

NEC Quick Disconnect Requirement

- National Electrical Code Rule Article 410.73 (G) disconnect effective dates:
 - 1/1/08 double ended-lamp fluorescent luminaires or ballasted luminaires
- Canadian Electrical Code Rule 30-308(4) disconnect requirement >150V effective dates:
 - June 1, 2007 double ended-lamp fluorescent luminaires
 - June 1, 2010 pin-base compact fluorescent luminaires
- 120V luminaires do not require a disconnect in Canada and disconnects may be installed at time of installation in the US
- UL does not require that luminaires nor ballasts ship from the factory with a disconnect device. UL allows field installation of luminaire disconnect devices.
- Luminaire/ballast manufactures support field installation for the below reasons:
 - All luminaires require use of connectors at time of installation (top photo)
 - Field installation of a disconnect merely substitutes one type of connector for another (bottom photo)
 - Field installation improves the reliability (and safety) of the connection
 - Wire connection is not subject to stresses during shipping
 - Reduced "metal fatigue" on leads
 - Connections do not have the opportunity to "come loose"
 - Standardization of mating parts
 - Standardization of connector type among OEMs

