

The Philips' Extreme UV Source: Recent progress in power, lifetime and collector lifetime

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We report on recent progress in the development of the Philips' Sn-based gas discharge lamp. Specific focus will be put onto the integration of this source into the alpha-tool. Operational experience w.r.t. lifetime and stability will be presented. In the second part of the presentation recent progress in power scaling and electrode lifetime will be reported, next to new data on debris mitigation and collector life time. The presentation concludes with a roadmap of Philips' EUV sources.

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