Specifications

All Maestro Controls

- Provide a minimum ten-year operational life while operating continually at any temperature in an ambient temperature range of 0 ºC (32 ºF) to 40 ºC (104 ºF) and 90% non-condensing relative humidity
- Operate at the rated capacity across the full ambient temperature range including modified capacities for ganging configurations which require the removal of fins
- Utilize an easily recognizable air gap off, activated when user selects “off” at any control to disconnect the load from line supply eliminating any leakage current
- Possess power failure memory such that if power is interrupted and subsequently returned, lights will automatically return to the same levels prior to power interruption for a minimum period of 10-years
- Designed and tested to withstand electrostatic discharges up to 16,000 V without impairment per IEC 801-2
- Designed and tested to withstand line-side surges without impairment to performance when subjected to surges of 6,000-volts, 200-amps per ANSI / IEEE C62.41C
- Ensure a precise color match between all plastic parts such that color variation does not exceed a delta E of 1.0 as defined in ASTM E 308-99
- Exhibit ultraviolet stability on all visible parts when tested with multiple actinic light sources as defined in ASTM D4674-89
- Capture all actuators internally to the control
- Fit a decorator wall plate opening
- Fit a standard 2 in wide electrical back-box in both single-gang and multi-gang applications
- Undergo full-function and safety testing during manufacturing end-of-line
- Supported by Lutron Electronics technical support center 24-hours a day, 7-days a week

Maestro Dimmers

- Provide full-range, smooth and continuously variable control of light intensity
- Provide frequency compensation to minimize the effects of changing line frequencies
- Contain RFI suppression circuitry designed to reduce interference with radio, audio, and video equipment
- Provide a minimum high-end of 92% of line voltage for incandescent and magnetic low-voltage loads.
- For magnetic low-voltage dimmers, contain circuitry specifically designed to control and provide a symmetrical AC waveform to the input of magnetic low voltage transformers per UL1472 section 5.11
- Provide a minimum high-end of 95% of line voltage for electronic low-voltage loads
- For electronic low-voltage dimmers, contain circuitry specifically designed to provide reverse phase control to the input of electronic low voltage transformers
- For electronic low-voltage dimmers, contain overload protection that automatically shuts off when dimmer capacity is exceeded
- For incandescent, magnetic low-voltage and electronic low-voltage dimmers, provide a programming mode for setting preset light levels and adjusting the on/off fade rates

Maestro Fan Speed Controls and Fan / Light Controls

- Provide multi-location dimming from up to 3 locations
- Provide 7-speeds plus “off” for standard, 1-Amp, 3-speed paddle fans
- Provide a canopy module for each fan location being controlled

Maestro Timer Switches

- Provide a maximum 60 min countdown timer
- Provide the ability to override the countdown timer
- Provide a programming mode for disabling the countdown timer override and setting a preset countdown time
- Provide a minimum of 98% of line-voltage for all approved loads

Job Name:	Location / Description:
Job Number:	