



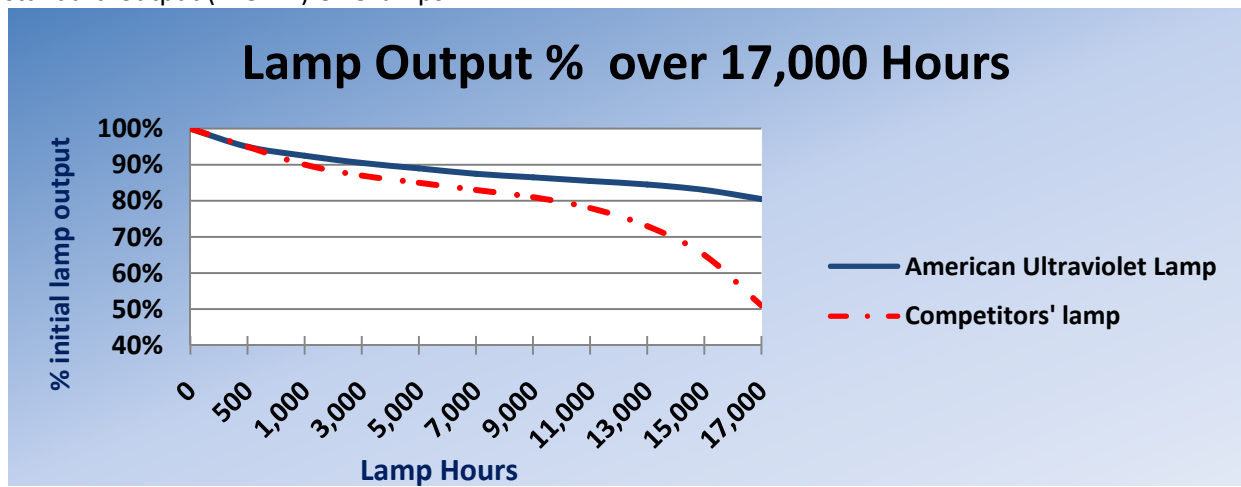
What does a 17,000 hour UVC lamp mean to you?

With over 47 years of experience in the UV industry, American Ultraviolet is proud to be the only company offering a true 2-year UVC lamp which retains over 80% of initial output over its 17,000 hour life. Most other companies can offer, at best, a 9,000 hour lamp life before dropping below 80% of initial output.

2 years without a lamp change means...

- **50% lower upkeep costs versus replacing lamps every year**
- **Reduced labor requirements**
- **Output at the 2-year mark equal to or better than competitors' lamps output at 1 year mark**
- **Better IAQ due to higher lamp output over time**

The chart below compares (2) High Output UVC lamps rated for the same initial output (intensity). One is a standard high-output, high mercury content UVC lamp used by our competitors, while the other is AUV's long-life, low mercury "Green" proprietary lamp technology. As early as 1,000 hours (just 41 days) into lamp use, our competitors' lamps have lost *at least* 10% of their initial output while American Ultraviolet's high-output "Green" lamp maintains 95% efficiency. This effectively gives you 16,000 hours of more stable, consistent, higher output than one gets with our competitors' high-output (800mA) or standard-output (425mA) UVC lamps.



"Green" UVC Lamps?

Many new specs are calling for "low mercury" or "Green" germicidal lamps containing < 10mg of mercury (Hg). These lamps are attractive because "low Hg" lamps can be disposed of in normal landfills and are not considered hazardous waste. The *big* drawback with these "low Hg", soft-glass germicidal lamps is the fact that they are available *only* in standard output (425mA), which makes them less effective in quickly cleaning up fouled, mold-laden coils and hurts their ability to achieve adequate pass-by disinfection of airborne viruses and bacteria.

American Ultraviolet is proud to be the first and only company to offer lamps meeting the following specification:

- **≤ 8mg Mercury (Hg)**
- **High-Output/800mA** (standard output/425mA available for appropriate applications)
- **17,000 hour lamp life with ≤ 20% output drop from 0 to 17,000 hours**

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