LUTRON HOMEWORKS - Pre-Installation Checklist

WIRE TYPES

Type A – aka Lutron "blue" aka "GRX wire" – 1 pair 18AWG plus 1 pair 18-22awg twisted shielded
Type B – Serial cable. CAT5, CAT6 or pre terminated DB9
Type C – aka Lutron "purple" aka "H48 wire" – 1 pair 18-22awg twisted shielded
All wires to be labeled by their destination (i.e. "M. Bed", "Garage", "upstairs dimmers" etc.)

- **Daisy chain the MI link (Type A wire)**
  - 16 max per Link
  - 1000' wire max
- **Daisy chain the Inter-Processor link (Type A wire)**
- **Daisy chain QED interface and additional dimmer interfaces (Type A wire)**
  - 4 units max
- **Daisy chain the D48 link (Type C wire)**
  - 4 units max per Bus
  - 48 units max per Link
  - 500' per run max – 1000' max per Bus
- **Daisy chain the H48 link (Type C wire)**
  - 8 units max per Bus
  - 32 units max per Link
  - 500' per run max – 1000' max per Bus
- **Daisy chain the GRAFIK Eye/WPM link (Type A wire)**
  - 8 units max
  - 2000' wire max
- **Daisy chain Repeaters (at least one or any outside of 'bubble') (Type A wire)**
  - 5 units max
- **CAT5 to RS232 Distribution for Link 3**
  - 50' max
- **CAT5 to special device if applicable for link 7**
  - 50' max
- **CAT5 to LAN Distribution for Link9**

INTERFACES

- **Occupancy Sensors**
  - Type C wire homerun from each OCC to keypad indicated on floor plan. Do NOT run more than 2 OCC to each keypad.
  - 16/4 wire from power packs daisy chained or homerun. Do NOT run more than 3 OCC per power pack
- **Photocell Sensors**
  - Type C wire homerun from each PHO to keypad indicated on floor plan.
  - 14/2 Romex "hot" per PHO, <1amp draw per PHO
- **Power Boosters**
  - 2 gang box
  - Dimmed input from WPM/RPM or local dimmer
  - 15-20amp input
  - Out to load typical.
- **ELVI-1000 – Electronic Low Voltage Interface**
  - 2 gang box
  - Dimmed input from WPM/RPM or local dimmer
  - 15-20amp input
  - Out to load
- **LUT-LBX – low wattage interface (i.e. LED devices)**
  - 2 gang box
  - Dimmed input from WPM/RPM or local dimmer
  - Out to load