

# WLCP-CP00 - Dialog Control Panel (no Relays)



Project Name: _____
Part Numbers: _____ Date: _____

### Features

- All components factory installed programmed and tested before shipment
- Lighting control panels are pre-terminated with all relays wired to relay driver outputs
- NEMA 1 rated cabinets include “tub”, interior and cover
- Modular and easy to understand internal layout of components.

Prewired relay panels (WLCP panels) for Dialog® centralized lighting control systems consist of enclosures, relays and control electronics to provide a complete panelized solution. WLCP panels communicate digitally using the Dialog 2-wire network.

Central panels include a Lighting Control Unit (WLC-4150) which manages all devices in a system of up to 252 relays and 252 dimming channels. Programming and scheduling changes may be done from a touch screen interface which is included in all central relay panels. Central panels come equipped with a handheld IR sensor and switch setting tool. (not included with remote relay panels).

### Components include:

- PWE1-CxxM-S3
- WR-4075 Transformer
- WLC-4150-C Lighting Control Unit
- Terminal Blocks

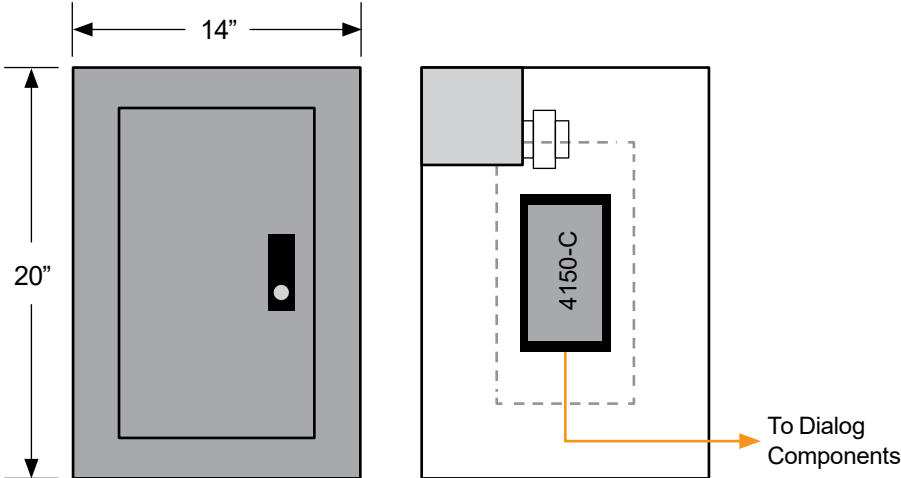
**Typical Applications:** WLCP-CP00 panel that contains the WLC-4150. All Dialog devices are able to be connected back to their designated lighting control panel through the Dialog 2-wire network. 4-Channel and 2-Channel room controllers can also be connected back to the central relay panel with no additional components required.

PART NUMBER	DESCRIPTION
WLCP-CP00	Central Dialog Panel – 20x14x4.25

# WLCP-CP00 - Dialog Control Panel (no Relays)

## Dimensions

Inches



## Technical Details

<b>FUNCTIONALITY</b>	<ul style="list-style-type: none"> <li>• Addressability</li> <li>• Energy Measurement (E version)</li> <li>• OpenADR ready (E version)</li> <li>• Astronomical time clock (plus auto daylight savings time change)</li> <li>• Scheduling including vacation overrides</li> <li>• 0-10V dimming</li> <li>• Natural daylight priority</li> <li>• Room control</li> <li>• Demand response</li> <li>• Zone control</li> <li>• BACnet IP (-C &amp; -E versions)</li> </ul>
<b>INPUT VOLTAGE</b>	<ul style="list-style-type: none"> <li>• Line voltage 120, 240, 277 or 347V. Select correct model for line voltage</li> </ul>
<b>OUTPUT VOLTAGE</b>	<ul style="list-style-type: none"> <li>• 24VAC at full load. At no or low loads, the voltage is 29V. As the current draw increases, the transformer voltage decreases. A fully loaded class 2 transformer will output 24V.</li> </ul>
<b>APPROVALS</b>	<ul style="list-style-type: none"> <li>• UL Approved</li> <li>• CSA Certified</li> </ul>
<b>ENVIRONMENT</b>	<ul style="list-style-type: none"> <li>• Indoors, stationary, non-vibrating, non-corrosive atmosphere, and non-condensing humidity.</li> <li>• Ambient temperature: - 20°F to +120°F (-28°C to +50°C)</li> </ul>
<b>WARRANTY</b>	<ul style="list-style-type: none"> <li>• Standard 5-years</li> </ul>

\*Patent Pending

Rev 8/24/2022

Douglas Lighting Controls