

**BHK** offers two lines of mercury grid lamps: Standard & High Output. High Output Grid Lamps offer as much as 2-3 times the energy level of our standard grid lamp and are used in applications where speed of process is directly related to the amount of light intensity available. The primary requirement, is **uniform, high intensity short wave UV radiation over a specified given surface.**

**BHK** Grid Lamps are made of high quality fused silica, synthetic fused silica (for maximum 185nm output) or ozone free fused silica. To ensure the best possible uniformity, with maximized intensity,

**BHK** Grid Lamps are mounted and backed with the most efficient UV reflecting material available. A closely controlled manufacturing process, combining strict quality control with a detailed final inspection and testing process, ensures the highest quality and performance from all of our grid lamps. Standard sizes range from 4" x 4" to 16" x 16". Custom sizes are available upon request.

*A full line of power supplies are also available.*

*Ask for our Power Supply Data Sheet for a complete selection.*



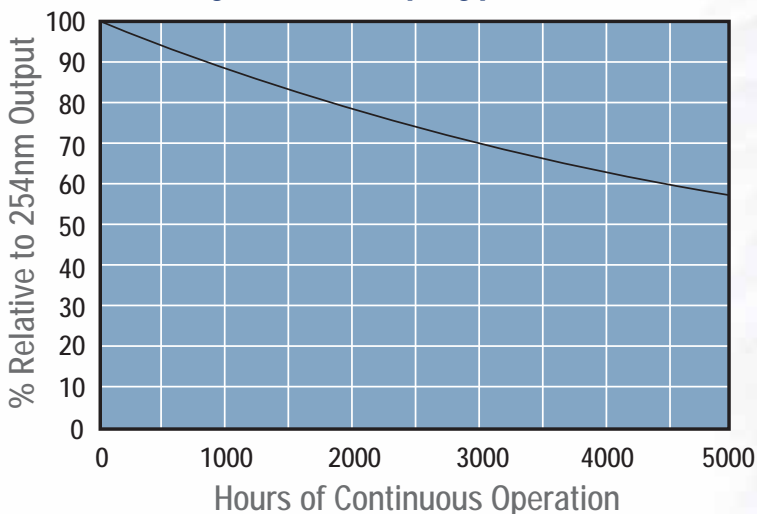
### Features

- *Serpentine Design allows for Uniform High Intensity Output*
- *Ozone Free & Ozone Producing Quartz Available*
- *Custom OEM Configurations*
- *Application-Specific Reflector Designs*
- *Custom Hot or Cold Cathode Lamp Configurations*
- *ISO 9001:2008 Certified*

### Applications

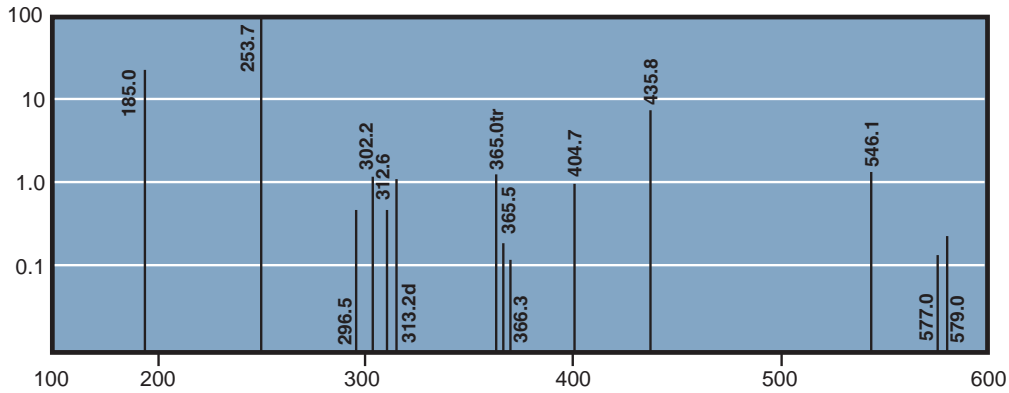
- *UV Ozone Cleaning of Electronic Components*
- *LCD Backlighting*
- *Wafer Cleaning*
- *Air & Water Purification & Sterilization*
- *Transilluminators*
- *EPROM Erasing*
- *UV Curing*
- *Custom OEM Applications*

**Mercury Grid Lamp Typical Life Data**

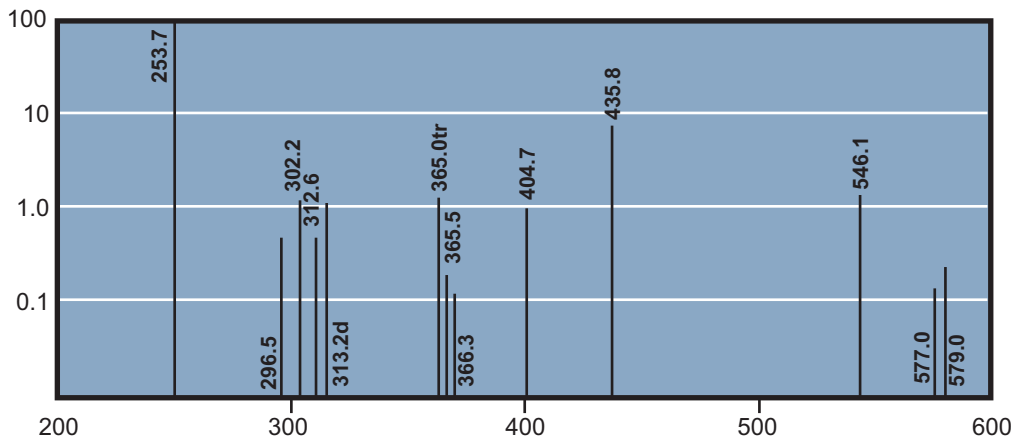


# Mercury Grid Lamps

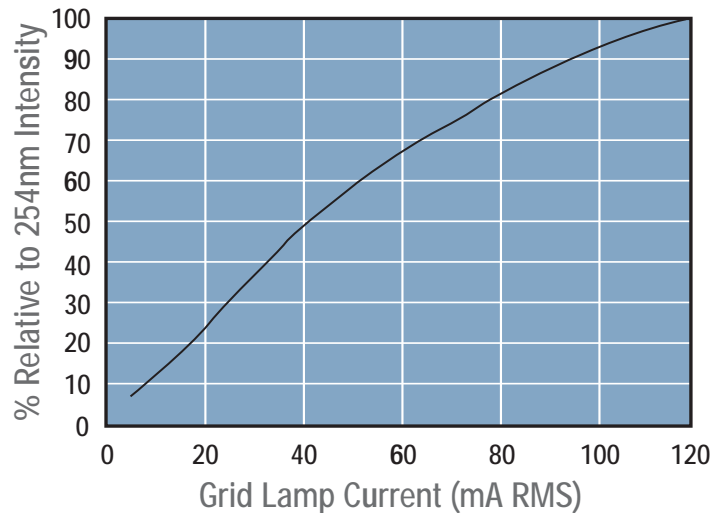
## Grid Emission Data (ozone producing)



## Grid Emission Data (ozone free)



## High Output Mercury Grid Lamp Performance



**WARRANTY** - 1 Year or 3500 Hours to Half the minimum specified intensity.



More Than A Lamp Manufacturer

760 E. Sunkist Street • Ontario, CA • 91761 • 909-983-2973 • FAX 909-986-7891

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