Lutron LED Control Center of Excellence

The Lutron LED Control Center of Excellence is a resource devoted to providing answers to questions about LED control solutions, from the basics of LED function to the steps necessary to successfully control LEDs. This online suite of tools and information can help you design an LED dimming system with confidence. Visit www.lutron.com/LED to learn more.

Lutron Support Community

Participate in this community exchange for practical information you can use on the job, every day.

The Lutron Support Community is an online forum for residential dealers and homeowners to post questions and answers about Lutron products, as well as share ideas, best practices, and troubleshooting tips. Members of Lutron’s tech support team monitor and participate in the forum to provide assistance and ensure information provided is correct.

Dealers can also access the mobile-friendly version of the forum while on a job site to conveniently search for solutions to problems on-demand.

What’s new

FALL 2014
Table of contents

What’s new in whole home solutions
4-button Pico® wireless control .......................... 4
GRAFIK™ ........................................ 5
Radio Window™ sensor .................................. 6
HomeWorks® QS Specification Series keypads .......... 7
RF contact closure output module .......................... 8
RF 0–10 V module ...................................... 9
LaunchPort® with buttons .................................. 10

What’s new in software
RadioRA® 2 ........................................... 14
HomeWorks QS ....................................... 15
Lutron Home Control+ app .............................. 16

What’s new in simple solutions
Maestro® 0–10 V dimmer sensor .......................... 20
Caséta® Wireless ........................................ 21

What’s new in shades
System-enabled 4-group RF remote control ............... 24
Lutron Design Collections ................................ 25

What’s new in fixtures
Ivalo® Finiré® LED recessed lighting ....................... 28
Ivalo® Lumaris™ LED linear lighting ..................... 29
Ivalo® LED pendant and sconces .......................... 30

Lutron LED Control
Center of Excellence .................................. back cover
Lutron Support Community .............................. back cover
What’s new in whole home solutions
4-button Pico® wireless control
A cost-effective, easy-to-add control for areas of the home where a backlit keypad isn’t required

- Program multiple presets/scenes on one control
- Available with standard engraving options or with personalized engraving
- Adds an intuitive keypad aesthetic to the Pico wireless family
- 10-year battery life
- Uses Lutron Clear Connect® RF technology
- Available in White, Light Almond, Ivory, or Black
- Compatible with RadioRA® 2 and HomeWorks® QS

What’s new in whole home solutions

GRAFIK T™
This architectural touch dimmer, the latest in the C-L family, establishes a new language for lighting control

- Simple and intuitive touch control adds style to any space
- Neutral-optional dimmer dims up to 250W of dimmable screw-in LEDs, 600W of incandescent/halogen loads, 300VA of MLV loads, and 350W of Lutron LTE LED drivers (or up to 8)
- Clear Connect® RF-enabled to integrate with Lutron wireless sensors and systems
- Control from up to five locations with four companion dimmers per master control
- New patented technology makes it possible to use metal faceplates while maintaining wireless capability
- Available in many colors and finishes, including metal and glass
- Dimmer and switch are available in standalone or RF system versions for RadioRA® 2 and HomeWorks® QS
- Coming soon — GRAFIK T slider will integrate with Quantum® and HomeWorks QS to provide local zone control of any load type via the QS link
- Coming soon — GRAFIK T switch will control all load types
What’s new in whole home solutions

Radio Window™ sensor
Control lights and shades automatically to compensate for shadows, clouds, or bright conditions

• Maximize comfort by adjusting shades based on natural light levels
• Improve energy savings by raising or lowering shades to optimize solar heat gain
• Control a single shade, a group of shades, or an entire façade
• Change the behavior of keypad button programming based on ambient light levels
• Available in window mount or mullion mount pair
• Compatible with HomeWorks® QS

HomeWorks® QS Specification keypads
A collection of high-end keypads for the most discerning customers

• seeTouch keypads with large buttons makes it easy to read and activate favorite scenes
• HomeWorks® QS Stanza® RF keypads provide a flush, refined style and large, easy-to-press buttons
• Signature Series™ round button keypads are a classic style in solid metal finishes
What’s new in whole home solutions

**RF contact closure output module**
Control a single contact closure output (CCO) from a remote location without running wire.

- Provides easy integration of third-party equipment
- Ideal for gates, pumps, shutters, projectors, and other basic integration devices
- Powered by 24 VAC or 24 VDC
- Installs easily onto a standard junction box
- Uses Clear Connect RF technology
- Compatible with HomeWorks QS and RadioRA 2 systems

**RF 0–10 V module**
Control a single zone of 0–10 V load from a remote mounted location.

- High-voltage power switching and 0–10 V control signal combined in a single device
- Eliminates 0–10 V interfaces
- Installs easily onto a standard junction box
- Uses Clear Connect RF technology
- Compatible with HomeWorks QS and RadioRA 2 systems
**What’s new in whole home solutions**

**LaunchPort® with buttons**

Add the power and compatibility of Clear Connect® to a LaunchPort iPad® mini sleeve.

- Hard buttons function independently of an iPad
- Provides immediate access to key functions without having to “wake up” an iPad and navigate to the app
- Compatible with Maestro Wireless®, Caséta® Wireless, GRAFIK Eye® QS Wireless, RadioRA® 2, or HomeWorks® QS

LaunchPort is a registered trademark of Dana Innovations
iPad is a registered trademark of Apple Inc.
What’s new in software
What’s new in software

RadioRA® 2
RadioRA 2 software version 8.0 includes, new features, and supports new products

**Software improvements**
- Time clock catch-up—the time clock will execute missed events after a power loss
- Assign the areas an HVAC controller effects for the Home Control+ app
- Add non-system Maestro® sensors to the floorplan and BOM
- Ability to override the dimmer chosen by the software for LED and fluorescent load types
- Download/access app notes directly from the software

**Keypad builder feature**
- Homeowners can now create their own scenes by using the Lutron Home Control+ app to add/remove loads from buttons

**Support for new products**
- RF GRAFIK T™ dimmer, switch, and accessory control
- Radio Window® sensors
- Modbus thermostat control on a native Modbus link
- Support for 2, 5, and 10 position DIN rail panels
- New options for Finiré®, Aliante® family, and L’ale® family
- 4-button Pico® wireless control
- System-enabled 4-group RF remote control

**Faceplate engraving**
- Engrave/order faceplates directly from the software
- Spell checker for button engraving on the programming screen as well as the interactive engraving report

---

**HomeWorks® QS**
HomeWorks QS software version 8.0 includes new features, and supports new products

**Software improvements**
- Import/export command sets for third-party devices
- Add wired keypads from HomeWorks Interactive and HomeWorks Illumination using a new link type (purchase required) to facilitate upgrades
- Security mode added
- Lock and unlock zones or keypads outside of security mode
- New #EDIT command allows third-party systems to make and save changes to lighting and shading scenes from their touchscreen
- Shared scenes are organized in alphabetical order in the programming section
- Download/access app notes directly from the software
- Add non–system Maestro® sensors to the floorplan and BOM

**Keypad builder feature**
- Homeowners can now create their own scenes by using the Lutron Home Control+ app to add/remove loads from buttons

**Support for new products**
- RF GRAFIK T™ dimmer, switch, and accessory control
- Radio Window® sensors
- Modbus thermostat control on a native Modbus link
- Support for 2, 5, and 10 position DIN rail panels
- New options for Finiré®, Aliante® family, and L’ale® family
- 4-button Pico® wireless control
- System-enabled 4-group RF remote control

**Faceplate engraving**
- Engrave/order faceplates directly from the software
What’s new in software

Lutron Home Control+ app Version 8.0
This updated software includes new features and supports new products

- Keypad builder feature allows homeowner to create new scenes, edit existing scenes, create new
timeclock events, or edit existing timeclock events
- Fade and delay editing for zones controlled by timeclock events and keypad buttons
- Support for 4-button Pico® wireless controls
- Support for indicating zones and keypads locked by security mode, as well as prevents editing
of locked zones/keypads
- Reduces the number of follow-up visits for new scene creation and adjustment
What’s new in simple solutions
What’s new in simple solutions

**Maestro® 0–10 V dimmer sensor**
This standalone dimmer sensor dims 0–10 V fixtures and provides occupancy sensing, all in one device

- Dims 0–10 V electronic fluorescent ballasts or LED drivers
- Selectable dimming curve optimizes performance of 0–10 V LED drivers
- Load auto-detect software alerts you if control is linked to an incompatible device
- Uses Lutron XCT™ sensing technology
- Uses Lutron Smart Ambient Light Detection
- Uses Lutron Adaptive Zero-Cross Switching
- Available in 27 gloss and satin colors

**Caséta™ Wireless**
Adjust your lights, shades, and temperature from anywhere

- Simple, reliable, affordable light, shade, and temperature control
- Installs in minutes—no new wiring required, no neutral required
- Add a light switch without having to wire anything using the Pico remote control
- Ideal for existing or new homes
- Mobile control of system via the new Smart Bridge Pro and Lutron app
- Easy set up—no programming software required
- Integrates with selected A/V and security systems
- Uses Lutron Clear Connect® RF technology
- Dimmers work with dimmable LED and CFL bulbs as well as incandescents and halogens
What's new in shades
**What’s new in shades**

**System-enabled 4-group RF remote control**
This remote is now compatible with standalone shading and whole-home systems, including RadioRA® 2 and HomeWorks® QS

- Can operate four individual shades or groups of shades independently from one remote
- Uses Clear Connect® RF technology
- Available in White

**Lutron Design Collections**
An enhanced Classico™ Collection with a refreshed look and feel

- New performance-rated roller fabrics from leading global suppliers in the Classico Collection
- Updated binder design with removable fabric swatches and an insert for openness factor and color comparison
- Categorized decks of sustainable screens, solar screens, and blackouts for quick and easy specification
What's new in fixtures
What’s new in fixtures

Ivalo® Finiré® LED recessed lighting
New options are available for Finiré, an all-in-one solution (fixture, driver, LED) that eliminates the guesswork when dimming LEDs with Lutron controls

- **NEW!** 98 CRI IC option for higher performance and 2013 Title 24 compliance
- **NEW!** Smaller trims for an architectural look and feel
- 4” round or square fixtures available in downlight, wallwash, or adjustable models
- 83 and 98 CRI Xicato LEDs available in 2700K, 3000K, or 3500K
- Bronze and stainless available in both standard and trimless round and square options
- Full five-year warranty includes color shift and consistency
- Guaranteed Lutron control compatibility and integration with HomeWorks® QS

Ivalo Lumaris™ LED linear lighting
Lumaris, which provides uninterrupted lines of high quality LED illumination, is now available with new options

- **NEW!** Clear lens provides more light output for cove and task lighting
- **NEW!** 30° and 60° angled bracket provides flexibility for optimizing light distribution
- **NEW!** Architectural brown color finish to blend with natural and wood surfaces
- Small profile available in 6”, 12”, 18”, 24”, 36”, or 48” linkable light bars
- 95 CRI Lutron LEDs available in 2700K or 3500K
- Full five-year warranty includes color shift and consistency
- Guaranteed Lutron control compatibility
What's new in fixtures

Ivalo® LED pendant and sconces (Aliante®, L'ale® and Rotare® families)

These high-end fixtures—now all available in LED options—ensure high quality aesthetics (no power cords), architectural paint finishes, and excellent dimming and color quality.

- NEW! Aliante, L’ale and Rotare interior LED pendant and sconces
- NEW! Aliante exterior LED sconces
- 95 CRI Lutron LEDs available in 2700 K or 3500 K
- Full five-year warranty includes color shift and consistency
- Guaranteed Lutron control compatibility and integration with HomeWorks® QS