



Project Name: _____
Part Numbers: _____ Date: _____

Features

- Touchscreen Interface
- Manages and Power the Dialog Low Voltage Network
- Integrated web-server for Remote Access

- Market Leading Cyber-Security
 - Certified by UL Testing Lab to UL-2900-1
 - Certified by ioXt – Internet of secure things



ASHRAE 90.1 Compliant



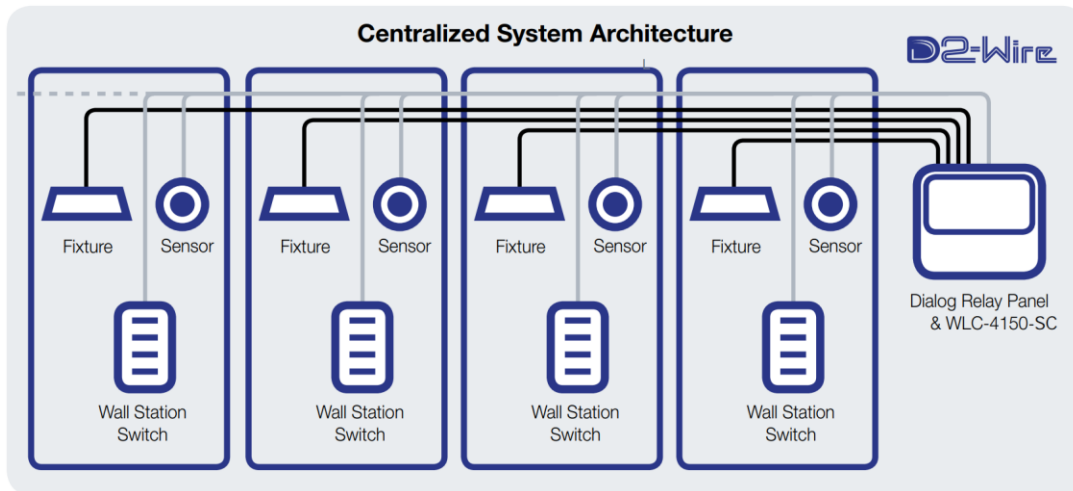
The Dialog® Lighting Control Unit (LCU) is used for centralized facility or multi-facility applications to manage the Dialog Lighting Control System. The controller is DIN rail mounted within the low voltage compartment of a relay panel in order to control and coordinate building lights based on messaging from peripheral devices, scheduled programs, and pre-configured actions. Its non-volatile memory stores the lighting control programming that manages the facilities lights. The large 6.25”H x 3.75”W capacitive touchscreen can be used for adding or changing system settings. An integral web-server is provided for a remote browser interface. Contact inputs are available to control HVAC and security systems. BACnet capabilities provides connectivity to Building Management Systems via the WNG-3131 for the Dialog System. The USB port can be used for downloading (and uploading) system programming.

The Dialog Lighting Control Unit is part of the Dialog System which includes relay panels, control cards and peripheral devices (Occupancy Sensor, Daylight Sensor, Wall Station Switches). Systems are built project specific, then factory programmed and tested before shipping to site. On-site support for commissioning is provided as needed.

The advanced cyber-security edition (SC) is certified by UL to UL-2900 Standard for Software Cybersecurity for Network-Connectable Products. The testing includes software supply chain risk management, evaluation of testing methods, analysis of risk based on the product usage, and other security testing.

Typical Applications: Where Networked Lighting controls and Global controls are required with strict UL-2900 Cyber-Security requirements.

PART NUMBER	DESCRIPTION
WLC-4150-SC	Lighting Control Unit - UL-2900 Advanced Cyber-Security

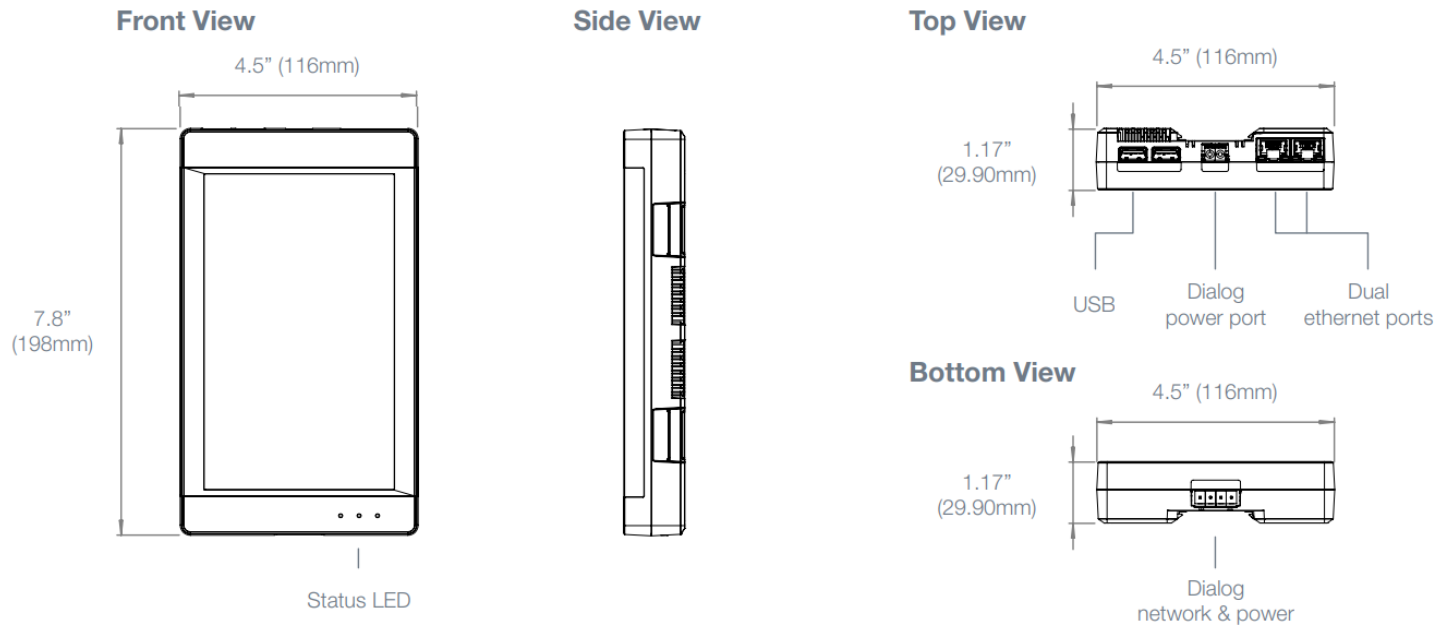


Note: Maximum wire length: 1000ft (300m); Aggregate 3000ft (900m) - Amplifiers used to extend distances when required.

Dialog® Lighting Control Unit (WLC-4150-SC UL-2900 Edition)

Dimensions

Inches [mm]



Technical Details

POWER	<ul style="list-style-type: none"> 24VAC, 1A is required for power
COMMUNICATION	<ul style="list-style-type: none"> Dialog 2-wire (18/2 AWG) low voltage, non-polarized, power and data bus
INTERFACE	<ul style="list-style-type: none"> Approx. 6.25"H x 3.75"W capacitive touch screen Full colour
OUTPUT	<ul style="list-style-type: none"> 500 mA
FUNCTIONALITY	<ul style="list-style-type: none"> Addressability Astronomical time clock (plus auto daylight savings change) Scheduling, including vacation/holidays 0-10V Dimming Natural Daylight priority Room controllers Demand Response Zone Control
ENVIRONMENT	<ul style="list-style-type: none"> Indoor, stationary, non-vibrating, non-corrosive atmosphere and non-condensing humidity Operating temperature: 5°F to 120°F (-15°C to 50°C)
CERTIFICATIONS	<ul style="list-style-type: none"> UL-2900-1 Cybersecurity Assurance Program ioXt 2021 – Base Profile DLC NLC 5.0 Listed
WARRANTY	<ul style="list-style-type: none"> Standard 5-years