

2025 Investor's Conference

***Advanced Optoelectronic
Technology Inc.***

AOT

Safe Harbor Notice

- This presentation may contain various forward-looking statements of Advanced Optoelectronic Technology Inc. (“AOT”) and include AOT’s operations, future results and prospects.
- These statements may involve substantial known and unknown risks and uncertainties, and actual results and performances may differ materially from those contained in any forward-looking statements due to some factors beyond AOT’s control.
- In addition, AOT expressly disclaims any obligation or undertaking to release publicly any updates or revisions to any forward-looking statements, whether as a result of new information, future events, or otherwise.

Meeting Agenda

- Corporate Introduction
- Operation Results
- Business Strategy
- Market Outlook



01 Corporate Introduction

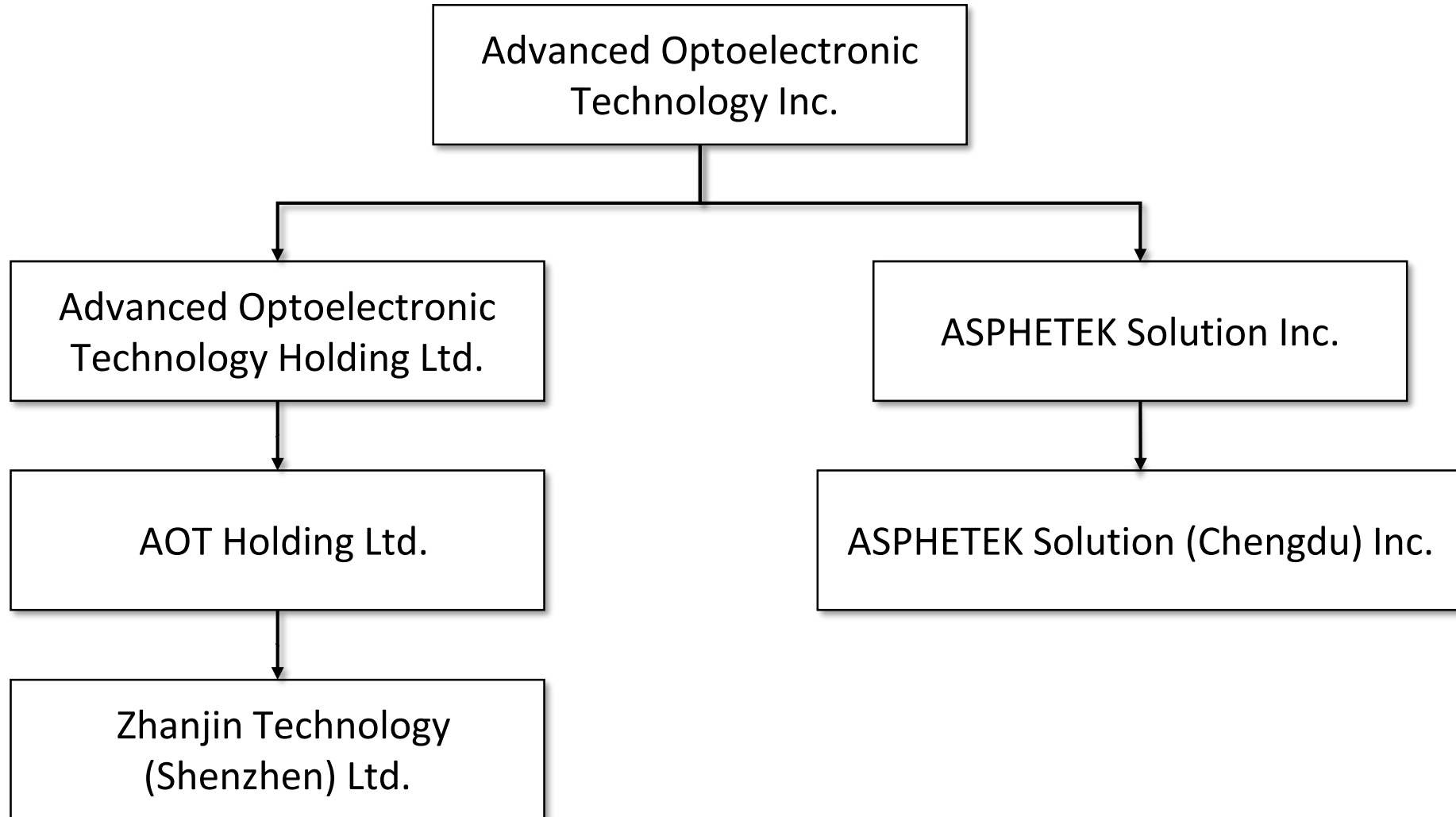
Basic Information

Set-up	1999
Capital	NT\$1.45 billions
Site	Hsinchu Industrial Park (Hukou)
President	Jung-Hsi Fang
Oversea office	Shenzhen, China
Employee	around 800
Major Business	LED chip develop, manufacturing, package, modules and sales.

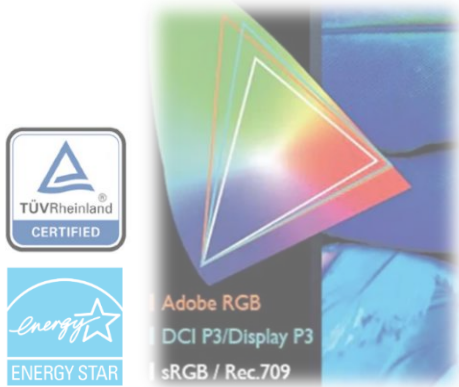
Advanced Optoelectronic Technology, Inc. is located in Hsinchu Industrial Zone, Hsinchu County, and was established in October 1999. Formerly known as Advanced Development Optoelectronics Co., Ltd., **it changed its name to Advanced Optoelectronic Technology, Inc. in 2010.** Focusing on the development of LED packaging technology, the main products are **surface mount light-emitting diodes (SMD LED), light module applications, sensing components, and automotive lighting.** With stable quality and competitive cost, to expand the economic scale and provide customers with reliable and competitive products through full production capacity to create a win-win situation.



Organization Chart

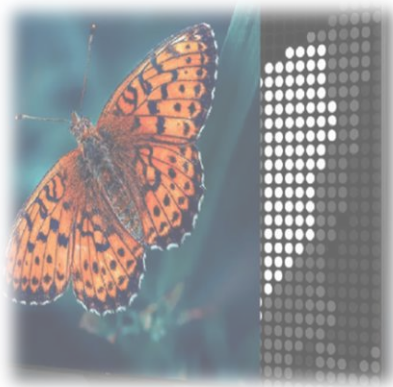


Products Trend



Backlight

- TV
- NB
- Monitor
- Automotive
- Medical
- Industrial



Mini LED

- TV
- NB
- Monitor
- Automotive
- Gaming



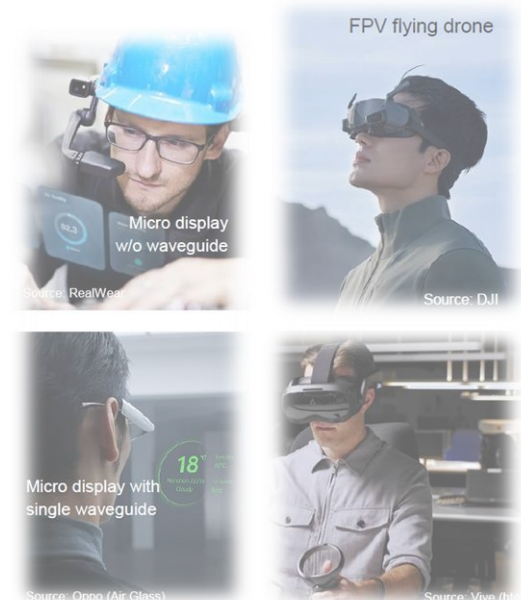
Car Lighting

- Front Lamp
- Side Lamp
- Fog Lamp
- Rear Lamp



Sensor

- Light Sensor
- Bio-Sensor
- UV LED



New

- AR
- VR
- Eye Tracking
- Photo Coupler
- Micro LED

Main Clients

SHARP



lenovo



ByteDance

INNOLUX



CREE

Meta

FOXCONN



GAJUS

TYC



华人运通
HUMAN HORIZONS

BOE

IVO 龙腾

HKC

Highbroad
翰博高新

DELL

FORVIA

SYM



acer



Panasonic



Coretronic

LED
DAZ

available at
amazon

NIKEN



AOT

Solid-State Light. Done Right.



02 Operation Results

Income Statements

Unit:NT\$ Thousand

Year	2024	2023	2022
Revenue	2,035,208	1,972,624	2,410,672
Gross Margin	362,219	382,601	307,368
Gross Margin%	17.80%	19.40%	12.75%
Operation Income	(248,348)	(165,762)	(172,812)
Net Income after Tax	(177,255)	(147,622)	(142,246)
Net Income after Tax %	(8.71%)	(7.48%)	(5.90%)
EPS(NT\$)(1)	(0.94)	(0.70)	(0.98)

Note:

1. EPS=Net Income after Tax / shares outstanding
2. All financial figures are disclosed on Market Observation Post System

Balance Sheets

Unit:NT\$ Thousand

Main Items from Balance Sheets

	2024	2023	2022
Cash & Cash Equivalents	1,225,968	1,388,432	1,383,056
Accounts Receivable	461,291	439,951	330,420
Inventories	183,214	178,789	163,734
Financial Assets	382,689	205,954	140,935
Net PP&E	631,985	701,929	824,517
Total Assets	3,318,124	3,356,485	3,220,038
Current Liabilities	722,551	689,624	651,987
Total Liabilities	741,991	770,698	680,417
Total Shareholders' Equity	2,576,133	2,585,787	2,539,621

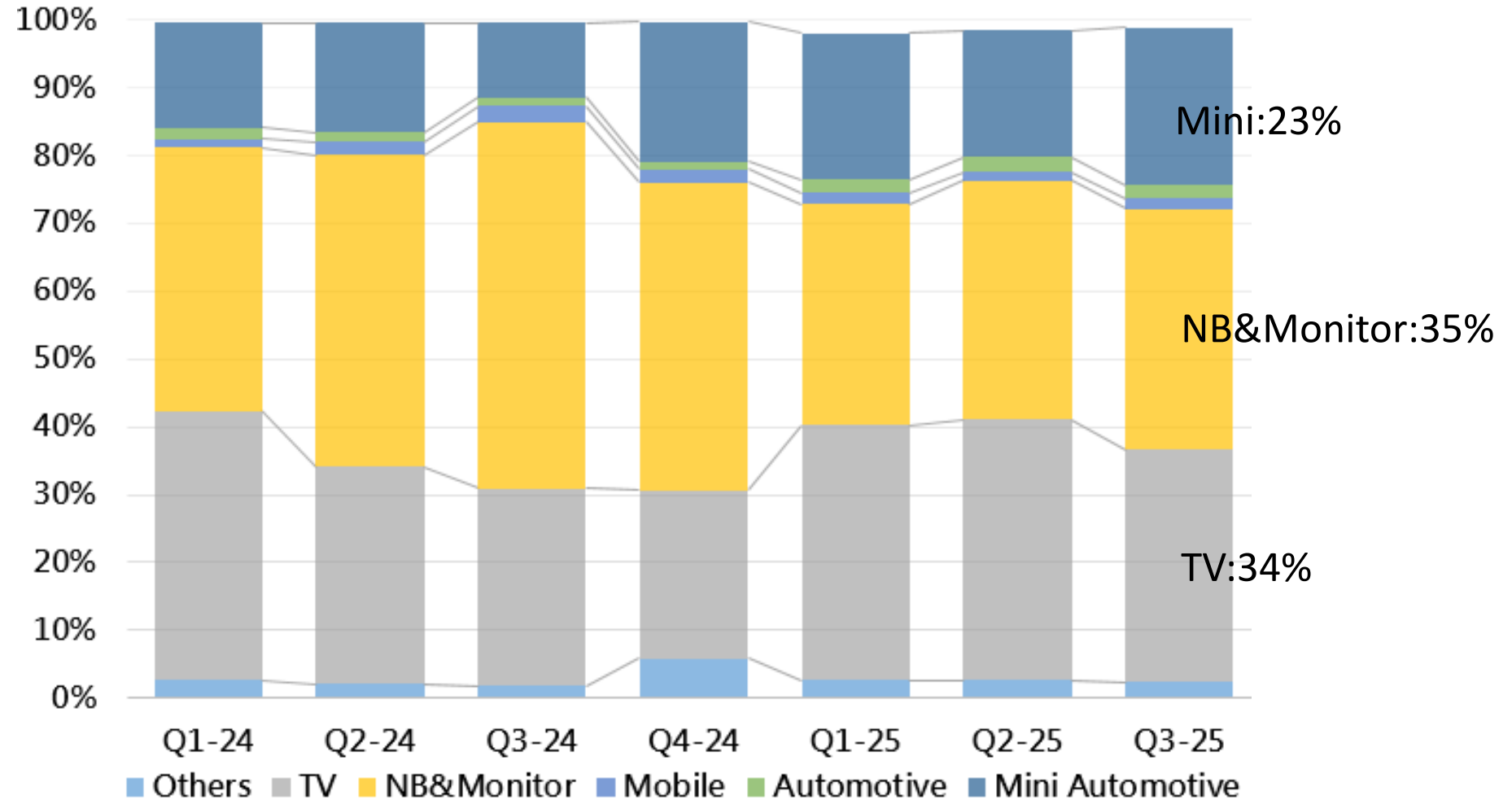
Key Indices

Current Ratio*	2.97	3.20	3.22
Debt-To-Equity Ratio**	0.29	0.30	0.27

* Current Ratio= Current Assets/Current Liabilities

**Debt-To-Equity Ratio= Total Liabilities/ Shareholders' Equity

Product Portfolio

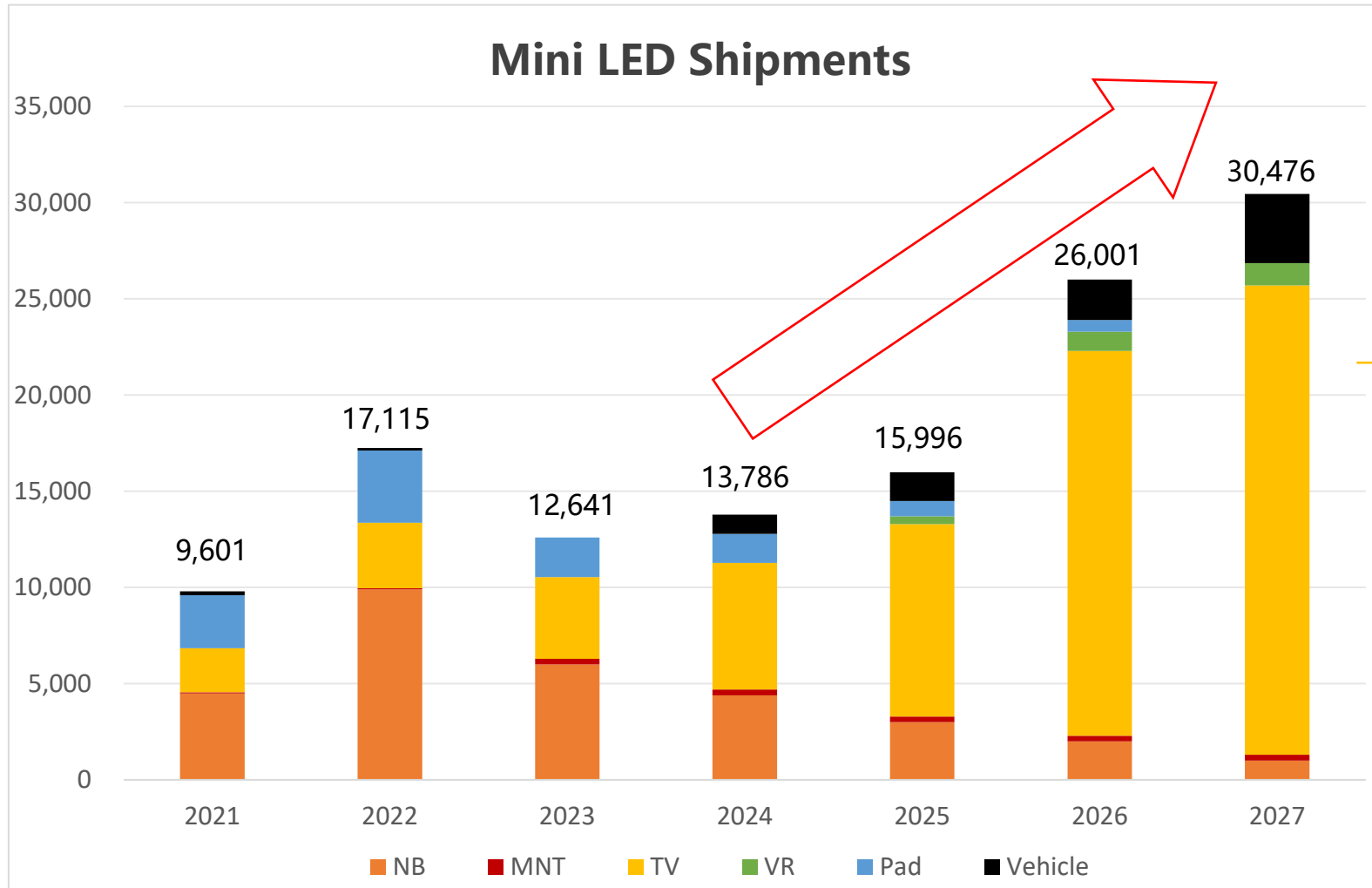




***03** Market Outlook*

Mini LED Market is exploding

Mini LED Shipments



Data Source: Runto, Orient Securities Research Institute

Vehicle, MLED has become an inevitable trend

Multiple models are new equipped with MLED

(BMW, Benz, GM, Volvo, Lincoln, ...)



TV, market share increase with price and performance advantages (Expected to surpass OLED)

- Samsung, 43~98", Neo QD-Mini 4K LED
- TCL 115", QD-Mini 4K LED & SONY

MNT, market stably with highly accepted



- Acer 57" Mini LED 120Hz MNT
- Cooler Master 27" Mini LED 165Hz

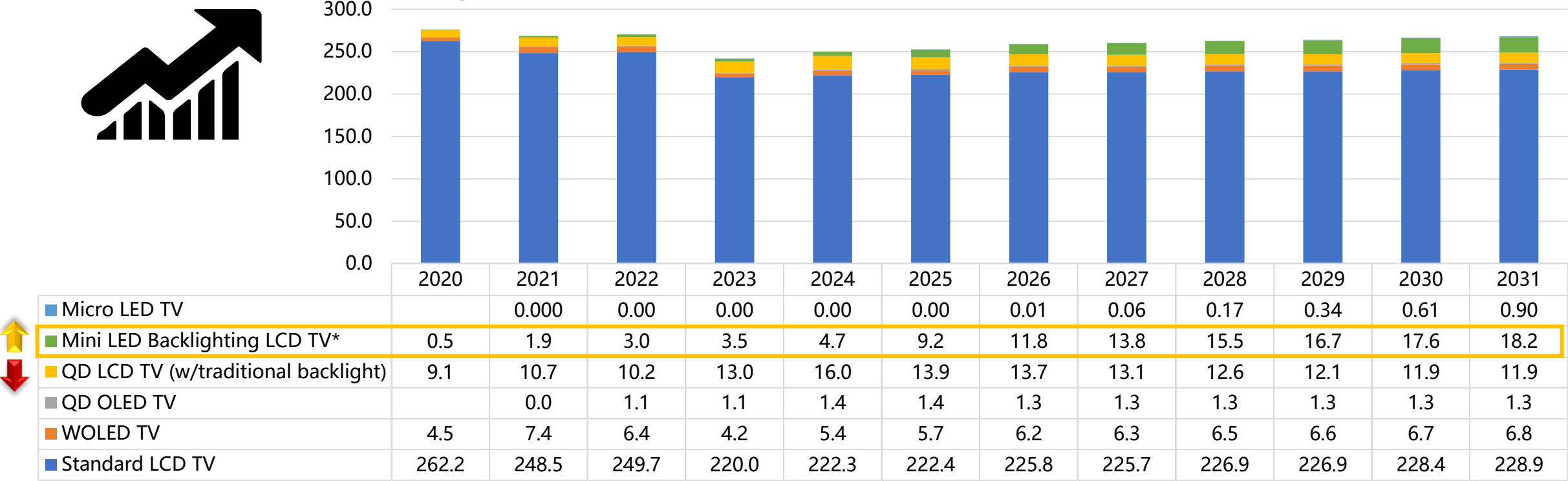
NB, OLED growth suppresses MLED

- MSI 18" Mini LED 4K 120Hz
- Lenovo 16" Mini LED 165Hz



Display Trends: Strong Demand for MLED TVs

- **High-end and large-size products** are favored by consumers
- With Significant cost reductions, Mini LED has **price advantage over OLED**
- Mini LED market continues to grow



Unit: Million Unit (Data Source: OMDIA)

Display Trends: Vehicle Market

CID: Mini/Micro LED drives upgrades

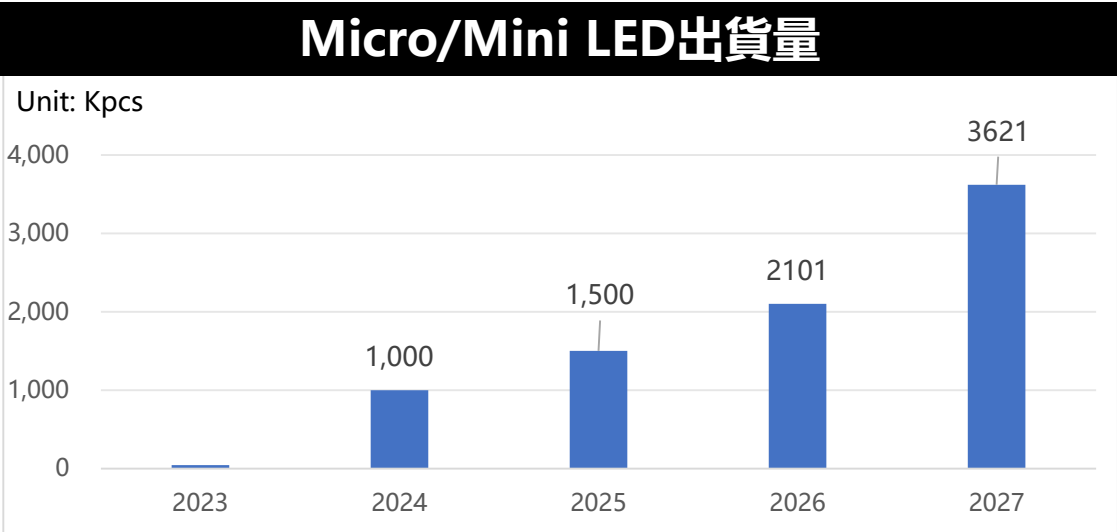
- Lincoln, Cadillac, Hongqi, Xiaomi, NIO, IDEAL, Roewe, ZEEKR etc.

HUD: Mini LED is an inevitable trend

- BMW, Benz, GM, Volvo, Lincoln, NIO, Roewe, IDEAL, ZEEKR etc.

Smart Lighting: Mass application of Micro LED in mid-to-high-end models?

- Porsche, Volkswagen, NIO



Data Source: Omidia

High brightness	High transparency	Wide viewing angle	No aging No burn-in	Free shape	Outdoor Robust
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High brightness control panel



High brightness control panel



High brightness media display

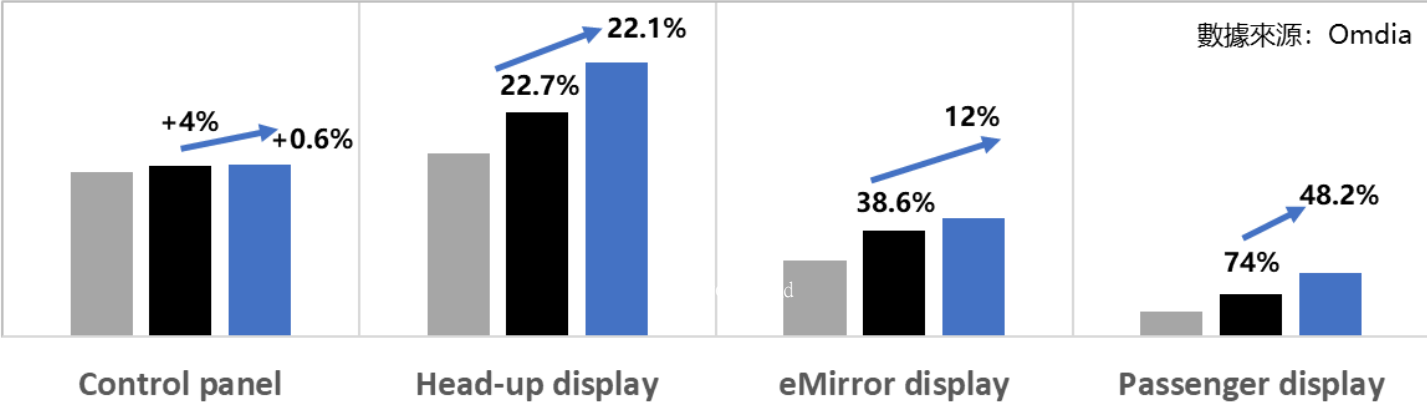


Solid-State Light.Done Right.

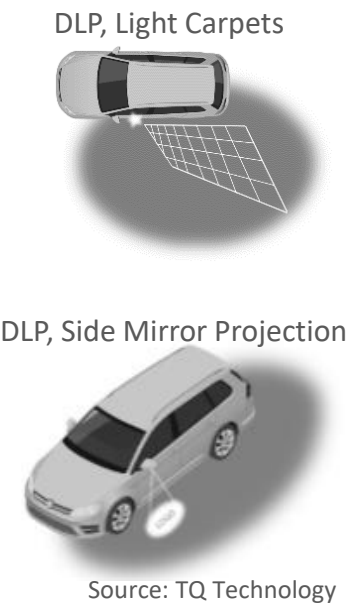
Automotive Lighting, widespread application

Automotive lighting market size is estimated to reach 48.11 BUSD by 2029, with a projected CAGR of 6.55% from 2024 to 2029

- Diverse application, continuous fermentation



Interactive Front Grill Displays Source: Sony Honda Mobility	Interactive B-Pillar Displays Source: Geely Zeekr	Interactive Rear-Light Displays Source: Optoelectronics-MIND Electronics	Intelligent Adaptive Headlights Source: ams OSRAM, Merelli	Door Projection Light Source: Bentley, TQ Technology	
W-HUD Source: Stellantis	AR-HUD Source: Envisics	AR-Lite HUD Source: Nippon Seiki	In-Plane HUD Source: TI	Panoramic HUD Source: BMW	Floating Displays Source: FOVIA Source: Toyota





04 Business Strategy

AI, Automation and Modularization

AI & Automation

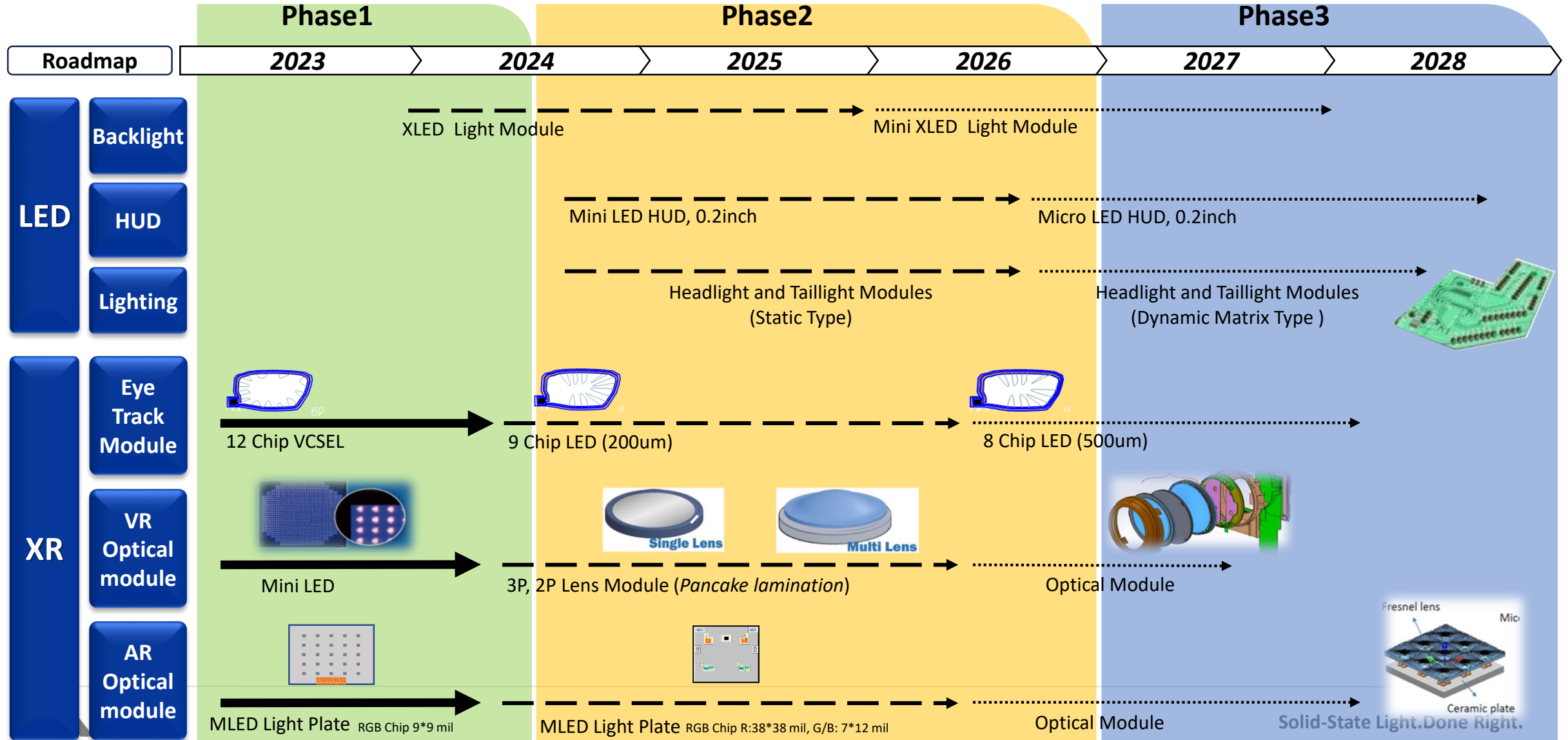
In response to the US-China trade tensions, AOT transforms into **automation** and **artificial intelligence (AI) production** to **lower costs** and **boost competitiveness**. Also, optimized the **organization efficiency** continuity.

Modularization

To combine the advantage of **AOT's component production** and **ASPHETEK's Module technology**, aims to **accelerate product development time**, **strengthen direct client collaboration**, **reduce communication gaps** and **provide the best services**.

Development Roadmap

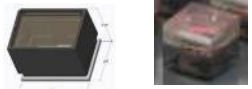
From Key Component to Vertical Integration, go into a Innovative future



Light Sensor Business Strategy

- Mass production for Light Sensor, bringing new revenue for 2026
- Expand into the new markets of automotive and humanoid robots.

**From OEM
to OEM⁺**



Ambient Light Sensor

Color Sensor

Heart Rate Sensor

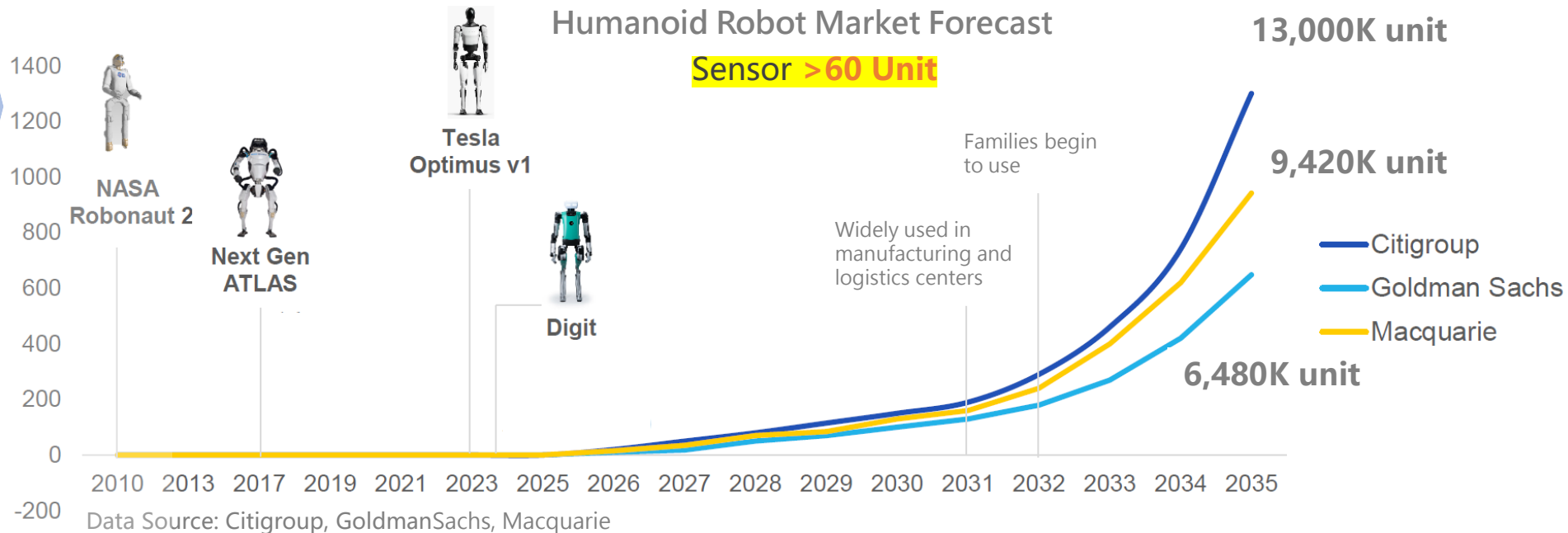
Time of Flight Sensor

Analog Proximity Sensor

Digital Proximity Sensor

The global humanoid robot market forecast

- Citigroup : 13M by 2035 and 650M by 2050.
- Goldman Sachs: 2.92M by 2030 and 6.48M by 2035 (an annual growth rate of 50%).
- Macquarie : 1.16M by 2030 (penetration rate 0.85%), 9.42M by 2035 (penetration rate 8.52%)
- Morgan Stanley : more widespread than auto vehicles. In the US, there will be 8M by 2040 and 63M by 2050.



Automotive Lighting Business Strategy

- From AM to OE, Trier1 customer products have already entered MP stage.
- More closely work with all the clients

From Module to Solution

Smart handlamp, Split headlight, ADB, HUD, Self-cleaning



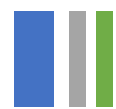
From Tesla



From Skoda



Ferrari Purosangue



Q & A

If you have any question, welcome to discuss.

AOT