
myRoom plus

Out-of-Box Functionality Guide

The myRoom plus guestroom control unit, GCU-HOSP, features out-of-box functionality that provides control of a myRoom plus system prior to system startup. This allows for system verification of QS Link devices prior to the Lutron field service startup visit. Performing this verification allows for quicker system startup and prevents back charges resulting from wiring issues that cause delays in the startup process. The Testing Procedure sheets that follow will guide you through verification of the wiring. This guide will also step through verification of load wiring. In order to perform this verification, it is required to have the latest Panel Schedule available to verify load wires are landed accordingly.

If you have any questions, Lutron Customer Assistance is ready to help 24 hours a day, 7 days a week. Call us at 1.844.LUTRON1 (USA/Canada) or +44.(0)20.7680.4481 (Europe) for immediate assistance.

For Installation Guides, Setup Tools, or more information concerning your system, please visit www.lutron.com

Overview

Out-of-Box/Basic Operation

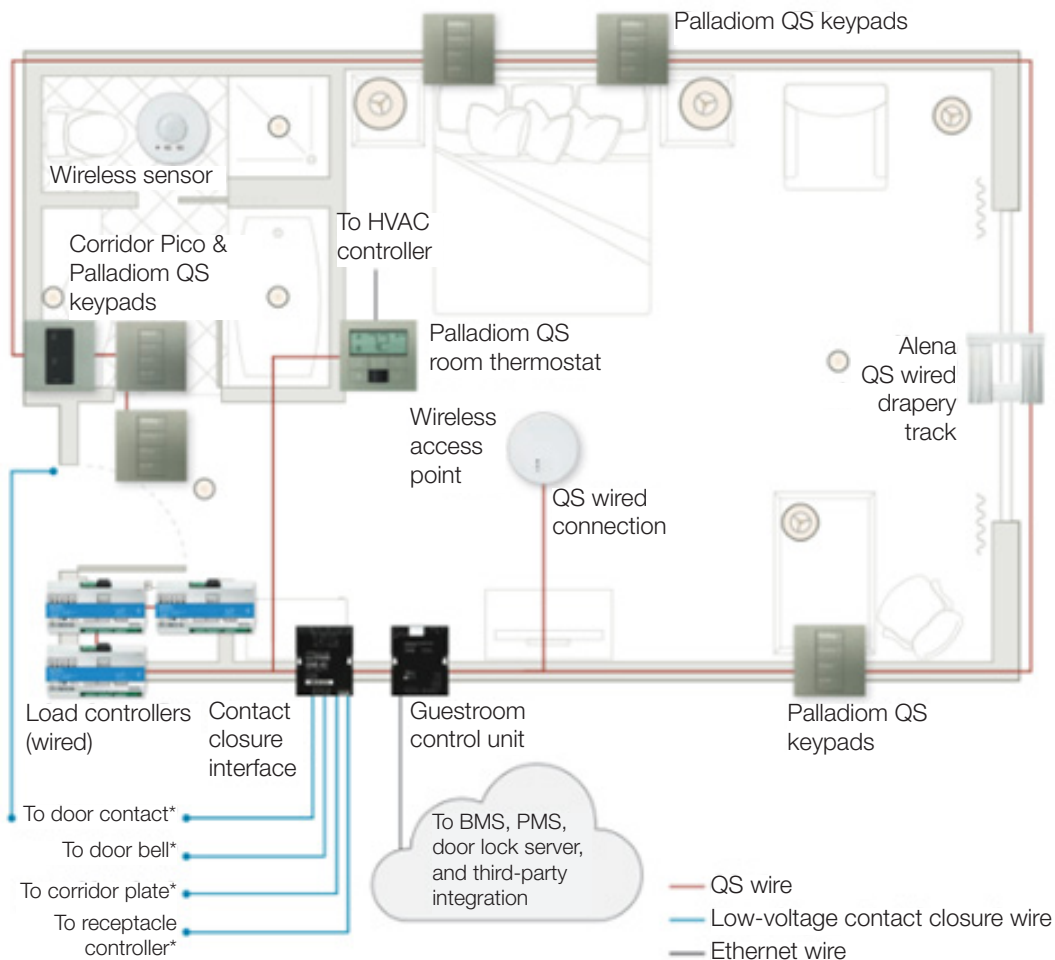
The basic out-of-box operation allows anyone using the room to turn the lights in the room on and off. Pressing any QS keypad or GRAFIK Eye button will cause the lights in the room to toggle on and off¹. In addition, the LEDs on all keypads connected to the processor will flash for three (3) seconds indicating that the system is not programmed.

Shades and Contact Closure Verification Mode

Shade and contact closure verification mode is used to confirm the wiring of shades, contact closure outputs (CCOs) and contact closure inputs (CCIs). Before entering this mode, be sure your shades are properly installed, their movement is not obstructed and their limits are properly set. It is enabled by pressing and holding any keypad button² for five (5) seconds. After the five (5) second hold, the keypads will flash for three (3) seconds to indicate that shade and contact closure verification mode has been enabled. This mode is a manual sequence which allows all output devices to step through different states. The QSE-IO will step through closing each output independently. QS shades and third-party shades tied to LQSE-4M modules will open and close. In this mode, keypad LEDs will flash for five (5) seconds. Pressing and holding a button for five (5) seconds again will return the system to the basic out-of-box operation.

¹ Only lights connected to QS wired devices, such as MQSE- modules, will toggle on and off. RF dimmers will not be controlled.

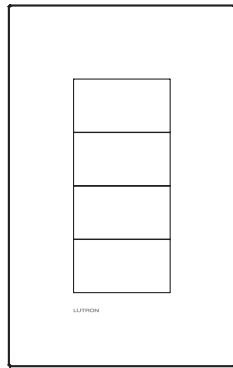
² If the room does not contain a wired QS keypad, then the contractor will be required to temporarily wire one into the system for testing and troubleshooting purposes.



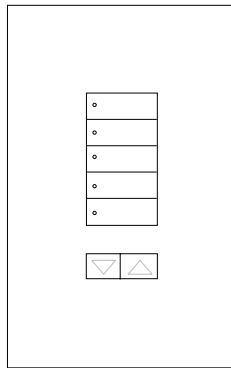
*By third-party

myRoom Testing

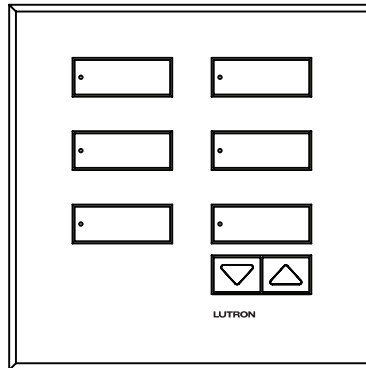
Keypad Testing Procedure



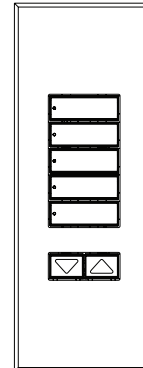
Palladium
MWP-S-xxx
MWP-U-xxx



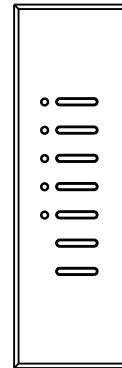
seeTouch
HQWD-xxxx
QSW2-xxxxx



seeTouch
HQWIS-xxxx
QSWE-xxxx



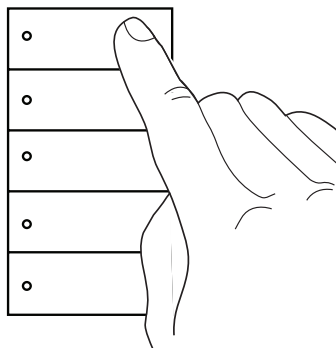
Signature Series
HQWAS-x
QSWAS-x



Architrave
HQWA-KP-x-xxxx
QSWA-KPx-xxx

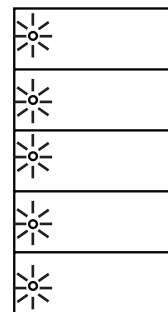
Verify Device Wiring

Step 1:



Press the top button on the keypad.

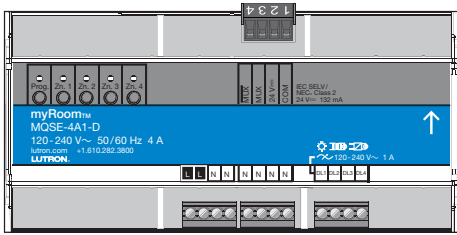
Step 2:



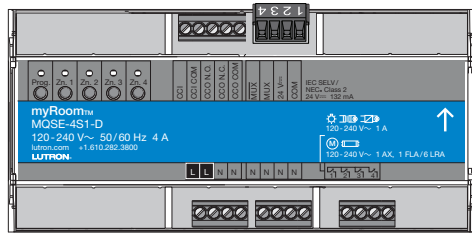
If the keypad is wired correctly, all keypad LEDs flash for three seconds.

myRoom Testing

Phase Adaptive & Switching Module Testing Procedure



Phase Adaptive Module
MQSE-xA1-D

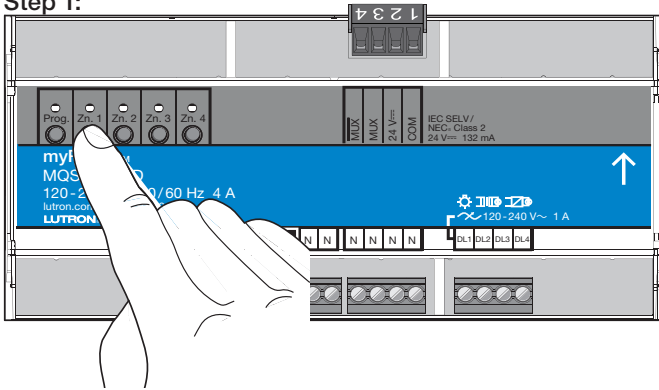


Switching Module
MQSE-xS1-D

Verify Device Load Wiring

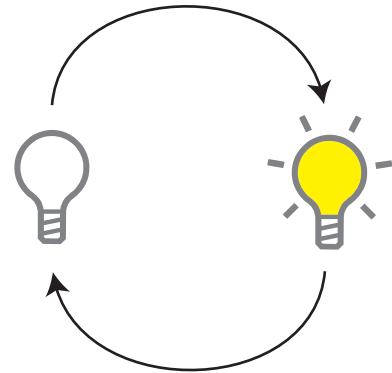
Note: The load control modules must be installed in a panel covering the line voltage before following this procedure.

Step 1:



Press a zone button, i.e. Zn.1, on the module to toggle the zone. The LED on the module will come on when the light is on.

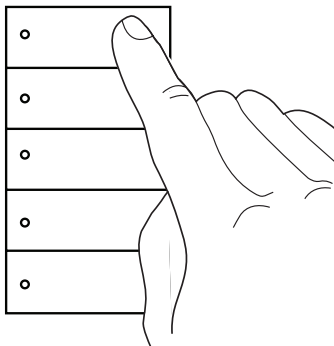
Step 2:



If the module is wired correctly, the correct light in the room will be toggled according to the Panel Schedule.

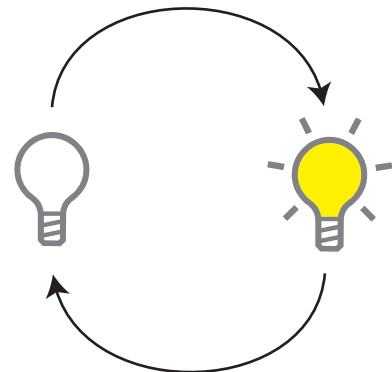
Verify QS Link Wiring

Step 1:



Press the top button on a QS keypad.

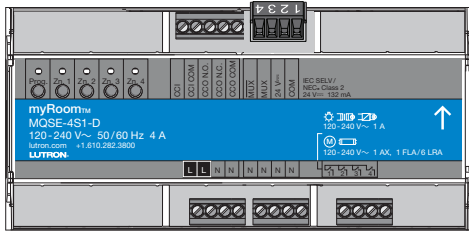
Step 2:



If the communication wiring is correct, all the lights connected to the module will toggle.

myRoom Testing

Switching Module CCO/CCI Testing Procedure

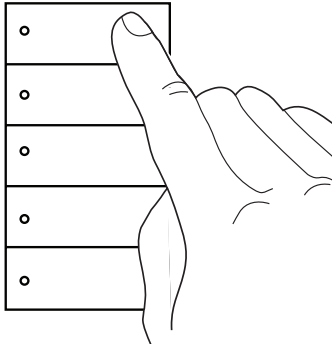


Switching Module
MQSE-xS1-D

Enable Shade and Contact Closure Verification Mode

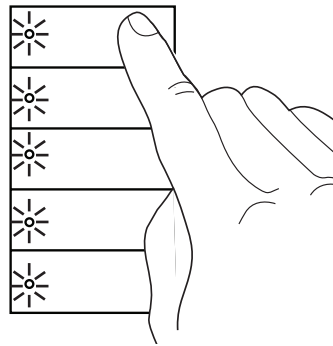
Before entering this mode, be sure all your shades are properly installed, their movement is not obstructed and their limits are properly set.

Step 1:



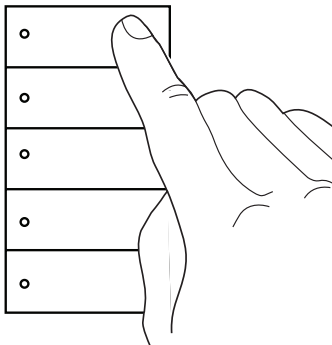
Press and hold the top button on a keypad.

Step 2:



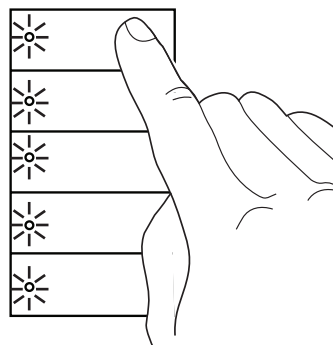
The LED will begin flashing for 3 seconds when you first press the button.

Step 3:



Continue to hold the button after the LEDs stop flashing.

Step 4:



When the keypad LEDs begin flashing a second time, release the button.

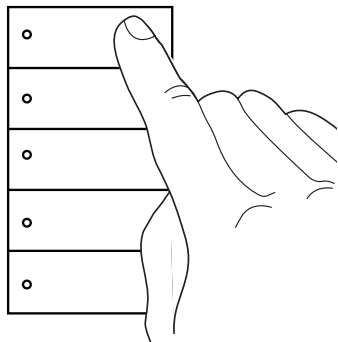
myRoom Testing

Switching Module CCO/CCI Testing Procedure (con't)

English

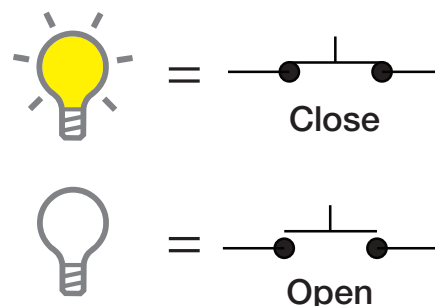
Verify CCO Wiring

Step 1:



Press the top button on the keypad, as the lights in the room turn on and off, the CCO will do the same, see diagram to the right. Multiple button presses will be needed to turn the lights off.

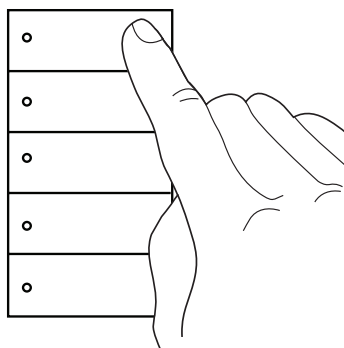
Step 2:



As long as the lights in the room are on, the normally open CCO will be closed. When the lights in the room are off, the normally open CCO will open. The normally closed output will be opposite of the normally open output.

Verify CCI Wiring

Step 1:



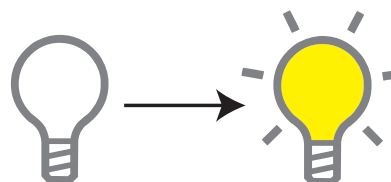
Press the top button on a keypad until the lights turn off.

Step 2:



Perform the action that closes the CCI. For example, to test a door contact, open and close the door.

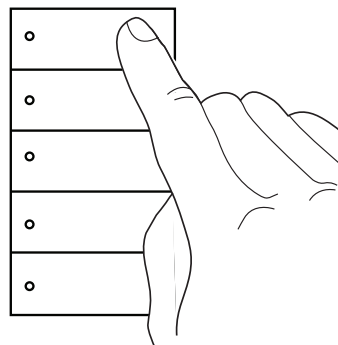
Step 3:



If the communication wiring is correct, the lights in the room will turn on.

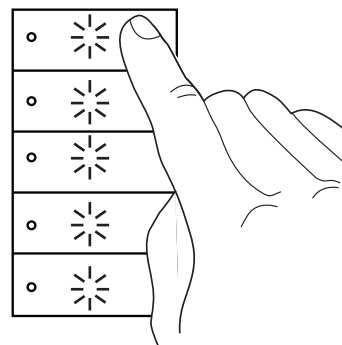
Disable Shade and Contact Closure Verification Mode

Step 1:



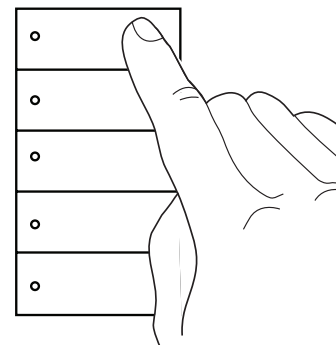
Press and hold the top button on a keypad.

Step 2:



The LEDs will flash when you first press the button.

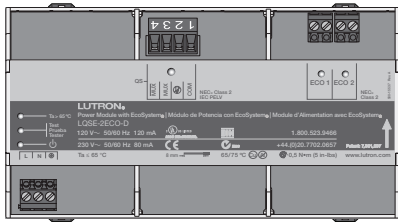
Step 3:



When the keypad LEDs stop flashing you may release the button.

myRoom Testing

ECO/DALI® Module Testing Procedure

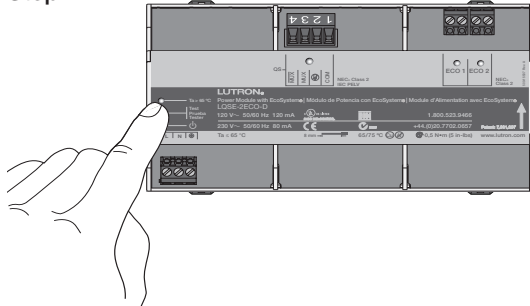


ECO/DALI® Module
LQSE-2ECO-D and LQSE-2DAL-D

Verify ECO/DALI® Loops

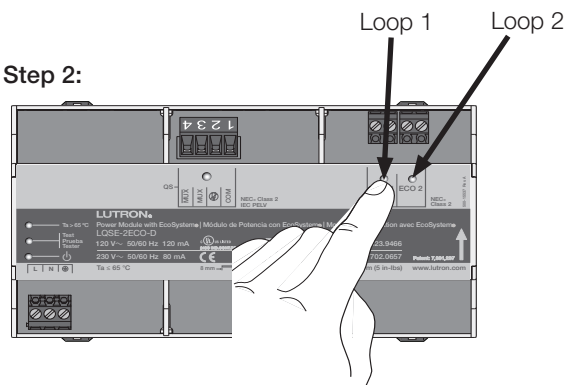
Note: The load control modules must be installed in a panel covering the line voltage before following this procedure.

Step 1:



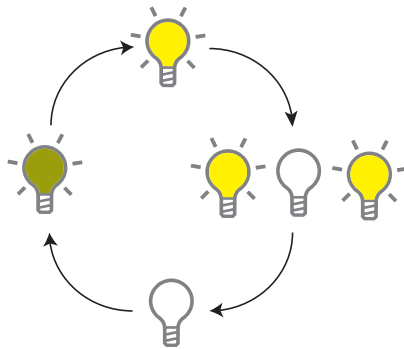
Press and hold Test Button on EcoSystem or DALI® module until the test LED starts flashing.

Step 2:



Press the loop 1 (ECO 1 or DALI 1) or loop 2 (ECO 2 or DALI 2) button.

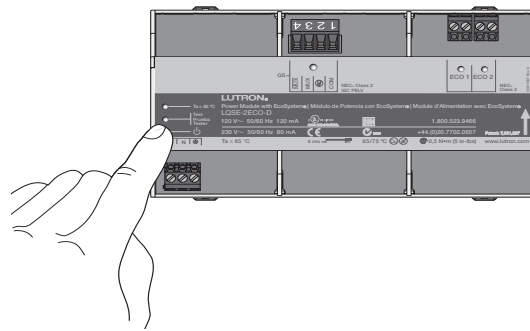
Step 3:



If the loop is correct, each button press cycles the lights connected to that loop between:

- Loop going to low-end
- Loop going to high-end
- Loop flash
- Loop going to off

Step 4:



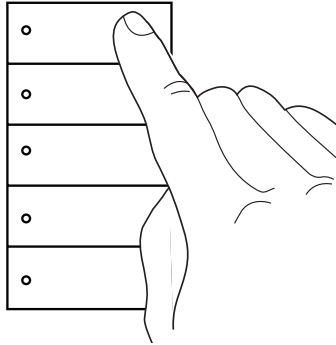
Press and hold Test Button on the Power Module until the test LED stops flashing to exit test mode.

myRoom Testing

ECO/DALI® Module Testing Procedure (con't)

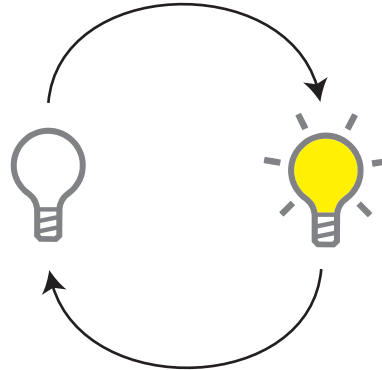
Verify QS Link Wiring

Step 1:



Press the top button on a keypad.

Step 2:



If the communication wiring is correct, all the lights connected to the module will toggle.

myRoom Testing

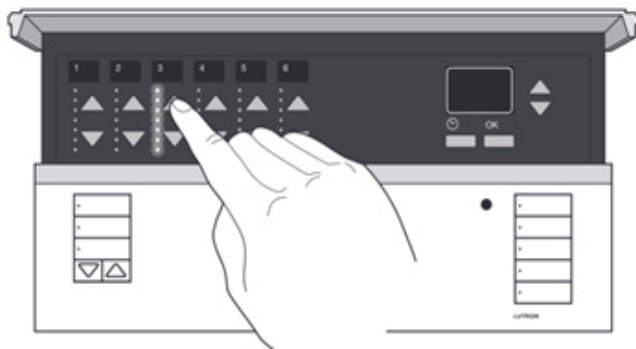
GRAFIK Eye QS Testing Procedure



GRAFIK Eye QS
QSGRx-xP

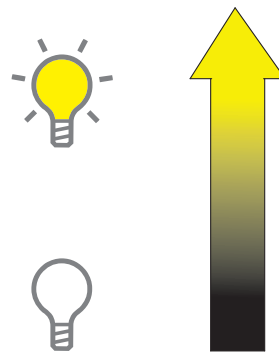
Verify Device Zoning

Step 1:



Press and hold the Raise/Lower buttons for each zone to raise/lower all lights in that zone.

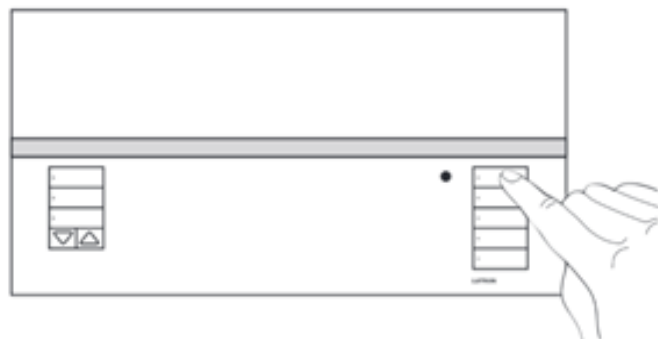
Step 2:



If the module is wired correctly, the correct light in the room will Raise/Lower according to the load schedule.

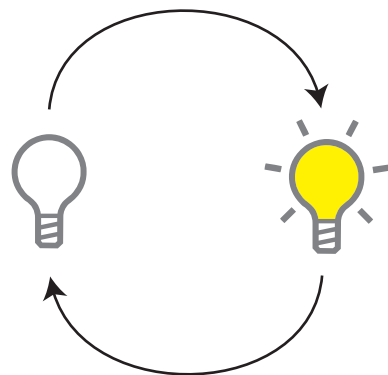
Verify Device Wiring

Step 1:

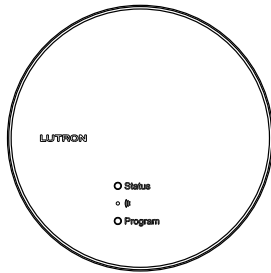


Press the top button on the lights column.

Step 2:



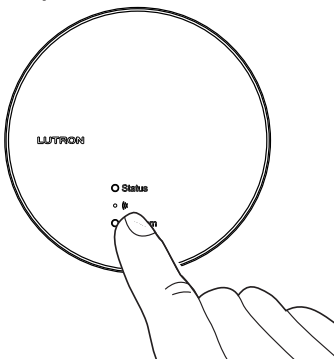
If the communication wiring is correct, all the lights connected to the module will toggle.



QS Sensor Module
QSM

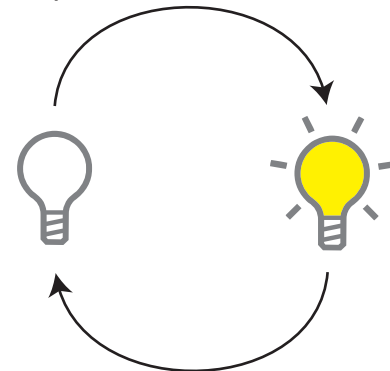
Verify QS Link Wiring - Option 1

Step 1:



Press the "Program" button on the QSM.

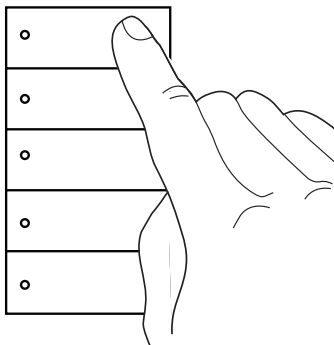
Step 2:



If the communication wiring is correct, the lights in the room will toggle.

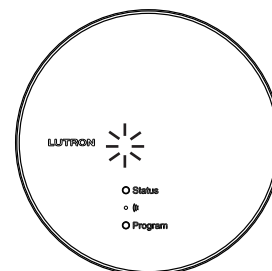
Verify QS Link Wiring - Option 2

Step 1:



Press the top button on a keypad.

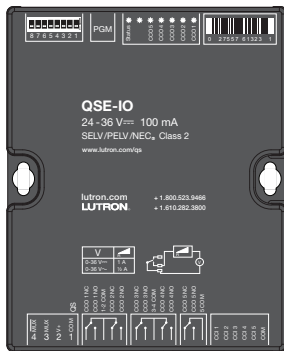
Step 2:



If the QSM is wired correctly, the QSM LED will turn on solid then turn off.

myRoom Testing

QSE-IO Testing Procedure



QSE-IO

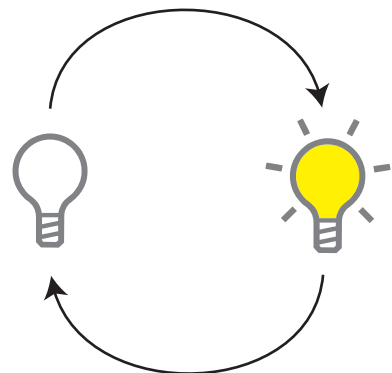
Verify QS Link Wiring

Step 1:



Press the "PGM" button on the QSE-IO.

Step 2:

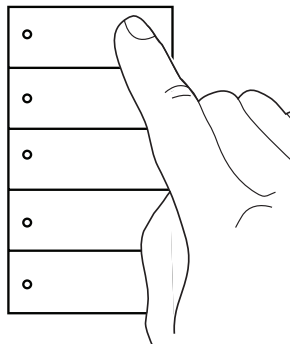


If the communication wiring is correct, the lights in the room will toggle.

Verify Contact Closure Wiring (Enable Shade and Contact Closure Verification Mode)

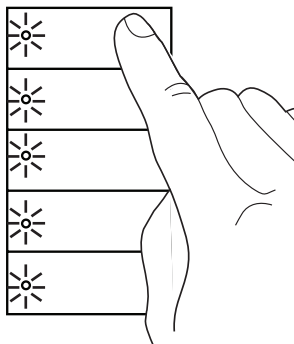
Before entering this mode, be sure all the shades are properly installed, their movement is not obstructed and their limits are properly set.

Step 1:



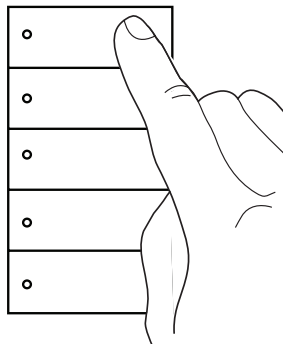
Press and hold the top button on a keypad.

Step 2:



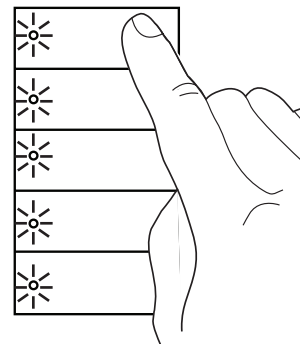
The LEDs will begin flashing for 3 seconds.

Step 3:



Continue to hold the button after the LEDs stop flashing.

Step 4:



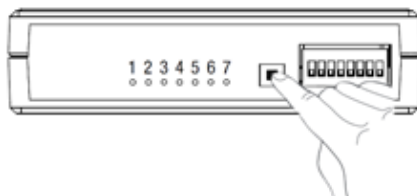
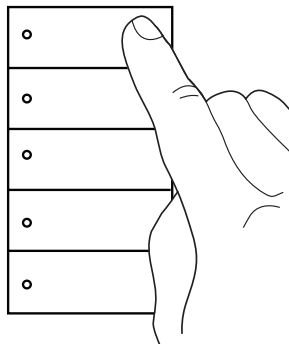
When the keypad LEDs begin flashing a second time, release the button.

myRoom Testing

QSE-IO Testing Procedure (con't)

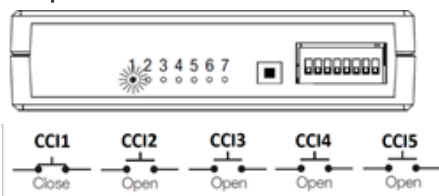
Verify CCO Wiring

Step 1:



Press the top button on a keypad or the “PGM” button on the QSE-IO.

Step 2:

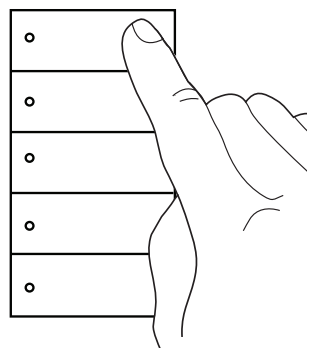


Each button pressed cycles the CCOs between:

- CCO1 Closed, all others Open
- CCO2 Closed, all others Open
- CCO3 Closed, all others Open
- CCO4 Closed, all others Open
- CCO5 Closed, all others Open

Verify CCI Wiring

Step 1:



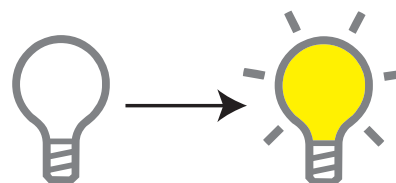
Press the top button on a keypad until the lights turn off.

Step 2:



Perform the action that closes the CCI. For example, to test a door contact, open and close the door.

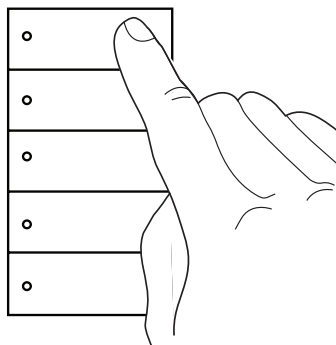
Step 3:



If the communication wiring is correct, the lights in the room will turn on.

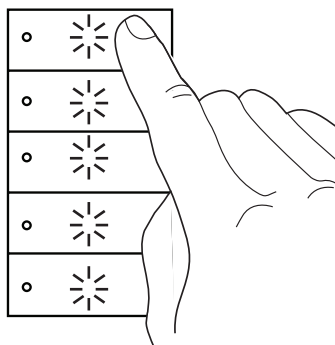
Disable Shade and Contact Closure Verification Mode

Step 1:



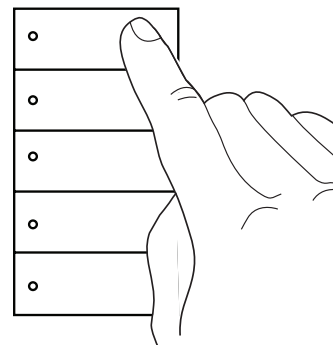
Press and hold the top button on a keypad.

Step 2:



The LEDs will flash.

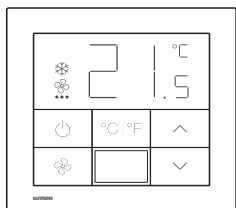
Step 3:



When the keypad LEDs stop flashing, release the button.

myRoom Testing

Palladiom Thermostat Testing Procedure

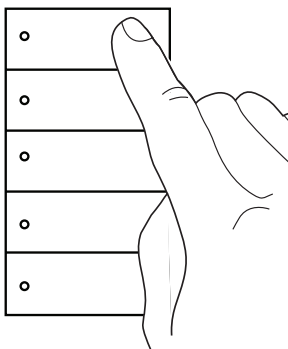


Palladiom Thermostat
MWP-T-OHW-XXX-A

Enable Shade and Contact Closure Verification Mode

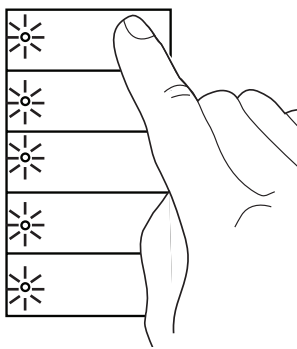
Before entering this mode, be sure all the shades are properly installed, their movement is not obstructed and their limits are properly set.

Step 1:



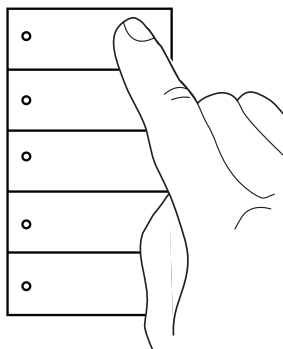
Press and hold the top button on a keypad.

Step 2:



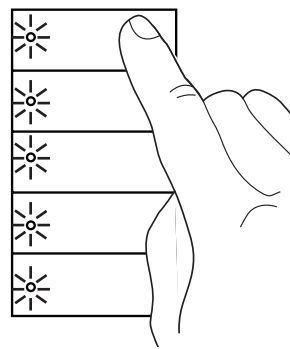
The LEDs will begin flashing for 3 seconds.

Step 3:



Continue to hold the button after the LEDs stop flashing.

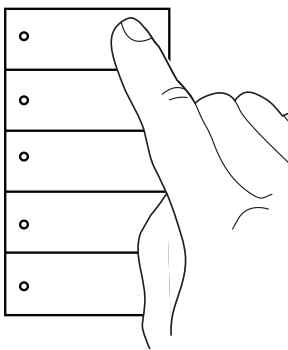
Step 4:



When the keypad LEDs begin flashing a second time, release the button.

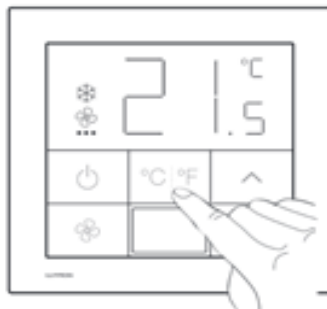
Verify QS Link Wiring

Step 1:



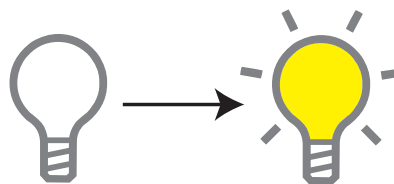
Press the top button on a keypad until the lights turn off.

Step 2:



Press the °C/°F button on the thermostat.

Step 3:



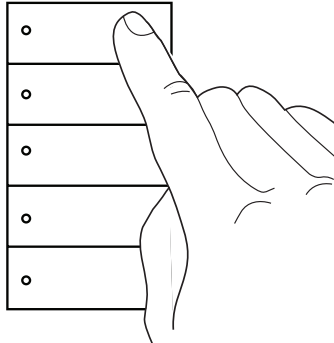
If the communication wiring is correct, the lights in the room will turn on.

myRoom Testing

Palladiom Thermostat Testing Procedure (con't)

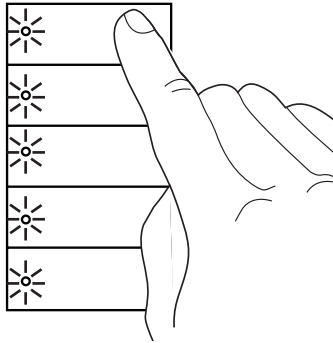
Disable Shade and Contact Closure Verification Mode

Step 1:



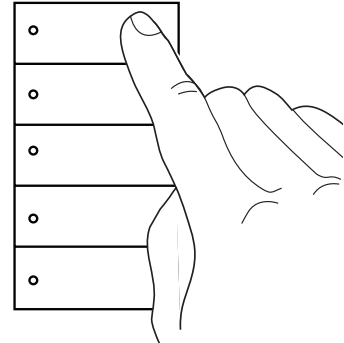
Press and hold the top button on a keypad.

Step 2:



The LEDs will begin flashing.

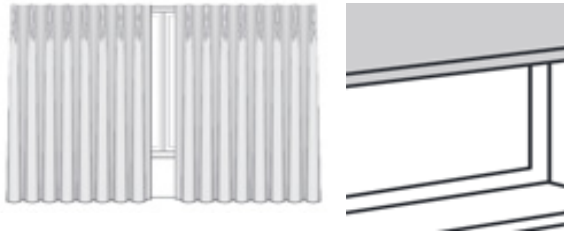
Step 3:



When the keypad LEDs stop flashing, release the button.

myRoom Testing

Lutron Shade/Drape Testing Procedure



Verify Shade Operation

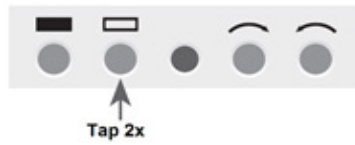
Before verifying shades, be sure your shades are properly installed and their movement is not obstructed.

Step 1:



Tap the closed limit button twice and verify that the shade is sent to the closed limit.

Step 2:

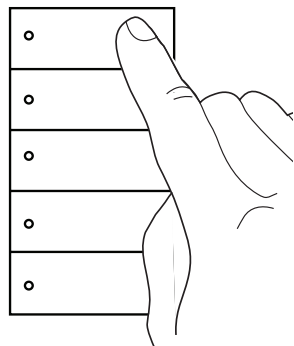


Tap the open limit button twice and verify that the shade is sent to the open limit.

Enable Shade and Contact Closure Verification Mode

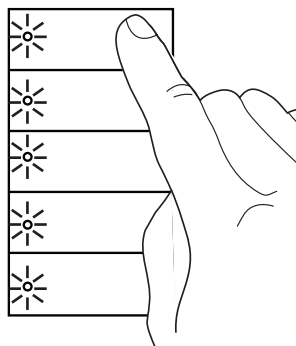
Before entering this mode, be sure all your shades are properly installed, their movement is not obstructed and their limits are properly set.

Step 1:



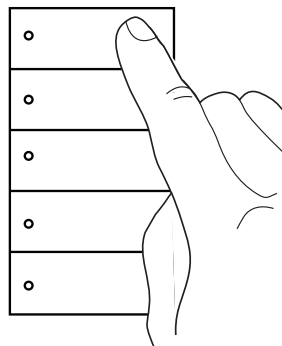
Press and hold the top button on a keypad.

Step 2:



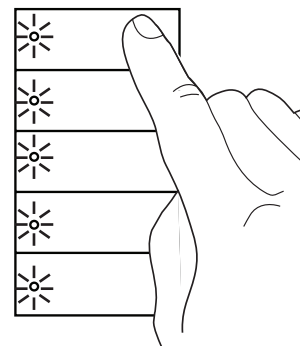
The LEDs will begin flashing for 3 seconds.

Step 3:



Continue to hold the button after the LEDs stop flashing.

Step 4:



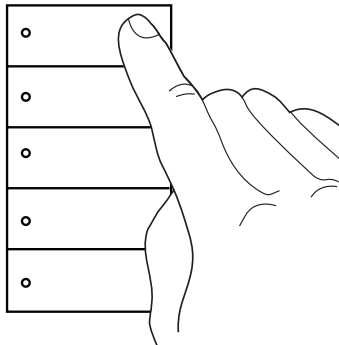
When the keypad LEDs begin flashing a second time, release the button.

myRoom Testing

Lutron Shade/Drape Testing Procedure (con't)

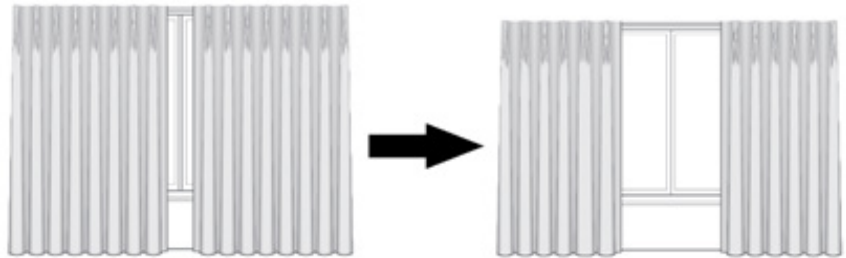
Verify QS Link Wiring

Step 1:



Press the top button on a keypad.

Step 2:

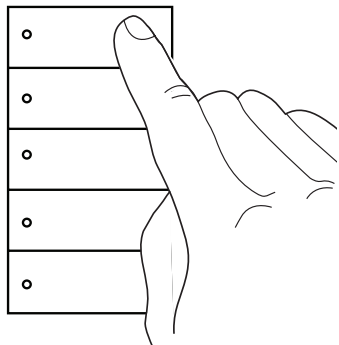


Each button pressed will cycle the shades between:

- Open
- 75%
- 50%
- 25%
- Closed

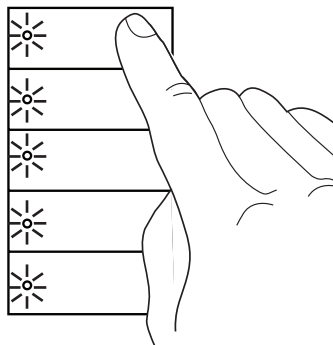
Disable Shade and Contact Closure Verification Mode

Step 1:



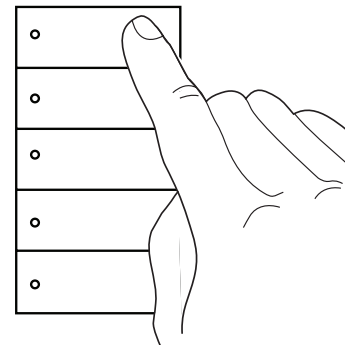
Press and hold the top button on a keypad.

Step 2:



The LEDs will begin flashing.

Step 3:



When the keypad LEDs stop flashing, release the button.

myRoom Testing

AC Shade/Drape Testing Procedure



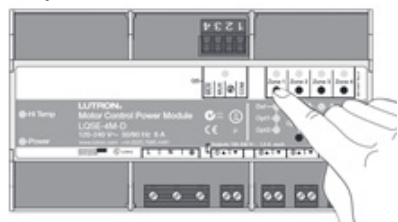
AC Motor Controller
LQSE-4M-D

Verify Shade Operation

Note: Before verifying shades, be sure your shades are properly installed and their movement is not obstructed.

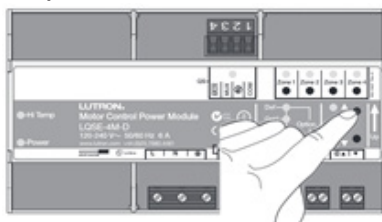
Note: The load control modules must be installed in a panel covering the line voltage before following this procedure.

Step 1:



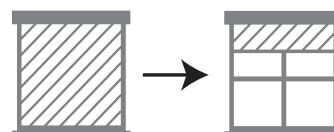
Press and a zone button on the AC motor controller to select a zone.

Step 2:



Press the raise and lower buttons.

Step 3:

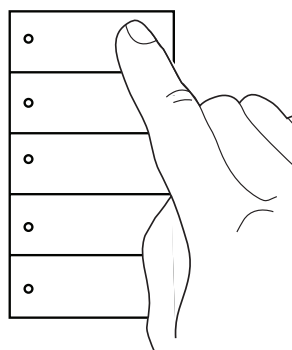


If the shade wiring is correct, the shades will raise and lower as you press the raise/lower buttons.

Enable Shade and Contact Closure Verification Mode

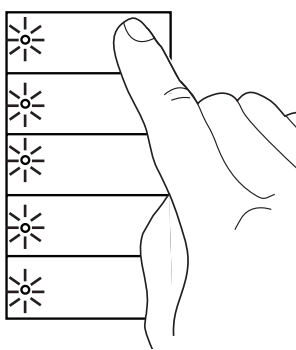
Before entering this mode, be sure all your shades are properly installed, their movement is not obstructed and their limits are properly set.

Step 1:



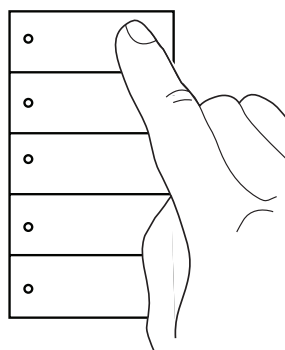
Press and hold the top button on a keypad.

Step 2:



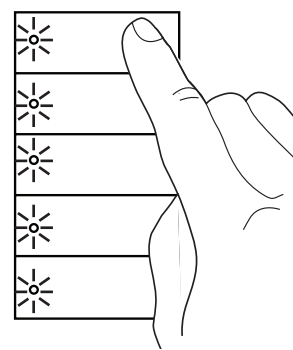
The LEDs will begin flashing.

Step 3:



Continue to hold the button after the LEDs stop flashing.

Step 4:



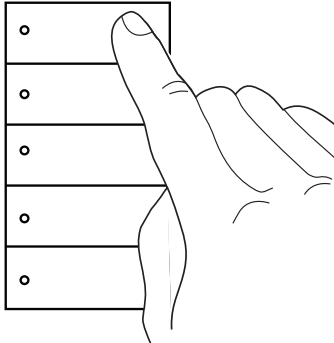
When the keypad LEDs begin flashing a second time, release the button.

myRoom Testing

AC Shade/Drape Testing Procedure (con't)

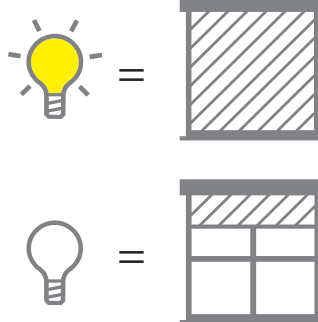
Verify QS Link Wiring

Step 1:



Press the top button on a keypad.

Step 2:

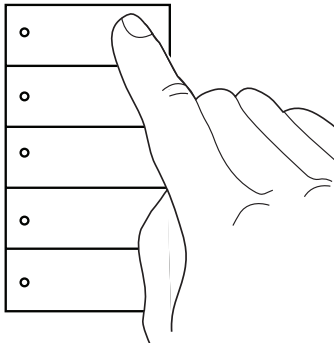


As long as the lights in the room are on, the shades will be closed. When the lights in the room are off, the shades will open.

English

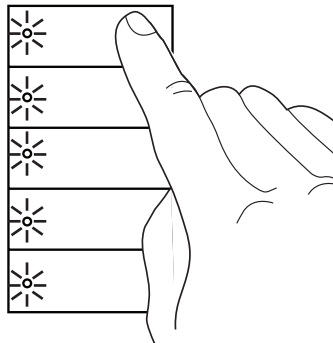
Disable Shade and Contact Closure Verification Mode

Step 1:



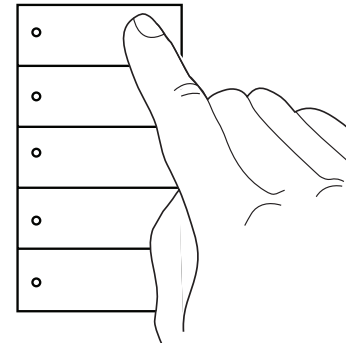
Press and hold the top button on a keypad.

Step 2:



The LEDs will begin flashing.

Step 3:



When the keypad LEDs stop flashing, release the button.

myRoom Testing

Pre-Startup Checklist

This checklist is to be completed after all Lutron equipment is fully installed per the installation instructions and prior to scheduling the startup of the Lutron system. A completed copy must be provided to the Lutron service representative. Wiring changes, corrections, or wiring re-verification that delay the startup process, such that additional time is required for Lutron to complete the startup, will result in additional charges.

AREA TESTED:				GCU-HOSP SERIAL NUMBER:		
FOREMAN:						
#	Verify Device Wiring	Test	Check	Device Confirmed	Initials	Date
	<i>Example Device</i>	<i>Example Test</i>	<i>Example Check</i>	<i>4 of 4</i>	<i>CMY</i>	<i>04/20/18</i>
1	Keypads	Press a keypad button	Keypad LEDs flash	of		
2	Phase adaptive modules	Press a keypad button	Lights toggle	of		
3	Switching modules	Press a keypad button	Lights toggle	of		
4	QSMs	Press a keypad button	QSM LED turns solid	of		
5	QSE-IOs	Press a button on the IO	Lights toggle	of		
6	ECO/DALI® modules	Press a keypad button	Lights toggle	of		
7	GRAFIK Eye QS units	Press a keypad button	Lights toggle	of		
8	DMX controllers	Press a keypad button	Channel 1 toggles	of		
9	Palladiom thermostats*	Press the C/F button	Lights are controlled	of		
10	Lutron shades and drapes*	Press a keypad button	Shades move	of		
11	AC shades/drapes	Press a keypad button	Shades move	of		
#	Verify Device Zoning	Test	Check		Initials	Date
1	Phase adaptive modules	Press a zone button	Zone toggles	of		
2	Switching modules	Press a zone button	Zone toggles	of		
3	ECO/DALI® modules	Press Test/Loop buttons	Lights on loop toggle	of		
4	GRAFIK Eye QS units	Press a zone Raise/Lower	Zone is controlled	of		
#	Verify CCOs	Test	Check		Initials	Date
1	Switching modules*	Press a keypad button	CCO is controlled	of		
2	QSE-IOs*	Press a keypad button	CCO is controlled	of		
#	Verify CCIs	Test	Check		Initials	Date
1	Switching Modules*	Close CCI	Lights are controlled	of		
2	QSE-IOs*	Close CCI	Lights are controlled	of		

* Test requires enabling advanced mode.

Contact Information

Internet: www.lutron.com/support

E-mail: support@lutron.com

World Headquarters:

USA

Lutron Electronics Co., Inc.

7200 Suter Road

Coopersburg, PA 18036-1299

Customer Assistance:

1.844.LUTRON1 (1.844.588.7661)

FAX +1.610.282.1243

Customer Assistance:

USA, Canada, Caribbean:

1.844.LUTRON1 (1.844.588.7661)

Mexico: +1.888.235.2910

Central/South America: +1.610.282.6701

Europe: +44.(0)20.7680.4481

China: 86.21.61650990

English

☀️ Lutron, Lutron, Alena, Architrave, EcoSystem, GRAFIK Eye, myRoom, Palladiom, Pico, seeTouch, and Signature Series, are trademarks or registered trademarks of Lutron Electronics Co., Inc., in the U.S. and other countries.



©2015-2019 Lutron Electronics Co., Inc.
032483 Rev. B 04/2019