The LCP series enclosure is a rugged NEMA1 grade panel made of 16 GA steel with a white powder coat finish.

The LCP is designed to be flush-mounted between two 16 inch center to center studs or surface-mounted on any flat surface. It measures 14.2” x 30.2” x 5.2”

Enclosure is provided with 13 knockouts (½ X ¾ combo type) on both the top and the bottom of the unit and 20 knockouts on the rear.

A locking door with two keys is provided to insure against tampering by unauthorized persons.

The front door is mounted on removable hinges so it may be completely removed from the enclosure for easy access.

The interior mounting panel is designed with removable hinges so it may be completely removed from the enclosure so that dimmers, switches or transmitters may be easily installed and wired. While installed the mounting panel can swing 90 degrees out of the enclosure for easy access for wiring the rear of the WS1DL Dimmers or other equipment.

Using LCP panels to centralize lighting loads offers several distinct advantages:

• The cost to design, layout, construct, wire, and program a lighting system is greatly reduced.

• The transmission/receiving characteristics of a central-star system are vastly superior to a conventionally wired system.

• The LCP is designed to properly dissipate the heat generated by high-power lighting controls, without having to worry about de-rating each load.

• The finished product using LCP lighting panels results in a professional, rugged, high-quality system.

The PulseWorx Lighting Control System allows the designer/installer to implement up to 16 pre-set scenes for each dimmer and over 250 scenes per house. When configuration is complete, a single push of a button is all you need to activate a scene (group of lights or control points) simultaneously. Each scene’s pre-set lighting levels can be easily modified either manually with a few presses of a button or by using UPStart™ Setup software.
**Lighting Control Panel - LCP-U**

**Ordering Information**

- **Model Number**
  LCP-U

**Installation**

- **Pre-Wire**
  Wiring one 14GA (15A) or one 12GA (20A) feed from main panel to LCP location for each circuit to be controlled.

- **Flush Mounting**
  The LCP can be installed between two standard 16” studs in a conventional 4” deep wall.

- **Surface Mounting**
  The LCP can be installed on any flat wood or concrete surface.

**Module Accommodation**

The following number of dimmers can be accommodated in the LCP:

<table>
<thead>
<tr>
<th>Dimmer</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>WS1DL-6</td>
<td>20</td>
</tr>
<tr>
<td>WS1DL-10</td>
<td>15</td>
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<tr>
<td>WS1DL-15</td>
<td>15</td>
</tr>
<tr>
<td>WS1DL-24</td>
<td>10</td>
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</tbody>
</table>

**Additional Information**

- **Rating**
  NEMA 1 (indoor only), UL 508A Listed

- **Warranty**
  Five-year limited warranty

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**Dimensions**

- 16.0” H x 14.2” W x 5.0” D

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**Wiring Diagram**

- **Circuit Breaker Panel**
  - 20A
  - 20A
  - 20A
  - 20A

- **LCP-U**

- **Remote Wall Switches (Optional)**

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**Model Number LCP-U**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>LCP-U</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Total Load</td>
<td>24,000W / 18,000VA</td>
</tr>
<tr>
<td>General Purpose Utility Bays</td>
<td>4 Gang X 5</td>
</tr>
<tr>
<td>Removable Door</td>
<td>Yes</td>
</tr>
<tr>
<td>Removable Interior Panel</td>
<td>Yes</td>
</tr>
<tr>
<td>Knockouts Top / Bottom / Rear</td>
<td>13/13/20 ½ X ¾ Combo Type</td>
</tr>
<tr>
<td>Color/Finish</td>
<td>White Powder Coat</td>
</tr>
<tr>
<td>Dimensions</td>
<td>30.2 H X 14.0 W X 5.0 D</td>
</tr>
<tr>
<td>Weight</td>
<td>33 lbs.</td>
</tr>
<tr>
<td>Mounting</td>
<td>Flush or Surface</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>- 40F to 104F</td>
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</tbody>
</table>