

NLA-LW Narrow Linewidth Amplifiers | Volume Production

nLIGHT's portfolio of commercially-developed, military-qualified Narrow Linewidth Amplifiers serves a broad range of applications across the aerospace & defense and industrial markets. The NLA-LW is offered with 3kW or 2.5kW and can be optimized for either coherent or spectral beam combination. Our 4th generation amplifier delivers consistent unit-to-unit performance with high reliability enabling our global customers to meet their demanding schedules and performance requirements with confidence.



Self-Protecting

Integrated systems protect the amplifier against loss of seed and linewidth broadening.

Reliable

nLIGHT has delivered >1,000 amplifier channels globally.

Low SWaP

Small and lightweight to meet the needs for integration into a broad range of platforms.

Fiber Termination Options

- 400um diameter coreless endcap
- 3mm diameter ferruled endcap
- QBH