

Operating instructions:

Energy-saving lamps practice is a compact, bring their own ballast fluorescent lamp, energy-saving lamp was lit up first after the electronic ballast to tube filament heating, filament beginning launch electronic (as in the filament with some electronic powder), electronic collision in filling in the tube argon atom, argon atom achieved after collision impact energy and internal mercury atoms, mercury atoms in absorbing energy transition after ionization produced, in the tube a plasma. Tube ends voltage directly through the plasma conduction and sent out the nm ultraviolet ray, ultraviolet light up phosphors, because when the temperature of the filament fluorescent light work in about 1160K, the temperature of the work than incandescent lamp 2200K-2700 K is much lower, so its life also big progress, to hours, because it uses the high efficiency electronic ballast, also does not exist incandescent lamp that current heating, phosphor energy conversion efficiency is very high also, arrived at each tile above 50 lumens, so save electric energy.