Telecom

Mercury Short Arc Lamps

Imaging

HSH2002NIEO Lamps for Photolithography



Description

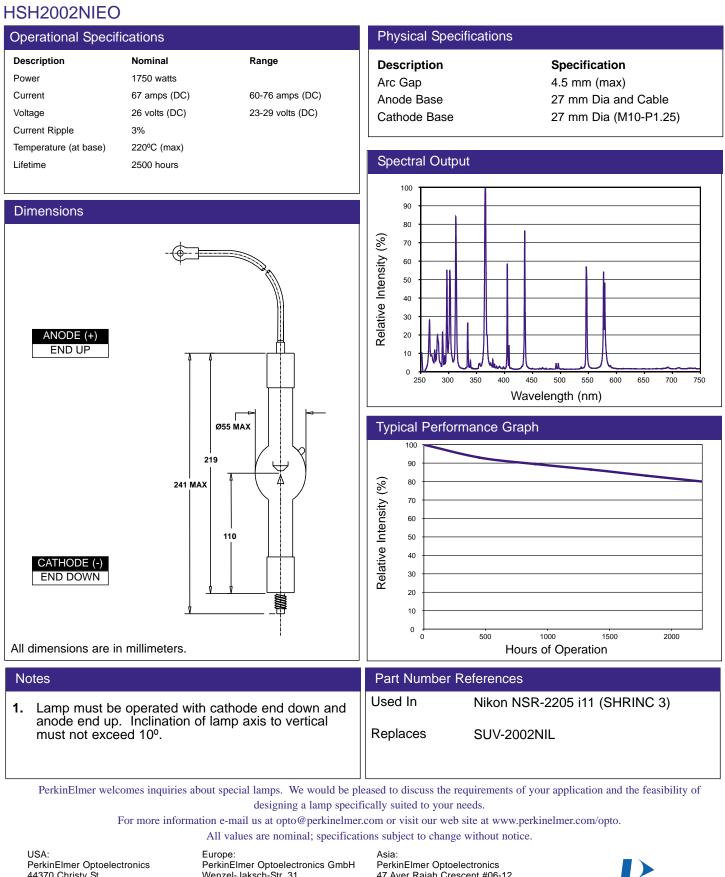
PerkinElmer Optoelectronics is a leading manufacturer of mercury short arc lamps ranging in output power from 1000 to 8000 watts. These lamps are used in the production of printed circuit boards, liquid crystal displays and semiconductors. The HSH Series lamps are used worldwide in microlithography systems manufactured by ASML, Canon, GCA, Nikon, Karl Suss, Ultratech Stepper, and SVG. With extremely high stability, uniform output distribution and extended lamp lifetimes, the HSH Series has become the lamp choice of many of the world's leading semiconductor manufacturers.

PerkinElmer has been a leading manufacturer of high intensity arc lamps for more than 30 years and is a premier lamp supplier for solid state lasers, medical equipment, NASA space systems and microlithography. PerkinElmer has steadily advanced lamp performance from 1000 watts to 8000 watts. With the introduction of new materials and proprietary manufacturing processes, we have extended lamp lifetimes from several hundred hours to more than two thousand hours. The HSH Series provides longer lifetimes, outstanding uniformity, and excellent spectral quality which results in increased throughput, reduced downtime and an overall reduction in the cost of ownership.

Applications

Microlithography





05A. PerkinElmer Optoelectronics 44370 Christy St. Fremont, CA 94538 Phone: (510) 979-6500 Fax: (510) 687-1140 Europe: PerkinElmer Optoelectronics GmbH Wenzel-Jaksch-Str. 31 65199 Wiesbaden Germany Phone: +49 611 492 0 Fax: +49 611 492 177

Asia: PerkinElmer Optoelectronics 47 Ayer Rajah Crescent #06-12 Singapore 139947 Phone: +65 775 2022 Fax: +65 775 1008



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