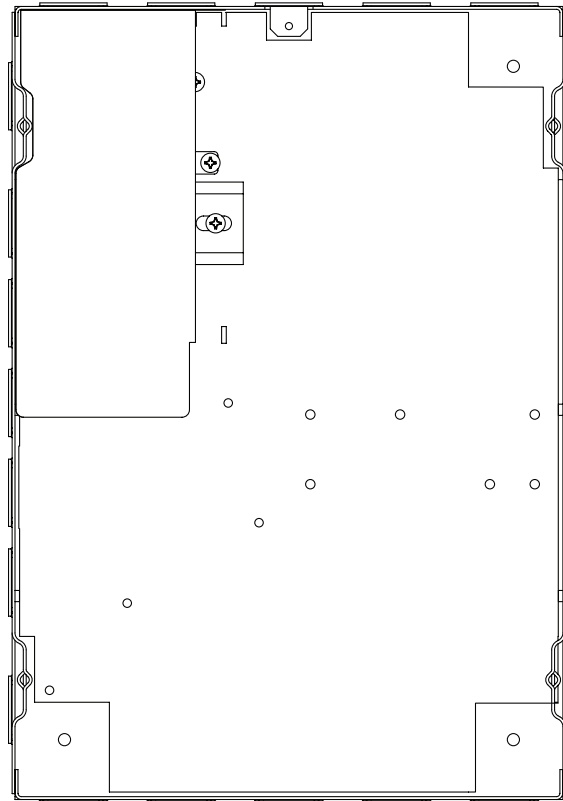


Low-Voltage Enclosure

Low-voltage enclosures may be surface-mounted in an electrical closet or equipment room. Both the number of enclosures and the types of components within them are customized to fit the size, lighting plan, and design of a home. Low-voltage enclosures can be distributed throughout the home near the rooms they are controlling, to provide maximum flexibility during installation of the low-voltage wiring. Low-voltage enclosures cannot house Remote Power Modules (RPMs).

14 in (35.6 cm) Low-Voltage Enclosure

The 14 in (35.6 cm) low-voltage enclosure provides a compact housing for mounting one processor or one system interface and up to two wire landing boards (QS-WLB). The enclosure accepts one 120 V~ (L-LV14-120) or 220-240 V~ (L-LV14-230) feed to power the panel, which is self-contained in an enclosed area, thus allowing access to only the low-voltage connections when the enclosure cover is removed.



Low-Voltage Enclosure

Model Number


L-LV14-120	120 V~ Low-Voltage Enclosure
L-LV14-230	220-240 V~ Low-Voltage Enclosure



Low-Voltage Enclosure Cover

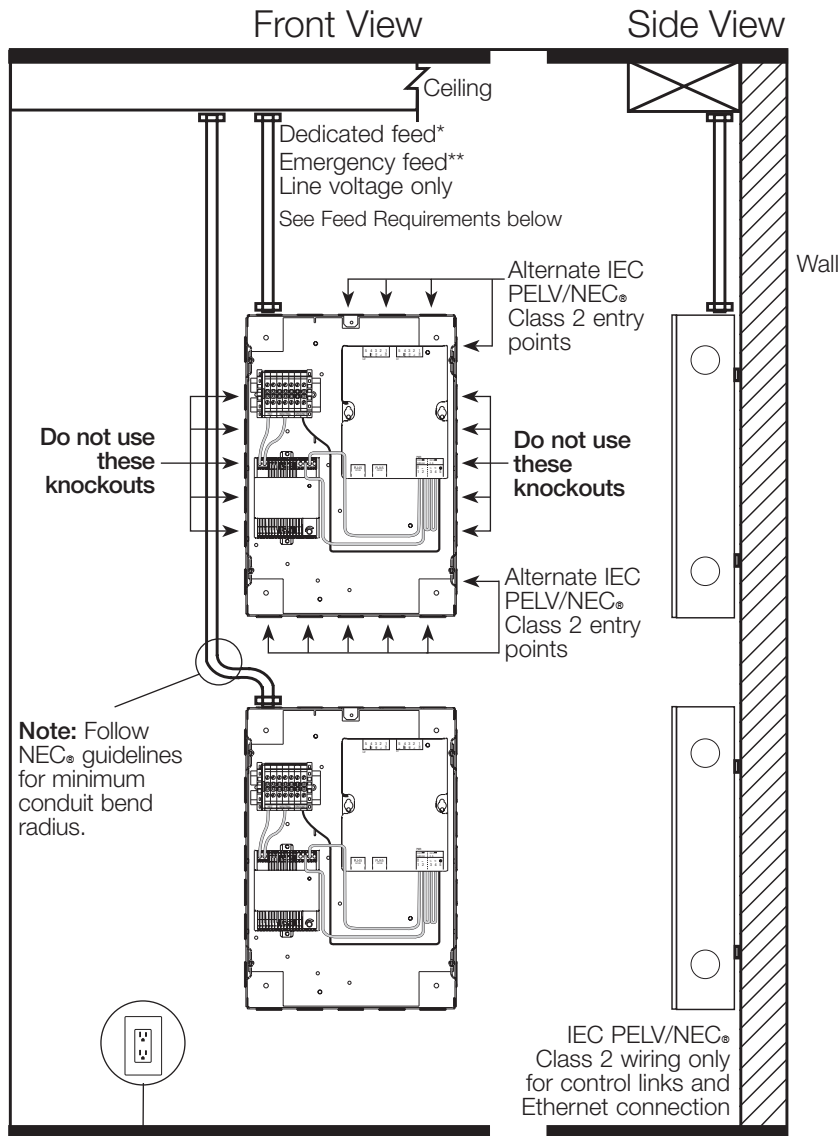
Low-Voltage Enclosure

Specifications

Model Numbers	L-LV14-120, L-LV14-230
Power	120 V~ 50/60 Hz 2 A (L-LV14-120) 220-240 V~ 50/60 Hz 1 A (L-LV14-230)
Regulatory Approvals	UL, CSA CE,  C-tick (L-LV14-230)
Environment	Ambient operating temperature: 32 °F to 104 °F (0 °C to 40 °C) Ambient operating humidity: 0% to 90% humidity, non-condensing. Indoor use only.
Mounting	Enclosure may be surface-mounted. Mount the enclosure so that line-voltage wiring will be at least 6 ft (1.8 m) from audio or electronic equipment and wiring. Mount Enclosure using the following method (mounting hardware is not provided): Surface Mount – Use keyholes with bolts sufficient for 100 lb (45 kg) load, 0.25 in (M6) bolts recommended. NOTICE: This equipment is air-cooled. Mount in a location where there is at least 12 in (305 mm) of clearance in front of the enclosure. NOTICE: Power supply will hum slightly and internal relays will click while in use. Mount in a location where such noise is acceptable.
Dimensions	Enclosure: 13.3 in (337 mm) x 9.2 in (235 mm) x 3.16 in (80 mm) Cover: 13.32 in (338 mm) x 9.32 in (237 mm)
Construction	Enclosure: 16-gauge powder coated sheet metal. Cover: 16-gauge powder coated metal cover. Cover is attached using four phillips-head screws.
Capacity	Enclosure can accommodate one processor or system interface device and two wire landing boards (QS-WLB).
Line-Voltage Connections	Use copper wire only, supply conductors rated at 167 °F (75 °C). Use supplied wire connections to connect to corresponding power supply harnesses.
Warranty	www.lutron.com/TechnicalDocumentLibrary/HomeWorks_Warranty.pdf www.lutron.com/TechnicalDocumentLibrary/HomeWorks_Intl_Warranty.pdf

Low-Voltage Enclosure

Mounting



Note: An outlet must be installed within 6 ft (1.8 m) of the panel. Outlet should not be on the same circuit as the panel. **Required for system start-up.**

Feed Requirements

*Lutron recommends using a dedicated circuit for lighting control devices.

**Emergency feed is recommended so that the system status can be monitored during an emergency event. If this is not required, normal power can be used.

Low-Voltage Enclosure Configuration

