

Sense the power of light

ams OSRAM

Company presentation

ams OSRAM Group
Feb 2025



Sense the Power of Light

We pioneer differentiating
lighting and sensing solutions.

Looking back on more than 110 years of industry
experience, we combine engineering excellence
and global manufacturing capabilities with
passion for cutting-edge innovation.

ams OSRAM

A global leader in innovative
light and sensor solutions

#1 in Light Sensors

By 2023 market share (OMDIA)

#2 in LEDs (#1 in Automotive)

By 2024 market share (TrendForce)

#1 in Automotive Lamps

By 2024 market share (own market model)

The trusted advisor for advanced light and sensor solutions

Unique portfolio of key components



Emitters

- LEDs
- microLEDs
- Lasers (EEL/VCSELs)
- Lamps



Sensors

- Light sensors
- Bio-sensors
- Image sensors



Optical micro-modules

- Micro-optical packages
- Optical modules



Integrated circuits & algorithms

- Emitter driver ICs
- Sensor interfaces
- Sensor processors (incl. algorithms)



Powering advanced technologies for:

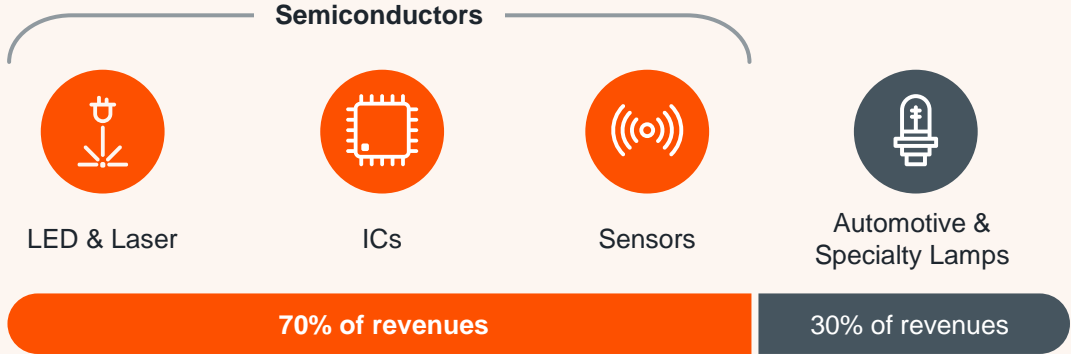
Visualization
Illumination
Sensing



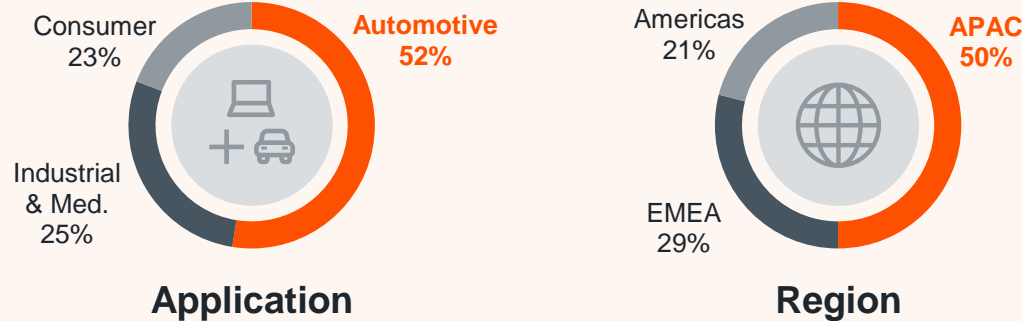
ams OSRAM at a glance

Fiscal Year 2024

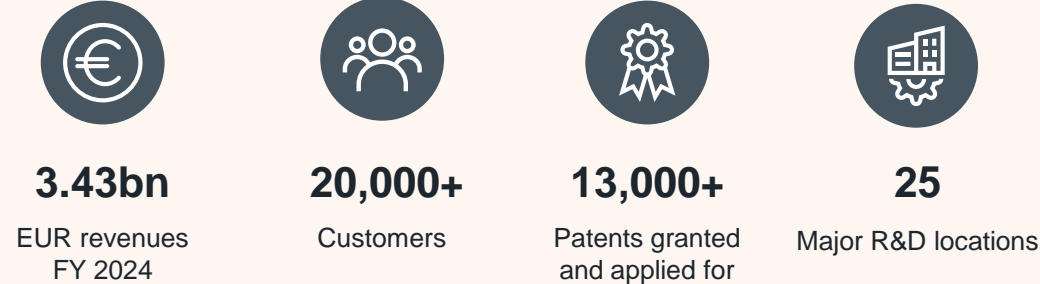
Segments & technologies



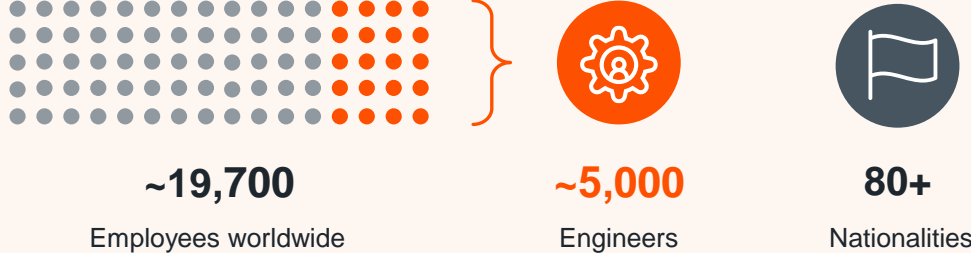
Revenues



Key Figures



Employees



Why ams OSRAM?

Inspiring people for more than 110 years

Innovation leadership

- More than 110 years of innovation leadership in lighting, 40+ years in sensing
- 70+ years in (opto) semi-conductors; epitaxy, chip design, packaging and optical design

Quality first

- 100 years of high-quality automotive experience
- Highest quality standards in engineering and production

Unique portfolio

- Broad product offering of emitters, sensors, ICs and software
- Trusted advisor through market-leading products and system understanding
- Standard products and customized solutions (ASICs)

Local support

- Global manufacturing and design centers
- In-depth application support
- Sales offices worldwide



Strong global presence and local support

Manufacturing locations, sales and design centers



2 Co-Headquarters

Premstaetten (AT), Munich (GER)



16 Manufacturing Locations

across Americas, EMEA, and APAC



25 Major R&D Locations

plus global sales office network



Light & Sensor Solutions

enabling a safer, smarter and more sustainable world



Enabling a safer, smarter
and more sustainable world



Enabling a safer, smarter and more sustainable world

Megatrends and markets

	Automotive	Industrial	Medical	Consumer
Digitalization	<ul style="list-style-type: none">– Projected Lighting– Smart Surfaces– Advanced Displays	<ul style="list-style-type: none">– Industrial Automation– Robotics	<ul style="list-style-type: none">– Medical Imaging	<ul style="list-style-type: none">– Camera Enhancement– Spectral & Light Sensing
Smart Living (IoT)	<ul style="list-style-type: none">– Dynamic Forward & Signal Lighting– In-cabin Sensing– ADAS/AD (LIDAR)	<ul style="list-style-type: none">– Home Automation– Building Automation– Outdoor Lighting– Industrial Lighting	<ul style="list-style-type: none">– Personal Health Monitoring	<ul style="list-style-type: none">– AR/VR Glasses Sensing & Visualization– Vital Signs Monitoring
Energy efficiency and sustainability	<ul style="list-style-type: none">– Ambient Lighting– LED Retrofits– Exchangeable LED light sources	<ul style="list-style-type: none">– Horticulture– LED + Laser Projection– UV-C Disinfection	<ul style="list-style-type: none">– UV-C Disinfection	<ul style="list-style-type: none">– Enhanced Display Management

Mobility

Driving safety, comfort and design with light & sensors

Forward Lighting

Signaling

Functional Illumination

Ambient Lighting

Display Backlighting

Projection

Smart Surfaces

In-cabin Sensing

Exterior Sensing

Position & Angle Sensing

Battery Management Systems

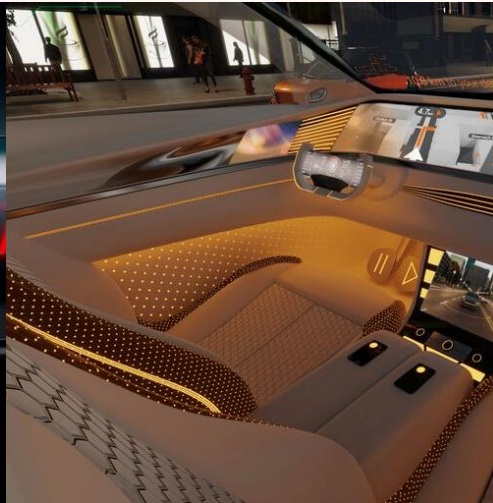
Automotive Aftermarket

Key applications

Driving future mobility with innovative light and sensor solutions

Our expertise

Leading light and sensor solutions for a comprehensive range of mobility applications. With one century of proven industry expertise, our technologies for illumination, visualization and sensing set standards in performance and quality for OEMs and the automotive aftermarket.



Forward Lighting

From efficient standard light sources to high-resolution Matrix LEDs and projection systems.

Signaling

Standard light sources and customizable dynamic displays for unique lighting effects.

Ambient Lighting

Intelligent ambient and functional lighting for more comfort and safety.

Smart Surfaces

Innovative HMI surfaces integrating RGB LEDs and sensors.

Sensing

Precise driver monitoring, position sensing, gesture recognition and LiDAR solutions for more safety.

A man in a light blue shirt is standing in a modern industrial facility, looking at a tablet. In the background, there are robotic arms and machinery. The scene is brightly lit, suggesting a clean and advanced manufacturing environment.

Industrial

Enabling next-level automation and human machine interaction

Robotics

Home & Building Automation

Factory Automation

Access Control & Security

Industrial & Security X-Ray

UV-C Treatment

Appliances & Tools

Material Processing

Key applications

Enabling next-level automation and human-machine interaction

Our expertise

We make light work. We provide advanced light emitters, high-performance sensors, and innovative imaging solutions that ensure precision, safety, and efficiency across industrial applications.



Robotics

3D environment scanning and advanced human-machine interaction.



Home Appliances

Innovative human-machine interfaces, real-time monitoring and novel light designs.



Building Automation

Advanced smoke detection, access control, smart locks and condition monitoring.



Factory Automation

Smart light and sensor solutions for efficient processes and safety in production environments.



UV-C Treatment

UV-C purification and disinfection for air, water and surfaces, including sensor control.



Lighting

Offering best performance for intelligent solutions

Agriculture & Horticulture

Industrial Lighting

Projection & Display

Indoor Lighting

Outdoor Lighting

Entertainment

Key applications

Best-in-class LEDs and sensors for intelligent lighting solutions

Our expertise

We offer optical components with market-leading performance for the highest quality standards. Our unique portfolio of innovative LEDs, spectral and ambient light sensors enables outstanding solutions – at workplaces, in greenhouses and at home.



Agriculture & Horticulture

Energy-efficient LEDs and spectral sensors for superior plant growth.

Outdoor & Indoor Lighting

High-quality, efficient lighting combined with sensors for increased safety and well-being at workplaces and public spaces.

Projection

Brightest LEDs and lasers for professional, home and mobile applications.

Entertainment Lighting

World-class lighting solutions for entertainment and architectural applications.



Medical & Health

Enabling the next generation of medical and personal health solutions

Computed Tomography

Digital X-Ray

Endoscopy

Digital Temperature Sensing

Medical Illumination

Vital Sign Monitoring

Key applications

Enabling the next generation of medical and personal health solutions

Our expertise

We deliver novel generations of precise light-emitting, sensing and signal processing products. Our innovative technology for medical imaging, medical lighting and non-invasive vital signs monitoring enables healthcare to be more accurate, affordable and personalized.



Medical Imaging

High-quality imaging solutions for Digital X-ray and Computed Tomography (CT).

Micro Camera Endoscopy

Miniature camera modules for micro-invasive surgery and endoscopy innovation.

Medical Illumination

Tailored lighting solutions for surgery, emergency rooms, dermatologists and dentists.

Vital Sign Monitoring

Non-invasive measurement of biometric parameters for wearables and mobile applications.

Mobile & Wearables

Powering comfort and interaction in next-gen devices

Human Machine Interface

Vital Sign Monitoring

Display Management

AR Visualization

Photobiological Health

Video Pass Through

Eye, Face & Hand Tracking

World Sensing

Camera Enhancement



Key applications

Enhancing user experiences in mobile and wearables

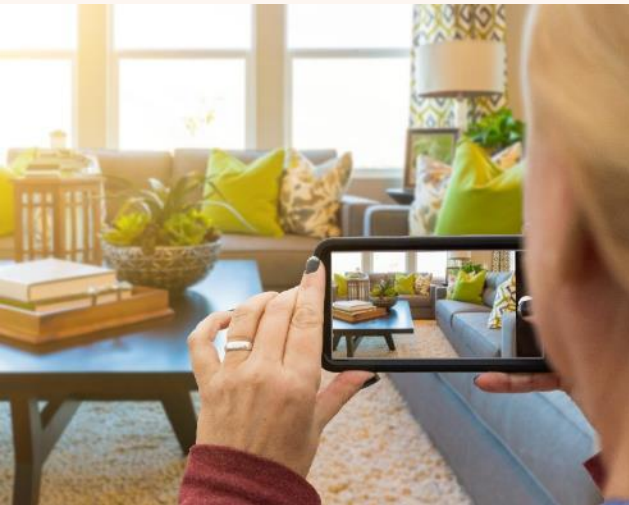
Our expertise

We provide best-in-class optical components and modules for next-gen mobile and wearables. Our innovative LEDs, lasers, sensors and ICs offer outstanding performance, energy efficiency and size, enabling disruptive applications of the industry leaders.



Display Management

Innovative optical sensors for authentication, ambient light and color sensing in maximized behind-OLED displays.



Camera Enhancement

Image quality improvement with advanced sensors for flicker detection, exposure, autofocus white balancing, and depth effect.



Vital Sign Monitoring

All required optical components for advanced fitness tracking and patient monitoring.



Augmented Reality

LEDs, microLEDs, lasers/sensors for AR/VR applications such as eye tracking, visualization, gesture and 3D sensing.



Sustainability

Building a Sustainable Tomorrow with Optical Solutions

Contributing to a sustainable future with light and sensor solutions

Our Ambition

ams OSRAM is committed to creating sustainable value and improving lives with optical solutions.

Society

Deliver products that enhance health, safety, and mobility, contributing to sustainable development.

Environment

Enable energy efficiency, digitalization, and responsible resource use with innovative technology.

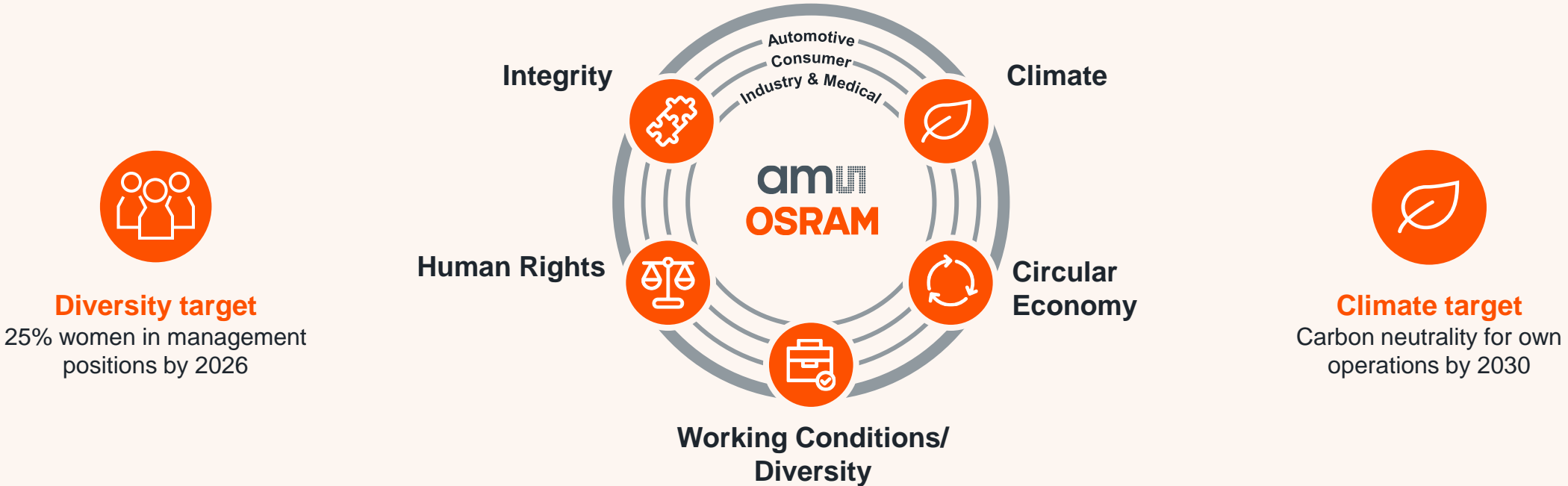
Governance

Ensure high standards throughout our value chain as an essential foundation for long-term business success.



Driving sustainability with clear focus and ambition

Our strategy



Diversity target
25% women in management positions by 2026

Climate target
Carbon neutrality for own operations by 2030

External recognitions confirm our engagement:
(FY 23/24)

CDP B
EcoVadis Platinum
ISS Prime Status

Download Sustainability Report 



Join our team

We offer competitive, performance-based compensation and benefits worldwide

Global Career Paths

Health Prevention Programs

Hybrid Working

Global Learning & Education Platform

ams OSRAM University

Events

Shape the future of light and sensor technology with us

At ams OSRAM, your creativity thrives as you develop groundbreaking products. Discover advanced technologies in a fast-paced, innovative market.

Our 5 global career paths

- Sales
- Engineer
- Specialist
- Project Management
- Leadership



Scan me



Kickstart your career with us

Scan the QR code or visit ams OSRAM Jobboard to explore exciting opportunities.

<https://jobs.ams-osram.com/en>

Social Media connection

Stay updated and discover our work culture





Learn more about
some of our colleagues, projects, and workplaces.

Click on the pictures and open the link.



Thank you



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power of light