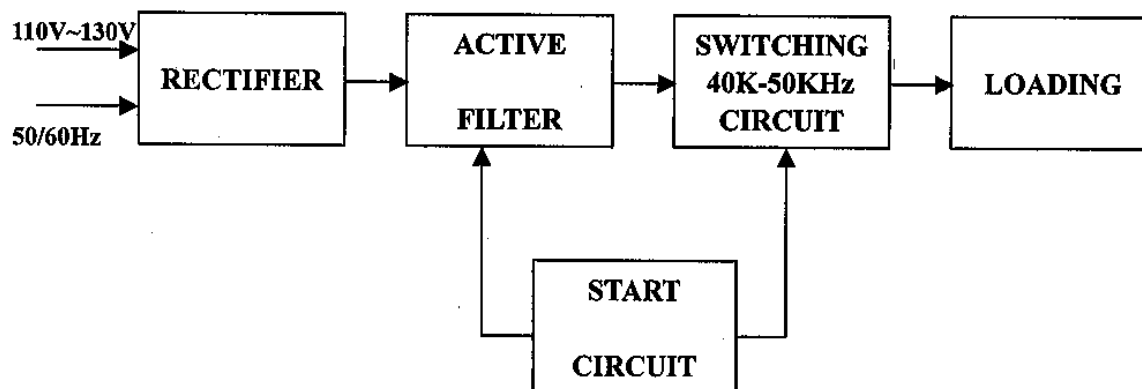


# SHUNDE CORSO ELECTRONICS CO., LTD.

## ENERGY SAVING LAMP

**MODEL: CMTL-9W CMTL-13W CMTL-15W CMDU-10W CMTU-13W CPOBR-8W CPOBR-12W  
PAR-38 15W  
CMTL-25W**

Operating Frequency: 40K-50KHz



### Self-ballasted lamp circuit description.

The AC supply will input electricity into starting up capacitor after getting through commutating filter. When the both ending voltages of capacitor rise to touching off diode's turning voltage, switching audition Q2 begin to lead electricity. And the pulse transformer, 2 switching auditions, choke and tube capacitor consisted of LC network will form syntony in series. In the two ends of tube capacitor will generate a high-pressure pulse to stress onto lamp tube and make it start up. Choke will strict with lamp current after starting up of tube. At this time the LC network's operating frequency is 40-50Hz.