

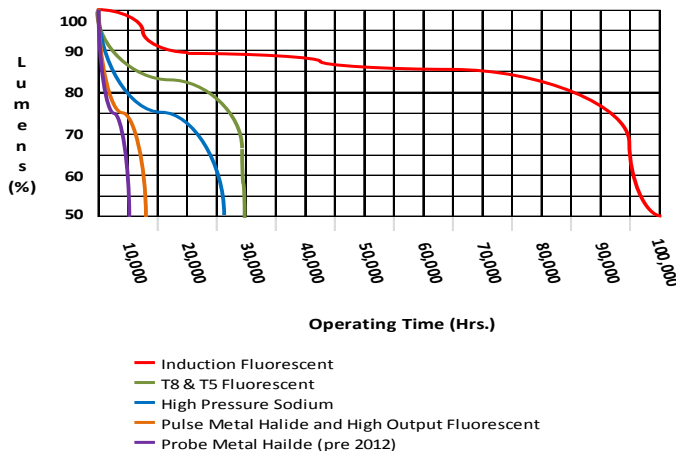
JEC – Induction Lamps

JEC – How Induction Fluorescent Technology Works

The induction coil produces a very strong magnetic field which travels through the glass and excites the mercury atoms in the interior which are provided by a pellet of amalgam (a solid form of mercury). The mercury atoms emit UV light and, just as in a fluorescent tube, the UV light is up-converted to visible light by the phosphor coating on the inside of the tube. The system can be considered as a type of transformer where the inductor is the primary coil while the mercury atoms within the tube form a single-turn secondary coil.



Luminance Maintenance



JEC – Induction Lamps are the clear energy savings choice for existing H.I.D. Lighting

Years of Maintenance Free Service

- 5 Year, No Hassle Warranty
- 100,000 hour rated life (22 years at 12 hours per day)
- High Efficacy (70 – 90 lumens per watt)
- Instant on/off, no flickering or buzzing
- Minimum Lumen Depreciation over life cycle
- Low Harmonic Distortion: THD >10%
- High CRI – 82 or better

Perfect for Many Applications

- Parking Lots and Parking Garages
- Warehouses, Gymnasiums, Retail Spaces
- Replaces all Metal Halide and Sodium Vapor Lamps
- Induction Lamps can be retrofitted into most existing fixtures
- Universal Input Voltages AC90V-300V
- Lamps Available in 40watt – 400watt

Go Green! With Energy Savings & Sustainability

- 50-80% Energy Savings when replacing Metal Halide or Sodium Vapor Lamps
- Less mercury used over life when compared to other types of lighting
- Mercury is in solid form, can easily be recovered if lamp is broken or at end of life for recycling
- Utility Rebate Approved Product

Stop Replacing High Wattage, Short Life H.I.D. Lamps and Ballasts!!!!!!

JEC – Induction Lamps Offer:

- Greater Energy Savings
- Longer Life
- Better Light
- Better ROI



Contact JEC Energy Savings for a free sample installation

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