

Quarterly Medium & Large OLED Display Market Track Sample

1Q, 2025

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1. Reference Guide

Application Covered

- Automotive
- Notebook
- Monitor
- Tablet PC
- TV
- Etc.

Substrate Covered

- Flexible OLED
- Rigid OLED

Nation Covered

- Korea
- China
- Taiwan
- Japan

Actual and Forecast

- Quarterly update
- History : 3-year, Forecast : 5-year

Unit

- Shipments : M pcs
- Revenue : US\$ millions
- Average Selling Price : US\$
- Display Area : (million m²)

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Medium & Large OLED Display Quarterly Market Track
- 1Q25 Data Tables

- [Quarterly Capacity](#)
- [Quarterly Capacity Glass Area](#)
- [Quarterly Capacity Glass Area Chart](#)
- [PIVOT Quarterly Performance](#)
- [PIVOT Quarterly ASP Trend](#)
- [PIVOT Forecast](#)
- [Supply & Demand for TV](#)

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Data_Quarterly

- Contents

> Capa/month

> Capa/month (1,000 sheets)

Company	Fab. Location	Gen	Backplane	OLED Method	Status	PO	1Q24	2Q24	3Q24	4Q24	1Q25	2Q25	3Q25	4Q25	1Q26	2Q26	3Q26	4Q26	1Q27	2Q27	3Q27	4Q27	1Q28	2Q28	3Q28	4Q28	1Q29	2Q29	3Q29	4Q29
Samsung Display	Tangjeong A2	5.5	LTFS TFT	RGB OLED	MP	2Q11																								
Samsung Display	Tangjeong A2	5.5	LTFS TFT	RGB OLED	MP	2Q17																								
Samsung Display	Tangjeong A2	5.5	LTFS TFT	RGB OLED	MP	3Q16																								
Samsung Display	Tangjeong A2	5.5	LTFS TFT	RGB OLED	MP	4Q12																								
Samsung Display	Tangjeong A3	6.0	LTPO TFT	RGB OLED	MP	3Q16																								
Samsung Display	Tangjeong A3	6.0	LTPO TFT	RGB OLED	MP	4Q15																								
Samsung Display	Tangjeong A8	8.6	Oxide TFT	RGB tandem OLE	ordered	2Q23																								
Samsung Display	Tangjeong Q1	8.5	Oxide TFT	QD OLED	MP	1Q20																								
LG Display	Guangzhou 1	8.5	Oxide TFT	WRGB OLED	MP	1Q18																								
LG Display	Guangzhou 2	8.5	Oxide TFT	WRGB OLED	MP	3Q18																								
LG Display	Gumi E5	6.0	LTFS TFT	RGB OLED	MP	1Q16																								
LG Display	Paju E3	8.5	Oxide TFT	WRGB OLED	MP	4Q10																								
LG Display	Paju E4	8.5	Oxide TFT	WRGB OLED	MP	2Q13																								
LG Display	Paju E4	8.5	Oxide TFT	WRGB OLED	MP	4Q15																								
LG Display	Paju E6	6.0	LTPO TFT	RGB tandem OLE	Install	4Q21																								
BOE	Chengdu B16	8.6	LTPO TFT	RGB tandem OLE	ordered	2Q24																								
BOE	Chongqing B12	6.0	LTFS TFT	RGB tandem OLE	Install	3Q21																								
BOE	Hefei	8.5	Oxide TFT	WRGB OLED	PP	4Q12																								
Visionox	Hefei V3	6.0	LTFS TFT	RGB tandem OLE	Install	3Q22																								
Visionox	Hefei V5	8.6	LTFS TFT	RGB tandem OLE	Expect	1Q25																								

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- Capacity Chart_Quarterly**
- Contents
 - > Total Glass Area
 - > Glass Area by Company and Ratio
 - > Glass Area by TFT Technology and ratio
 - > Glass Area by Generation and Ratio
 - > Glass Area by Substrate and Ratio
 - > Glass Area by Nation and Ratio

> Total Glass Area (million m²)

Item	1Q25	2Q25	3Q25	4Q25	1Q26	2Q26	3Q26	4Q26	1Q27	2Q27	3Q27	4Q27	1Q28	2Q28	3Q28	4Q28	1Q29	2Q29	3Q29	4Q29	
Total																					
QoQ																					
YoY																					



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Vertical (Value) Axis

Quarterly ASP Trend

- Contents

> Pivot of quarterly ASP (US\$)

Nation (All) Substrate (All)

Application Size US\$

Application	Size	1Q21	2Q21	3Q21	4Q21	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24	3Q24	4Q24
Automotive																	
etc																	
Monitor																	
NB																	
TV																	
Tablet PC																	

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A6 : X ✓ fx ■ Yearly Forecast Shipment



Yearly Forecast Shipment

- Contents
> Pivot of forecast shipment (Mpcs)

		M pcs				
Company	Application	2025	2026	2027	2028	2029
BOE	Tablet PC					
LG Display	Automotive					
	NB					
	Tablet PC					
	TV					
Samsung Display	Automotive					
	Monitor					
	NB					
	Tablet PC					
	TV					
Visionox	Tablet PC					
Total						

Yearly Forecast Revenue

- Contents
> Pivot of forecast revenue (US\$ million)

		US\$ million				
Company	Application	2025	2026	2027	2028	2029
BOE	Tablet PC					
LG Display	Automotive					
	NB					
	Tablet PC					
	TV					
Samsung Display	Automotive					
	Monitor					
	NB					
	Tablet PC					
	TV					
Visionox	Tablet PC					
Total						

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	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF
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Quarterly Supply and Demand Analysis

- Contents

- > Supply and Demand Analysis for TV
- > Supply and Demand Analysis for TV (M pcs)

	1Q25	2Q25	3Q25	4Q25	1Q26	2Q26	3Q26	4Q26	1Q27	2Q27	3Q27	4Q27	1Q28	2Q28	3Q28	4Q28	1Q29	2Q29	3Q29	4Q29	
supply																					
demand																					
glut																					

