







Luminus: Improving Life with Photons

Luminus creates market-enabling products across key segments using photonic innovation

With best-in-class performance in brightness available across the full wavelength spectrum, we enable unique capabilities across key life-improving applications





Core Competencies

MV

Broadest portfolio of product platforms across wavelengths



Highest current density in the industry (6.5A/mm²)



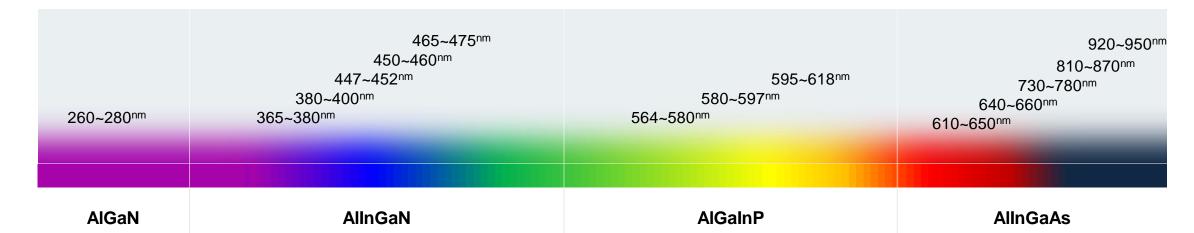
Brightest light sources in the world



Custom precision spectra for demanding applications

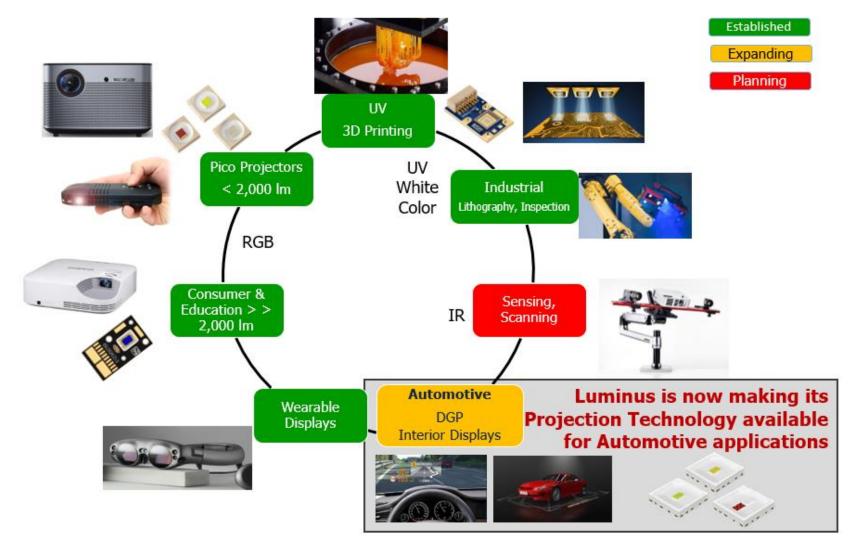


Highest Power packages in the industry with excellent reliability





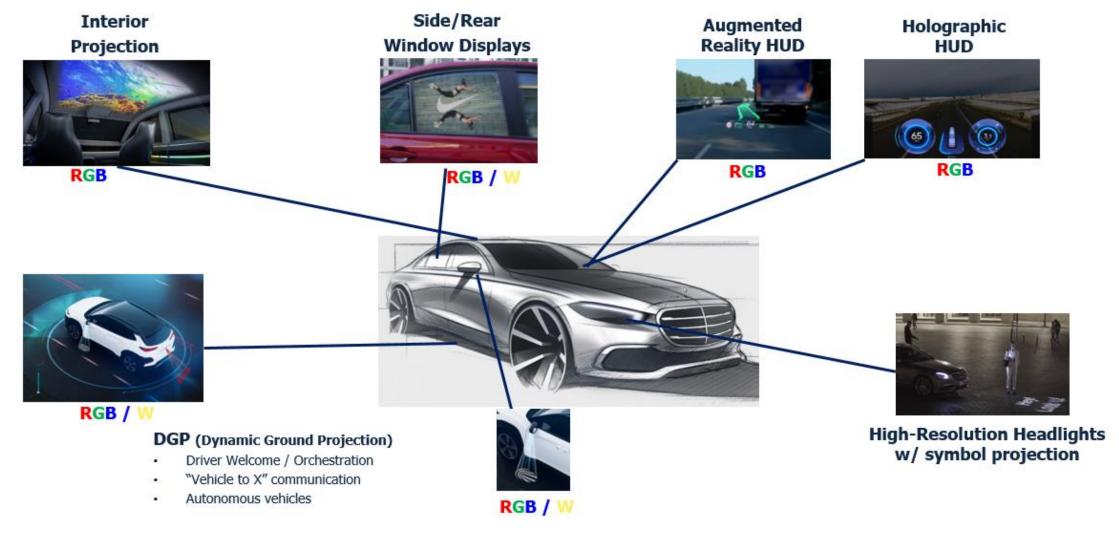
20 years experience in micro-display applications





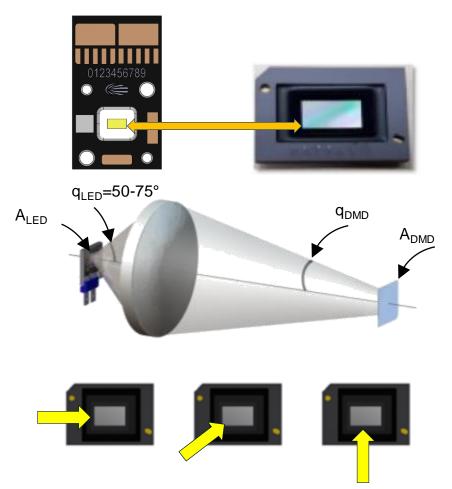


Automotive targeted applications





Benefits of Luminus LEDs in DLP applications



- LEDs engineered specifically for projection applications
- Etendue-matched with DLP panel and system parameters for optimum optical efficiency and maximum performance
- Aspect-ratio matched to DMD size and illumination type (select models)
- Low thermal resistance package: high reliability with passive cooling
- Qualified at up to 500A/cm² (Red: 400A/cm²) for maximum intensity in etendue
- Dedicated die & package Technology Innovation funnel for projection applications

Illumination (vary by DMD type) : side, corner, bottom



Looking for – What can you do for Luminus

- Interested automotive customers (Tier 1 and OEMs)
- Requirements (lumen package, size, white or RGB)
- Optical partners to build solution around DLP and Luminus LEDs







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