



Report : “Lighting Trends -Towards 2030 and Beyond” Suggestions and Challenges

Why this report?

- Automotive lighting evolving faster than ever in line with automotive mega-trends: Connected Car, Autonomous Driving, Sustainability, Electrification.
- Major innovations in design, adaptive lighting, affordable technologies.
- Accelerated shift toward electronics and software to further enable personalization, differentiation, and entertainment. Animation lighting for communication & system status.
- Sustainability optimizing light efficiency, repairability, recycled materials.

Value for OEMs & Suppliers

Clear roadmap and guidelines for future investments.
Focus efforts on the most impactful areas.
Strengthen collaboration between design & engineering teams





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EXECUTIVE SUMMARY

Significant opportunities in the lighting industry remain, driven by the rising demand for safety, differentiation, communication, personalization, entertainment, and new functions.

The report develops these opportunities in the different lighting areas, such as:

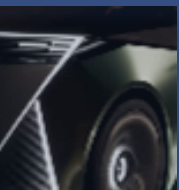
DRLs, Front & rear position lights, Logos, Grilles & displays, Stop and DL, Reverse lights, Headlamps, Specific lights, Light communication V2X.

Other chapters

- Lighting function developments to avoid glare.
- Technology trends and projected evolution in light sources, optics, electronics, software, thermal management and materials.
- Sustainability perspectives with energy efficiency of components, reparability of headlamps, material sustainability and recyclability.

At the end, leveraging the lighting industry trends, the report presents:

- Suggestions to OEMs, lighting suppliers, automotive lighting community
- The core-challenges for the next 5 years.



A2S Consulting is an independent consulting firm with a deep knowledge and experience of the Global Automotive market.

We focus on 3 support activities:

1. Business Development

- Leveraging contacts with OEMs (Audi, BMW, Mercedes-Benz, Renault, Stellantis, VW...) and long-established relationships with the main lighting Tier Ones: Hella, Marelli AL, OP Mobility, Valeo, ZKW.

2. Strategy

- Team of former CEOs, CFO, CTOs with Global Tier Ones (FORVIA, Valeo, ...)

3. M&A and Partnerships

- Knowledge of the worldwide lighting market

We offer you:

1. Proven Expertise in the automotive lighting industry

- Comprehensive understanding of the lighting ecosystem

2. Hands-on Experience

- Large automotive experience in strategy execution, industrial footprint, and engineering transformation, Joint venture, partnership, and turnaround

3. Market Knowledge and Data Access thanks to:

- Strong link with DVN
- Worldwide presence in universities, institutional organization, and regulations through a Network of specialists and the experience at DVN

The Team with great experience



Hector Fratty
Valeo Lighting CTO
DVN founder and
CEO until 2024



Michel Favre
CEO of Valeo Lighting
CFO Forvia Group
CEO Hella Group



Sylvain Dubois
Ferrari purchasing director
Valeo sourcing director
CEO Marelli AL
A2S Senior Advisor (since 3-26)



Jean-Paul Michel
COO ams OSRAM
CFO Valeo Sylvania
Executive VP Forvia
Interior Systems
Executive VP Forvia
Clarion Electronics

Expert team

20 lighting experts
Former OEM lighting managers
Experts in Optics, HW/SW, Sensors, Regulations

