

## Tu-Wire Overview

*Tu-wire* ballasts are primarily intended for retrofit applications where fluorescent dimming must be achieved without changing the existing switching wiring scheme. *Tu-wire* ballasts require only two input wires (hot and neutral) that is used both for power and dimming control. *Tu-wire* ballasts offer high performance dimming from 100% down to 5% for linear and compact fluorescent lamps.

### Features

- Continuous, flicker-free dimming from 100% to 5%
- 2-wire line voltage control for wiring simplicity
- Models for T4 compact and T8 lamp types
- Programmed rapid start design will preheat lamp cathodes before applying full arc voltage
- Lamps turn on to any dimmed level without flashing to full brightness
- 1 in (25 mm) high, low-profile design for use in low-profile architectural fixtures
- Frequency of operation ensures that ballast does not interfere with infrared devices operating between 38 and 42 kHz
- Inrush current limiting circuitry eliminate circuit breaker tripping, switch arcing, and relay failure
- End-of-lamp-life protection circuitry ensures safe operation throughout entire lamp life cycle for T4 lamps
- Ultra quiet operation
- Protected from shorts between any one lamp lead and ground
- Low-line voltage protection circuitry prevents damage to the ballast or lamps if the ballast is connected to an incompatible dimmer
- 100% compatible with all Lutron 2-wire fluorescent controls
- 100% performance tested at factory
- Designed and assembled in the USA
- 5-year limited warranty with Lutron field service commissioning (3-year standard warranty) from date of purchase
- Ballasts that dim T4 compact fluorescent lamps are intended for factory installation by OEM fixture manufacturers



### Tu-Wire, case type A

3.00 in W (76 mm) x 1.00 in H (25 mm) x 4.90 in L (124 mm)



### Tu-Wire, case type B

3.00 in W (76 mm) x 1.00 in H (25 mm) x 6.75 in L (171 mm)



### Tu-Wire, case type C

1.18 in W (30 mm) x 1.00 in H (25 mm) x 18.00 in L (457 mm)

<p><b>Job Name:</b></p> <p><b>Job Number:</b></p>	<p><b>Model Numbers:</b></p>
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