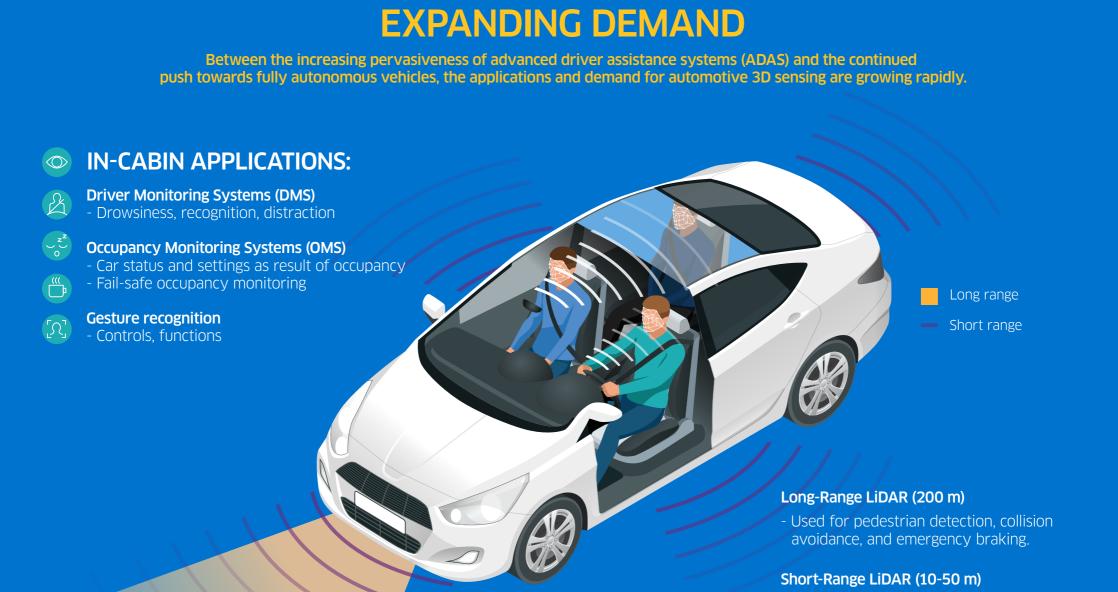
FACILITATING THE FUTURE OF AUTOMOTIVE 3D SENSING

Vertical-Cavity Surface-Emitting Lasers (VCSELs) in Vehicles:

Why VCSELs are the laser technology of choice for automotive



OUR EVER-EXPANDING CAPABILITIES

As automotive LiDAR evolves and demands higher power, lower divergence, lower pulse widths, and better detection.

Lumentum VCSEL advancements are able to solve key LiDAR illuminator challenges. LIDAR REQUIREMENTS NEEDS FROM LIDAR ILLUMINATOR LUMENTUM SOLUTION

PREMIUM AUTOMOTIVE-QUALITY SOLUTIONS

Lumentum's industry leadership and quality culture mean cost-effective, reliable manufacturing for demanding automotive applications.



AEC-Q102 QUALIFIED VCSEL CHIPS AND MODULES

Stress-test qualified for automotive applications



IATF16949 CERTIFIED FAB

Automotive-approved, process oriented quality management system



- Used to scan the area around the bumpers—not to just detect objects. but to also identify what they are.

MILLIONS OF VCSELS SHIPPED PER WEEK, ZERO FAILURES

> Able to drive scale without sacrificing quality

