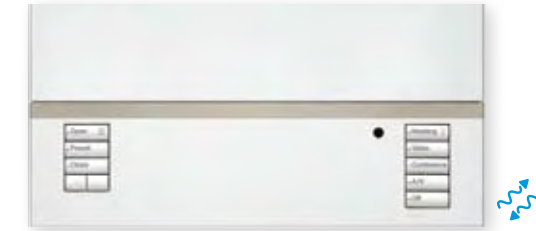
### seeTouch® QS wallstation

adjust lights and shades to achieve the optimal light level for any task—all at the touch of a button



### GRAFIK Eye® QS control unit

monitor, schedule, and control lights and shades at the touch of a button



### RS-232/Ethernet interface

integrate with building management systems so you can easily control lights, shades, AV, and HVAC from one device via standard RS-232 protocol or Ethernet

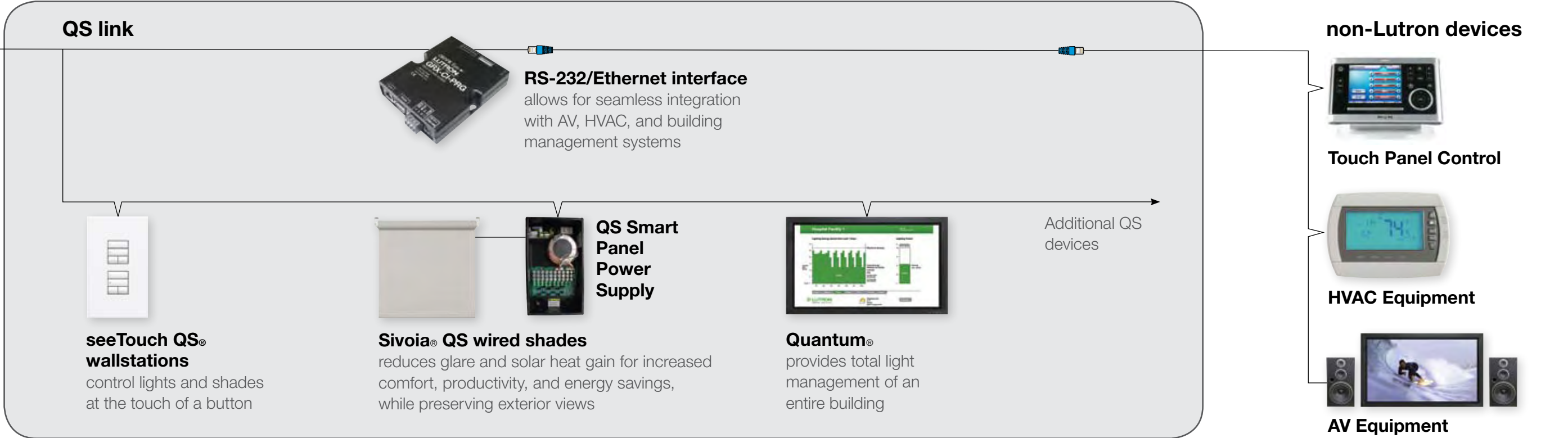
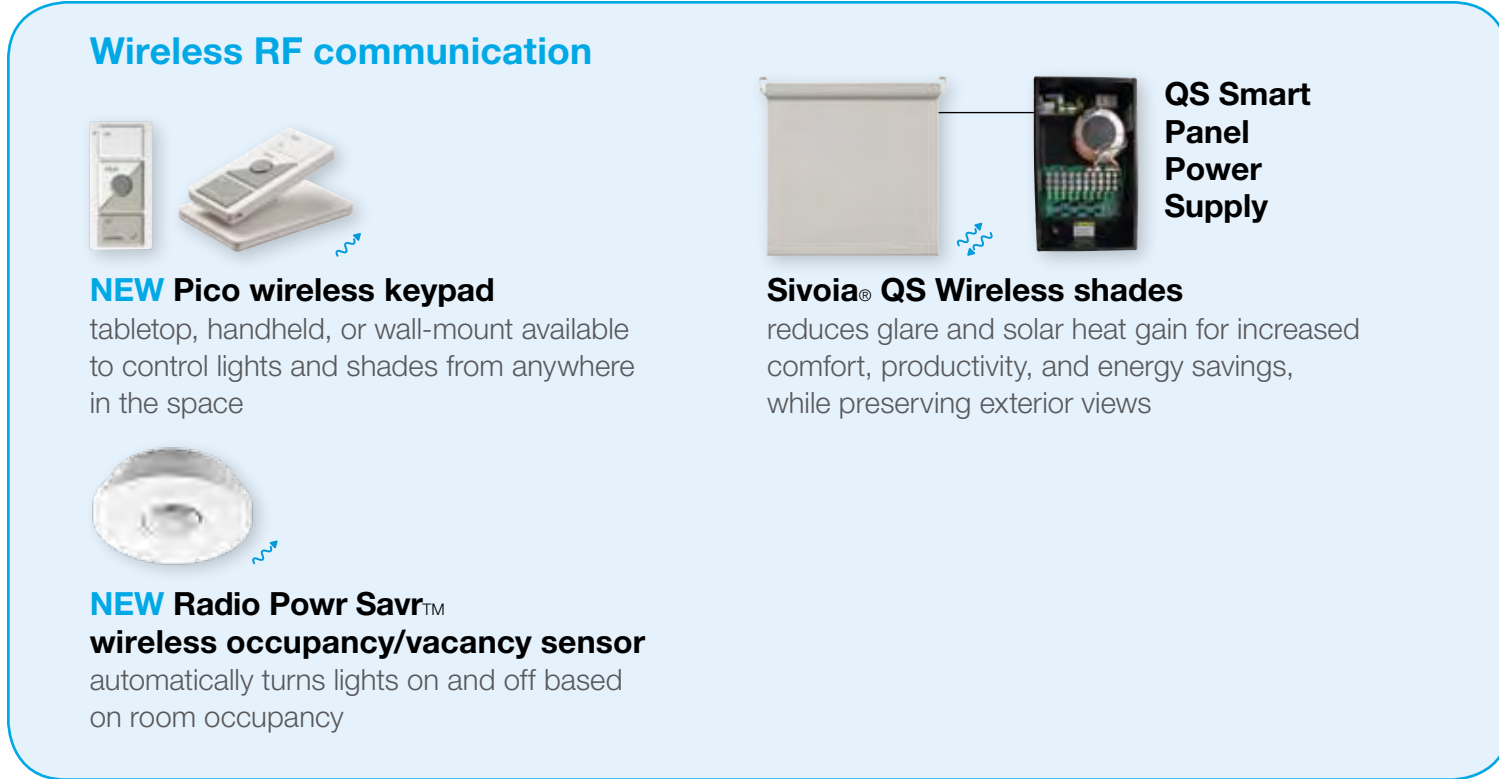
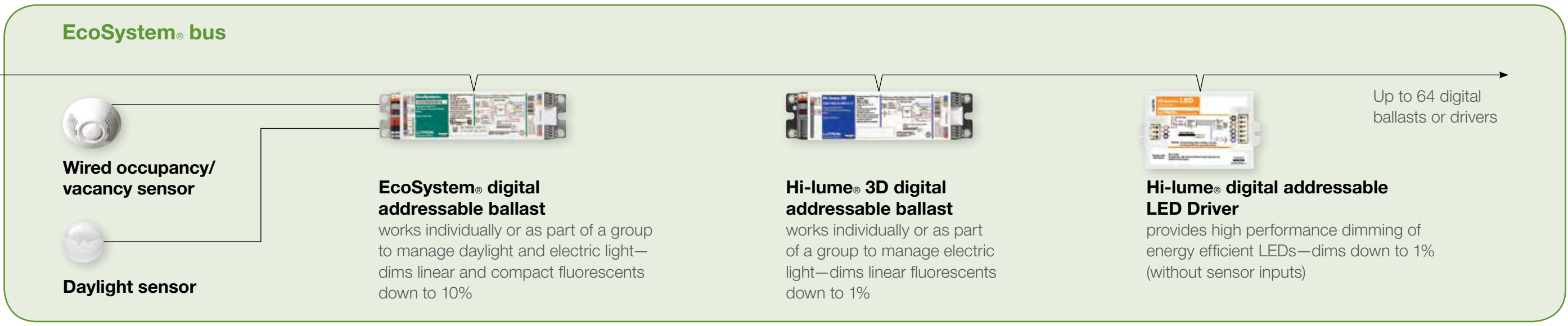
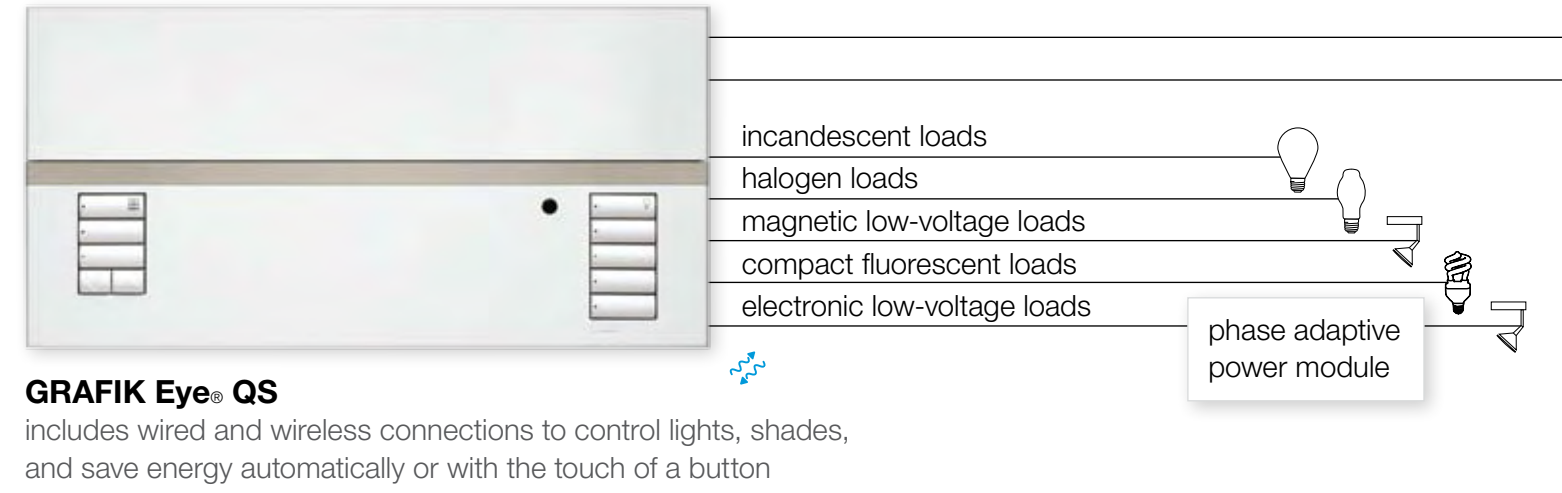


### NEW Pico wireless keypad

tabletop, handheld, or wall-mount available to control lights and shades from anywhere in the space



# How the components connect together



# Lighting is your greatest opportunity for energy savings

- **Lighting accounts for 39% of the annual electricity used in office buildings.\***
- **Lutron solutions can save up to 60% or more of your lighting energy costs.**

## How does GRAFIK Eye® QS save energy?

Energy strategy	Typical energy savings
Dimming/high-end trim	20% Lighting
Occupancy/vacancy sensing	15% Lighting
Daylight harvesting	15% Lighting
Personal light control	10% Lighting
Controllable window shades	10% HVAC
Scheduling	15% Lighting
<b>Typical energy savings</b>	<b>60% Lighting, 10% HVAC</b>

“We designed our building to use 1.28 watts per square foot of lighting power. With Lutron, it’s only using 0.38 — that’s 70% less.”

## Benefits of light management

- **Save electricity and protect the environment**  
Reduce greenhouse gases by eliminating unnecessary energy use.
- **Save money**  
Lower electricity bills, maintenance costs, and peak demand charges.
- **Increase productivity and comfort**  
Research indicates that people can be 5–10% more productive working in their preferred light level.



Glenn Hughes,  
Director of Construction  
for The New York  
Times Company during  
design, installation,  
and commissioning of  
The New York Times  
Building

