



Board and driver LED standard systems for ceiling mounts

Standard Ceiling Options

CLED-3000 (for 16-20" dia ceiling drums):

42W, 3,000 lum, 0-10V dim

CLED-3000-PC (for 16-20" dia ceiling drums):

42W, 3,000 lum, leading edge phase control dim

CLED-3000-L3 (for 16-20" dia ceiling drums):

42W, 3,000 lum, Lutron 3-wire or EcoSystem 1% dim

CLED-4500 (for 18-24" dia ceiling drums):

4,500 lum in development (extended lead times may apply)

- superior optical engineering for even illumination
- 180-300% brighter than traditional incandescent
- equal to or brighter than 4-pin compact fluorescent
- > 70 lumens/watt
- > 80 CRI, 3000K standard
- 36,000 hr
- 1 circuit, 0-10V, phase control, or Lutron 3-wire and Lutron EcoSystem
- 5 year electrical warranty *



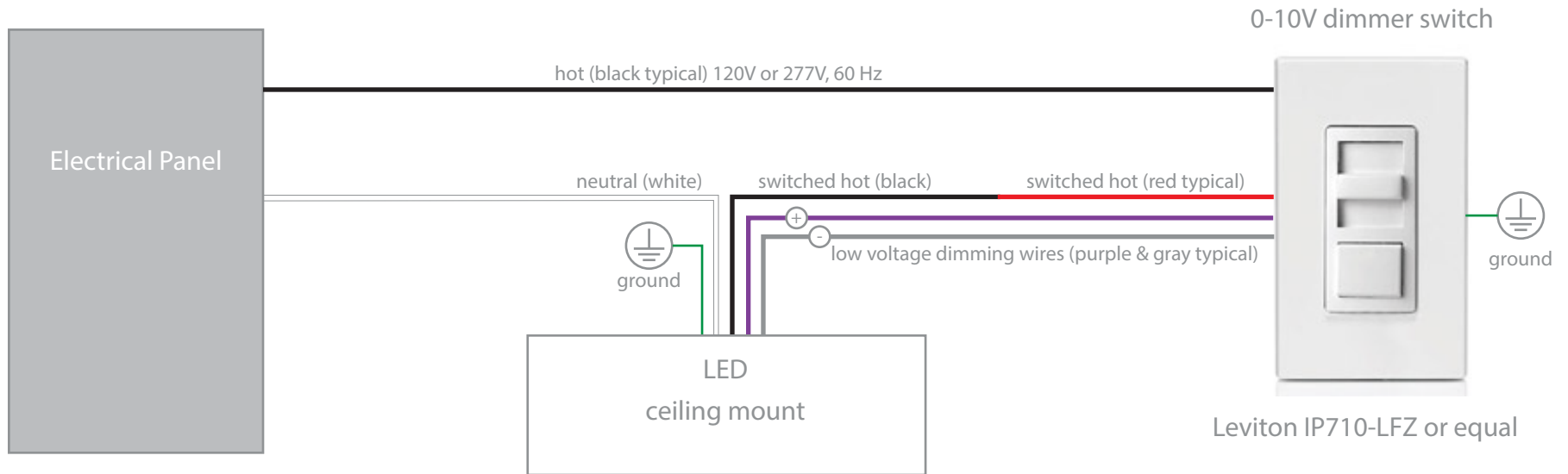
Crenshaw has carefully selected and engineered LED systems using the best leading edge technologies on the market to achieve our high quality standards for reliability, even illumination, and lumen outputs comparable to, and in some cases, brighter than traditional 4-pin compact fluorescent. Fixtures are CSA listed in our in-house testing laboratory using only component manufacturers with a proven track record in the industry for quality, performance, and long-term viability.

* Includes full OEM customer support during the period of the warranty.

** 6" min drum body height, 7" min bowl height recommended for even illumination

Due to continuous improvements and innovations, specifications may change without notice.

0-10V dimming wiring diagram



Leviton IP710-LFZ or equal

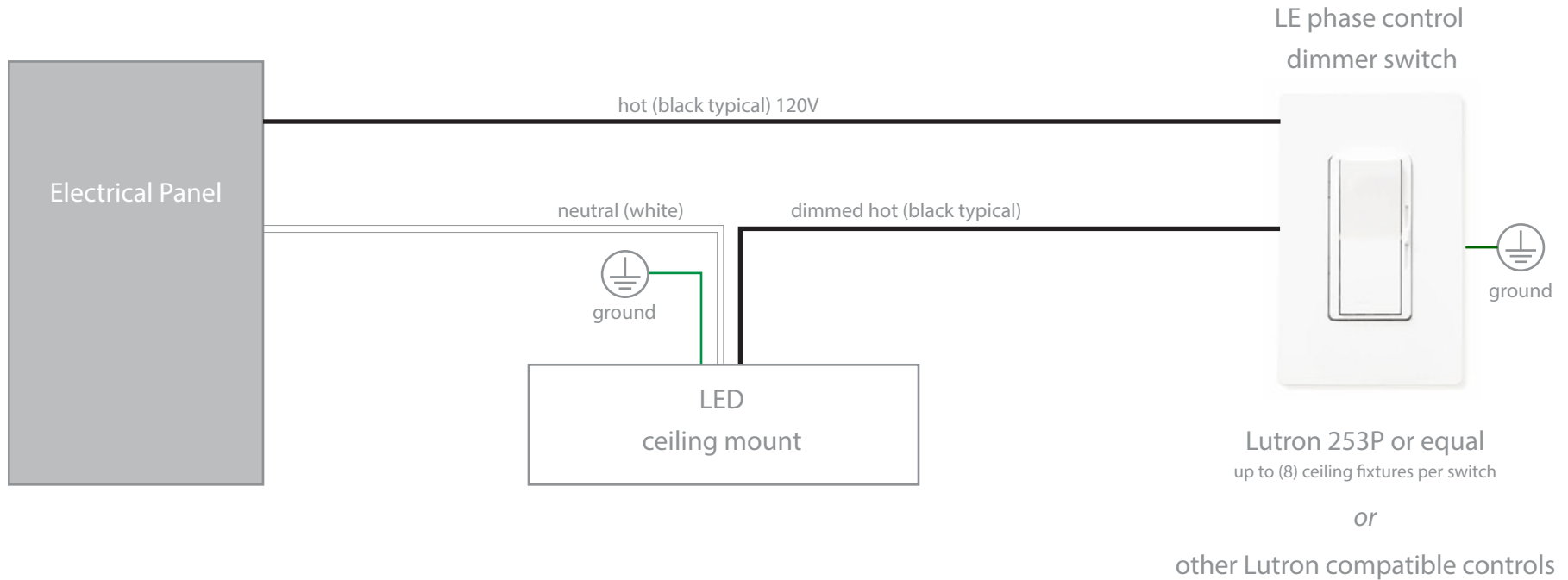
For other types of dimming control systems, consult controls manufacturer for wiring instructions

Refer to manufacturer for additional dimmer switch installation and configuration instructions.

* Controls information is offered as a courtesy, and should be used only as a guideline for selecting a suitable controls plan in consultation with controls expert and electrician.



Leading edge phase control (LE) dimming wiring diagram

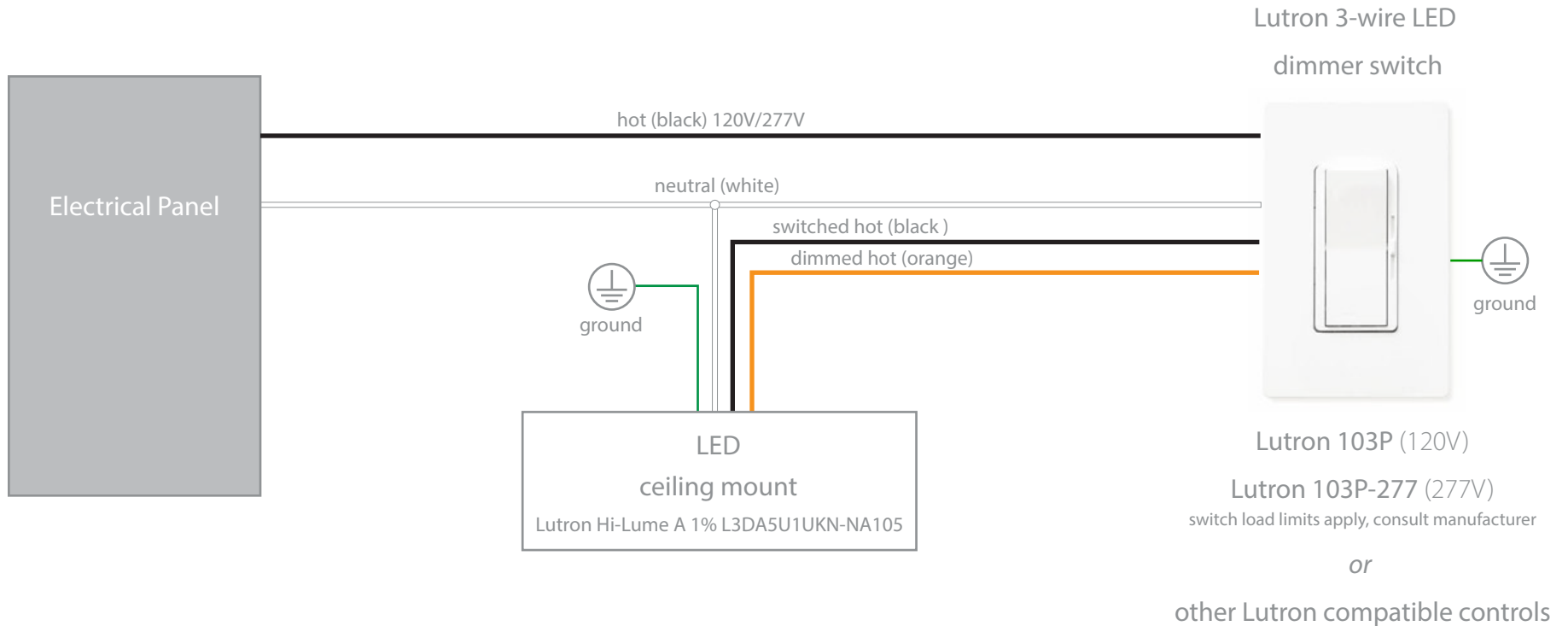


Refer to manufacturer for additional dimmer switch installation and configuration instructions.

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Lutron 3-wire LED dimming wiring diagram

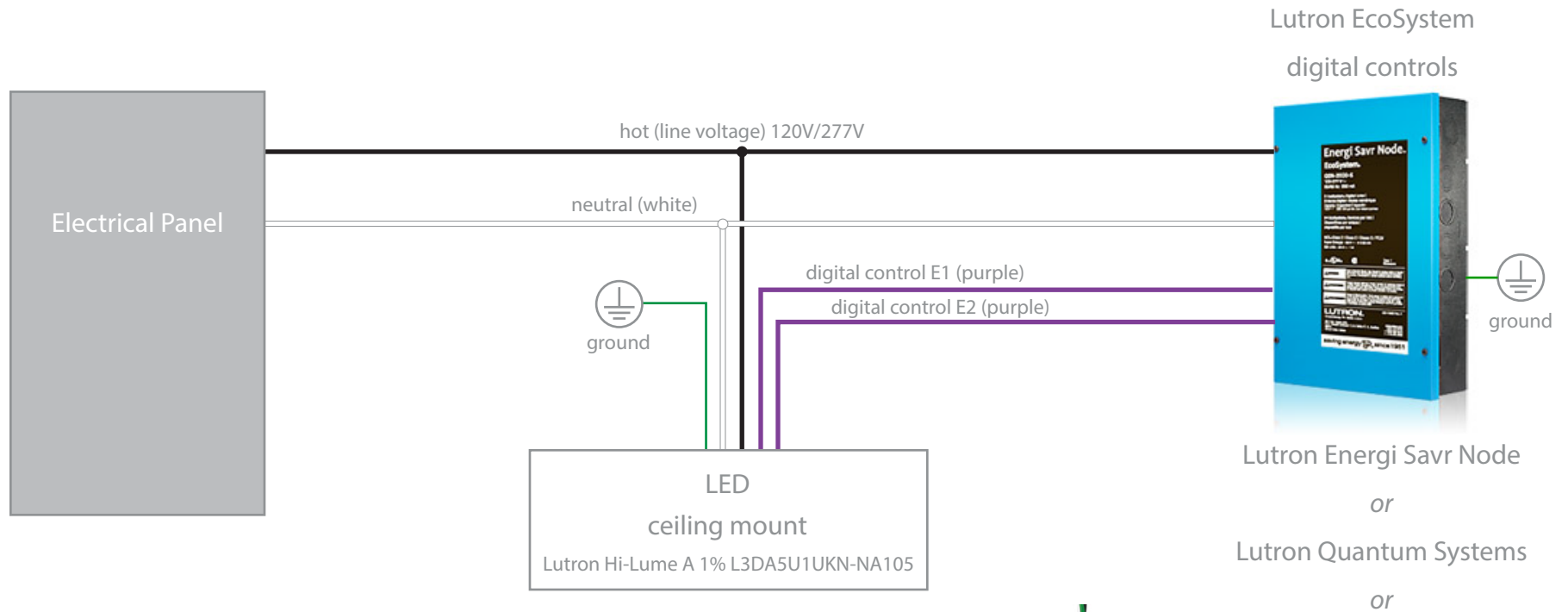


Refer to manufacturer for additional dimmer switch installation and configuration instructions.

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Lutron Ecosystem LED digital dimming wiring diagram

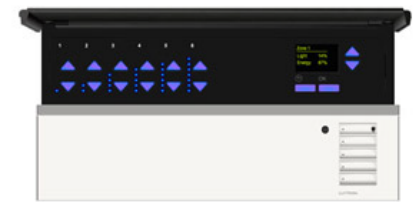


Refer to Lutron for detailed controls system specifications and installation guides.

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Lutron Power Pak Dimming Module
mounted external to fixture



Lutron Grafik Eye QS
Wireless Control Unit