

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