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# myRoom prime

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## **Out-of-Box Functionality Guide**

A myRoom Prime system features out-of-box functionality that allows basic control of the system prior to startup. This functionality also allows for system wiring verification prior to the Lutron field service startup visit. Verification prior to startup allows quicker commissioning and prevents back charges resulting from wiring issues that cause delays in the process. The following testing procedure will guide you through verification of the wiring.

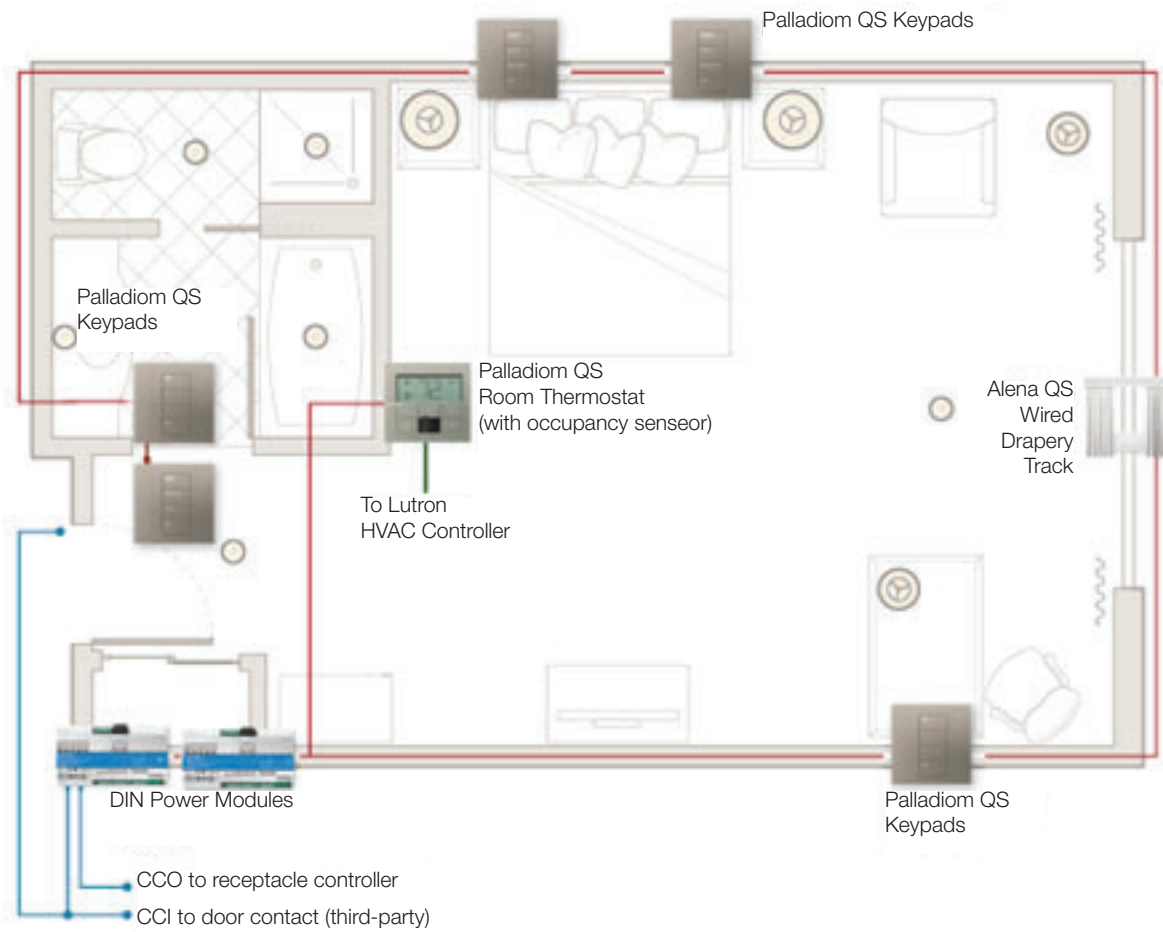


If you have any questions, Lutron Customer Assistance is ready to help 24 hours a day, 7 days a week. Call us at 1.844.LUTRON1 (1.844.588.7661) for immediate assistance. For Installation Guides, Setup Tools, or more information concerning your system, please visit [www.lutron.com](http://www.lutron.com)

# Overview

## Out-of-Box/Basic Operation

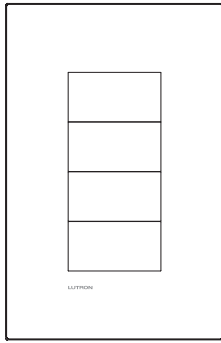
The basic out-of-box operation allows anyone using the room to turn the lights in the room ON and OFF. Lights<sup>1</sup> can be controlled via Palladiom keypads, QS sensor module or from any DIN power modules as described below. To complete wiring verification, complete each section which corresponds to the devices on your job.



<sup>1</sup> Only lights connected to QS wired load controllers, such as MQSE modules, will be controlled out of the box

# myRoom Testing

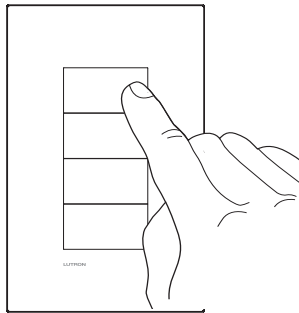
## myRoom Palladiom Keypad Testing Procedure



**Palladiom**  
MWP-x-xxx

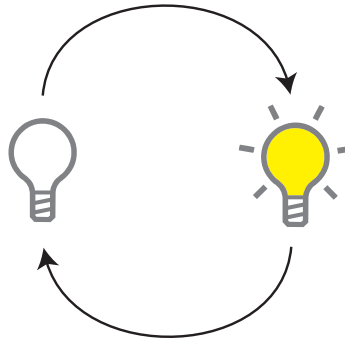
### Verify QS Link Wiring

#### Step 1:



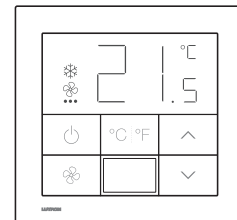
If the lights are OFF, press the top button on the keypad.

#### Step 2:



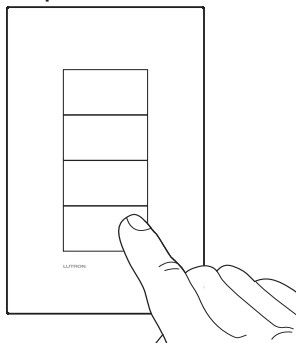
If the keypad is wired correctly to the lighting control modules, the lights will turn ON.

#### Step 3:



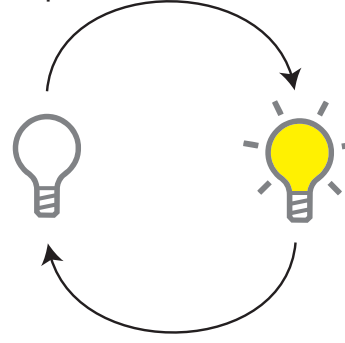
If the wiring to the Palladiom Thermostat(s) is correct, it will flash the back lights for 5 seconds.

#### Step 4:



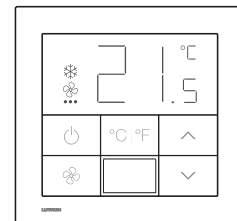
Press the bottom button on the keypad.<sup>1</sup>

#### Step 5:



If the keypad is wired correctly to the lighting control modules, the lights will turn OFF.

#### Step 6:

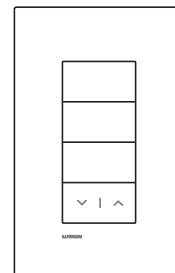


If the wiring to the Palladiom Thermostat(s) is correct, it will flash the back lights for 5 seconds.

#### Step 7:

Repeat for each Palladiom keypad on the link.

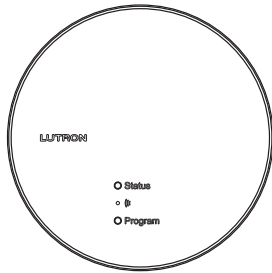
#### Figure 1



<sup>1</sup> If the keypad has 3 buttons and a raise and a lower (as shown in Figure 1), none of the buttons will turn the loads off. To test communication between modules and a 3BRL keypad, the loads need to be turned OFF from a different keypad, QSM or DIN power module and then turned ON using the 3BRL keypad. Alternatively, if load controllers are dimming and have been set-up manually, as described in the installation guide, the lamps will change light levels by pressing the lowest button.

# myRoom Testing

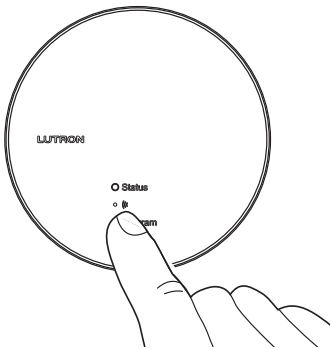
## myRoom Prime QSM Testing Procedure



QS Sensor Module  
QSM

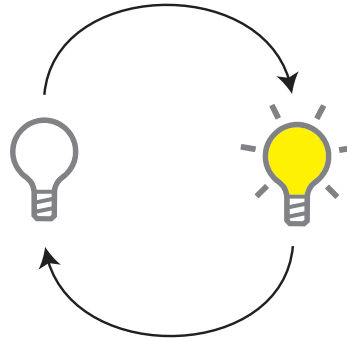
### Verify System Communication

#### Step 1:



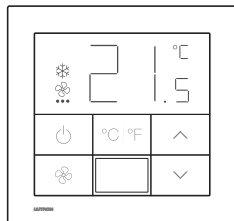
Press the program button on the QSM.

#### Step 2:



If the communication wiring is correct to the DIN Power modules, the lights in the room will toggle between turning on and off with each button press. A second press may be required before lights start to toggle.

#### Step 3:



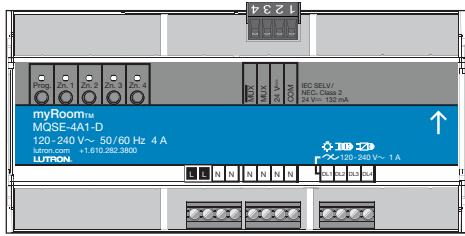
If the wiring to the Palladiom Thermostat(s) is correct, it will flash the back lights for 5 seconds.

#### Step 4:

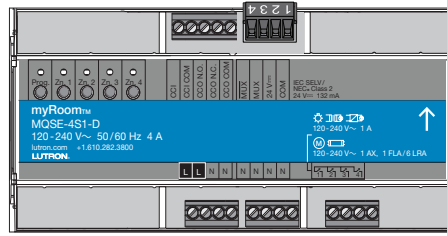
Repeat for each QSM on the link.

# myRoom Testing

## myRoom Phase Adaptive and Switching Module Testing Procedure



**Phase Adaptive Module**  
MQSE-xA1-D

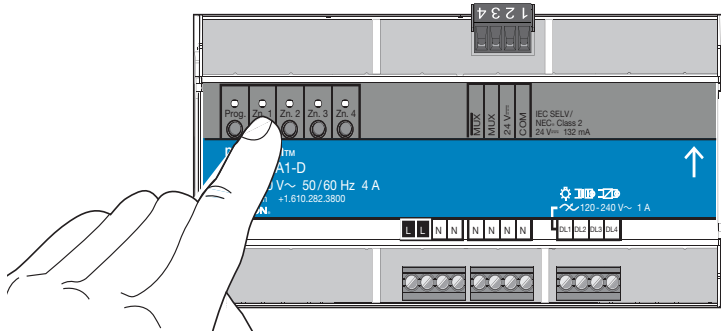


**Switching Module**  
MQSE-xS1-D

### Verify Device Load Wiring

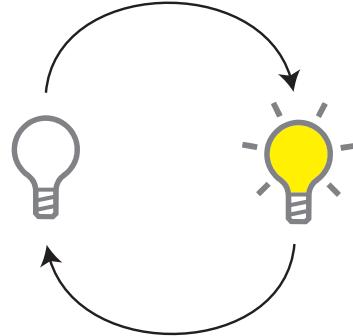
**Note:** The load control modules must be installed in a panel covering the line voltage before following this procedure.

**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 output is on.

**Step 2:**



If the module zone is wired correctly, the correct light in the room will be toggled according to the load schedule.

**Step 3:**

Repeat for each zone on each module to verify the load output wiring.

# myRoom Testing

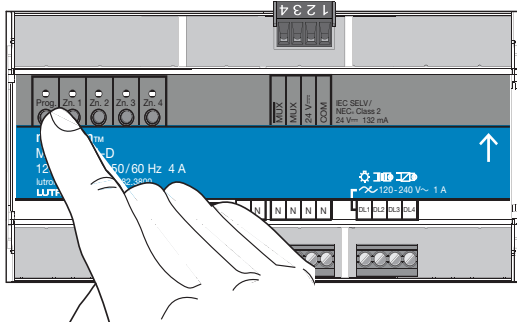
## myRoom Phase Adaptive and Switching Module Testing Procedure (con't)

### Verify QS Link Wiring

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

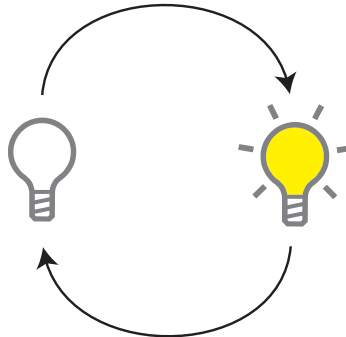
**Note:** This step verifies the system wiring between the DIN power modules and other system components, not including the Palladiom Keypads. Verification of wiring to the Palladiom Keypads is checked during step 1.

#### Step 1:



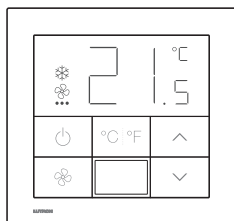
Press the 'Prog' button on a module.

#### Step 2:



If the communication wiring is correct, all the outputs on the DIN power modules will toggle between turning on and off with each button press. It may require a second press before lights begin to toggle.

#### Step 3:



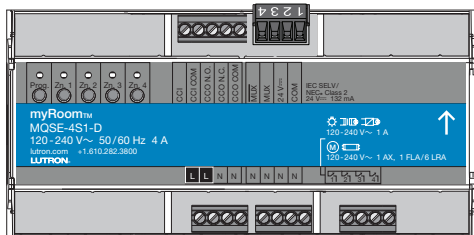
If the wiring to the Palladiom Thermostat(s) is correct, it will flash the back lights for 5 seconds.

#### Step 4:

Repeat for each DIN power module on the link.

# myRoom Testing

## myRoom Switching Module CCO/CCI Testing Procedure



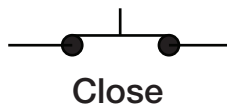
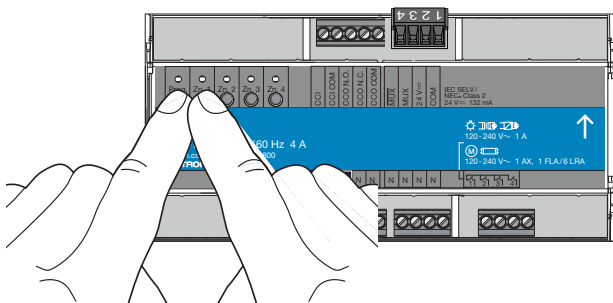
### Switching Module MQSE-xS1-D

**Note:** CCO = contact closure output  
CCI = contact closure input

## Verify CCO Wiring

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

### Step 1:



### Step 1:

Press the 'Prog' and 'Zn.1' button together. Verify 'Prog' and 'Zn.1' LEDs flutter for 1 second after pressing them together. This will cause the normally-open CCO to close.

### Step 2:

Confirm state of 3<sup>rd</sup> party equipment attached to CCO. For example, if using the CCO to control the multifunctional input X1, X2 on a Lutron 230 V~ Thermostat (LR-HVAC-230-S), the device should enter Economy mode as indicated by turning on the ☰ symbol on the display. Please note that each different 3<sup>rd</sup> party device may have additional set-up instructions to achieve the desired functionality. This set-up is not covered by this guide.

### Step 3:

Press the 'Prog' and 'Zn.2' buttons together. Verify 'prog' and 'Zn.2' LEDs flutter for 1 second after pressing them together. This will cause the normally-open CCO to open.



### Step 4:

Confirm the state of 3<sup>rd</sup> party device connected to CCO. For example, if using the CCO to control the multifunctional input X1, X2 on a Lutron 230 V~ Thermostat (LR-HVAC-230-S), the device should exit Economy mode as indicated by the appearance of the ☀ symbol. Please note that each different 3<sup>rd</sup> party device may have additional set-up instructions to achieve the desired functionality. This set-up is not covered by this guide.



# myRoom Testing

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## myRoom Switching Module CCO/ CCI Testing Procedure

(con't)

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### Verify CCI Wiring

**Step 1:**

Confirm you have access to the switching module (MQSE-xS1-D) connected to the door contact to be tested.

**Step 2:**



Open the door contact to be tested. Remember to check whether your door contact is normally open or normally closed.

**Step 3:**

The 'Prog' LED on the MQSE-xS1-D will give 3-blink-pause-3-blink-pause feedback for 15 seconds.

**Step 4:**



Close the door contact.

**Step 5:**

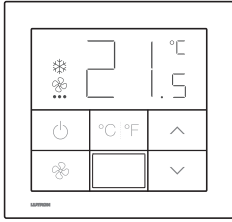
The 'Prog' LED on the MQSE-xS1-D will give 2-blink-pause-2-blink-pause feedback for 15 seconds.

# myRoom Testing

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## myRoom Palladiom Thermostat Testing Procedure

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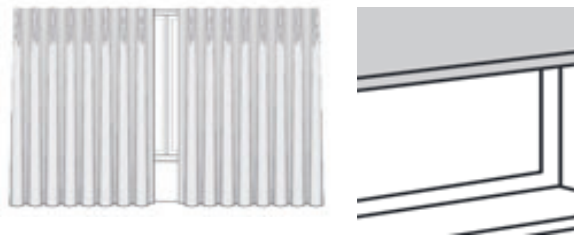


**Palladiom Thermostat**  
MWP-T-OHW-XXX-A

See section 1, 2 and 3 for information about validating communication between a Palladiom Thermostat and Palladiom Keypads, DIN power modules and QSMs.

# myRoom Testing

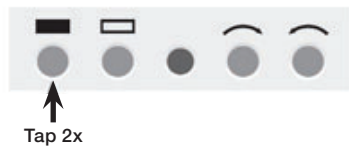
## myRoom Lutron Shade/Drape Testing Procedure



### Verify Shade Operation

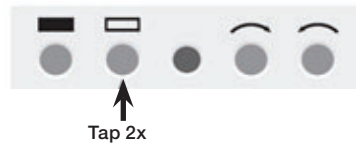
Before verifying shades, confirm they are properly installed and their movement is not obstructed.

#### Step 1:



Verify the shades are properly mounted and have no obstructions, then double-tap the closed limit button twice and verify that the shade is sent to the closed limit.

#### Step 2:



Double-tap the open limit button twice and verify that the shade is sent to the open limit.

**Note:** If either limit is not set correctly, please see the individual product installation guide for re-setting these limits.

# myRoom Testing

## myRoom Prime Wiring Verification Summary Matrix

Input Device	Button or Action	Output Devices		
		DIN power module	Palladiom Thermostat	Wired QS shades
<b>Palladiom Keypad (page 4)</b>	Top button	All loads turn ON	Back lights flash for 5 seconds	–
	Bottom button <sup>1</sup>	All loads turn OFF	Back lights flash for 5 seconds	–
<b>QSM (page 5)</b>	'Program'	All loads toggle ON or OFF	Back lights flash for 5 seconds	–
<b>myRoom DIN Power Module Testing (Phase Adaptive and Switching) (pages 6-9)</b>	'Prog'	DIN power modules will toggle lights ON or OFF	Back lights flash for 5 seconds	–
	'Zn.#'	Respective zone toggles ON or OFF	–	–
	'Prog' + 'Zn.1'	CCO closes <sup>2</sup>	–	–
	'Prog' + 'Zn.2'	CCO opens <sup>2</sup>	–	–
<b>Door Contact (page 9)</b>	Open switch	'Prog' LED = 3-blink pause for 15 seconds	–	–
	Close switch	'Prog' LED = 2-blink pause for 15 seconds	–	–
<b>Wired QS Shades / Drapes (page 11)</b>	Close limit	–	–	Go to closed limit
	Open limit	–	–	Go to open limit

– No response expected.

<sup>1</sup> Does not work for a 3BRL.

<sup>2</sup> Only applies to myRoom switching modules (MQSE-xS1-D).

## Restoring Factory Defaults

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If the functionality described throughout the document isn't observed, you may need to restore your unit to its factory default state. Restoring the factory default should be completed on each of the Palladiom keypads, Palladiom Thermostat, DIN power modules and QSMs. It is important to note that any associations or programming previously set up with the unit will be lost and will require re-programming.

To restore the factory defaults on DIN power modules or a QSM, use the following sequence:

- Step 1:** Triple-tap the 'Prog' button on the device and hold it down until the LEDs begin to flash slowly.
- Step 2:** After the LEDs begin flashing slowly, release the button and triple-tap the button again.
- Step 3:** The LEDs will flash rapidly indicating the unit has been reset to the factory defaults.

To restore the factory defaults on Palladiom Keypads, use the following sequence.

- Step 1:** Triple-tap any button, except raise or lower, on the device and hold it down until the LEDs begin to flash slowly.
- Step 2:** After the LEDs begin flashing slowly, release the button and triple-tap the button again.
- Step 3:** The LEDs will flash rapidly indicating the unit has been reset to the factory defaults.

To restore the factory defaults on Palladiom Thermostat, use the following sequence.

- Step 1:** Triple-tap the power button (⏻) on the device and hold it down until the LEDs begin to flash slowly.
- Step 2:** After the LEDs begin flashing slowly, release the button and triple-tap the button again.
- Step 3:** The LEDs will flash rapidly indicating the unit has been reset to the factory defaults.

# 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:		
FORMAN:						
#	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	Switch 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

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