


	PART No.	DESCRIPTION	SPECIFICATION
	<b>WLC-3150</b> Lighting Control Unit	<ul style="list-style-type: none"> <li>The Lighting Control Unit (LCU) manages all of the devices in a system of 256 relays and 256 dimmers.</li> <li>The LCU runs time schedules that automate switching and control functions.</li> <li>To edit settings, the LCU has:               <ul style="list-style-type: none"> <li>built-in touch screen interface</li> <li>web server for remote connection</li> </ul> </li> <li>Upload data files using USB or web server</li> <li>Astronomic &amp; Photocell control</li> <li>System application &amp; data is stored in a non-volatile memory and lasts for a minimum of 10 years</li> <li>Auto Leap Year adjustments</li> <li>Auto Daylight Savings Adjustments</li> <li>Time of day retention for 24hrs during power loss</li> </ul>	<b>Power</b> <ul style="list-style-type: none"> <li>The power drawn by the LCU includes power used by devices connected to the data signal.</li> <li>Power specified for a fully loaded system: 24VAC, 1 Ampere.</li> </ul> <b>Communication</b> <ul style="list-style-type: none"> <li>The LCU generates the Dialog data signal used by the Dialog system.</li> <li>Max current available: 400mA.</li> <li>Max longest length*: 1000'(300m).</li> <li>Max aggregate length*: 4000'(1200m)</li> <li>*lengths are all a one way measurement.</li> <li>Recommended cable:               <ul style="list-style-type: none"> <li>2 conductor</li> <li>18AWG solid.</li> <li>Twisted or shielded not required.</li> <li>Standard LVT wire is acceptable.</li> </ul> </li> </ul>

### WLC-3150 Lighting Control Unit (LCU)

- generates the Dialog data signal and stores lighting control properties.
- stores and runs time schedules and logging info.
- program and control demandflex Dialog Series ballasts

#### Touch Screen

Built-In touch screen interface.

#### RS-485 Network

Used in larger projects to connect multiple LCUs.

#### Web Server

Used to remotely access the LCU via TCP/IP.

#### USB Port

Allows for memory backup.



#### Power

24VAC - 1 Amp supply.

#### demandflex DS

Data signal for demandflex DS ballast system.

#### Data Signal

The source connection for the Dialog data signal, 400mA supply. Diagnostic LEDs show overloading and if a short is present.

#### Interface & Operation

- Touch screen interface provided for rapid access to all functions.
- A computer can be used as interface by accessing the web server that is built into the LCU.
- LCU runs time schedules and logs traffic and actions of devices that are connected to the Dialog network.

#### Environment

- Indoors, stationary, non-vibrating, non-corrosive atmosphere and non condensing humidity.
- Temperature: +5° to +120°F (-15° to +50°C)

#### DIMENSIONS & MOUNTING

