


	PART No.	DESCRIPTION	SPECIFICATION
	<p>WLC-3150 Lighting Control Unit</p>	<ul style="list-style-type: none"> The Lighting Control Unit (LCU) manages all of the devices in a system of 256 relays and 256 dimmers. The LCU runs time schedules that automate switching and control functions. To edit settings, the LCU has: <ul style="list-style-type: none"> - built-in touch screen interface - web server for remote connection Upload data files using USB or web server Astronomic & Photocell control System application & data is stored in a non-volatile memory and lasts for a minimum of 10 years Auto Leap Year adjustments Auto Daylight Savings Adjustments Time of day retention for 24hrs during power loss 	<p>Power</p> <ul style="list-style-type: none"> The power drawn by the LCU includes power used by devices connected to the data signal. Power specified for a fully loaded system: 24VAC, 1 Ampere. <p>Communication</p> <ul style="list-style-type: none"> The LCU generates the Dialog data signal used by the Dialog system. Max current available: 500mA. Max longest length* :1000'(300m). Max aggregate length*: 3000'(900m) <i>*lengths are all a one way measurement.</i> Recommended cable: <ul style="list-style-type: none"> - 2 conductor - 18AWG solid. - Twisted or shielded not required. - Standard LVT wire is acceptable.

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, 500mA 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.
- Global Web Server

Environment

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

DIMENSIONS & MOUNTING

