

Ballast Control Interface

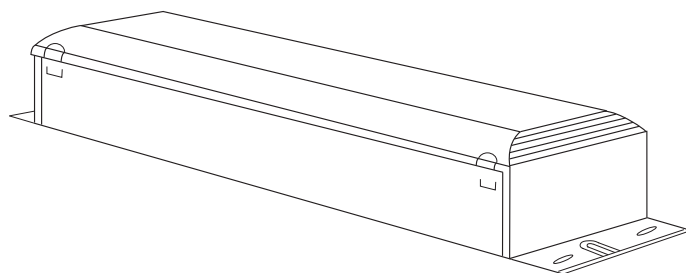
The Ballast Control Interface (BCI) provides an interface for 0–10 V_{DC} controllers to work with Lutron 3-wire dimmable ballasts, drivers, or interfaces (120–277 V_{AC}).

Features

- Controls up to 16 A of Lutron 3-wire dimmable ballasts, drivers, or interfaces
- Requires 120–277 V_{AC} 50/60 Hz power for internal operations
- Intended for installation into Listed Luminaire or Listed NEMA Type 1 enclosures

Model Available:

- BCI-0-10



Job Name:	Model Numbers:
Job Number:	

Specifications

Regulatory Approvals

- UL® Listed
- Listed Energy Management Equipment 5C81
- CSA Listed

Power / Performance

- Control Input Voltage: 0–10 V_{DC}
- Control Input Current: Source 500 µA
- Compatible Voltage: 120–277 V_{AC} 50/60 Hz
(phase independent of 0–10 V_{DC} dimming)

Key Design Features

- Capable of interfacing 0–10 V_{DC} controllers to Lutron 3-wire dimmable ballasts, drivers, or interfaces
- Controls up to 16 A of Lutron 3-wire dimmable ballasts, drivers, or interfaces

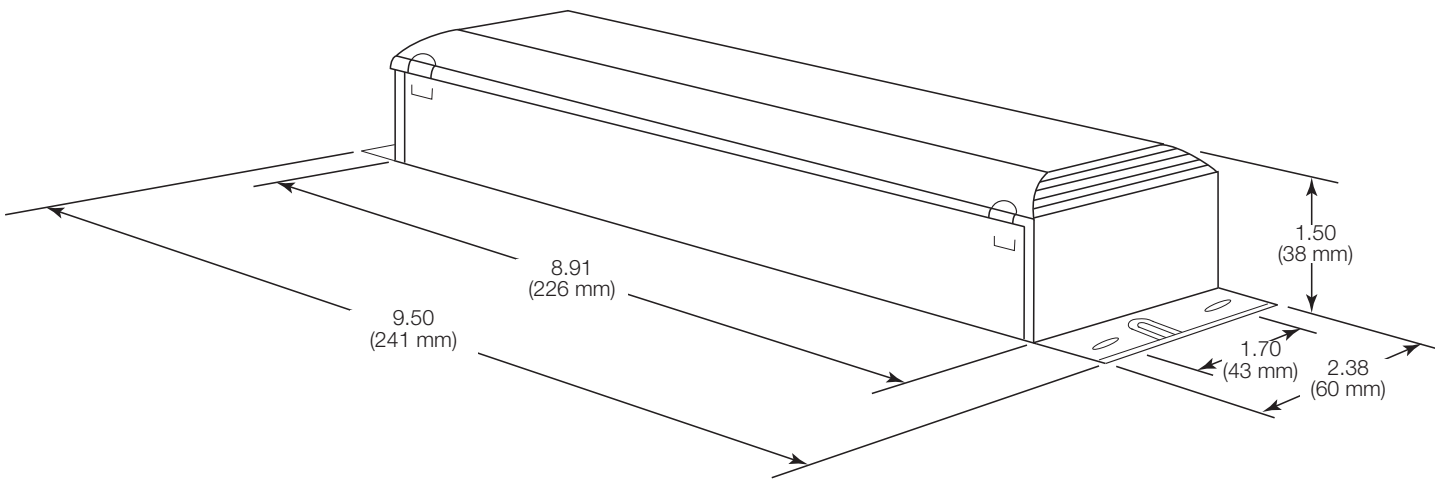
Environment and Operating Temperature

- Relative Humidity: maximum 90% non-condensing
- 32 °F to 104 °F (0 °C to 40 °C)
- Indoor use only
- Maximum Operating Temperature: 167 °F (75 °C)
on case

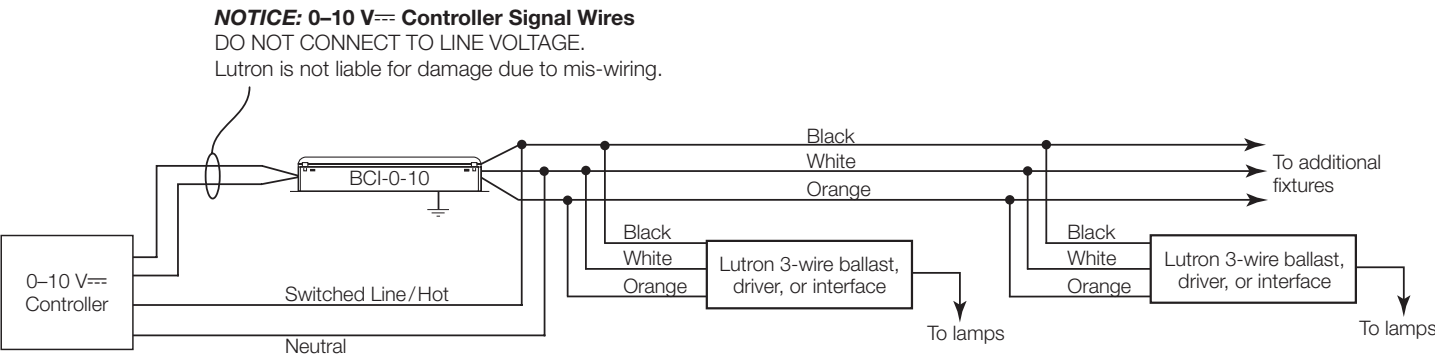
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Dimensions

Dimensions shown as: in (mm)



Wiring Diagram



NOTE: The BCI-0-10 interface can be located in any fixture on the circuit. It does not need to be in the first fixture.

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