

### Using Interfaces with RadioTouch™ to Control Incandescent, Magnetic Low-Voltage, or Lutron Tu-Wire® Dimming Ballast Loads

#### Overview

The RadioTouch™ system is designed to control Lutron Hi-lume® and Eco-10™ (ECO and TVE) electronics dimming ballasts directly. To control incandescent, magnetic low-voltage, and Lutron Tu-Wire® electronic dimming ballast loads, an interface is required.

The FDI-INC-2000 interface is used to control 2000W/VA of incandescent or magnetic low-voltage lighting load. The FDI-FTU-16A-120 interface is used to control 16 Amps of Lutron Tu-Wire® electronic dimming ballasts. The control and load wiring for each interface is shown below.

#### Wiring

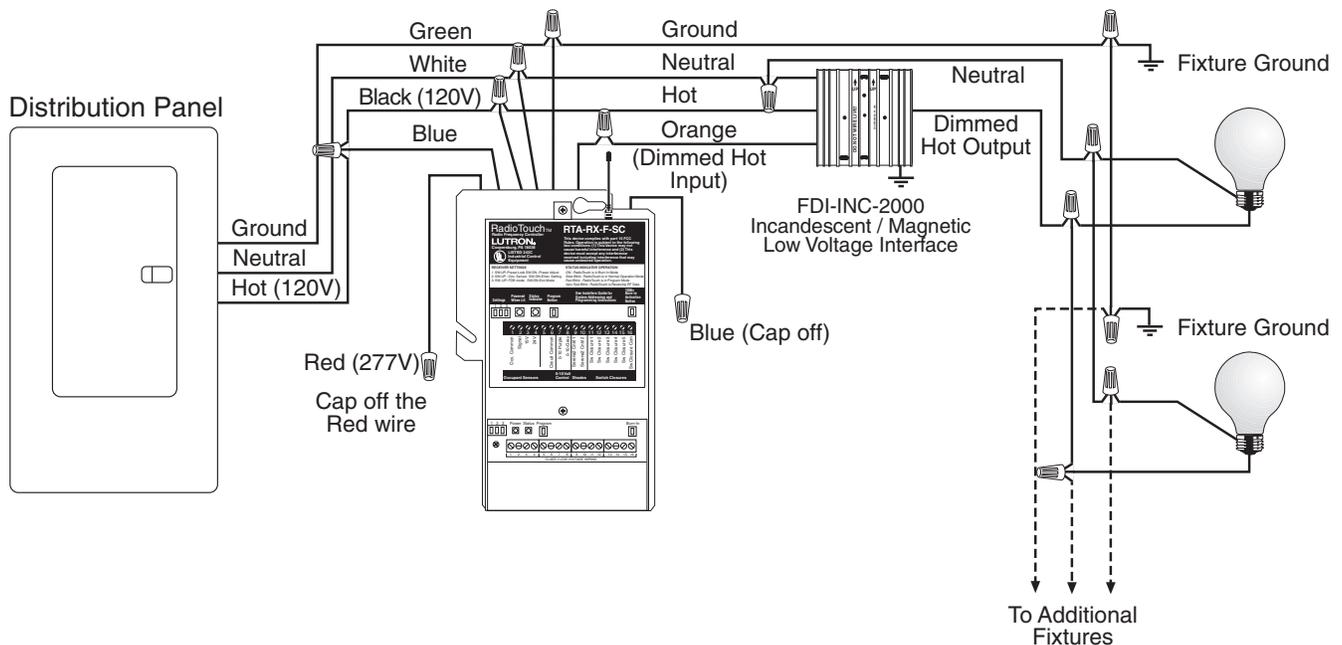
##### Incandescent Load and Control Wiring Using the FDI-INC-2000



**Danger** - Locate and lock the supply breaker in the OFF position, or remove the supply fuse before continuing.



The FDI-INC-2000 operates on 120 volts AC only.



## Wiring (continued)

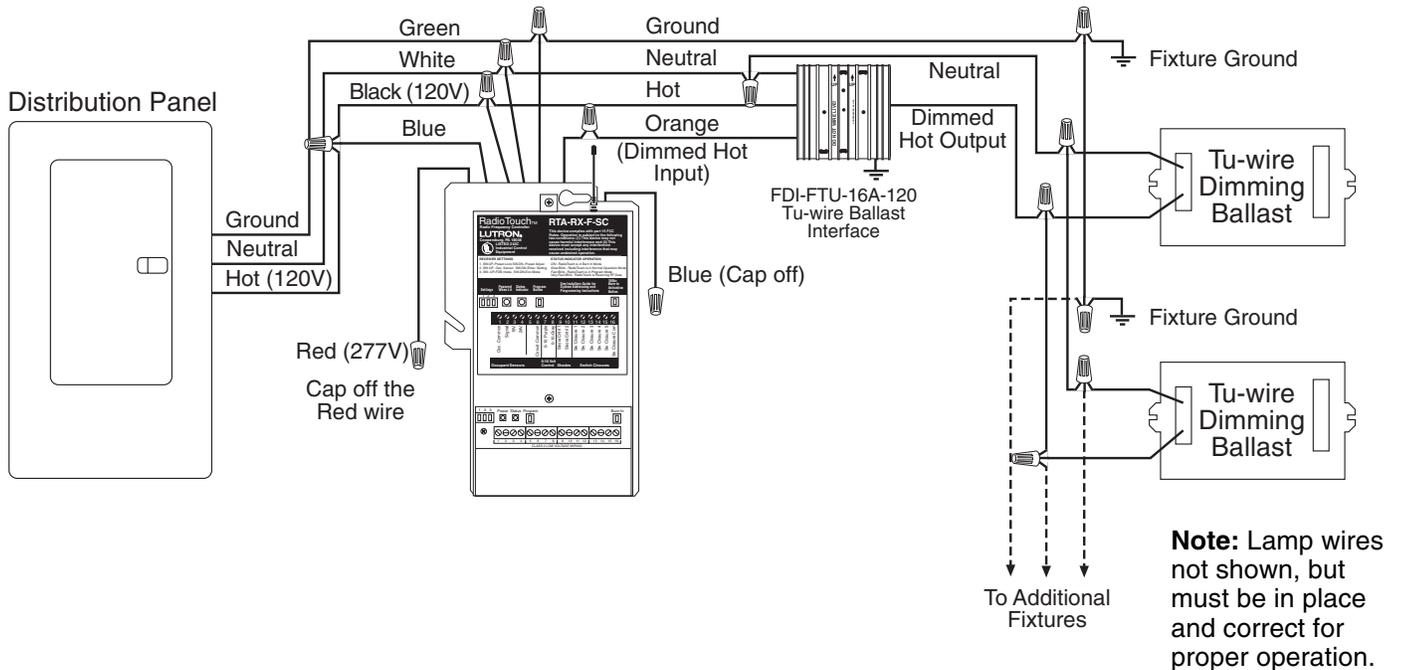
### Tu-wire Ballast and Control Wiring Using the FDI-FTU-16A-120



**Danger** - Locate and lock the supply breaker in the OFF position, or remove the supply fuse before continuing.



The FDI-FTU-16A-120 operates on 120 volts AC only.



### Worldwide Technical and Sales Assistance

If you need assistance call the toll-free **Lutron Technical Support Center**. Please provide exact model number when calling.  
 (800) 523-9466 (U.S.A., Canada, and the Caribbean)  
 Other countries call (610) 282-3800

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**Need additional assistance? Call the Lutron Technical Support Center 1-800-523-9466**

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