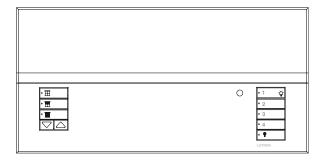
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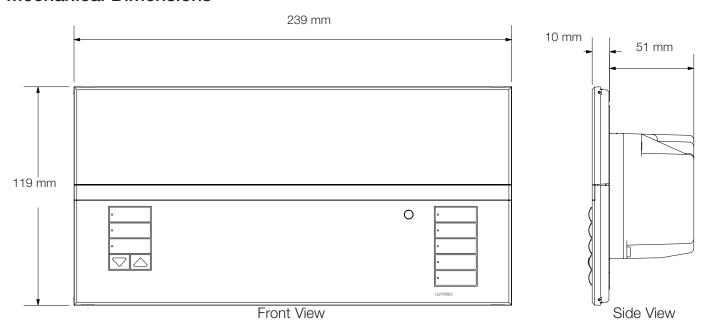
GRAFIK Eye® QS Control Unit with DALI (CE)



Description

GRAFIK Eye® QS with DALI is the premier energy-saving lighting and shade control. GRAFIK Eye® QS features an astronomic timeclock, intuitive lighting presets, and direct shade control, which are seamlessly integrated with DALI-compliant output devices, and Lutron's QS components and systems. Now with an integral DALI-compliant bus supply, you can use the GRAFIK Eye® QS with DALI to control digital loads and shades without interfaces, and integrate with a variety of Lutron products and systems, including Sivoia® QS shades and all Lutron wired QS products and systems, including Quantum®.

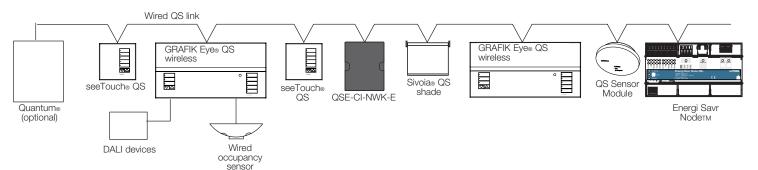
Mechanical Dimensions



Fits into a 4-gang U.S. backbox, 90.4 mm deep (Lutron P/N 245-254) or 76.2 mm deep (Lutron P/N 241-400)

System Topology

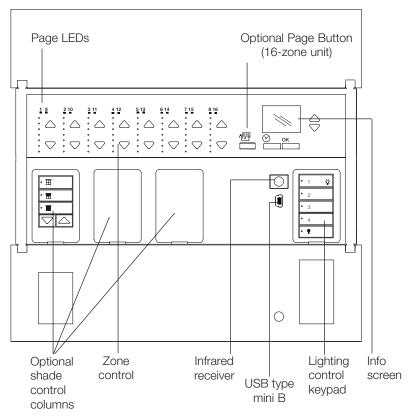
Example of Wired System



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Note: Symbol-based (-SGN) engraving shown.

Features

- Pushbutton recall of four preset lighting scenes, plus Off.
- Sixteen (16) total available scenes, plus Off scene.
- Optional integrated shade control buttons, which can also be added to the unit after installation.
- Master override buttons to raise and lower all lights.
- Allows setup of lighting scenes and shade presets using buttons on the control unit.
- Built-in infrared (IR) receiver.
- External IR connection.
- Built-in astronomic timeclock.
- Info screen shows zone light level percentage, energy savings, zone labeling, programming, and Digital Addressable Load setup.
- Lockout option prevents accidental changes.
- Occupancy sensor input and 24 V=== power for one occupancy sensor.
- QS communication link for seamless integration of lights, motorised window treatments, wallstations, and integration interfaces.
- Compatible with all Lutron QS system components.
- Control up to 6, 8, or 16 zones of DALI-compliant loads from internal bus supply.
- Up to 64 DALI-compliant output devices can be addressed and grouped into zones.
- Integral DALI setup and programming through the info screen.
- Backlit buttons with engraving make unit easy to locate and operate.
- Available in a variety of colours and finishes.

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Specifications

Input Power

• 220-240 V 50/60 Hz

Environment

- 0 to 40 °C.
- Relative humidity less than 90% non-condensing.

Compliance

• CE

Lighting Sources/Load Types

- Up to 64 DALI-compliant output devices (devices must comply with IEC/EN 60929) can be addressed and grouped into zones.
- Before system is addressed, Zone 4 will transmit broadcast commands to all DALI-compliant loads wired to the GRAFIK Eye® QS.
- Zones on Energi Savr Node™ products wired to the same QS link
 - Zones on Energi Savr Node™ with Softswitch®
 - Zones on Energi Savr Nodeth for 0-10 V
 - Zones on Energi Savr Node™ with EcoSystem® Please refer to "Remote Zone Mapping" for important information.
- DMX channel(s) through DMX output interface (QSE-CI-DMX). Please refer to "Accessory Controls: DMX Output Interface"

Note: A zone may be programmed to control only one load type at a time.

Key Design Features

- Tested to withstand 16 kV electrostatic discharge without damage or memory loss.
- Tested to withstand voltage surges of up to 6 000 V
 and current surges of up to 3 000 A. Lightning strike
 protection meets ANSI/IEEE 62.41-1980 standard.
- Power failure memory retains programming and light level settings for up to 10 years in the event of a power loss.
- The GRAFIK Eye® QS supplies 3 Power Draw Units (PDUs) on the QS link.
 - For complete information, see "Power Draw Units on the QS Link," Lutron P/N 369405
- Faceplate is hinged at the top and bottom, and stays open at 180° for ease of access.

Scene and Shade Buttons

- Large, rounded buttons are easy to use.
- Backlit buttons with optional engraving make it easy to find and to operate the control unit in low light conditions (backlight can be disabled).
- Optional button engraving is angled up to the eye for easy reading.
- Predefined label stickers are included for field labeling.
- 4 preset lighting scenes, plus Off, are accessible from the front of the control unit.
- 12 additional scenes are stored in the control unit and are accessible from the integral timeclock, seeTouch® QS wallstations, and QS interfaces.
- Light levels fade smoothly between scenes. Fade time can be set differently for each scene: 0 to 59 seconds, or 1 to 60 minutes. Maximum fade time from Off is 3 seconds. Maximum fade time from Scene Off is 3 seconds.

Shade Control

- The GRAFIK Eye® QS can include up to 3 shade button columns. Each column has backlit open, preset, close, and raise/lower buttons.
- Each shade button column can be programmed to operate one shade or a group of shades. (Shades may be assigned to more than one shade button column).
- Faceplates are available with 1, 2 and 3 shade button columns.

Zone Control

- Each zone has a dedicated raise and lower button to adjust the zone.
- Each zone has a dedicated 7 LED bar graph for level status. Percentage of light level and energy saved is displayed on the info screen.
- All zone information has blue backlit LEDs. Backlight turns off when idle for 30 seconds.
- High-end and low-end trim settings are adjustable per zone (high end from 99 to 55%; low end from 45 to 1%).
 Note: Trim for remote zones must be adjusted locally on the Energi Savr Node™ unit.
- Each zone is programmable to only one load type at a time.

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Specifications

Info Screen

- OLED (organic LED) screen is viewable from all angles.
- Screen turns off when idle for 30 seconds.
- Programmable zone labels.
- Programmable scene labels.
- Status of real-time zone percentage and energy savings.
- Programmable timeclock schedules.
- Programmable shade labels.
- Selectable display languages:
 - English - Spanish
- French
- Italian - German
- Portuguese

Astronomic Timeclock

- Integral to all units.
- 7 daily schedules available.
- One available holiday schedule is programmable by date up to one year in advance.
- 25 events per day maximum.
- Timeclock events are programmable to control scenes that affect any Energi Savr Nodeth unit connected on the QS link without changing the local scene on the GRAFIK Eye® QS.
- Astronomic times are programmable by integral city database or by entering latitude and longitude. Sunrise/ Sunset times automatically adjust throughout the year based on location.
- Automatically adjusts for Daylight Saving Time (DST); DST is programmable.
- Local timeclock events can activate any of the following features:
 - Scenes 1 to 16 and Off
 - Any available window treatment presets
 - Start and End afterhours mode
 - Enable and Disable daylighting for all zones/groups
 - Enable and Disable occupancy for occupancy/vacancy
 - Enable and Disable occupied events for all occupancy sensors

System Communications and Capacities

- IEC PELV wiring connects control units, wallstations, motorised shades, and control interfaces.
- A QS system can have up to 100 devices and 100 zones.
- Class 1/Class 2 wiring connects DALI-compliant output devices to control unit.

Infrared

- Infrared (IR) receiver allows infrared transmitters to select 8 scenes, raise/lower lighting zones, or raise/lower shades.
- Transmitter buttons imitate buttons on faceplate.
- 15 m line of sight range.
- Terminal block infrared input for direct contact with external IR connection.
- IR can be disabled via programming.
- Works with Lutron GRX-IT and GRX-8IT infrared remote controllers.

Accessory Controls: seeTouch® QS Wallstations (QSWE)

- Wired seeTouch® QS keypads provide the following features:
 - Access to one or more of the 16 scenes on the GRAFIK Eye® QS Wireless
 - Zone toggle, partitioning, sequencing, fine tune, panic mode, and timeclock enable/disable
 - Contact closure inputs
 - Certain functions are only available on specific wallstation configurations. Refer to the seeTouch® QS specification submittal.

Accessory Controls: QS Sensor Module (QSM)

- The QS Sensor Module provides a means to link wired or wireless occupancy sensors or daylight sensors, Pico® controls, and wired infrared sensors to a GRAFIK Eve® QS control unit via the wired QS link.
 - Occupancy sensors wired (or wirelessly linked) to a QS Sensor Module can be used by one or more GRAFIK Eye® QS control units on the wired link.
 - Daylight sensors wired (or wirelessly linked) to a QS Sensor Module can be used by one or more GRAFIK Eye® QS control units on the wired link.
 - Infrared sensors can control either one or more zones or scenes on the GRAFIK Eye® QS. Functionality varies; refer to the documentation for the QS Sensor Module for details.
 - Pico® wireless controls can control either one or more zones or scenes on the GRAFIK Eye® QS.
 - Pico wired controls can be used, when connected to a QS Sensor Module, to control one or more zones or scenes on the GRAFIK Eye® QS control unit.

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Specifications

Accessory Controls: Contact Closure Input/Output Interface (QSE-IO)

- Recalls preset light levels for the following set of scenes on the GRAFIK Eye® QS:
 - Scenes 1-4 and Off Scenes 9-12 and Off Scenes 5-8 and Off Scenes 13-16 and Off
- Sequence scenes 5-16, Enable/Disable Zone Lockout, Enable/Disable Scene Lockout, Enable/Disable Panic Mode, Enable/Disable Timeclock.
- Occupancy Sensors. An individual input counts as 1
 occupancy sensor for the GRAFIK Eye® QS. Each input can
 be assigned to either Scene Control or Zone Control (please
 refer to the Occupancy Sensor(s) section of this guide).
- Zone Toggle. Allows an input to toggle one or more zones between programmable preset level(s) and off.
- Shade Output mode. A Shade Column on the GRAFIK Eye® QS can be linked to control outputs 1-3 and/or outputs 4-5 on the QSE-IO.

Accessory Controls: DMX Output Interface (QSE-CI-DMX)

- Any zone on the GRAFIK Eye® QS control unit can be mapped to any single DMX512 Channel.
- Any zone on the GRAFIK Eye® QS control unit can be simultaneously mapped to any three DMX512 channels (providing RGB/CMY control).
- DMX loads cannot be used with daylighting.

Accessory Controls: Ethernet and RS232 Interface (QSE-CI-NWK-E)

 Allows for monitoring and control of the outputs and local scenes of the GRAFIK Eye® QS.

DALI Ballasts and Devices

 Supports all DALI ballasts (maximum of 64 ballasts per GRAFIK Eye® control unit)

Other Accessory Controls and Devices

• Energi Savr Nodetm QS (ESN)

Occupancy Sensor(s)

- The GRAFIK Eye® QS works with occupancy sensors through either:
 - Scene Control: Up to four sensors activate userselectable occupancy and vacancy scenes.
 - Zone Control: up to four sensors per zone activate user-selected occupancy and vacancy zone levels.
- Occupancy sensors may include:
 - Contact closure sensor wired to CCI input on back of GRAFIK Eye® QS
 - Wired sensors connected to Energi Savr Nodetm
 - Wired or wireless sensors connected QS Sensor Module (QSM)
- If any sensor in a group detects occupancy, then the GRAFIK Eye® QS will go to the designated occupancy scene or zone level.
- If all sensors in a group detect vacancy, then the GRAFIK Eye® QS will go to the designated vacancy scene or zone level.
- Low battery: the Diagnostics screen will display a low battery symbol when applicable.
- If the GRAFIK Eye® QS control unit does not receive a signal from an occupancy sensor on the link (usually due to a dead battery), the lights associated with that sensor will go to the occupied level.

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Specifications

Daylight Sensor(s)

- The GRAFIK Eye® QS with DALI works with compatible daylight sensors to adjust electric light levels based on measured daylight levels. Sensors can be configured to control either GRAFIK Eye® QS zones or groups of DALI loads independent of zoning.
- Daylight sensors may include:
 - Wired or wireless sensors connected to a QS sensor module (QSM)
- In Zone Mode, a daylight sensor can control one or more GRAFIK Eye® QS zones. Each zone can be calibrated to target light levels.
 - A zone can be controlled by no more than one daylight sensor
- In Group Mode, a daylight sensor can control one or more DALI loads, regardless of how they are zoned on the GRAFIK Eye® QS.
 - A group can be controlled by a single daylight sensor
 - Each group can be calibrated to independent target light levels
 - Up to 16 groups are available
- Daylight control can be enabled or disabled on a scene-byscene basis
 - By default, daylight control is enabled in all scenes

Note: Daylight control through the GRAFIK Eye® QS only affects lighting loads. Shade groups cannot be controlled by daylight sensors. Daylighting does not affect DMX or RGB/CMY DMX loads. Daylighting of Remote Zones linked to Energi Savr Node™ zones must be configured at the Energi Savr Node™ unit or through the *iPod*.

Contact Closure Input (CCI) with Power Supply Output

- Each GRAFIK Eye® QS has one contact closure input (Terminal A).
 - The attached device must provide a dry contact closure or solid-state output.
 - Input is miswire-protected up to 36 V===.
- The contact closure is capable of accepting the following types of inputs:
 - Maintained (default): The GRAFIK Eye® QS control unit will act on both a contact closure and a contact open/ release event.
 - Momentary: The GRAFIK Eye® QS control unit will act on only contact closure events.
- Each GRAFIK Eye
 QS can supply 50 mA maximum at 24 V===.
 - Useful for powering occupancy sensors.
- An auxiliary power supply must be used if the device requires more than 50 mA.
- The CCI is capable of operating in the following modes
 - Occupancy: If an occupancy sensor is wired directly to the GRAFIK Eye® QS, choose this setting so that the occupancy sensor will work correctly.
 - Emergency: This setting allows the GRAFIK Eye® QS to work with a LUT-ELI. When an emergency situation is detected, all lights will go to full on, and no operations will be allowed until the emergency signal is cleared.
 - Afterhours: Allows the CCI to start and end the afterhours mode.
 - Timeclock: Allows the CCI to enable and disable the timeclock.
 - Scene Lockout: Prevents the user from making any changes to the control unit. The current scene will stay on until the CCI enables normal operation.
 - Never Save: Prevents any changes from being saved while the CCI is being used.
 - Disable CCI: The CCI will have no effect on the system and will not appear on the list of available sensors.

iPod is a trademark of Apple Inc. registered in the U.S. and other countries.

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Specifications

Unit Dissipation

• All models of GRAFIK Eye® QS for Digital Addressable Loads dissipate no more than 35 BTUs/hour.

System Limits

 The QS wired communication link is limited to 100 devices or 100 zones.

Security Lockout Password

- A 4-digit password (using characters A to Z and 0 to 9) can be enabled/disabled to lock out access to the Programming Menu.
- By default there is no password enabled on the GRAFIK Eye® QS.
- If case the 4-digit password is forgotten, contact Lutron Technical Support to regain access.

Remote Zone Mapping

- Map a GRAFIK Eye® QS zone directly to an Energi Savr Node™ output so that programmed scenes in the GRAFIK Eye® QS control unit will directly control the output levels of the Energi Savr Node™.
- Adjust high-end and low-end trim for remote zones through the Energi Savr Node™ or Energi Savr app software.
- Change load types of remote zones through the Energi Savr Node™ or Energi Savr app software.
- Configure daylighting for remote zones through the Energi Savr Node™ or Energi Savr app software.
- Required:
 - GRAFIK Eye® QS control unit with firmware version 7.000 or higher
 - Energi Savr Node™ unit with firmware version 6.000 or higher
 - Energi Savr app version 6.0.0 or higher (required only if the Energi Savr Node™ unit has been configured using the app)

Partitioning

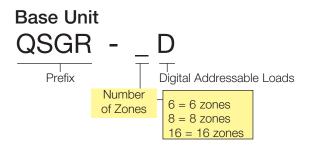
- When partition is open, creating one large space, automatically combines lighting preset functions for multiple GRAFIK Eye® QS control units.
- When partition is closed, creating two or more smaller spaces, lighting preset functions become independent.
- Requires one QSWS2-2B wallstation, a GRX-IRPS infrared transmitter/receiver pair, and a GRX-12VDC power supply for operation.
- If occupancy sensors are required in a partitioned space, note that each room's occupancy sensor(s) will operate independent of the partition status.

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GRAFIK Eye® QS for Digital Addressable Loads Custom Colour Options and Model Numbers You must order a Base Unit and a Faceplate Kit See Standard Colour Combinations page for faceplate, stripe, and button colours



Example:

QSGR-6D

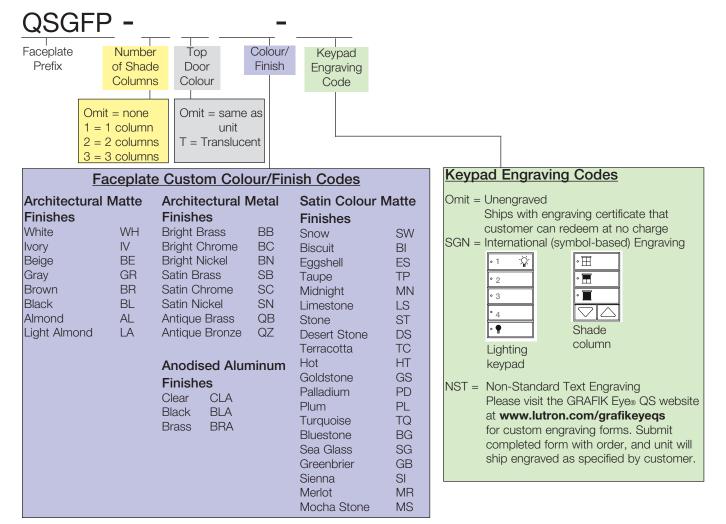
6-zone base unit and

QSGFP-2IV-SGN

Ivory faceplate kit with two shade columns and symbolbased engraving

Faceplate Kit

(includes coordinating stripe and buttons; see Standard Colour Combinations page)



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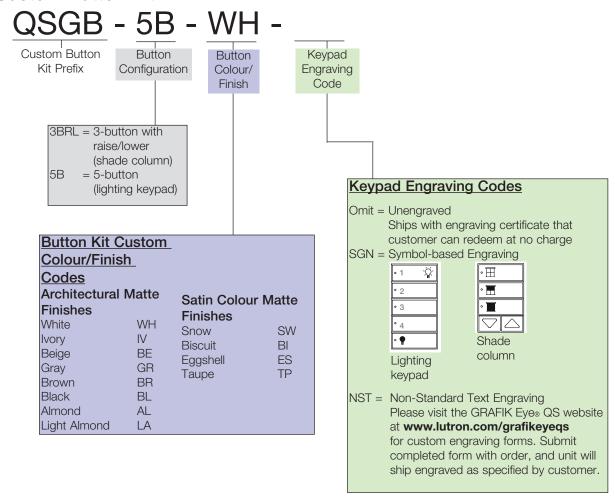
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GRAFIK Eye QS for Digital Addressable Loads

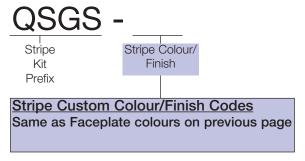
Custom Options and Model Numbers

See previous pages for Standard and Other Custom Model Numbers See Standard Colour Combinations page for faceplate, stripe, and button colours

Custom Button Kit



Custom Stripe Kit

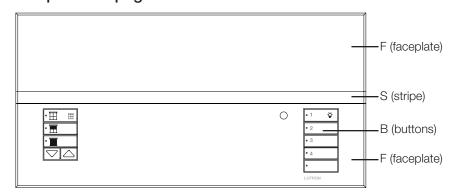


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GRAFIK Eye QS for Digital Addressable Loads Standard Colour Combinations See previous pages for Standard and Custom Model Numbers



Faceplate is comprised of a top and bottom. The bottom will always be the colour indicated under "faceplate." The top may be the same colour or translucent. Use the chart for faceplates that have the same colour top and bottom. If a translucent lid is chosen, the stripe will automatically be the same colour as the bottom lid.

| Suffix | Faceplate (F) | Stripe (S) | Button (B) | Suffix | Faceplate (F) | Stripe (S) | Button (B) |
|---------------------|----------------|--------------|--------------|--------|---------------|------------|------------|
| Architectural Matte | | | Satin Matte | | | | |
| WH | White | Gray | White | MN | Midnight | Gray | Black |
| IV | Ivory | Beige | Ivory | TP | Taupe | Gray | Taupe |
| BE | Beige | lvory | Beige | SW | Snow | Gray | Snow |
| GR | Gray | Black | Gray | ES | Eggshell | Beige | Eggshell |
| BR | Brown | Black | Brown | BI | Biscuit | Eggshell | Biscuit |
| BL | Black | Gray | Black | LS | Limestone | Gray | Gray |
| AL | Almond | Light Almond | Almond | ST | Stone | Gray | Gray |
| LA | Light Almond | Almond | Light Almond | DS | Desert Stone | Taupe | Taupe |
| Archited | tural Metal | | | TC | Terracotta | Taupe | Taupe |
| BB | Bright Brass | Black | Black | BG | Bluestone | Gray | Gray |
| BC | Bright Chrome | Black | Black | HT | Hot | Taupe | Taupe |
| BN | Bright Nickel | Black | Black | MR | Merlot | Taupe | Taupe |
| SB | Satin Brass | Black | Black | SI | Sienna | Brown | Brown |
| SC | Satin Chrome | Black | Black | GB | Greenbrier | Gray | Gray |
| SN | Satin Nickel | Black | Black | SG | Sea Glass | Gray | Gray |
| QB | Antique Brass | Black | Black | MS | Mocha Stone | Taupe | Taupe |
| QZ | Antique Bronze | Black | Black | GS | Goldstone | Ivory | Ivory |
| Anodise | ed | | | PD | Palladium | Gray | Gray |
| CLA | Clear | Black | Black | PL | Plum | Taupe | Taupe |
| BLA | Black | Black | Black | TQ | Turquoise | Gray | Gray |
| BRA | Brass | Black | Black | | | | |

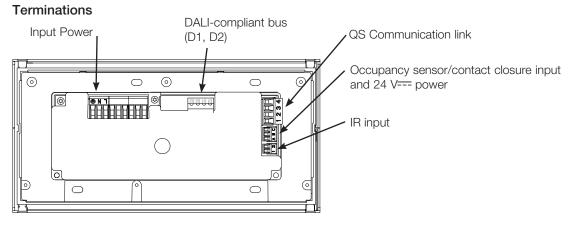
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Overview

1.0 mm²



| | Maximum DALI-compliant | | | |
|---------------------|------------------------|--|--|--|
| Wire Gauge | Bus Wire Length | | | |
| 4.0 mm ² | 671 m | | | |
| 2.5 mm ² | 427 m | | | |
| 1.5 mm ² | 275 m | | | |

175 m

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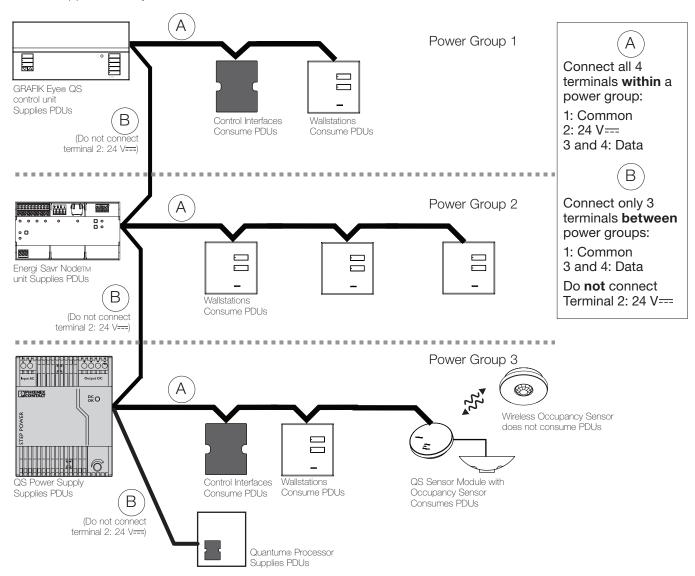
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Power Group Wiring Example

On the QS link, there are devices that supply power and devices that consume power. Each device has a specific number of Power Draw Units (PDUs) it either supplies or consumes. A Power Group consists of one device that supplies power and one or more devices that consume power; each Power Group may have only one power-supplying device. Refer to the QS Link Power Draw Units specification submittal (Lutron P/N 369405) for more information concerning PDUs.

Within Power Groups on the QS link, connect all 4 terminals (1, 2, 3, and 4), shown by the letter A in the diagram. Between devices on the QS link that supply power, connect only terminals 1, 3, and 4 (NOT terminal 2), shown by the letter B on the diagram. Refer to the specific device documentation for wiring details.

Wiring can be T-tapped or daisy-chained.

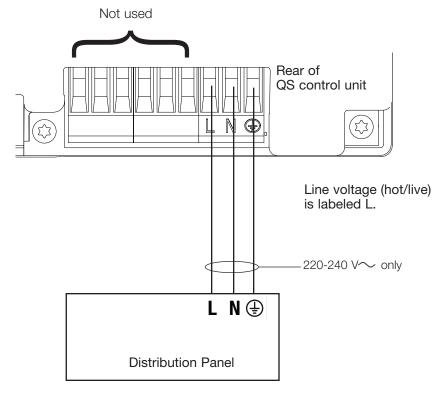


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Line Voltage Wiring



- Pull power wiring from distribution panel and to light fixtures.
- Each line voltage terminal can accept one 4.0 mm² wire.
- Consult Lutron for non-dim relay wiring and/or load side emergency transfer wiring.

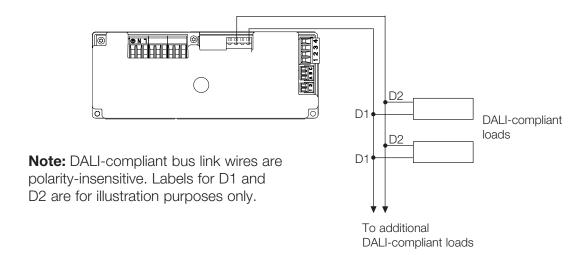
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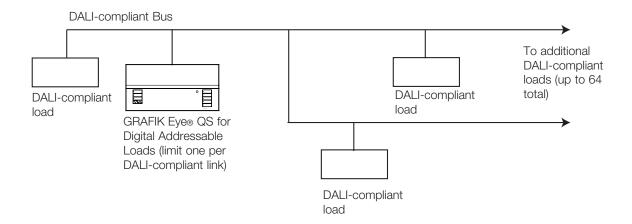
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DALI-Compliant Bus Wiring

DALI-Compliant Bus Link Terminal Detail



DALI-Compliant Bus Wiring Example



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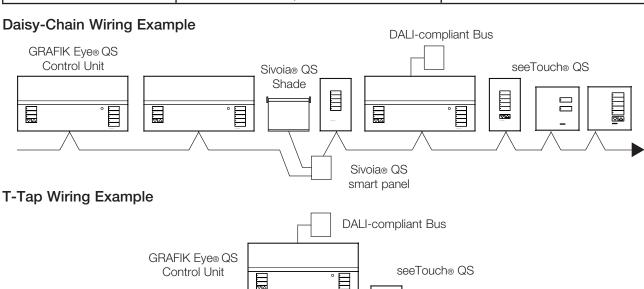
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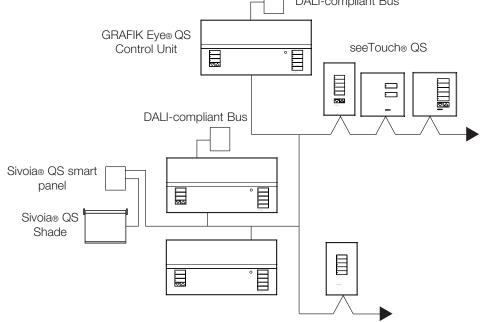
IEC PELV QS Link Wiring

- Wiring can be daisy-chained or T-tapped.
- Wiring must be run separately from line/mains voltage.
- Total length of control link must not exceed 610 m.

Wire Sizes (check compatibility in your area)

| QS Link Wiring Length | Wire Gauge | Lutron Cable Part Number |
|-----------------------|--|--------------------------|
| Less than 153 m | Power (terminals 1 and 2) 1 pair 1.0 mm ² | GRX-CBL-346S |
| | Data (terminals 3 and 4) 1 twisted, shielded pair 0.5 mm ² | GRX-PCBL-346S |
| 153 to 610 m | Power (terminals 1 and 2) 1 pair 4.0 mm ² | GRX-CBL-46L |
| | Data (terminals 3 and 4) 1 twisted, shielded pair 0.5 mm ² | GRX-PCBL-46L |



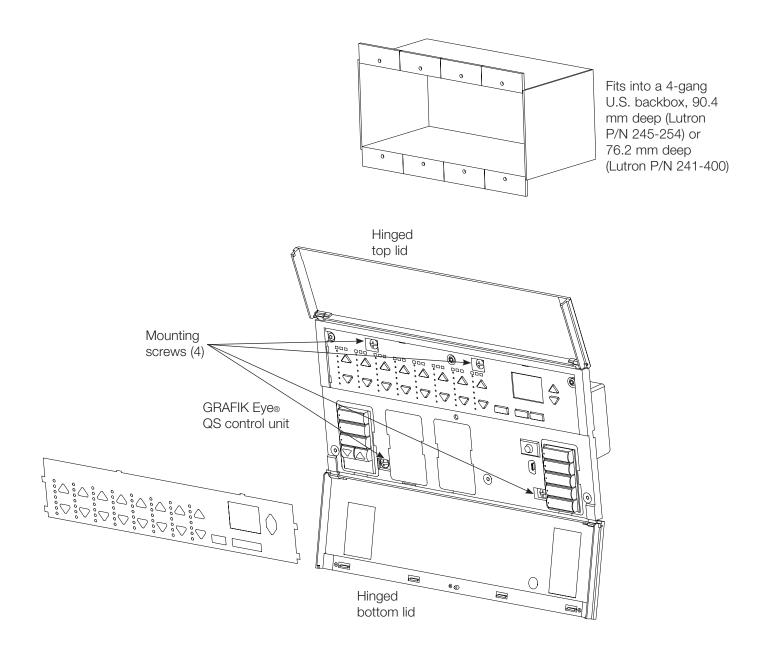


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Mounting



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Lutron Approved DALI Ballasts

The Lutron policy requires that all DALI ballasts connected to Lutron DALI controllers be tested to meet the DALI specification called out in the IEC Standard 60929. We have found that although many DALI device manufacturers claim to make devices that meet the DALI standard, the devices fail when tested against a standard DALI qualification tester.

As a service to our customers, we have pre-qualified ballasts from reputed vendors. To lower installation and commissioning costs, we strongly encourage our customers to use devices from the approved list. Please check for updates to this list at www.lutron.com.

If it is not possible to find an approved device that meets your job needs, please contact your Lutron salesperson, applications engineer or construction manager. We might be able to recommend an alternative. If not we might, at our discretion, charge a fee to test the ballast of your choice for compliance to the DALI standard.

If you need to send a DALI device to us for testing, please contact your Lutron salesperson, applications engineer or construction manager for a quote.

Our goal is to create a hassle free commissioning process for our customers.

| Manufacturer | Model Number | Date Tested | # of Lamps | Wattage | Lamp Type |
|---------------|------------------------------|-----------------|------------|--------------|------------|
| Phillips | HF-R TD 14-35 TL5 EII | March 11th 2010 | 1 | 14-35 W | TL5 |
| Phillips | HF-R TD 240 PL-L EII | March 11th 2010 | 2 | 40 W | PL-L |
| Phillips | HF-R TD 318 TLD EII | March 11th 2010 | 3 | 18 W | TL-D |
| Osram | QTI DALI 2x28/54 DIM | March 11th 2010 | 2 | 28, 54 W | T5 |
| Osram | QTI DALI 1x14/24 DIM | March 11th 2010 | 1 | 14, 24 W | T5 |
| Osram | QTI DALI 1x28/54 DIM | March 11th 2010 | 1 | 28, 54 W | T5 |
| Osram | QTi DALI 4X14/24 DIM | March 11th 2010 | 4 | 14, 24 W | T5 |
| Osram | QTi DALI 2X35/49/80 DIM: | March 11th 2010 | 2 | 35, 49, 80 W | T5 |
| Osram | QTi DALI 2X14/24 DIM | March 11th 2010 | 2 | 14, 24 W | T5 |
| Osram | QTi DALI 3X14/24 DIM | March 11th 2010 | 3 | 14, 24 W | T5 |
| Osram | QTi DALI-T/E 1X18-57 DIM | March 11th 2010 | 1 | 18, 57 W | T8 |
| Osram | QTi DALI 4X18 DIM: | March 11th 2010 | 4 | 18 W | T8 |
| Osram | QTi DALI 1x35/49/80 DIM | March 11th 2010 | 1 | 35, 49, 80 W | T5 |
| Osram | QTI DALI-T/E 2X 18/42 | March 11th 2010 | 2 | 18, 42 W | T8 |
| TRIDONIC.ATCO | PCA 1/14 T5 EXCEL one4all LP | March 11th 2010 | 1 | 14 W | T5 |
| TRIDONIC.ATCO | PCA 1/28 T5 EXCEL one4all LP | March 11th 2010 | 1 | 28 W | T5 |
| TRIDONIC.ATCO | DALI-PCD 300 one4all | March 11th 2010 | 1 | 30-300 VA | INC LV HAL |
| TRIDONIC.ATCO | PCA 2/26 TCD EXCEL one4all | March 11th 2010 | 2 | 26 W | TC-TEL |
| TRIDONIC.ATCO | PCA 1/40 T5c EXCEL one4all | March 11th 2010 | 1 | 40 W | T5C |
| TRIDONIC.ATCO | PCA 2/40 TCL EXCEL one4all | March 11th 2010 | 2 | 40 W | TC-L |
| TRIDONIC.ATCO | PCA 2/35 T5 EXCEL one4all LP | March 11th 2010 | 2 | 35 W | T5 |
| TRIDONIC.ATCO | PCA 4/14 T5 EXCEL one4all | March 11th 2010 | 4 | 14 W | T5 |
| TRIDONIC.ATCO | TE-DC2 0300 D101 one4all | March 11th 2010 | | 300 VA | ELV |
| TRIDONIC.ATCO | TE-0150 one4all sc | March 11th 2010 | | 150 VA | ELV |
| TRIDONIC.ATCO | TE-0105 one4all sc | March 11th 2010 | 1 | 20-105 W | INC LV HAL |
| Helvar | EL2X28si | March 11th 2010 | 2 | 28 W | T5 |
| Sylvania | QTP 1x14 T5/UNV Dali | March 11th 2010 | 1 | 14 W | T5 |

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| Job Name: | Model Numbers: |
|-------------|----------------|
| Job Number: | |