LENDAR DESIGN INC.

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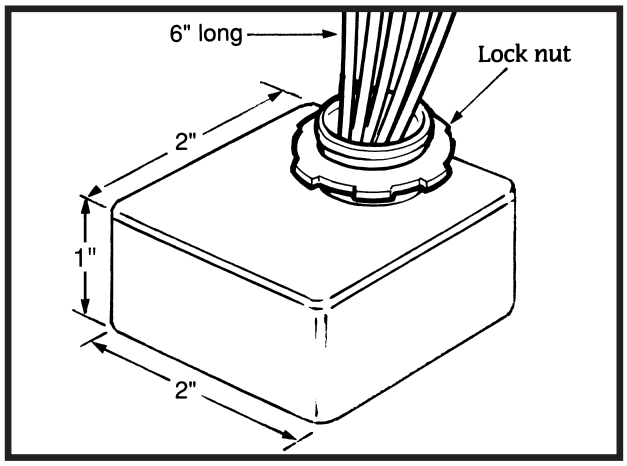
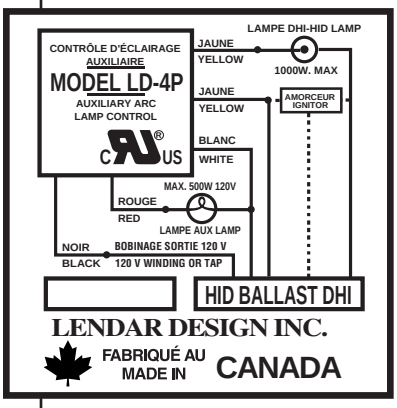
AUXILIARY ARC LAMP CONTROL Model LD-4P

SPECIFICATION SHEET AND OPERATION

- **This relay can be used with autotransformer ballast, isolated ballast or electronic ballast.**
- **This relay will turn on the auxiliary arc lamp (quartz, incandescent or fluorescent) during a cold start or a hot start and will turn it off automatically 2.25 minutes after HID lamp restrikes.**
- This relay can be used on most of HID lamp up to 1000 watts **reducing the inventory** of relays.
- It is a solid state encapsulated device which makes it compact and noiseless.
- It is a UL recognized component for Canada and U.S.A. and has a 12 month guarantee.
- It is supplied with 200˚C leads and will work at 96˚C.
- It is rated 500 watts at 120 volts for the auxiliary lamp.
- It has a black plastic housing for a better insulation.





The wiring diagram shows how the relay should be connected:

- The **white** lead is the common connection for the neutral of the AC to the ballast and the auxiliary lamp.
- The **black** lead is connected to the 120 volts either direct from the line or from a tap of the ballast.
- The **red** lead is connected to the auxiliary lamp.
- The **yellow** leads are connected in series with the HID lamp to sense current.