PRODUCT FAMILY FEATURES
- High-tech “Smart Dimmer” with microprocessor technology for a standard designer wallplate opening
- Features a clean, flush, stylish appearance
- Two taps on the switch brings lights on to full brightness; press and hold the switch to slowly fade lights to off over 10 seconds
- LED’s indicate light level and glow softly as a locator light in the dark
- Multi-location dimming from up to 10 locations
- Uses standard single-pole and 3-way wiring for easy installation in any home
- Raise from off

SPECIFICATION FEATURES
- Power-failure memory
- Frequency compensation
- Includes Radio Frequency Interference suppression
- Front accessible service switch (FASS) to disconnect load power
- Electrostatic discharge tested
- Precise color matching across all controls

MAESTRO CONTROLS

Smart Dimmers

- One tap on to selected light level/off; two taps full bright; press & hold for 10-second fade off
- Press rocker to adjust light level
- Front accessible service switch (FASS)
- LEDs indicate light level, glow softly

Accessory Dimmers

Note: For multi-location dimming only-use one Smart Dimmer (left) with up to nine Accessory Dimmers

SATIN COLOR ACCESSORIES

Rocker Switch

Switch

Jacks

Single Telephone Jack

Cable TV Jack

Receptacles

15 A Receptacle

15 A GFCI Receptacle

20 A Receptacle

20 A GFCI Receptacle

Ports

6-Port Frame

Custom Multigang Wallplates

2-gang to 6-gang wallplates

STANDARDS

<table>
<thead>
<tr>
<th>JOB NAME</th>
<th>AREA CONTROLLED</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOCATION</td>
<td>JOB NUMBER</td>
</tr>
<tr>
<td>TITLE</td>
<td>PAGE NO.</td>
</tr>
</tbody>
</table>

Have questions or want to place an order?
Call Lutron Customer Assistance 1.844.LUTRON1 (588.7661)
<table>
<thead>
<tr>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SMART DIMMERS</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Incandescent</strong></td>
<td></td>
</tr>
<tr>
<td><em>Preset Smart Dimmers</em></td>
<td></td>
</tr>
<tr>
<td>Single Pole/Multi-Location</td>
<td>600 W</td>
</tr>
<tr>
<td>Single Pole/Multi-Location</td>
<td>1000 W</td>
</tr>
<tr>
<td><strong>Products above:</strong> For multi-location dimming, use one Maestro Smart Dimmer with up to nine Accessory Dimmers, MSC-AD-. Not for use with mechanical 3-way or 4-way switches. Minimum load on dimmer is 40 W. Derating required if ganged, see page 5.</td>
<td></td>
</tr>
<tr>
<td><strong>Electronic Low Voltage</strong></td>
<td></td>
</tr>
<tr>
<td><em>Preset Smart Dimmers</em></td>
<td></td>
</tr>
<tr>
<td>Single Pole/Multi-Location</td>
<td>600 W</td>
</tr>
<tr>
<td><strong>Products above:</strong> For multi-location dimming, use one Maestro Smart Dimmer with to nine Accessory Dimmers, MSC-AD-. Requires neutral wire connection. Not for use with mechanical 3-way or 4-way switches. Minimum load on dimmer is 5 W. Derating required if ganged, see page 5.</td>
<td></td>
</tr>
<tr>
<td><strong>Magnetic Low Voltage</strong></td>
<td></td>
</tr>
<tr>
<td><em>Preset Smart Dimmers</em></td>
<td></td>
</tr>
<tr>
<td>Single Pole/Multi-Location</td>
<td>600 VA (450 W')</td>
</tr>
<tr>
<td>Single Pole/Multi-Location</td>
<td>1000 VA (800 W')</td>
</tr>
<tr>
<td><strong>Products Above:</strong> For Multi-location dimming, use one Maestro Smart Dimmer with up to nine Accessory Dimmers, MSC-AD-. Not for use with mechanical 3-way or 4-way switches. Minimum load on dimmer is 40 W. Derating required if ganged, see page 5.</td>
<td></td>
</tr>
<tr>
<td><strong>3-Wire LED/Fluorescent Ballast</strong></td>
<td></td>
</tr>
<tr>
<td>For control of 3-Wire LED or fluorescent ballast, use a MRF2-FAN-DV</td>
<td></td>
</tr>
<tr>
<td><strong>ACCESSORY DIMMERS</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Provide Multi-Location Dimming from up to Nine Additional Locations.</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Accessory Dimmers</strong></td>
<td></td>
</tr>
<tr>
<td>Accessory Dimmers</td>
<td></td>
</tr>
<tr>
<td>For multi-location dimming, use up to nine Accessory Dimmers with only one of the following Maestro multi-location dimmers: MSC-600M-, MSC-1000M-, MSCELV-600M-, MSCELV-600M-, or MSCLV-1000M-. No derating required if ganged. Maximum traveler wiring run for multi-location applications is 250 ft (76.2 m).</td>
<td></td>
</tr>
</tbody>
</table>

1. Actual lamp wattages.
### SWITCES

**General Purpose Switching of all Lighting Sources and Motor Loads**

<table>
<thead>
<tr>
<th>Description</th>
<th>Rating</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Pole, 120/277 V~</td>
<td>15 A</td>
<td>SC-1PS-□</td>
</tr>
<tr>
<td>3-way, 120/277 V~</td>
<td>15 A</td>
<td>SC-3PS-□</td>
</tr>
<tr>
<td>4-way, 120/277 V~</td>
<td>15 A</td>
<td>SC-4PS-□</td>
</tr>
</tbody>
</table>

Products above: No derating required if ganged.

### ACCESSORIES

**Receptacles**

<table>
<thead>
<tr>
<th>Type</th>
<th>Rating</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receptacle</td>
<td>15 A, 125 V~</td>
<td>SCR-15-□</td>
</tr>
<tr>
<td></td>
<td>20 A, 125 V~</td>
<td>SCR-20-□</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type</th>
<th>Rating</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self-Testing GFCI Receptacle</td>
<td>15 A, 125 V~</td>
<td>SCR-15-GFST-□</td>
</tr>
<tr>
<td></td>
<td>20 A, 125 V~</td>
<td>SCR-20-GFST-□</td>
</tr>
</tbody>
</table>

Products above: No derating required if ganged.

### Single Jacks

*A physical barrier (partition) must exist when gangling with line-voltage products*

<table>
<thead>
<tr>
<th>Type</th>
<th>No of Conductors</th>
<th>Category</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Telephone Jack</td>
<td>6-conductor</td>
<td>RJ11</td>
<td>SC-PJ-□</td>
</tr>
</tbody>
</table>

*Note: Also accepts most 4-conductor plugs*

<table>
<thead>
<tr>
<th>Type</th>
<th>No of Conductors</th>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single Cable Jack 1</td>
<td>F-style</td>
<td>75-Ohm, coaxial cable</td>
<td>SC-CJ-□</td>
</tr>
</tbody>
</table>

No derating required if ganged.

### Field Customizable Multi-Port Frame

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-Port Frame</td>
<td>Shipped with 6 blanks</td>
<td>SC-6PF-□</td>
</tr>
</tbody>
</table>

*Shown with blanks*

Product above: For use with Lutron connectors shown below. Also compatible with Hubble Xcelerator™ and snap-fit connectors.

### Connectors

*For use with 6-port frame (SC-6PF-). Each connector fills one port.*

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone Jack</td>
<td>6-conductor, RJ11, Category 3</td>
<td>CON-1P-C3-WH</td>
</tr>
<tr>
<td>Phone Jack</td>
<td>8-conductor, RJ45, Category 5e</td>
<td>CON-1P-C5E-WH</td>
</tr>
<tr>
<td>Phone Jack</td>
<td>8-conductor, RJ45, Category 6</td>
<td>CON-1P-C6-WH</td>
</tr>
<tr>
<td>Fiber Jack</td>
<td>MT-AJ Feed-Through</td>
<td>CON-1F-MTRJ-WH</td>
</tr>
<tr>
<td>Fiber Jack</td>
<td>SC Simplex</td>
<td>CON-1F-SC-WH</td>
</tr>
<tr>
<td>Fiber Jack</td>
<td>LC Non-Flush Mount</td>
<td>CON-1F-LC-WH</td>
</tr>
<tr>
<td>Fiber Jack</td>
<td>ST Style</td>
<td>CON-1F-ST-WH</td>
</tr>
<tr>
<td>Cable Jack</td>
<td>F-Style, 75-Ohm Coaxial cable</td>
<td>CON-1C-WH</td>
</tr>
<tr>
<td>BNC Jack</td>
<td>BNC connector</td>
<td>CON-1B-WH</td>
</tr>
</tbody>
</table>

Connectors available in white (WH) only. For information about additional colors contact Lutron Customer Service.
## STANDARD WALLPLATES

<table>
<thead>
<tr>
<th>Description</th>
<th>Model #</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1-Gang</strong></td>
<td></td>
</tr>
<tr>
<td>W: 2.94 in (75 mm) x H: 4.69 in (119 mm) x D: 0.30 in (7.6 mm)</td>
<td>SC-1-□</td>
</tr>
<tr>
<td><strong>2-Gang</strong></td>
<td></td>
</tr>
<tr>
<td>W: 4.75 in (121 mm) x H: 4.69 in (119 mm) x D: 0.30 in (7.6 mm)</td>
<td>SC-2-□</td>
</tr>
<tr>
<td><strong>3-Gang</strong></td>
<td></td>
</tr>
<tr>
<td>W: 6.56 in (167 mm) x H: 4.69 in (119 mm) x D: 0.30 in (7.6 mm)</td>
<td>SC-3-□</td>
</tr>
<tr>
<td><strong>4-Gang</strong></td>
<td></td>
</tr>
<tr>
<td>W: 8.37 in (213 mm) x H: 4.69 in (119 mm) x D: 0.30 in (7.6 mm)</td>
<td>SC-4-□</td>
</tr>
<tr>
<td><strong>5-Gang</strong></td>
<td></td>
</tr>
<tr>
<td>W: 10.18 in (259 mm) x H: 4.69 in (119 mm) x D: 0.30 in (7.6 mm)</td>
<td>SC-5-□</td>
</tr>
<tr>
<td><strong>6-Gang</strong></td>
<td></td>
</tr>
<tr>
<td>W: 12.00 in (305 mm) x H: 4.69 in (119 mm) x D 0.30 in (7.6 mm)</td>
<td>SC-6-□</td>
</tr>
</tbody>
</table>

## STANDARD COLORS/FINISHES

**Matte Finishes (Ships in 48 hours)**

Add color/finish suffix to model number to order.

Example: MSC-600M-SW

| SW  | Snow  | MN  | Midnight |
| TP  | Taupe | BI  | Biscuit  |
| ES  | Eggshell | PD  | Palladiom |
| HT  | Hot | MR  | Merlot |
| PL  | Plum | SI  | Sienna |
| TC  | Terracotta | BG  | Bluestone |
| GB  | Green Briar | GS  | Goldstone |
| MS  | Mocha Stone | ST  | Stone |
| DS  | Desert Stone | LS  | Limestone |

For the latest color offerings please see our website:
http://www.lutron.com/satincolors
### DERATING/MAXIMUM CAPACITY

<table>
<thead>
<tr>
<th></th>
<th>No side sections removed (Full Capacity)</th>
<th>One side section removed (End Units)</th>
<th>Two side sections removed (End Units)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Incandescent Dimmers</strong> ¹</td>
<td><img src="image" alt="Incandescent Dimmers" /></td>
<td><img src="image" alt="Incandescent Dimmers" /></td>
<td><img src="image" alt="Incandescent Dimmers" /></td>
</tr>
<tr>
<td>600 W</td>
<td>500 W</td>
<td>400 W</td>
<td></td>
</tr>
<tr>
<td>1000 W</td>
<td>800 W</td>
<td>650 W</td>
<td></td>
</tr>
<tr>
<td><strong>Electronic Low Voltage</strong> ²</td>
<td><img src="image" alt="Electronic Low Voltage" /></td>
<td><img src="image" alt="Electronic Low Voltage" /></td>
<td><img src="image" alt="Electronic Low Voltage" /></td>
</tr>
<tr>
<td>600 W</td>
<td>500 W</td>
<td>400 W</td>
<td></td>
</tr>
<tr>
<td><strong>Magnetic Low Voltage</strong> ¹</td>
<td><img src="image" alt="Magnetic Low Voltage" /></td>
<td><img src="image" alt="Magnetic Low Voltage" /></td>
<td><img src="image" alt="Magnetic Low Voltage" /></td>
</tr>
<tr>
<td>600 VA</td>
<td>500 VA</td>
<td>400 VA</td>
<td></td>
</tr>
<tr>
<td>(450 W²)</td>
<td>(400 W²)</td>
<td>(300 W²)</td>
<td></td>
</tr>
<tr>
<td>1000 VA</td>
<td>800 VA</td>
<td>650 VA</td>
<td></td>
</tr>
<tr>
<td>(800 W²)</td>
<td>(650 W²)</td>
<td>(500 W²)</td>
<td></td>
</tr>
</tbody>
</table>

### DIMENSIONS

Including Satin Colors wallplates – Wallplates sold separately.

**Dimmer Front**

- **Profile**: 0.31 in (7.8 mm)
- **Dimensions**: 4.69 in (119 mm) x 2.94 in (75 mm)

**Profile**

- **Profile**: 0.31 in (7.8 mm)
- **Dimensions**: 2.75 in (70 mm) x 1.44 in (37 mm)

1 Requires 40 W minimum load.
2 Requires 5 W minimum load.
3 Actual lamp wattage.
WIRING DIAGRAMS

Wiring Diagram 1
Single-Location Wiring

- Dimmer/ TapSwitch
- Hot: Black, Red
- Neutral: Blue
- Lighting Load: Green
- 120 V ~ 60 Hz

OR

Wiring Diagram 2
Multi-Location Wiring

Control Line Side

- Multi-Location Dimmer
- Hot: Black, Red
- Neutral: Blue
- Lighting Load: Green
- 120 V ~ 60 Hz
- Up to Nine Total Auxiliary Switches/Remotes

OR

Control Load Side

- Smart Remote
- Hot: Red
- Neutral: Blue
- Lighting Load: Green
- 120 V ~ 60 Hz
- Up to Nine Total Auxiliary Switches/Remotes
**WIRING DIAGRAMS**

**Wiring Diagram 3**
Multi-Location Control with Neutral
Used for Single-Location Wiring

- **Model #:** MSCELV-600M–

- **Diagram:**
  - Hot: Black
  - Neutral: Green
  - White
  - Cap Off
  - Lighting Load: Black
  - 120 V ~ 60 Hz

**Wiring Diagram 4**
Multi-Location Wiring

- **Model #:** MSCELV-600M–MSC-AD–

- **Diagram:**
  - Hot: Black
  - Neutral: Green
  - White
  - 120 V ~ 60 Hz

**Wiring Diagram 5**
Telephone Jack Wiring

- **Model #:** SC-PJ–

- **Diagram:**
  - 6-Conductor Telephone Jack*
  - 1 White
  - 2 Black
  - 3 Red
  - 4 Green
  - 5 Yellow
  - 6 Blue

*accepts most 4-conductor jacks

**Wiring Diagram 6**
Receptacle Wiring

- **Model #:** SCR-15–SCR-20–

- **Diagram:**
  - Hot: Black
  - Neutral: Green
  - White
  - 120 V ~ 60 Hz

**Wiring Diagram 7**
GFCI Receptacle Wiring

- **Model #:** SCR-15-GFST–SCR-20-GFST–

- **Diagram:**
  - Hot: Black
  - Neutral: White
  - 120 V ~ 60 Hz

---

**Have questions or want to place an order?**
Call Lutron Customer Assistance 1.844.LUTRON1 (588.7661)
MAESTRO CONTROLS AND ACCESSORIES
PART 1 – GENERAL

1.01 SUMMARY
A. Scope: Provide, install and test all switches, dimmers and related devices as specified herein for the areas indicated on the drawings, specifications, and load schedules.
B. Related Sections: Section 16580 (Ballasts), Section 16570 (Dimming Systems).

1.02 REFERENCES
A. UL 1472, CSA, NOM, ISO 9001

1.03 SYSTEM DESCRIPTION AND OPERATION
A. Permanently installed, wallbox mounted switches and dimmers
B. Permanently installed, wallbox mounted receptacles
C. Permanently installed, wallbox mounted data, voice and cable jacks
D. Screwless, seamless wallplates

1.04 SUBMITTALS
A. Submit manufacturer’s standard catalog data giving all application, wiring, and installation information on basic components and wallplate kits.
B. Provide test data and/or samples as required to demonstrate conformance with PART 2 of this specification.

1.05 QUALITY ASSURANCE
A. Manufacturer shall have a minimum of 10 years continuous experience in manufacturing wallbox dimming products.
B. Dimmers shall be UL listed, CSA and NOM approved specifically for each required load (i.e., tungsten, electronic low voltage transformer, and magnetic low voltage transformer). Manufacturer shall provide file card or certificate upon request. Universal load-type dimmers shall not be acceptable.
C. Manufacturer shall maintain ISO 9001 certification and provide a copy of the certificate upon request.

1.06 WARRANTY
A. All devices shall be covered by a minimum one-year warranty.

PART 2 – EQUIPMENT

2.01 ACCEPTABLE MANUFACTURERS
A. Lutron Electronics Co., Inc.
B. Unless otherwise noted, all basic components (dimmer, switch, receptacle, telephone jack and cable jack) and wallplate kits shall be provided by one manufacturer.

2.02 EQUIPMENT
A. Controls Lutron Maestro Style
1. Performance
   a. Dimmers shall provide full-range, smooth and continuously variable control of light intensity.
   b. All dimmers shall be designed to minimize effects of changing line frequency.
   c. An actuator, accessible from the front of the unit, with the wallplate attached, shall activate a mechanical air-gap switch disconnecting power from the load during “safety off” condition; no leakage current shall be present at the fixture(s). This front accessible safety switch (FASS) shall be separate from the tapswitch and raise/lower rocker.
   d. Dimmer shall be capable of on/off, raise/lower and mechanical air-gap "safety off" from up to 9 additional locations using aesthetically coordinated remotes.
   e. Controls shall meet ANSI/IEEE Std. C62.41-1980, tested to withstand voltage surges of up to 4000 V and current surges of up to 200 A without damage.
   f. Controls shall not be susceptible to damage or loss of memory due to static discharge.
   g. Controls shall be capable of operating at the rated capacity; this includes modified capacities for ganging configurations which require the removal of fins. Operation at rated capacity shall be possible across the full ambient temperature range, without shortening design lifetime.
   h. Controls shall operate in an ambient temperature range of 0 °C (32 °F) to 40 °C (104°F).
   i. Controls shall incorporate power-failure memory. Should power be interrupted and subsequently returned, the lights will come back on to the same levels set prior to the power interruption. Restoration to some other default level is not acceptable.
   j. Dimmers shall be designed to reduce interference with radio, audio, and video equipment.
   k. To ensure a precise color match between all plastic parts, color variation of any gloss part shall not exceed a just noticeable level, delta E of 1, as defined in ASTM E 308-99.
   l. Visible parts of dimmers, switches, standard receptacles, cable jacks or any wallplate shall exhibit ultraviolet stability when tested as defined in ASTM D4674-89.
   m. All actuators shall be captured internally to the control.
n. Remotes shall wire using conventional 3-way and 4-way wire runs.
o. Multi-location dimmers without neutral shall be capable of operating in either 3-way switch location.
p. Wall controls shall fit a decorator wallplate opening with a flush tapswitch. Dimmers and remotes shall have a small, raised rocker to the right of the tapswitch. Dimmers shall have seven discrete LEDs to the left of the tapswitch. Tapswitches shall remain flush in both the on and off state. Wall controls shall have a matte finish.
q. A single tap of the tapswitch shall raise lights from off to the preset light level, or fade light to off. The raise/fade rate shall travel the dimming range in 3 seconds. A rapid double tap of the tapswitch shall raise lights to full-on in 1.5 seconds. Pressing and holding the tapswitch shall activate a delay fade-to-off function. Lights shall fade to off over 10 seconds.
r. The LEDs on the left side of the tapswitch shall indicate light level when the dimmer is on. When the dimmer is off, the LEDs shall glow softly as a night light with the preset level slightly brighter than any of the other LEDs.
s. The rocker on dimmers and remotes shall raise and lower the light level; this new light level becomes the preset. The rocker shall be able to raise the lights from off to low end and up, and shall lower the lights to low-end, not to off.
2. Incandescent Dimmers
   a. Provide incandescent dimmers for direct control of up to 1000 watts.
   b. Dimmers shall have a high-end of no less than 90% of line voltage.
3. Electronic (Solid-State) Low Voltage (ELV) Transformer Dimmers
   a. Provide ELV dimmers for direct control of up to 600 watts of electronic low voltage load.
   b. Dimmers shall contain circuitry specifically designed to control the input of electronic (solid state) low voltage transformers. Dimmers using standard phase control shall not be acceptable.
   c. Dimmers shall have a resettable overload protection that automatically shuts off when dimmer capacity is exceeded. Protection methods that are non-resettable or require the device to be removed from the wall to reset shall not be acceptable.
4. Magnetic Low Voltage (MLV) Transformer Dimmers
   a. Provide MLV dimmers for direct control of up to 1000 VA of magnetic low voltage load.
   b. Dimmers shall 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.
   c. Dimmers shall not cause a magnetic low voltage transformer to operate above the transformers rated operating current or temperature.
   d. Dimmers shall have a high-end of no less than 90% of line voltage.
5. Remote dimming modules for high power loads
   a. Where lighting loads exceed the full rated capacity of single dimmers, provide a Maestro incandescent neutral wire dimmer driving a Lutron PHPM-PA-120-WH or a PHPM-WBX-DV-WH.
   b. The Lutron Phase-Adaptive Power Module shall be remotely mounted.
6. Accessory dimmer for multi-location control
   a. Accessory dimmers shall provide multi-location control and mechanical air-gap switch. All tapswitch and rocker functions shall operate from each accessory dimmer. Up to 9 accessory dimmers may be used with a Maestro dimmer.
   b. Accessory dimmers shall not have any LEDs.
B. Accessories Lutron Satin Colors Style
1. Switch Components Lutron Satin Colors Style
   a. Switches shall provide on/off control of any 120/277 V~ load up to 15 A. Switches shall be UL Listed as general-use AC switches, Lutron Satin Colors style.
   b. Switches shall be available in single-pole, 3-way and 4-way configurations.
2. Receptacle Components Lutron Satin Colors Style
   a. All receptacles shall be UL Listed, CSA and NOM approved.
b. Receptacles shall be two pole, three wire ground and rated for 1 5A at 125 V~. All receptacles shall be NEMA configuration type 5-15R.

c. Ground-fault interrupter receptacles shall be Lutron Satin Colors style with two-pole, three-wire ground and rated 15 A at 125 V~. Configuration shall be of the duplex type with rectangular NEMA WD-6 design. Receptacles shall have a 5 milliampere ground-fault trip level with "test" and "reset" buttons.

3. Telephone, Cable, Fiber and BNC Jacks Lutron Satin Colors Style

a. Contractor shall provide an appropriate barrier (partition) to isolate jacks from high-voltage wiring when ganged together. This complies with NEC Articles 800-3 and 820-13.

b. Telephone jack shall be designed to mate with standard 4- or 6-conductor modular jacks, and be compatible with 2, 4, or 6 conductor lines. Telephone jacks shall meet FCC Part 68, paragraph F standards to ensure compatibility with U.S. telephone systems.

c. Cable jacks shall be the coaxial type, designed for use with standard 75-Ohm cables.

d. Fiber jacks shall meet EIA/TIA-568-B.3 specifications for optical, mechanical and environmental performance.

e. BNC connectors shall be F/F couplers.

C. Wallplates Lutron Satin Colors Style

1. Wallplates shall be manufactured from durable polycarbonate plastic with matte finish, and shall attach to the basic components without using exposed hardware or screws.

2. Multigang wallplates shall provide a continuous, seamless cover for up to six-ganged decorator-style control and accessory combinations with no exposed hardware or screws.

3. Multigang wallplates shall include an adapter plate for proper device alignment and wallplate attachment.

4. Control, accessory and wallplate profiles shall not exceed 0.30 in (7.62 mm) from wall surface to faceplate front surface.

5. To ensure a precise color match between all plastic parts, color variation of any matte part shall not exceed a just noticeable level, delta E of 1, as defined in ASTM E 308-99.

6. Visible parts of dimmers, switches, standard receptacles, cable jacks or any wallplate shall exhibit ultraviolet stability when tested as defined in ASTM D4674-89.

2.03 SOURCE QUALITY CONTROL

A. All dimming controls shall be 100% function tested at the time of manufacture. Statistical sampling plan shall not be acceptable.

PART 3 – EXECUTION

3.01 INSTALLATION

A. Contractor shall furnish all devices (dimmers, accessories, & wallplate kits), labor and other services necessary for the proper installation of the devices as indicated on the drawings and specified herein.

B. Contractor shall be responsible for derating dimmer capacity if side sections are removed.

C. Contractor shall run separate neutral wires in 120/208 VAC installations.

D. Contractors shall install all backboxes with a minimum wallbox depth of 2.5 in (63.5).

E. Devices shall be installed utilizing manufacturer’s recommended application, wiring and installation instructions.

F. Contractor to provide seamless wallplate covers per specification 2.02 for all devices ganged in a common box. Contractor shall provide barriers within the box where required by code.

3.02 FIELD QUALITY CONTROL

A. Twenty-four hours a day, seven days a week, global customer service and technical hotline available.

B. Supplemental information shall be provided by manufacturer’s Internet site.