Sense the power of light



First Quarter 2025 Investor Presentation

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30 April 2025

ams OSRAM at a glance

A company in transition to structural growth in automotive, industrial/medical & selected consumer applications with 110+ years of combined company history



¹ Fiscal Year 2024 ² Fiscal Year 2024 with CAGR 2024 – 2027 ³ Total Addressable Semiconductors Market => no dedicated, only partial market reports for ams OSRAM addressed application segments available ⁴ Defined as Operating Cashflow – Capital expenditures + proceeds from divestments



Our segments - overview of business units and applications

AUT = Automotive, I&M = Industrial & Medical, CON = Consumer



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ams OSRAM holds leading positions in its core Semiconductor & Lamps markets

Leverage strong positions with focused core portfolio and commitment to Automotive, Industrial, Medical markets

#2 in LED

LED Suppliers by 2024(E) market share (Total market USD ~11.5bn; TrendForce)

1.	Nichia	14%
2.	ams OSRAM	13%
3.	Seoul Semiconductors	7%
4.	Samsung LED	7%
5.	MLS	6%

#1 in Light Sensors

Light Sensor Suppliers by 2024(E) market share (Total market USD ~1.54bn; OMDIA)

1.	ams OSRAM	~35%
2.	STMicroelectronics	~30%
3.	Sensortek (Sitronix)	~5%
4.	ADI (includes Maxim).	~5%
5.	Capella/Vishay	~3%

#1 in traditional Auto lamps/bulbs

Bulb Suppliers by 2024(E) market shares (Total market USD ~1.3bn; own market model due to lack of external research)

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- 2. Lumileds
- 3. Others (incl. Asian suppliers)







Target model: Semiconductor business to grow 6% to 10% through cycle until 2027

Evolution of target operating model to focus on semi growth and reflect current market environment and semi-cycle



Notes

- 1) Driven from new base following disposal/exit of "non-core" semiconductor assets
- 2) >2x WSTS opto-electronics F99 & sensors H99 = 3.1% CAGR `22 to `26 due to addressed segments

3) Free Cash Flow = Operating Cash Flow (incl. net interest paid) less cash flow from CAPEX plus proceeds from divestments

Semiconductor growth model: structural growth drivers for the next 5 years

Design wins	Rev. 2024	Megatrends	Principle Growth drivers
2024:	Automotive: ~40%	 Electrification ADAS & autonomous driving Convenience 	 Content per vehicle growth (large contribution) Unit growth (small contribution)
~5 DH € LTV 2023: >5 bh € LTV	Industrial & Medical: ~30%	 Robotics Energy efficiency Smart devices 	 Market growth Bill-of-material expansion Conversion (e.g. horticulture) New products / market segments Channel focus
	Consumer: ~30%	 Smartphone as personal digital assistant Smart wearables AR/VR everyday glasses 	 Content growth Market growth New products New markets Channel focus

Q1/25: Revenues and adj. EBITDA above mid-point of the guidance

Auto semis in inventory correction, YoY decline basically due to exit of non-core portfolio

All figures in EURm / % of revenues



- QoQ: revenue above mid-point of guided range of EUR 750m to 850m
- YoY: -4% like-for-like decline (constant currencies, excluding divested semi business) due to auto LED inventory correction and exit of noncore, semiconductor legacy portfolio



- QoQ: adj. EBITDA margin slightly above mid-point of the guided range, supported by FX and recurring non-refundable engineering payments
- YoY: adj. EBITDA improved due to underlying 'Re-establish the Base' cost savings and non-refundable engineering payments

EBITDA, EBITDA margin (adj.)²⁾

¹⁾ Based on like-for-like portfolio comparison and constant currencies

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²⁾ Excluding microLED strategy adaption expenses, M&A-related, other transformation and share-based compensation costs as well as results from investments in associates and sale of businesses



Q1/25 Overview of Segment performance

All figures in EURm / % of revenues

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Semiconductors: structural growth in consumer softens cycle in auto & I&M

by ramp up of sensors

YoY: down in line with market

cyclicality/inventory correction

All figures in EURm / % of revenues



- YoY: decline in line with presumed

cyclical trough I&M

YoY: strong increase due to new

core portfolio

products compensating exit of non-

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- weakness, auto seasonal decline during LED inventory correction cycle, Consumer structural growth
- YoY: slight decline driven by auto inventory correction and I&M cyclical low

'Re-establish the Base' implementation ahead of schedule

Run-rate savings of EUR ~135m reached by end of Q1/25 – upsized total target EUR ~225m by end of 2026



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Strong available liquidity (~EUR 1.2bn) after CB repayment of EUR 447m in March 2025

Current capitalization

EURm, IFRS values as of March 2025

IFRS book values	March 2025
	EUR million
Cash	(573)
Other Financial Debt ^{1), 2)}	175
2027 EUR Convertible Bond (2.125%) ¹⁾	697
2029 EUR Senior Unsecured Note (10.50%) ¹⁾	820
2029 USD Senior Unsecured Note (12.25%) ¹⁾	365
SLB Malaysia transaction ¹⁾	429
Total debt	2,486
Total net debt	1,914
Outstanding OSRAM Licht AG – Put Options	570
Available Liquidity ³⁾	1,234

Current debt maturity profile

EURm, repayment amounts as of March 2025



Notes:

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- 1. Amounts reflect carrying amounts / book values. For 2027CB Nominal Amount: EUR 760m / Book Value under Debt (IFRS per March 2025): EUR 697m
- 2. Includes R&D loans, Bank Facilities and Promissory Notes

3. Includes cash, RCF, bilateral bank facilities

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Balance-sheet: comprehensive deleveraging strategy Targeting net debt / adj. EBITDA <2 and annual interest cost below EUR 100m



Profitability & FCF improvement through 'Re-establish the Base', design-win driven growth, and capex discipline (<8% of revenues)



Sale of Kulim-2 facility



Extension of Rolling Credit Facility (RCF)



Generating well above EUR 500m proceeds from portfolio actions





Well diversified revenue streams by end market and healthy customer split

Strong exposure to structural growth markets and very balanced customer portfolio



Well diversified revenue streams by region

Direct tariff impact is under control via local production in the US and supply chain re-routing potentials



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Summary Q1/25

Highlights

- Revenue and profitability above mid-point of the guidance
- BtB improving across all business lines to at or above 1
- Convincing design-wins in the traditionally slower first quarter
- Seamless execution of RtB program¹⁾
- Convertible bond 2025 EUR 447m repaid in March 2025
- Comprehensive balance sheet deleveraging strategy presented



Business outlook



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ESG commitments

Creating sustainable value and improving lives with innovative light and sensor solutions

ESG update: climate strategy, carbon neutrality goal, ESG Committee

ESG achievements

- Comprehensive reporting of carbon emissions, including our own activities (Scope 1 + 2) and significant progress in reporting emissions along the value chain (Scope 3).
- Expansion of data in energy, water and waste
- All production sites exceeding a defined threshold are certified to ISO 14001
- Human Rights Due Diligence further developed
- Ethical training now annually
- ESG Committee, driving our sustainability efforts and ensuring focused decision-making.
- Sustainability Policy and internal Sustainability Guideline in place, guiding our actions towards a more sustainable future.
- Cyber Security ISO 27001 certification
- High rankings in ESG ratings due to comprehensive annual sustainability reporting (currently CSRD in preparation)







ESG goal: Carbon neutrality by 2030

- Group to be carbon neutral (Scope 1+2) by 2030, endeavor towards net zero ambition
- Climate strategy based "avoid, reduce, compensate", reduction path developed
- 44% GHG reduction compared to base year 2021; 61% share of renewable energy
- Goals for semiconductor sites until 2028:
 - Reduction of energy consumption and emissions at our own sites by 20% through efficiency measures
 - Electricity supply 100% renewable energy
- Solar energy at sites in Austria, China, Slovakia and Germany
- 100% green electricity at production sites in Germany + Austria
- Plan established to compensate for inevitable CO₂ emissions

ESG ratings: Our committment to sustainability pays off

Improvement of CDP and S&P

	Institution		Rating	Comment	
**	CDP		B (Management) B (Management)	Climate Change Water Security	ICDP Discloser 2024
፟፟፟፟፟፟፟፟፟፟፟፟፟፟	ecovadis	ecovadis	Platinum	Improvement from gold to platinum among the top 1% of companies assessed	PLATINUM Top 1% COVCIDS Subhubility Dates OCT 2024
***	SUSTAINALYTICS		17.6 (low risk) 72.8 (strong management)	ESG Risk Rating improvement +16%; ESG Risk Management +10%	
***	ISS	ISS ⊳	Score B- (PRIME)	Strong Prime status, transparency level "very high"	Corporate ESG Performance Prime ISS ESG ⊳
***	MSCI	MSCI 🌐	BBB	Average managing the most significant ESG risks and opportunities	
፟፟፟፟፟፟፟፟፟፟፟፟፟	S&P Global CSA	S&P Global	Score 69 (out of 100) Yearbook Listing	Within best 15% in sector, positioning in 1 st Quartile	

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Growth drivers

Offering full technology range and innovation leadership in automotive emitters and light sensors

Leading Positions in Automotive Semiconductor Sub-Segments

#1 in Automotive Emitters

Auto LED suppliers by 2024(E) market share (Total market USD ~3.5bn; TrendForce)

1.	ams OSRAM	33%
2.	Nichia	23%
3.	Lumileds	10%
4.	Seoul Semiconductor	8%
5.	Dominant	7%
6.	Samsung LED	6%
7.	Stanley	3%
8.	Everlight	2%
9.	Jufei	2%
10.	Lextar	1%

#1 in Automotive Light Sensors

Auto Light Sensor suppliers by 2024(E) market share (Total market USD ~71m; OMDIA)

1.	ams OSRAM	35%
2.	Elmos	22%
3.	Vishay	15%
4.	Melexis	6%
5.	Hamamatsu	4%
6.	Rohm	1%





ams OSRAM automotive semiconductor content growth

Driven by safety, convenience and digitalization



Q1/25 – Stellantis trusts ams OSRAM's cutting-edge forward lighting technologies EVIYOS high-pixelated forward lighting solution ramping in the new Opel Grandland with integrated the module from Marelli



EVIYOS with ~0.5 bn LTV* design win basis across multiple platforms



Q1/25 – customers trust ams OSRAM's cutting-edge technologies Good Q1 design-win momentum and decisive technology contribution getting into the field



I&M growth driven by technology leadership & megatrends in key applications

Business in relevant key applications to grow with mid- to high single digit percentage CAGR long-term

	Key Application fields		Position	Business drivers 2025 to 2027	
		Medical Imaging & Diagnostics	 Market leader in CMOS x-ray sensors for computer tomography 	 Ramp of design-wins Market normalization after inventory correction Next-gen Photon Counting products 	
		Horticulture & Smart Farming	 Market leader in hyper-red LEDs for horticulture 	 Conversion of High-Pressure-Sodium lamps to energy efficient LED 	
		Robotics	 Broad portfolio of cutting-edge sensors & LEDs 	 Robotics megatrend & channel focus 	
-		Home & Building Automation & Smart Appliances	 Broad portfolio of cutting-edge sensors & LEDs 	 Market growth & channel focus 	
-		LED & laser projection	 No. 1 in LED & No. 2 in laser projection 	 New products & market growth 	
		Outdoor / Industrial lighting	 Leader in high power 	 Market-share gains through industry consolidation 	
		Broad market / distribution	 Established partner for Distributors world-wide 	 Channel focus 	

ams OSRAM with key portfolio to benefit from nascent robotics megatrend

Best-in-class portfolio for making machines smarter, more autonomous and more effective in HMI



Household Robots & Drones need to reliably determine their environment and position and have easy human-machine interfaces with clear signaling capabilities

Consumer growth through technology leadership in spectral sensing & ToF

Growth of consumer application business with mid- to high single digit percentage CAGR long-term

	Ke	y Application fields	Technology	Business drivers 2025 to 2027
FY2024: ~550 m€ . exited non-core portfolio: ~750 m€)		Display Proximity sensing	 Intensity or ToF-based sensors for touch display on/off. 	
		Flicker Detection	 Elimination of artificial light modulation bands 	 Clear no.1 position in spectral sensing Gradual BoM increase due to trickle down of higher
		Spectral Ambient Light Sensing	 Auto White Balancing to improve contrast & low light performance. Light source identification (TL, LED, sun) for better colors. Multi-zone for segmented analysis 	 value sensors from high-end to mid-range phones Multi-display phones / flip phones
		Depth Sensing for Auto Focus & Bokeh	 Single and Multi-zone dToF-based depth sensing for depth-of-field effects and sharp images, also in low light situations 	 Al enabled smartphones Smarter wearables
		AR support	 Social media (SnapChat, TikTok), room scanning, navigation, gaming, E-Commerce 	
(inc		Household Robots & Drones	 Reliable position sensing and easy human- machine interfaces with clear signaling capabilities 	 Market growth & channel focus
		Broad market / distribution	 Established partner for Distributors world-wide 	 Channel focus



ams OSRAM's spectral ambient light sensing makes the difference

ams OSRAM sensors enable superior camera performance in almost all premium smartphones



Autofocus: "Fast and accurate autofocus,

even in **challenging light** conditions"*

AWB & Flicker: "Excellent for photographing family and friends, thanks to accurate skin tones and high details"*

Camera Enhancement: Light, Color, Flicker & Range sensors

TMF882x Mutizone dToF





TCS3410 RGB/Flicker

Winning combination: Spectral + ALS

*DXOMARK July 2024, ALS denotes Ambient Light Sensor

Top Smartphones by Camera score

	Smartphone Model	Launch Date	Camera score
1	Huawei P70 Ultra	Apr 2024	163
2	Google Pixel 9 Pro XL	Aug 2024	158
3	Honor Magic6 Pro	Feb 2024	158
4	Huawei Mate 60 Pro+	Sep 2024	157
5	Apple iPhone 16 Pro Max	Sep 2024	157
6	Apple iPhone 16 Pro	Sep 2024	157
7	Oppo Find X7 Ultra	Mar 2024	157
8	Oppo Find X8 Pro	Oct 2024	157
9	Huawei P60 Pro	Mar 2023	156
10	Apple iPhone 15 Pro Max	Sep 2023	154
11	Apple iPhone 15 Pro	Sep 2023	154
12	Google Pixel 9	Aug 2024	154

Source: https://www.dxomark.com/smartphones/

Strong and stable profit contributor with excellent position in lamps business AMSP is covering automotive, entertainment and industry applications





- Expanding our leading market position softens slowly declining market volume
- LEDr and XLS with positive market growth in declining lamps business
- New opportunities beyond lamps with fixtures & car accessories using our strong brand and channel position.

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Details on Financials



Group: adj. gross profit relatively stable despite of various challenges

All figures in EURm / % of revenues



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- Adj. gross profit: relatively stable despite of various challenges such as seasonal factory underutilization and higher raw material costs
- Adj. R&D expenses: QoQ increase due to one-time positive effect in Q4
- Adj. SG&A expenses: QoQ drop due to high marcom expenses in L&S segment for the 'lighting season' in Q4

Group adj. Depreciation & Amortization and adj. EBITDA

All figures in EURm





Group adj. Depreciation & Amortization and adj. EBITDA

Q1 2025, All figures in EURm



- EBITDA Adj. best reflects underlying profitability of business and overall group development
- Transformation costs: mostly from implementing 'Re-establish the Base'.
- microLED: net positive impact e.g. reversal of impairments on assets since identified future usage.

Group adj. Depreciation & Amortization and adj. EBIT

Q1 2025, All figures in EURm



- EBIT Adj. best reflects underlying profitability of business and overall group development
- Transformation costs: mostly from implementing 'Re-establish the Base'.
- Asset restructuring: Historic M&A transactions (e.g. OSRAM) result in significant purchase price allocation expenses (non-cash, resulting in D&A), heavily impacting EBIT IFRS.

Net result negative in Q1/25 due to interest expenses and auto & I&M cycle

All figures in EURm / % of revenues





- Net financing driven by net interest expenses (interest expenses plus interest received)
- Weighted average number of shares outstanding during Q1/25: 98.9m

¹⁾ Excluding M&A-related, transformation and share-based compensation costs as well as results from investments in associates and sale of businesses

²⁾ Earnings per share for the comparative periods were adjusted following the reverse share split on 30 September 2024

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FCF slightly negative in Q1 due to high interest and increase in inventories

All figures in EURm / % of revenues



- Operating CF: low in Q1/25 due to net interest payments of approx. EUR 80m and increase in inventories
- CAPEX: investments in line with guidance for 2025E
- Divestments: sale of unused land plots and equipment that was originally meant for the microLED project

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Working Capital

All figures in EURm





Trade Payables



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Upcoming events

- May 5, 2025 Non-Deal Roadshow Zurich
- May 13-14, 2025 Non-Deal Roadshow London
- May 15, 2025
 UBS Best of EU Virtual Conference

- May 21, 2025 JPM European TMT Conference London
- May 26, 2025
 CEElection Equity Conference Warsaw
- June 10-12, 2025
 BofA TMT Conference London