

## Programming the Lutron myRoom Solution for Title 24 Part 6 Compliance

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This application note is intended to address questions about the 2016 edition of the California Title 24 Part 6 Building Energy Standard and how it applies to the Lutron myRoom system, specifically on the programming of guest room minimum and maximum setpoints and temperature setbacks when the hotel guest room is in an unoccupied state.

### Requirements

The applicable sections of the standard are the following:

- Section 120.2(c)1B - Have setpoint stops, which are accessible only to authorized personnel, such that guest room occupants cannot adjust the setpoint more than  $\pm 5$  °F ( $\pm 3$  °C)
- Section 120.2(e)4 - Hotel and motel guest rooms shall have captive card key controls, occupancy sensing controls, or automatic controls such that, no longer than 30 minutes after the guest room has been vacated, setpoints are setup at least +5 °F (+3 °C) in cooling mode and set-down at least -5 °F (-3 °C) in heating mode.

### Programming Requirements

Programming a Lutron myRoom system to be compliant with these provisions involves the following steps:

1. The temperature range between the minimum and maximum guest selectable setpoints for the Palladiom thermostat must be  $\pm 5$  °F ( $\pm 3$  °C).
  - a. For example, for a hotel default setpoint of 70 °F (21 °C), the minimum allowable setpoint should be 65 °F (18 °C), and the maximum allowable setpoint should be 75 °F (24 °C).
2. The timeout for the Guest Presence Detection algorithm should be set to no more than 30 minutes.
3. The drift settings during an unoccupied state should be set to at least  $\pm 5$  °F ( $\pm 3$  °C).

### Conclusion

For more information regarding Lutron myRoom solutions, visit [www.lutron.com](http://www.lutron.com). If you require assistance on a project, contact your local Lutron representative. For technical questions regarding compatibility, contact the System Sales Engineering team at [systemsalesengineers@lutron.com](mailto:systemsalesengineers@lutron.com)

To download the full 2016 edition of the California Title 24 Part 6 Building Energy Standard, please visit <http://www.energy.ca.gov/title24/2016standards/index.html>

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