DESCRIPTION
Sapphire™ LCD Touch Screen provides the flexibility of a fully customizable user interface with the convenience of native controls from Leviton's Commercial Systems products. Sapphire LCD Touch Screens are Leviton’s premier touch screens offering multi-room integrated lighting control in one. The scheduler feature allows facility and building managers to schedule holidays and daily lighting schedules from the touch screen.

SAPPHIRE LCD APPLICATIONS
• Conference room control
• Building supervisor control panel
• Classroom control
• Executive office control
• Ballroom control
• Anywhere touch-interface is desired

FEATURES
• 7” capacitive touch screen
• User interface components
  - Tabs/pages
  - Buttons
  - Sliders
• Touch screen status updated from actual device status
• LumaCAN® connectivity
• Secure password protected administration
• Online/offline configuration and screen design through PC Tool
• Software & configuration updates through front panel USB memory stick
• Available faceplates: White, Light Almond, Black

SCHEDULER DETAILS
• 7 day scheduler
• (2) custom, user defined holiday exception calendars
• Astronomical time clock
• Special event calendar

BUTTON DETAILS
• Button operating modes
  - Toggle
  - Press/release
  - Preset group
• Configurable caption
• All network commands supported

SLIDER DETAILS
• Configurable caption
• Supports only set channel/group level commands
• Configurable numeric level display

NETWORK COMMANDS
• Administrative functions
  - Network setup
  - Log file import/export
  - Configuration update
  - Snapshot record
  - Snapshot edit
• Set channel level
• Set group level
• Fade stop
• Room combine/separate
• Fade rate or fade time
• Raise/lower
SAPPHIRE USER INTERFACE SCREEN SHOTS

Daily View

<table>
<thead>
<tr>
<th>Time</th>
<th>Daily View</th>
<th>Weekly</th>
</tr>
</thead>
<tbody>
<tr>
<td>5AM</td>
<td>12PM</td>
<td></td>
</tr>
<tr>
<td>6AM</td>
<td>1PM</td>
<td></td>
</tr>
<tr>
<td>7AM</td>
<td>2PM</td>
<td></td>
</tr>
<tr>
<td>8AM</td>
<td>3PM</td>
<td></td>
</tr>
<tr>
<td>9AM</td>
<td>4PM</td>
<td></td>
</tr>
<tr>
<td>10AM</td>
<td>5PM</td>
<td></td>
</tr>
<tr>
<td>11AM</td>
<td>6PM</td>
<td></td>
</tr>
</tbody>
</table>

Daily

Schedule Creator

Event Name
Event Type
Weekly
Offset
None
Time
15:28
Repeat
Every Day
Command

Event

Holiday List

<table>
<thead>
<tr>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 25</td>
</tr>
<tr>
<td>January 1</td>
</tr>
<tr>
<td>First Tuesday of April</td>
</tr>
</tbody>
</table>

Holiday
TOUCH SCREEN WITH CONNECTOR ANNOTATIONS - REAR VIEW

- +24Vdc: Power OFF Not supplied over LumaCAN
- Connects To: GreenFAX
  DRC: Smart Pack
  NP006 Gateway
  Other LumaCAN3 Devices

Dashed lines denote sheetmetal outline
Sapphire™ LCD Touch Screen

A. Face plate with trim ring
B. Touch screen electronics
C. Normalizing installation & mounting
D. 4-gang box

### INSTALLATION DIAGRAM

![Diagram of installation components A-D]

### DIMENSIONS

- **Face plate with trim ring**: 3.00" (7.62 cm)
- **Touch screen electronics**: 6.00" (15 cm)
- **Normalizing installation & mounting**: 10.20" (26 cm)
- **4-gang box**: 6.00" (15 cm)

### SPECIFICATIONS

- **LCD Panel**: 7" (17.78 cm) diagonal, 16.9 form factor; 800x480 WVGA; 130° x 110° viewing angle; LED backlight; 24 bit color
- **Power Input Voltage**: +12-24VDC, Class 2 SELV; 1750 mA (175 mA at 12V, 875 mA at 24V); 200 mA standby current, power supply via terminals or LumaCAN network
- **Environmental**: Operating Temperature Range: 14-122°F (5-50°C)  Storage Temperature: -4-158°F, (-20° -70°C)  Relative Humidity: 0-90° non-condensing
- **Enclosure**: Mounting/installation: 4-gang box with a 4-gang raised device cover preferred, 4-gang device box acceptable, IP 30
- **Listings**: CE, NOM, FCC

### ORDERING INFORMATION

<table>
<thead>
<tr>
<th>CAT. NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>TS007-000</td>
<td>7” Touch Screen, capacitive interface, no faceplate included</td>
</tr>
<tr>
<td>TS007-COE</td>
<td>7” Touch Screen Color Change Kit, Black faceplate</td>
</tr>
<tr>
<td>TS007-COT</td>
<td>7” Touch Screen Color Change Kit, Light Almond faceplate</td>
</tr>
<tr>
<td>TS007-COW</td>
<td>7” Touch Screen Color Change Kit, White faceplate</td>
</tr>
<tr>
<td>TS007-LCE</td>
<td>7” Touch Screen Locking Cover, Black</td>
</tr>
<tr>
<td>BBG04-000</td>
<td>4 gang box</td>
</tr>
<tr>
<td>WPG04-DR0</td>
<td>4 gang raised device ring for use with BBG04-000</td>
</tr>
<tr>
<td>PST24-I10</td>
<td>+24Vdc, 1A, 30W 100-277VAC Input DIN Rail Power Supply. UL, cUL &amp; CE listed, terminals on input and output</td>
</tr>
</tbody>
</table>

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