

## **EBL2: high power EUV exposure facility**

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TNO is integrating EBL2, an open access facility to investigate the effects of EUV radiation on surfaces to enable future EUV HVM production.

A Sn-fueled Ushio LDP source is used to generate EUV. A two-stage grazing incidence collector system projects the EUV onto the mask location.

EBL2 will meet the intensity roadmap for all foreseen EUV litho tools and EUV sources, exposing at ~10 W total power. EBL2 will accept small test samples as well as EUV masks for both EUV exposure and XPS analysis. Masks with pellicles are also accepted.