



1. Title:	Industrial Kilowatt-Class Laser Modules in Scaling Up Laser Produced Plasmas (LPP) EUV Source
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3. Abstract body:

Powerlase has released reliable, cost effective, efficient, and short pulse, kilowatt-class laser modules available for several industrial applications such as flat panel display manufacture (FPD) and also they could be used as a driver for EUV sources. These lasers are built in small footprint laser modules for flexible power scaling. These modules with the right choice of EUV targets could satisfy industry requirements and achieve 115W of in-band EUV power at the intermediate focus. The laser modules are designed to couple to the EUV target using our flexible spatial and temporal multiplexing approach in order to scale up the laser average power on target and maintain maximum EUV collection area.