

PEN-RAY LAMPS

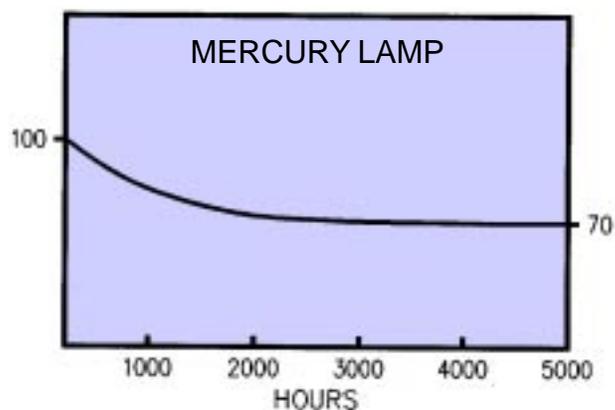
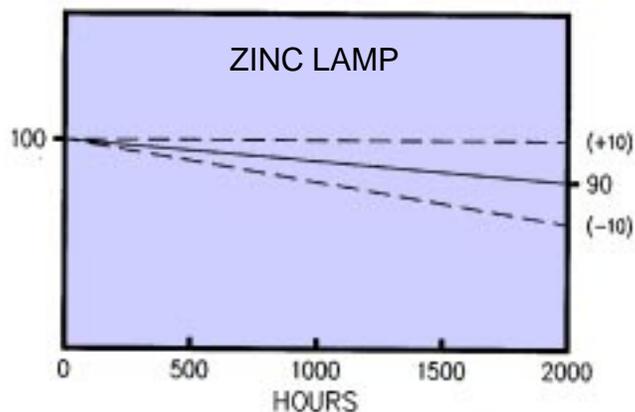
Pen-Ray Lamp Profiles

Zinc and Mercury typical life profiles are based on established history of average life studies performed by UVP. While not a guarantee of individual performance, we believe that it reflects a typical lamp.

Pen-Ray Lamp Polarity Plot

The graph shown below illustrates relative 254nm output intensities versus the orientation of the double bore tube. This may be used to determine placement of the lamp for optimum efficiency. The concentric rings represent measurements at different distances from the lamp.

Orientation collars are available for most Pen-Ray Lamps. Refer to Stock Designs for standard model configurations offering orientation collars. Options for customizing Pen-Ray Lamps, page 8, further discusses this orientation.



Polar Intensity Plot

Relative 254nm output from Mercury Pen-Ray Lamp using an untreated fused quartz envelop.

Greater distance from center indicates high intensity. The * indicates lamp to sensor distance.

