

## Gardco Garage Retro-fit

The following is a retro-fit of a very popular parking garage fixture. The retro-fit consists of an 80-watt induction lamp and ballast by AES and replaces the existing 175-watt vertically mounted metal halide or a 150-watt high pressure sodium lamp. The new compact shape made for a perfect solution to the usual metal halide maintenance problems or the ugly golden hue of the HPS.



The AES 80-watt induction has the following features and benefits:

- 100,000 hour rated lamp life (20 years based upon 12 hour per day operation).
- 100% electronic ballast with low EMI. No flicker.
- A 10 year warranty for the lamp and ballast system.
- 80 lumens per watt & 80% lumen maintenance over rated lamp life.
- 90 CRI, assortment of Kelvin temperatures, & no color shifting, ever!
- Instant start at  $-35^{\circ}\text{C}$  ( $-31^{\circ}\text{F}$ ).

The estimate to replace the existing metal halide lamp & ballast with the complete self-contained kit was 10-12 minutes per fixture. The result was a fixture that had the same light level & the same distribution while creating less lamp glare and brightness. Each fixture reduced the connected load by 120 watts. The end user expects substantial energy savings, the ability to include more fixtures on the backup emergency generator and have a zero maintenance issue. **Most importantly, the end user realizes the reduction in his company's liability.**

For more information please contact:

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