



INDUCTION LAMPS (Electrodeless Fluorescent Lamps)



HISTORY OF THE INDUCTION LAMP:

Although Induction Lamps is a promising technology which features good efficiency and long life... it is not new.

It was first introduced in the 1880's by J.J. Thomson after initial discovery by Johann Wilhelm Hittorf. It wasn't until 1967 when John Anderson develops the first reliable electrodeless lamp. In the 1990's, Philips Corporation develop the QL induction lamp series and Michael Ury & Charles Wood develop the sulfur lamp which is the first form of "plasma lamp". Further development in 2000's by Andrew Neate introduces the High Efficiency Plasma which is a cross between the induction lamp and metal halide lamp. Amko solar in 2005 develops the dimmable fluorescent induction lamp.

ADVANTAGES:

- Long Lifespan due to the lack of electrodes. Between 25,000 & 100,000 hrs depending on lamp.
- Very high energy conversion efficiency of between 62 and 90 lumens and are more energy efficient.
- High power factor due to the low loss of the high frequency electronic ballasts.
- Minimal lumen depreciation compared to other lamp types as filament evaporation and depletion.
- Instant-on and hot re-strike.
- Environmentally friendly.

LIKE LED ... INDUCTION LAMPS ARE ANOTHER NEW ALTERNATIVE TO FLUORESCENT LAMPS, CALL US TO SEE WHAT IS BEST FOR YOUR NEEDS.



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