Picking the Right Diode Laser Manufacturer for 3D Sensing

THE THREE ESSENTIALS

1. PROVEN RELIABILITY

Lumentum has mastered the art of manufacturing extremely reliable diode lasers. Through our expert design efforts, vertical integration, and in-depth product data, we have recorded zero failures for undersea cabling and less than one problem in one million for consumer applications.

2. QUALITY AT SCALE

High-volume manufacturing is easy; high-volume manufacturing with high-quality isn’t. Leveraging our manufacturing sites and our partners who must meet our stringent requirements, we achieve consistently high and predictable yields for our customers—year after year.

3. EXPERT GUIDANCE

Our broad product portfolio enables us to provide unmatched support to system designers. It’s perplexing: single-mode or multimode? Which wavelength—800 nm, 850 nm, 940 nm, 1400-1550 nm? Is one power level better than another? What about eye safety compliance? We work with you impartially and collaboratively to make the best choice.

Diode lasers are everywhere: networking systems, telecommunications, even under the ocean. Field failures can immobilize everything—no calls, no files transferred, no gesture-controlled games, no images downloaded. Finding the right diode laser manufacturer is crucial in maintaining uninterrupted systems.