amalgam lamp

Intense source of ultraviolet (185 and 253.7 nm) radiation produced by an electrical discharge in a lamp with the inner side covered by an amalgam of mercury with another element such as indium or gallium to control the vapour pressure of the mercury. These lamps have 2-3 times the UV output for the same wavelength as the standard low-pressure mercury lamp.

Source:
PAC, 2007, 79, 293 (Glossary of terms used in photochemistry, 3rd edition (IUPAC Recommendations 2006)) on page 302