

Use case variations of Near Field Lidars EPIC Online Meeting on LIDAR 2.1 Applications for 2021

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Valeo Lidar portfolio





Near Field Lidar properties



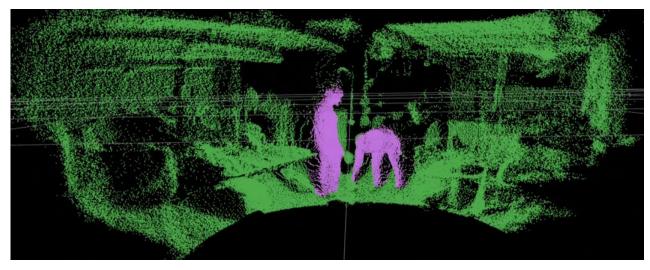
Near Field Lidar

Technology	Flash Lidar
Center wavelength	940 nm
Range @ 10%	9 m
Maximum Range	150 m
Resolution	0.4° x 0.4°
FPS	Up to 80 Hz
FOV	h 100° x v 80°
FOV coverage	100%

Excellent indoor and close outdoor surveillance

Camera-like 3d surveillance with active illumination.

Raw Data Point cloud of two sensors in fusion, unfiltered

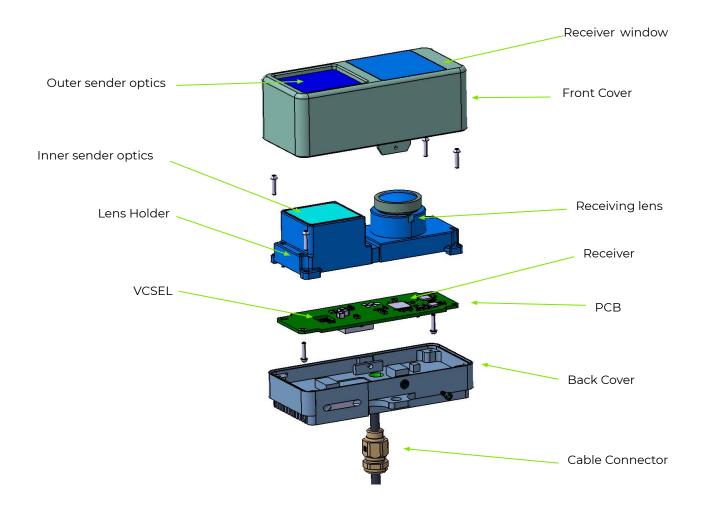




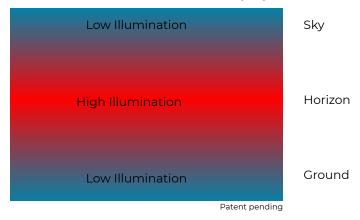
Object and pedestrian recognition



Near Field Lidar Setup



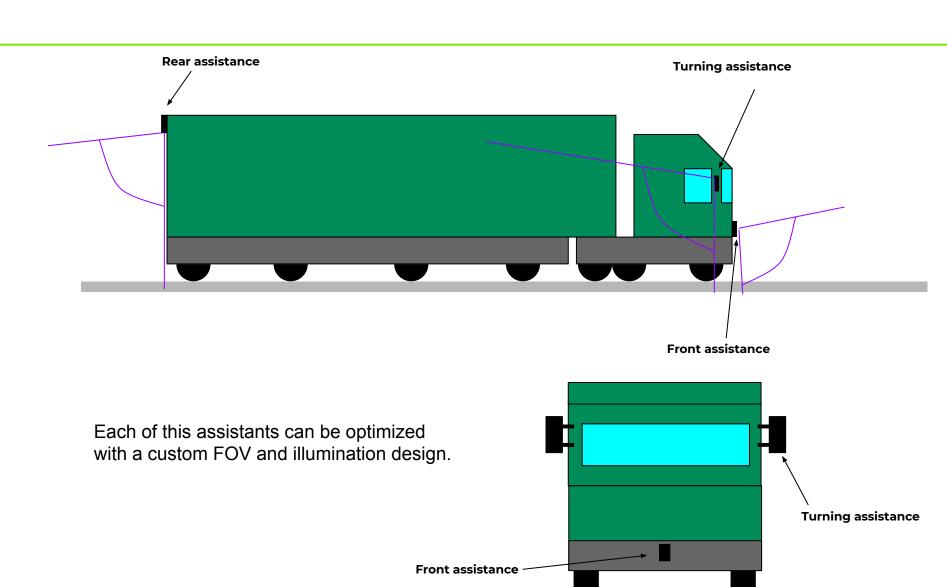
Illumination distribution for automotive purpose





Use case: trucks





What is Valeo looking for?



Component manufacturers

Screening of technology development Fulfillment of system requirements

Interested?

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Customers

from trucks, construction, farming, last mile delivery, shuttling, surveillance ...

Plug-and-play mobility kits on sale:

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Thank you.

Any questions?

