FABULUX LED

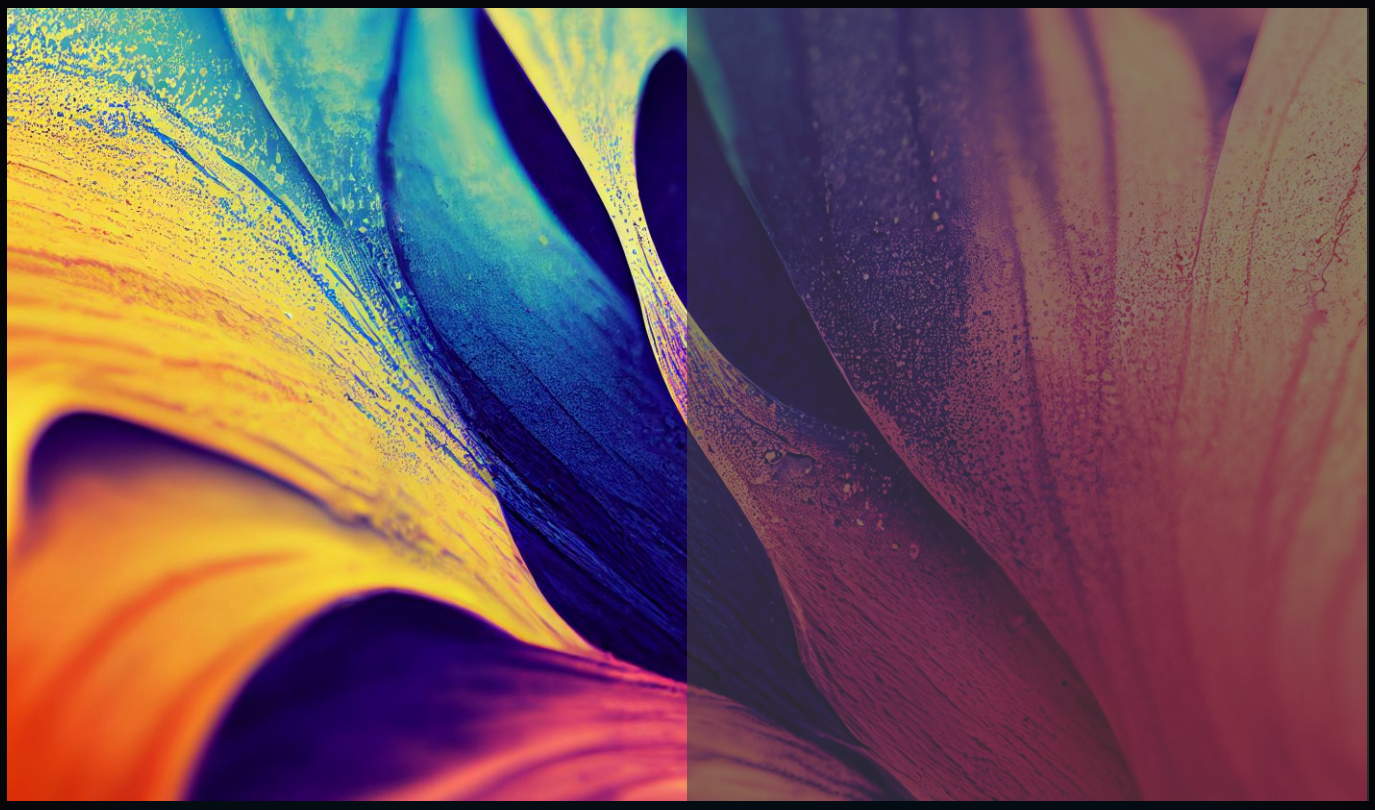
TMAX MiP

Enter your life

When life converges with cutting–edge technology, our best–in–class LED solutions redefine the art of visual experiences—introducing the revolutionary **real Micro LED display.**

Have you ever been troubled by glaring light and overheating of the display screen while immersed in the content? Or constantly plagued by scenes filled with modularity, side view, uniformity, and grayscale, leaving you with a headache? Fabulux's latest solution allows you to bid farewell to these issues and embrace peace of mind effortlessly.

TMAX MiP—where every detail springs to life. Powered by Fabulux's cutting–edge Micro LED in Package technology, we unlock the full potential of high–definition displays, delivering a seamless blend of stunning visuals, low–carbon efficiency, and user–friendly experiences.

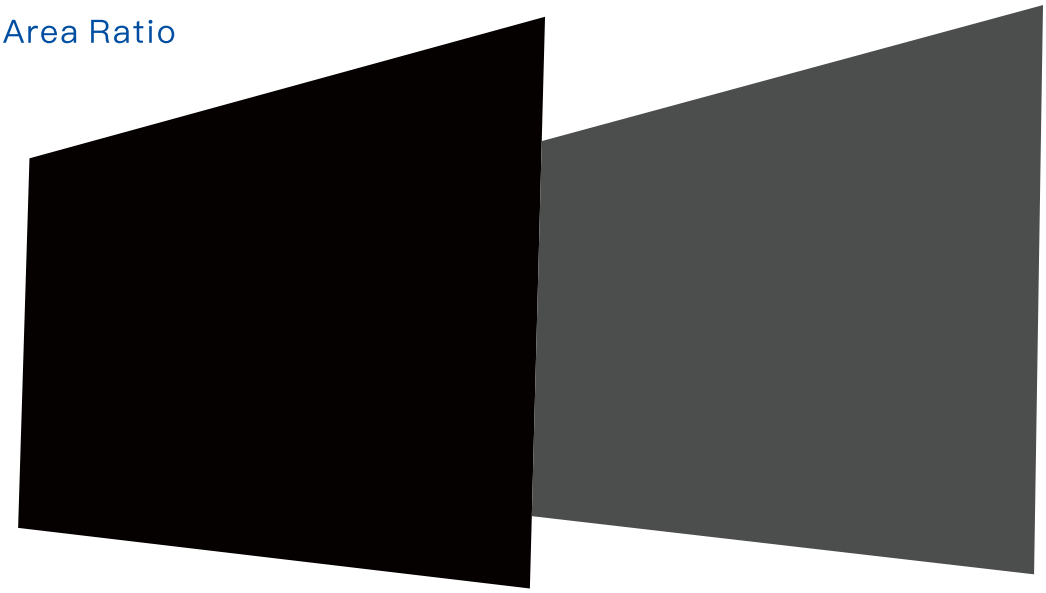


TMAX MiP

Traditional RGB

99.03%

Black Area Ratio

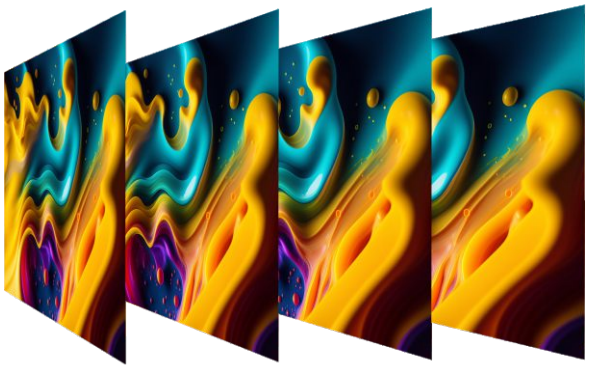


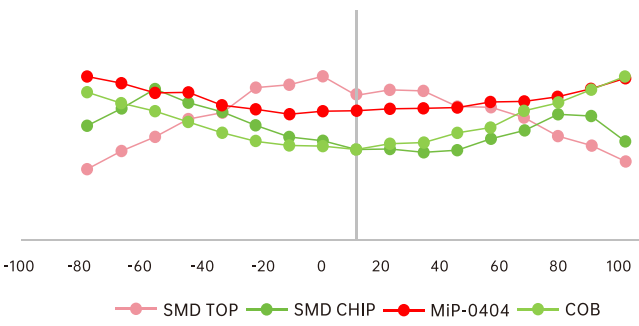
Harnessing the world's smallest **Micro LED chip 0202** and a substrate–free design, with a luminous area occupying just **1%**, our display achieves an exceptionally pure deep black, delivering an unparalleled contrast ratio for the ultimate visual experience.

By leveraging a groundbreaking substrate-free Micro LED design, we eliminate substrate refraction, achieving a significantly widest light output angle-175°.

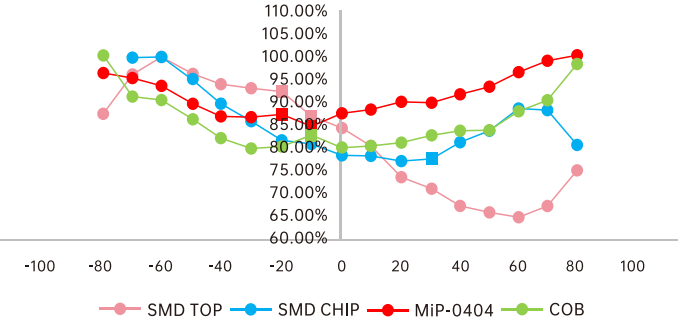
175°
Viewing Angle

No Color Shift



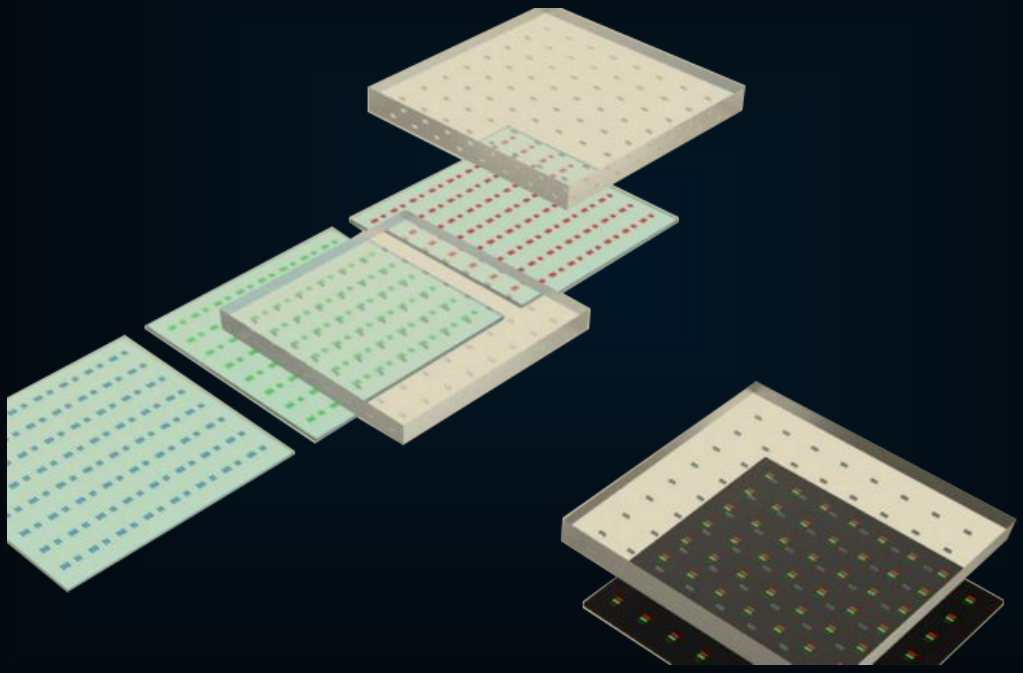


Color temperature symmetry at horizontal angles



Color temperature symmetry at vertical angles

Mass transfer plays a critical role of MiP manufacturing process, driving groundbreaking innovations in the realm of chip packaging and setting new benchmarks for precision(**≤1μm**) and efficiency (**70 times** greater than traditional die bonding methods, with yield rate as high as **99%**).



40%
Energy Saving

16:9
16:9
Golden Ratio

175°
Ultra-wide
Viewing Angle

100,000:1
High Contrast

MiP
MiP
Technology

Specifications

Model Name	FAB-MiP0.7	FAB-MiP0.9
Pixel Pitch (mm)	0.7	0.9
Pixel Density (dot/m²)	1,638,400	1,137,777
LED Sealing Type	MiP 0202	MiP 0202
Chip size(die) RGB(um)	34*58	34*58
Module Resolution (PX*PX)	192*216	160*180
Module Size (mm*mm)	150*168.75	150*168.75
Module Weight (kg)	0.15	0.15
Module Thickness (mm)	2.35	2.35
Contrast Ratio	100,000:1	100,000:1
Horizontal Viewing Angle (Deg)	175°	175°
Vertical Viewing Angle (Deg)	175°	175°
Brightness (cd/m²)	600-1,000	600-1,000
Max Power Consumption (W/m²)	350-640	350-640
Avg. Power Consumption (W/m²)	120	120
Grey Scale (bit)	16	16
Refresh Rate (Hz)	3,840-7,680	3,840-7,680
Cabinet Size (mm * mm)	600*337.5	600*337.5
Cabinet Thickness (mm)	31.1	31.1
Cabinet Weight (Kg)	4.38	4.38
Input Voltage (V)	AC100-240V	
Working Temperature (℃)	-20~+55℃	
Working Humidity (RH)	10%~95%RH	
Storage Humidity (RH)	10%~60%RH	
Storage Temperature (℃)	-30~+60℃	
Maintenance Type	Front	
Life Span	>100,000 hours	
Working Environment	Indoor	
Ingress Protection	IP65/IP20	
Certificates	CE(EMC A, LVD), FCC, ETL	