**Lutron T-Series 2-Channel Tunable White**

**Default Sequence of Operations**

**Overview**

This default tunable white sequence of operations is Lutron’s recommendation for a sequence of operations that meets the needs of a typical tunable white application. Should these defaults not meet the needs of the space, Lutron recommends that you **refer to the T-Series Tunable White Sequence of Operations Guide (367-xxxx) for a detailed overview of all recommended customization options**.

**Lutron T-Series 2-Channel Tunable White Default Sequence of Operations**

This following default sequence of operations is structured for a **single space** within a building being controlled by **Lutron’s Quantum system**.

In order to ease system programming and to help facilitate communication, **it is recommended that a sequence of operations be provided for each individual space that requires tunable white**.

1. **[Input area/space name or type] Tunable White Sequence of Operations**
   1. **Intensity Considerations**
      1. Occupancy/Vacancy Sensing
         1. Occupancy sensors shall only modify intensity and should not modify CCT.
         2. Occupancy sensors shall turn on lighting automatically when the space is occupied and shall turn off/reduce lighting automatically 15 minutes after the space is vacated.
      2. Daylighting
         1. Daylight sensors shall only modify intensity and should not modify CCT.
         2. Daylight sensors shall automatically raise and lower the lighting in the space to maximize the lighting contribution of natural sunlight in the space.
   2. **CCT Considerations**
      1. CCT Zoning
         1. The CCT of tunable white fixtures in this space shall be controlled as a single zone.
      2. Automatic CCT Curve
         1. Tunable white fixture CCT shall be controlled automatically per Lutron’s default Automatic CCT Curve. Fixture CCT shall begin ramping from 2700 K starting 60 minutes before sunrise, completing the ramp up to 4000 K 120 minutes after sunrise. Fixture CCT shall begin ramping down from 4000 K 120 minutes before sunset, completing the ramp down to 2700 K 60 minutes after sunset. The ramp up and ramp down shall each consist of 13 discrete 15-minute fades.
      3. Return to Automatic CCT Curve
         1. The Automatic CCT Curve shall not be overridden by the controls in the space.
   3. **Manual Controls**
      1. Intensity and CCT Keypads and Remotes
         1. Single Gang [Insert keypad/remote brand name/model number] for control of Intensity only. Button engraving and programming, from top to bottom, shall be “High” (set intensity to 100%), “Medium” (set intensity to 50%), “Low” (set intensity to 25%), Off (set intensity to 0%).
   4. **Intensity Timeclock Events**
      1. User-defined timeclock events shall not be used in the space.
   5. **Emergency/Egress**
      1. In the event of an emergency/egress situation, tunable white fixtures designated as Emergency/Egress will have their intensity automatically set to 100% and their CCT automatically set to 50% of the ficture’s CCT range.