



## Instructions for UL Classified Starter / Ignitor Disabling and Luminaire Conversion for Ignitron™ Lamps

The starter / Ignitor must be disabled when an Ignitron lamp replaces a conventional HPS lamp. Starter / Ignitor disabling is possible on **core and coil ballasts** only. Encapsulated magnetic, and electronic ballasts with an internal ignitor cannot be disabled and therefore cannot be used with Ignitron lamps. Follow the instructions below to insure a safe and reliable conversion of luminaires that contain core and coil ballasts.

1. Turn off the power to the luminaire
2. Open the luminaire to expose the ballast wiring
3. Locate the wiring diagram on the ballast or inside the luminaire and compare to Figures 1 to 6 to and determine the type of ballast system. Use Figure 6 for starter systems that contain a circuit board.
4. Locate the lamp shell wire coming from the lampholder (Usually a white wire)
5. Follow the lamp shell wire to the starter / Ignitor to identify the common or X2 wire on the starter / Ignitor. The lamp shell wire will be connected to the common or X2 wire of the starter / Ignitor.
6. Disable the starter / Ignitor by cutting the wire in the location shown in the appropriate wiring diagram.
7. Cap or connect both ends of the cut wire with a UL listed wire nut. Never tape the wire ends!
8. Install the UL Luminaire Conversion label, supplied with the lamp, within the luminaire housing in an appropriate location so that it is visible during lamp replacement and so to protect the label and not degrade the performance of the luminaire. The UL Luminaire Conversion Label is rated -40°C to 150°C; for indoor/outdoor use; and may be used on the following surfaces: Aluminum (AL), Galvanized steel (GS), Polyester paint (PER PT), and Stainless steel (SS).

