



NEWS RELEASE

Lumentum Announces New U.S. Manufacturing Facility to Produce Advanced Lasers for the World's Largest AI Data Centers

2026-03-26

North Carolina site expands domestic production of Indium Phosphide (InP) devices

SAN JOSE, Calif.--(BUSINESS WIRE)-- Lumentum Holdings Inc. ("Lumentum"), a global leader in optical and photonic solutions for cloud and networking applications, today announced plans to establish a new U.S. manufacturing facility in Greensboro, North Carolina. The 240,000-square-foot facility will produce advanced indium phosphide (InP)-based optical devices that serve as critical components in the world's largest AI data centers.

The Greensboro site was acquired from Qorvo, a semiconductor chipmaker, and was selected for its highly skilled workforce, robust infrastructure, and supportive federal and state economic development environment.

The facility is currently operational and will be retrofitted to manufacture Lumentum's InP-based optical products including continuous wave (CW) and ultra-high-power (UHP) lasers. The purchase agreement includes the transfer of an experienced workforce, enabling Lumentum to accelerate capacity expansion and ramp production efficiently.

NVIDIA will serve as a customer of the facility, helping to expand U.S. critical infrastructure and support R&D through previously [announced](#) strategic agreements with Lumentum. Lumentum also plans to support other leading AI infrastructure customers for their scale-out and scale-up optical requirements through this fab.

Strengthening U.S. Manufacturing and AI Infrastructure

By expanding its domestic manufacturing footprint, Lumentum is enhancing supply chain resilience, advancing its onshoring strategy, and strengthening its ability to support hyperscale cloud and AI infrastructure networks.

The new facility will significantly expand Lumentum's manufacturing capacity leveraging 6-inch InP

wafers. The facility is expected to ramp production in mid-2028.

“Our customers are building the infrastructure that will define the next era of computing,” said Michael Hurlston, Chief Executive Officer of Lumentum. “Adding this new InP manufacturing facility significantly expands our capacity, deepens our strategic partnerships, and ensures we can deliver the performance, reliability, and scale required for the AI revolution.”

“As AI workloads scale at an unprecedented pace, secure and reliable access to high-performance optical components is critical,” said Debora Shoquist, Executive Vice President of Operations at NVIDIA. “Lumentum’s investment in expanded U.S. manufacturing capacity strengthens supply continuity and positions us to meet growing infrastructure demands with confidence.”

Economic and Community Impact

Lumentum plans to invest hundreds of millions of dollars over the next several years to scale production and strengthen advanced manufacturing capabilities at the site, while preserving and creating over 400 US manufacturing jobs.

New roles are expected to include fabrication process and equipment engineering, manufacturing technicians, operations, supply chain, quality, management, IT, HR, and finance. The project has been supported by state and local economic development programs.

“I am appreciative that Lumentum chose North Carolina for their next and largest US semiconductor manufacturing plant,” said North Carolina Commerce Secretary Lee Lilley. “Having a strong semiconductor presence and a skilled workforce allows us to deliver the talent that industry leaders like Lumentum need to fulfill their expansion goals for serving the rapidly growing advanced AI market.”

“Lumentum’s decision to invest in Greensboro signals that our city is competing and winning in the industries shaping the future of the global economy,” said Marikay Abuzuaiter, Mayor of Greensboro. “Advanced manufacturing tied to smart technology infrastructure represents the next frontier of innovation, and Greensboro has the talent and collaborative leadership that companies need to grow. We are proud that Lumentum has chosen our community as a place to build, invest, and create high quality careers.”

About Lumentum

Lumentum (NASDAQ: LITE) is a global leader in optical and photonic technologies that power the networks and infrastructure behind AI, cloud computing, and next-generation communications. Built on decades of photonics innovation, Lumentum delivers high-performance lasers, modules, and optical subsystems that enable scalable, energy-efficient data center connectivity, advanced telecom networks, industrial manufacturing, and sensing applications. Headquartered in San Jose, California, the company operates R&D, manufacturing, and sales facilities worldwide. Learn more at www.lumentum.com.

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Source: Lumentum