

Code-Smart Guestroom System

The Code-Smart Guestroom System is a simple solution that supports a new or existing hotel property in meeting major energy code requirements. Simple and easy design, with an unobtrusive solution for the property and guest, makes this a great solution for properties three stars and up.

Features

- 120 V~ operation
- Simple energized/ de-energized automation of line voltage switches and receptacles in separate scope, by Lutron or others
- System includes:
(See the individual product documentation for specific product ratings)
 - (1) LUT-8X8-ENC: Enclosure with DIN rail
 - (1) MQSE-2S1-D: Central control module
 - (1) QSM2-XW-C: QS sensor module
 - (2) LRF2-OCR2B-P-WH: Occupancy sensor
 - (1 or 2) Power packs
 - (1) PP-DV to control lighting circuits
 - (1) CU300HD-CPN6814* to control receptacle circuits (CCGS-NA-2 only)
- Required components not supplied by Lutron
 - (1) Magnetic normally-open door contact
- Optional components not supplied by Lutron
 - (1) Third-party thermostat with contact closure setback input (must support normally closed N.C. configuration)¹
- Guest Presence Detection timeout is 15 minutes and 30 seconds

* See page 2 for specifications

Models Available:

CCGS-NA-X*

*Available:

1= Has 1 PP-DV for relay lighting control

2= Has 1 CU300HD-CPN6814 relay for receptacle control and 1 PP-DV relay for lighting controls

¹ This option allows for Lutron to enable thermostat setback if required by code

Job Name: Job Number:	Model Numbers:
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Specifications (CU300HD-CPN6814)

Regulatory Approvals

- UL®/cUL 916 Listed for Energy Management
- CEC Title 24 Compliant
- ASHRAE 90.1 Compliant
- UL2043 plenum rated per NEC® 2014 300.22(C)(3)

Power

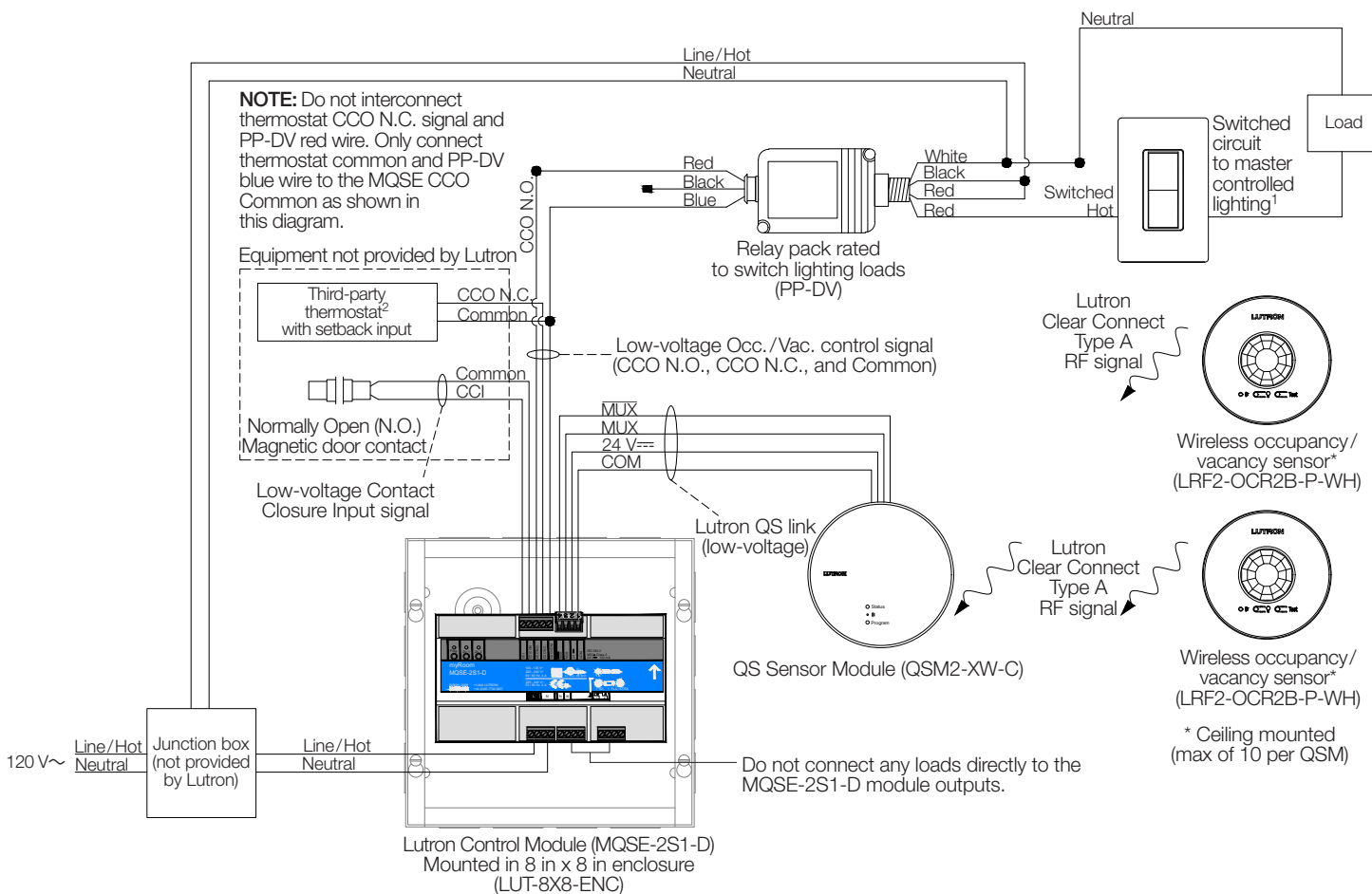
- 120 V~ 50/60 Hz
- 20 A 1 HP at 120 V~
- Power output: 24 V== 250 mA

Environment

- -40 °F to 149 °F (-40 °C to 65 °C)
- Relative humidity: less than 90% non-condensing
- For indoor use only

Job Name: Job Number:	Model Numbers:
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Wiring Diagram for CCGS-NA-1



NOTE: The door contact must be a Normally Open (N.O.) type for proper operation. Normally open door contact means when the entrance door is open, the contact is open.

¹ Recommended Lutron switches and dimmers:

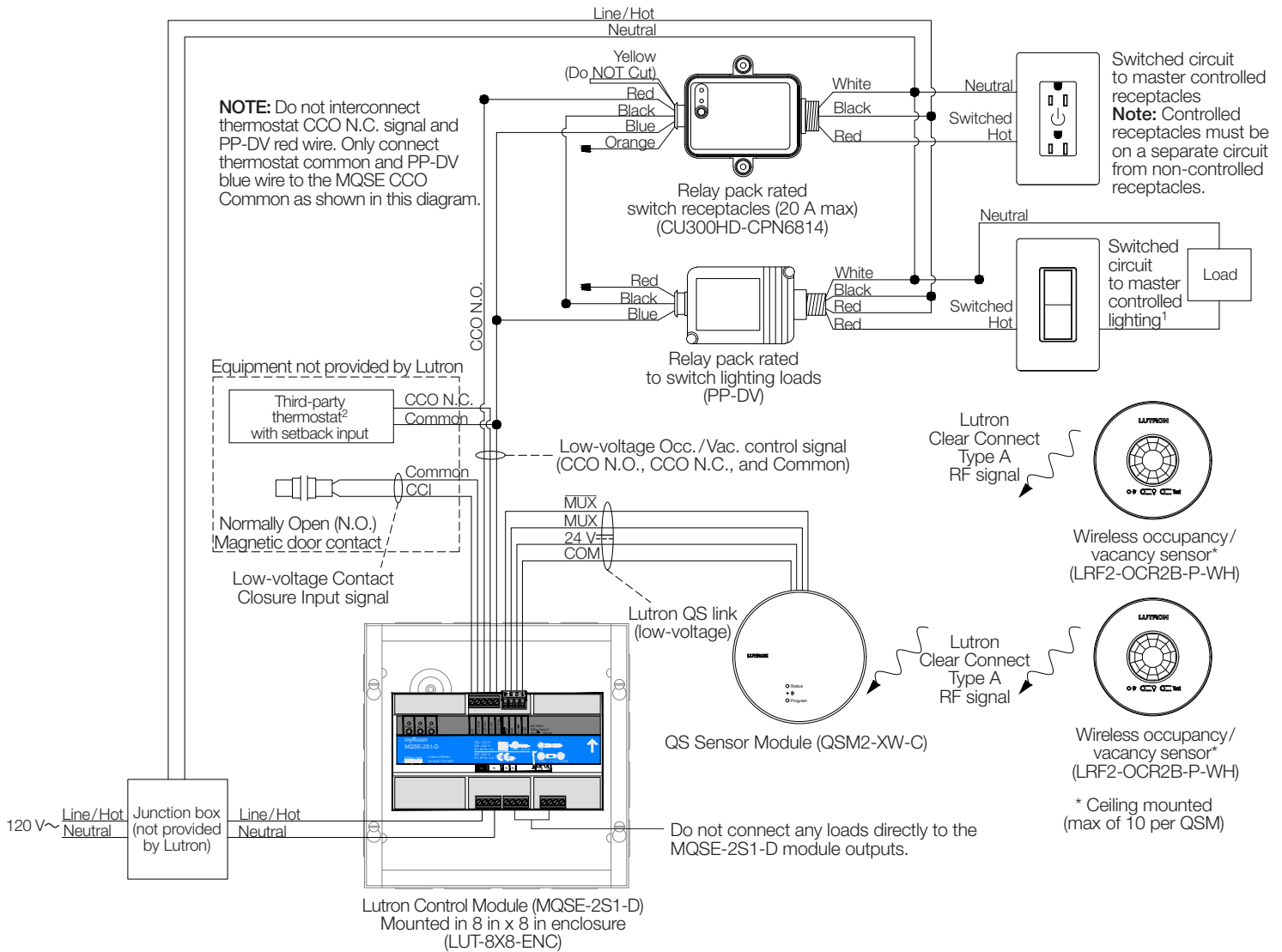
- Diva
- Skylark
- Ariadni

² Third-party thermostat must support Normally Closed (N.C.) configuration for its CCI input

NOTE: Digital switches and dimmers should not be used.

Job Name:	Model Numbers:
Job Number:	

Wiring Diagram for CCGS-NA-2



NOTE: The door contact must be a Normally Open (N.O.) type for proper operation. Normally open door contact means when the entrance door is open, the contact is open.

¹ Recommended Lutron switches and dimmers:

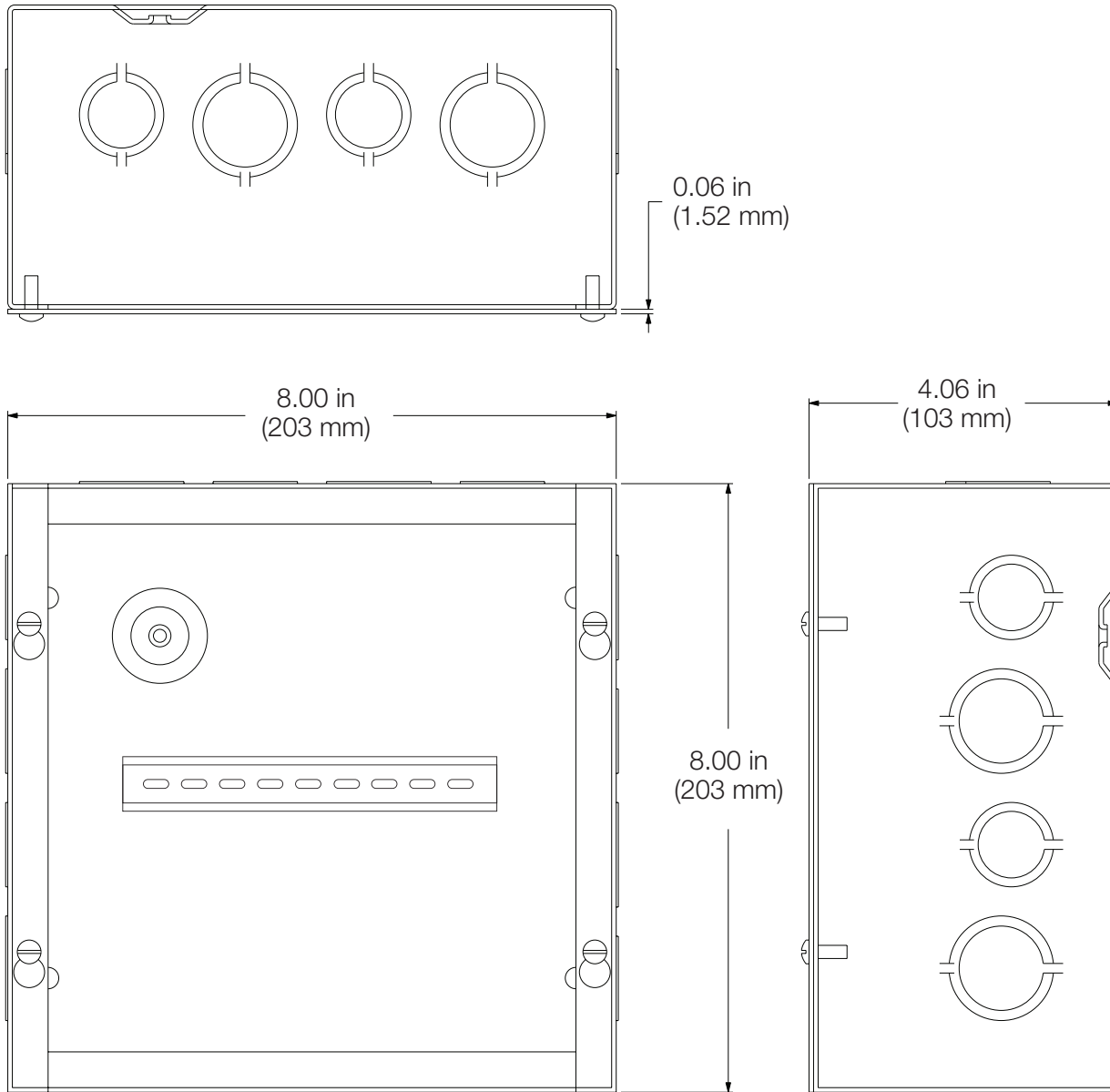
- Diva
- Skylark
- Ariadni

² Third-party thermostat must support Normally Closed (N.C.) configuration for its CCI input

NOTE: Digital switches and dimmers should not be used.

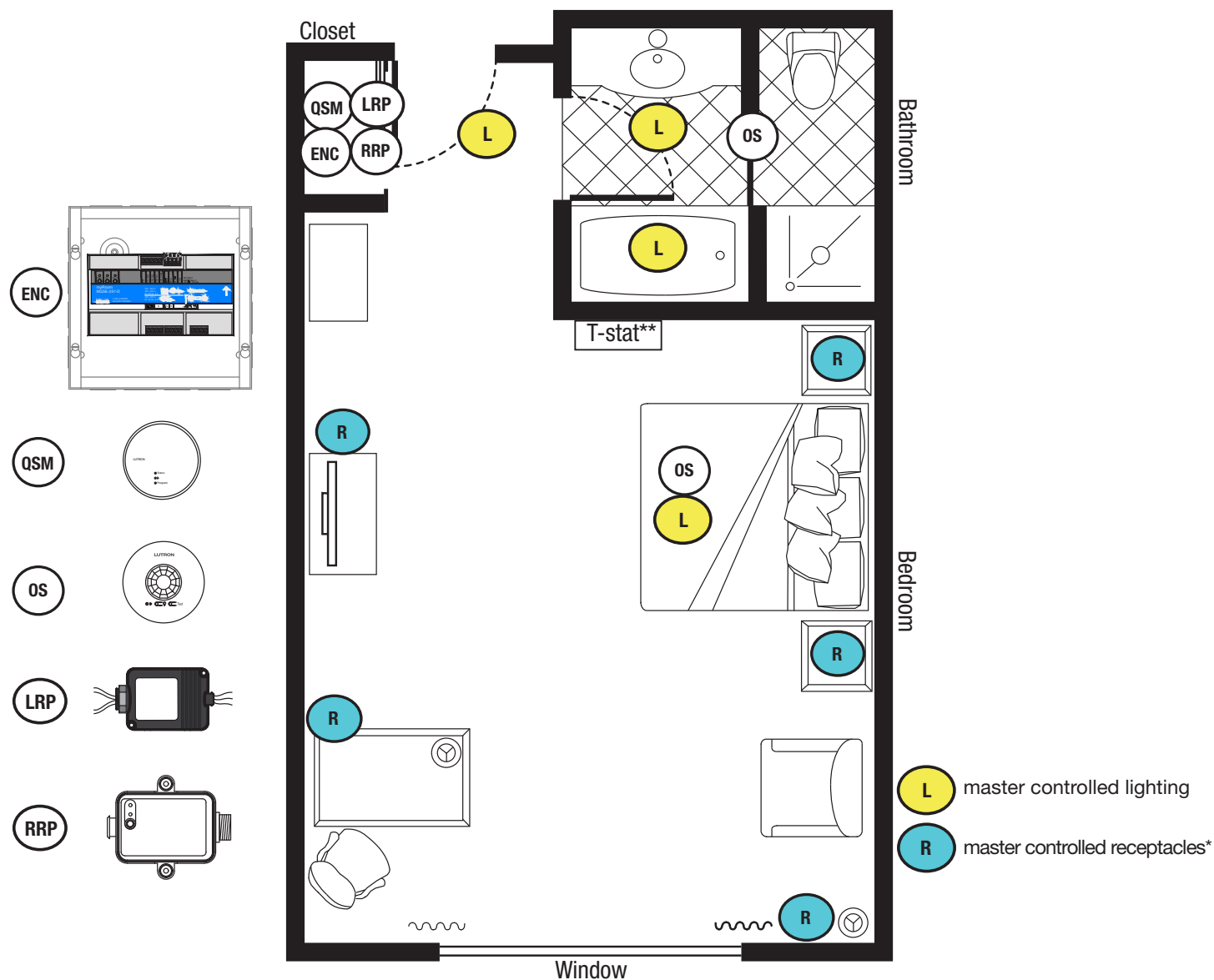
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Job Name:	Model Numbers:	
Job Number:		

Mechanical Dimensions for LUT-8X8-ENC



Job Name:	Model Numbers:
Job Number:	

Sample Guestroom Layout



Sequence of Operations (SOO):

	Occupied	Unoccupied
Lights	Energized	De-energized
Receptacles*	Energized	De-energized
Temperature	Comfort Mode	Setback

* CCGS-NA-2 only

** If thermostat CCI is not rated for 24 V_{AC} : Use an external relay with a 24 V_{AC} coil and relay output rating for thermostat contact closure input.

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