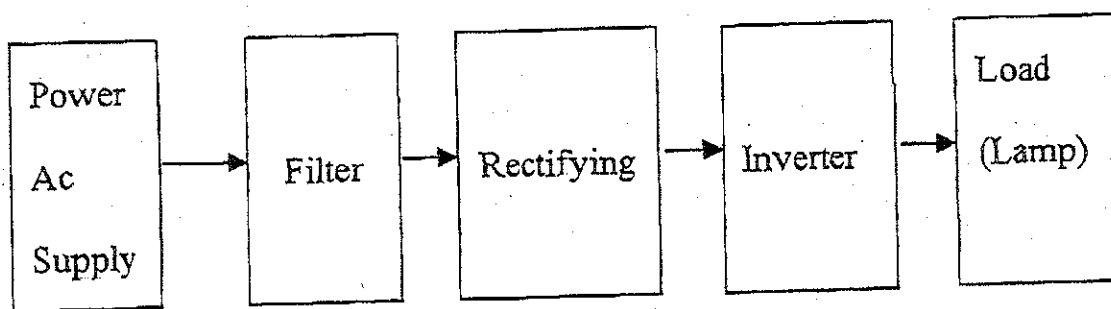


Way of working

Through anti-interference, rectifying, and filtering, the AC power supply is turned into DC 150v for the next circuit. Capacitor -C3 is charged by way of R4, R1. when the current reaches the transient voltage of diode -D6, a forward current is provided to V2. (for the negative impedance characteristic of D6). V2 becomes passing C6, lamp wire, C7, C8, the first coils of Tr, choke-coil L2 and V2, C7 and C8 is charged. at the same time, the inductive electrical potential Created in the first coils of Tr passes on to the next coils. the inductive electrical potential makes the basic electrical potential of V2 change to negative, V2 becoming stop and V1 passing through. This repeatedly occurs and immediately leads to the resonance of LC series circuit formed by L2, C6, C7, C8. the frequency -f is decided by the amount of the inductive electricity and values of C6 C7 and C8. For series resonance functions as voltage resonance, C7 and C8 create a limited high voltage to start the lamp.



PRODUCTION SPECIFICATION

Su zhou Jing Kang Rong Lamps Co, Ltd. Is an Enterprise organized by so-called third-capitals system, specializing in manufacturing new and innovative power saving lamps with three primary colors, an electronic adaptor and a compact fluorescent bulb under the Brand "JKRL" with 150 various kinds of specification units in nine series.

JKRL's Self-Ballasted Lamps is the most popular and efficient lighting choice for energy saving. They replace incandescent bulb, the characters is following as:

- ◆ A modern Self-Ballasted Lamp generates more than 55 lumens per watt, but incandescent bulb only output to 8 lumens per watt.

- ◆ Compact size...up to 80% energy cost savings.

These compact (5.0 " to 7.0 "long) and lightweight (4-5 ounce) lamps replace much higher wattage incandescent bulbs and offer the opportunity for substantial energy cost savings . Save \$50.00 to \$ 65.00 in energy costs per socket. *

*8 cents per KWH over average rated life of compact fluorescent.

- ◆ Lasts 10 times longer than incandescent lamps

All JKRL lamps last an average of 8000 hours. That's 10 times longer than the incandescent bulbs they replace, reducing lamp replacement labor and maintenance costs.

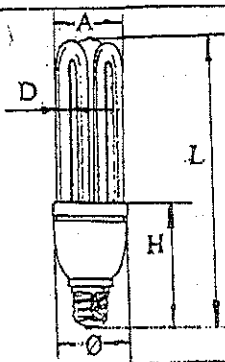
- ◆ Excellent color

Rare-earth phosphors create a warm, incandescent-like atmosphere (2700K-3200K) with excellent color rendering (81CRI).

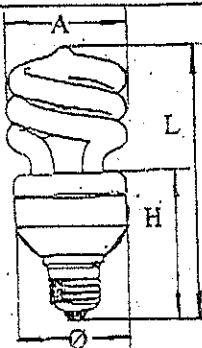
◆ Recommended Uses:

- ◆ Table lamps
- ◆ Down lighting
- ◆ Corridor lighting
- ◆ Wall Sconces
- ◆ Post Lighting
- ◆ Office
- ◆ Hotel/Motel
- ◆ Industrial
- ◆ Restaurant
- ◆ Retail
- ◆ Residential

YER-2

	W	Ø	A	H	D	L
	20	2.16"	1.02"	2.95"	0.47"	6.5"
	23	2.16"	1.02"	2.95"	0.47"	6.7"
	26	2.16"	1.02"	2.95"	0.47"	7.0"

YER-3 (Screw Bulb)

	W	Ø	A	H	L
	20	2.36"	2.68"	2.68"	5.0"
	23	2.36"	2.68"	2.68"	5.6"
	26	2.36"	2.68"	2.68"	5.8"