

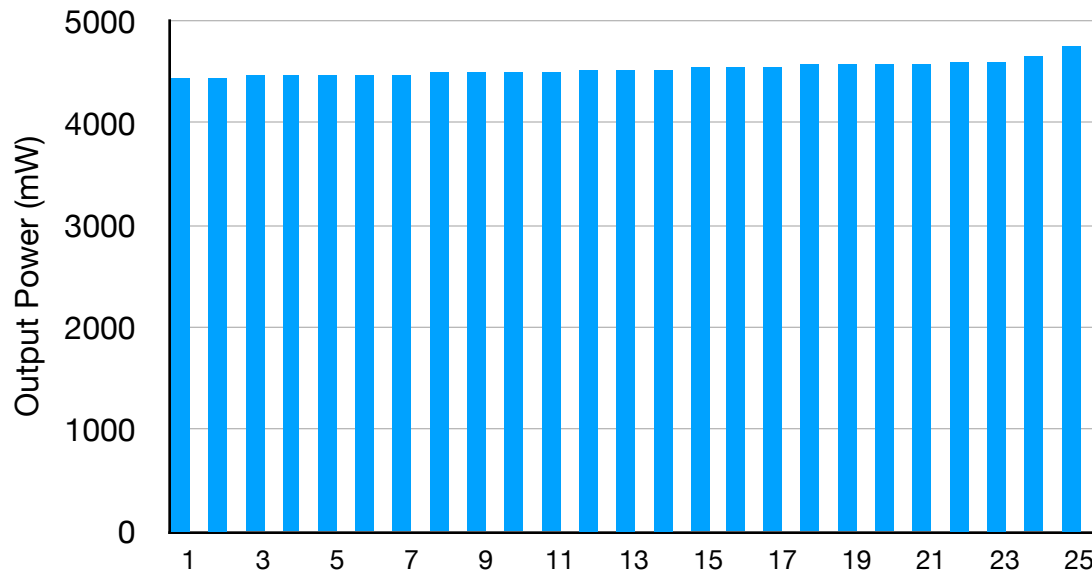


Proud to be recognized as a
Top 10 Photonics Solutions Provider by
Semiconductor Review Magazine



Control of the spatial, spectral and temporal characteristics of light is becoming increasingly important for defect analysis and device testing in semiconductor manufacturing. Well-known limitations of arc lamps and incandescent bulbs are their limited operating lifetimes and lack the flexibility, necessary for facile integration in modular instrument designs. Consequently, OEM instrument designers and manufacturers are turning to Lumencor's solid-state illumination products for solutions. In recognition, Lumencor has recently been awarded a **Top 10 Photonics Solutions Provider**, in the prestigious annual 10-company listing compiled by *Semiconductor Review Magazine*. Therein, notable leaders at the forefront of providing photonics solutions and transforming businesses are distinguished for their creativity and efficacy. An accompanying feature article appears in the magazine's June 2021 issue.

SOLA V-nIR Light Engine



Average output power = 4530 mW
Standard deviation = 70 mW
Coefficient of variance = 2%

Defect analysis and device testing in semiconductor manufacturing requires illumination that delivers reliable, reproducible, consistent performance. Lumencor's precision manufacturing results in unsurpassed reproducibility from one light engine to

the next. An analysis of test data from 25 SOLA Light Engines shows a standard deviation of only 70 mW from average, equating to a 2% coefficient of variance. Such inter-instrument reproducibility is unheard of with regard to arc lamps and the bulbs on which they depend.