


Project Name: \_\_\_\_\_

Date: \_\_\_\_\_

	<p><b>Features</b></p> <ul style="list-style-type: none"> <li>• Configured “Kits” for room specific lighting control</li> <li>• Plug ‘N Control up to 6 different loads (lighting, receptacle, emergency lighting)</li> <li>• Plug ‘N Control up to 4 dimming channels independent of lighting loads</li> <li>• Wiring circuit verification via on-board test buttons</li> <li>• Color coded wires, labels and on-device wiring instructions</li> <li>• Installation directly to junction box</li> <li>• Low cost, simple to install, polarity neutral 2-wire network</li> <li>• Networkable with Dialog or BACnet IP</li> <li>• UL and CSA certified</li> <li>• UL924 certified for Emergency Lighting</li> <li>• Plenum rated in USA and Canada</li> </ul>
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**Dialog Room Controller** is a stand-alone, decentralized lighting control solution for offices, classrooms and defined spaces. The device incorporates 2 sections; the Dialog Room Controller and the Dialog Room Controller UL924 / CSA C22.2 No. 141 Relay Expansion Pack.

The *Dialog Room Controller’s* thoughtful design eliminates wiring complications found in current lighting control systems by mounting directly to junction boxes with the incorporated ½ inch chase nipples. We know that wiring devices is not always easy, but with Dialog Room Controller there’s an easier way. Color coded labels that correspond with wires and wiring information inside the wiring compartment clearly identify proper connections.

Out-of-the-box ease of installation and operation through Plug ‘n Control™ functionality means once the system is connected, your room is under control. With an easy installation process and the removal of commissioning challenges, the *Dialog Room Controller* is up and running quickly, and operating effectively to meet the requirements of ASHRAE 90.1-2010 and California Title 24 installations.

*Dialog Room Controller* is part of a complete room control packaged “kit” that includes the Dialog Room Controller, Occupancy and Photo Sensors, and Wall Switches. The peripheral devices connect to the *Room Controller* through the easy to use, low cost, non-polarized, 2-wire (18/2) Dialog network.

Designated emergency lights are controlled by the UL924 / CSA C22.2 No. 141 Relay Expansion Pack. Under normal conditions these lights operate to the lighting requirements. In the event of power failure, emergency light mode is activated. Emergency lights operate at full brightness; wall switch and dimming functionality is disabled (an emergency/backup power source is required).

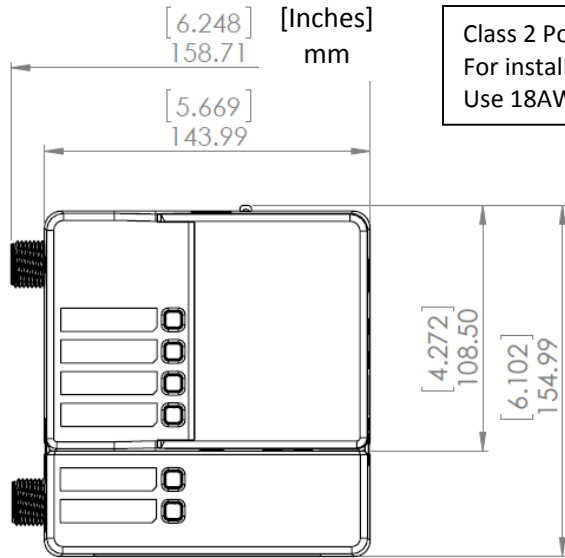
The *Dialog Room Controller* system can also be used in a centralized, fully networked Dialog system. Select the appropriate Kits, connect to the Dialog network controller (WLC-3150) and facility wide control capability is enabled. Advantages include global control and scheduling, faster installations, less long wire/conduit runs, and room-by-room commissioning before centralized network connections are completed.

ASHRAE 90.1-2010

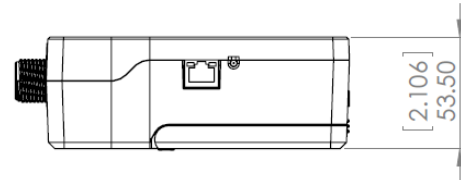


*\*Patent Pending*

Subject to change without notice.



Class 2 Power Unit; Dry Location Use Only  
For installation with Field Installed Conductors Rated for 60°C (140°F)  
Use 18AWG 2 Wire for Low Voltage Wiring



Part Number: WRC-3160	Part Number: WUL-3924
<p><b>Input</b></p> <ul style="list-style-type: none"> <li>• 120/277/347Vac, 20A Max., 60Hz</li> </ul> <p><b>Output</b></p> <ul style="list-style-type: none"> <li>• 20A General Use 120/277/347VAC</li> <li>• 20A Standard Ballasts &amp; Tungsten Loads 120/277VAC</li> <li>• 15A Standard Ballasts 347VAC</li> <li>• 16A Electronic Ballasts 120/277VAC</li> <li>• 0.5HP 120/277VAC</li> </ul> <p><b>Relays</b></p> <ul style="list-style-type: none"> <li>○ 4 (#1, 2, 3 combined @ 20A; #4@20A)</li> </ul> <p><b>Dimming</b></p> <ul style="list-style-type: none"> <li>• 4 - 0-10V Class 2 independent dimming channel</li> <li>• 100 mA sinking current per channel</li> </ul> <p><b>Approvals</b></p> <ul style="list-style-type: none"> <li>• UL2043, UL508, UL1310</li> <li>• CSA c22.2 NO. 14</li> </ul> <p><b>Weight</b> 18oz. (520g.)</p> <p>Mounts to junction box via ½" chase nipple</p>	<p><b>Input</b></p> <ul style="list-style-type: none"> <li>• 120/277/347Vac, 20A Max., 60Hz</li> </ul> <p><b>Output</b></p> <ul style="list-style-type: none"> <li>• 20A General Use 120/277/347VAC</li> <li>• 20A Standard Ballasts &amp; Tungsten Loads 120/277VAC</li> <li>• 15A Standard Ballasts 347VAC</li> <li>• 16A Electronic Ballasts 120/277VAC</li> <li>• 0.5HP 120/277VAC</li> </ul> <p><b>Relays</b></p> <ul style="list-style-type: none"> <li>○ 2 (20A each)</li> </ul> <p><b>Approvals</b></p> <ul style="list-style-type: none"> <li>• UL924, UL2043, UL508, UL1310</li> <li>• CSA c22.2 NO. 14 &amp; No. 141</li> </ul> <p><b>Weight</b> 7oz. (200g)</p> <p>Clips and connects to WRC-3160 Mounts to junction box via ½" chase nipple</p>
<b>Environment</b>	
<ul style="list-style-type: none"> <li>• Indoors, stationary, non-vibrating, non-corrosive atmosphere and non-condensing humidity</li> <li>• Ambient Operation Temperature: 32°F to 100°F (0°C to 38°C)</li> <li>• Plenum Rated</li> </ul>	

For a complete overview of the *Dialog Room Controller* including kits specifications and ordering information, please see the *Dialog Room Controller Reference Guide*.

CS-WRC-3160/WUL-3924 **150408**