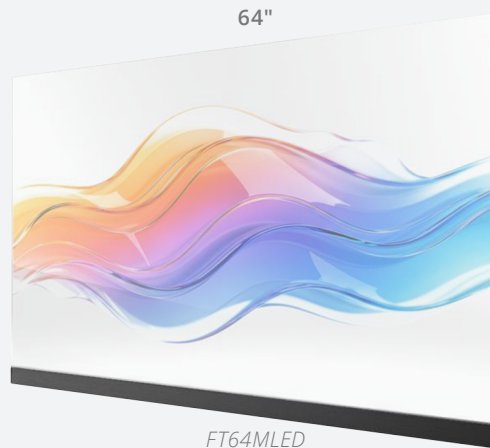


FT42MLED
TBDFT64MLED
TBD

Prototype Datasheet (Preliminary)

02.09.2026

Pictures show sample configurations, real product may vary.



DISPLAY

Display Size [inch]	42"	64"
	 I-type integration kit 1 × 42" Module	 I-type integration kit 2 × 42" Module
Configuration		

Display Technology	AUO Transparent Micro-LED (AM RGB)	AUO Transparent Micro-LED (AM RGB)
Active Area W × H [mm]	~701.99 × 789.83	~1404.71 × 789.83
Resolution [pixel]	980 × 1080	1920 × 1080
Pixel Density/Pitch [mm]	~0.738 (derived)	~0.738 (derived)
Aspect Ratio	8:9 (portrait)	16:9 (landscape)
Brightness [cd/m²]	1000 (full)	800 (full)
Contrast Ratio	TBD	TBD
Transmittance	58.5%	58.5%
Response Time [ms]	TBD	TBD
Frame Rate [Hz]	120	120
Viewing Angle U / D / L / R [°]	89 / 89 / 89 / 89	89 / 89 / 89 / 89
Color Gamut	DCI-P3 > 98%	DCI-P3 > 98%
Display Colors	1.07B (10bit)	1.07B (10bit)
Display Operation Mode	Normally Black	Normally Black
Border Width U/D/L/R [mm]	2.47 / 63.86 / 2.47 / 2.47	3.27 / 46.8 / 3.30 / 3.30
Interface	V-by-one	V-by-one

COVER GLASS

Surface Hardness	9H
Cover Glass Surface Treatment	Anti-Glare
IK Protection	TBD
Strengthening	Thermally Strengthened
Optical Bonding	Optional, Clear Bond®

ENVIRONMENTAL CONDITIONS

Operation Temperature	0°C to 40°C
Storage Temperature	-20°C to 60°C
Operation Humidity Range	10% to 80%
Storage Humidity Range	5% to 85%
Usage	18 (hrs / day)

I/O PORTS

	42"	64"
Power	1x 6-pin adaptor	2x 6-pin adaptor
Video	1x DP in	1x DP in
	1x DP in (cascade)	1x DP in (cascade)
	1x DP out (cascade)	1x DP out (cascade)

POWER

	42"	64"
Power Supply	AC 100~240V 1x Adapter of 360W	AC 100~240V 2x Adapter of 360W
Power Consumption	330W (full white)	550W (full white)
Standby Power	<1W	<1W

WEIGHT & PACKAGING

	42"	64"
Dimension W × H × D [mm]	708.6 × 945.16 × 55.0	1411.32 × 945.96 × 50.0
Net Weight	~10.0 kg	~20.0 kg
Gross Weight	TBD	TBD
Packaging Material	100% recyclable cardboard and polyethylene (PE)	100% recyclable cardboard and polyethylene (PE)
Packaging Size	TBD	TBD

ACCESSORIES

Power Adapter	1x Included
Remote Controller	Optional

CERTIFICATIONS

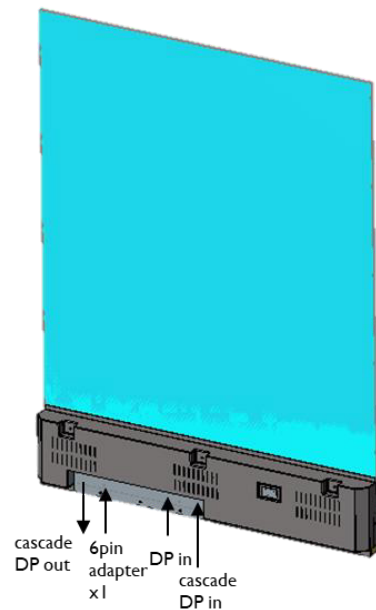
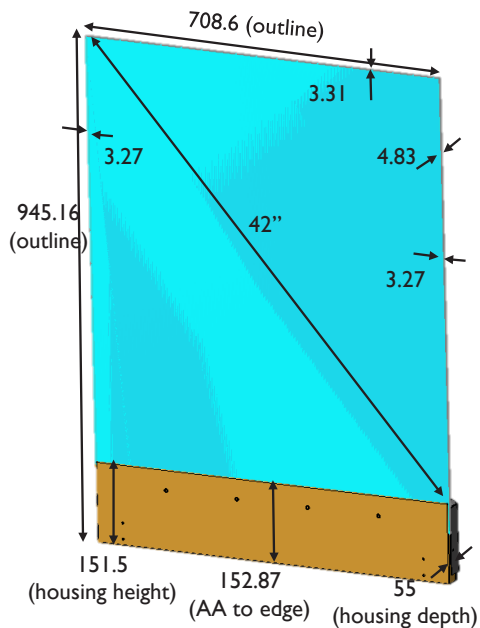
CE Certificate	Yes
FCC Certificate	Yes

INTENDED USE/APPLICATION

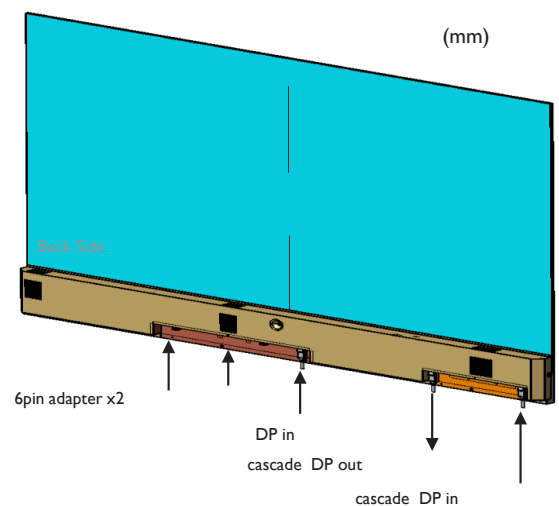
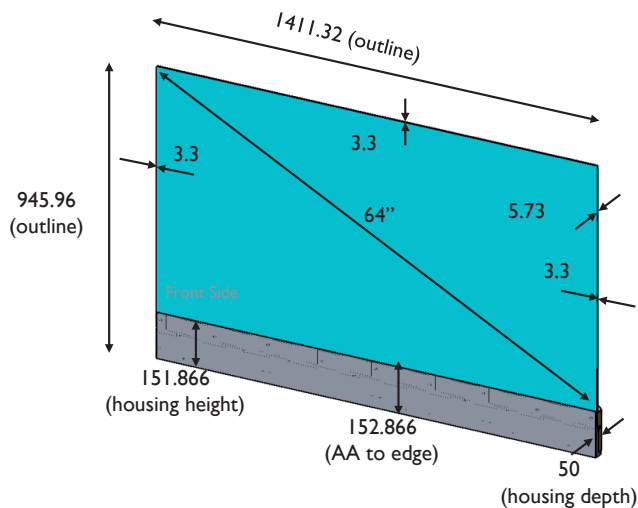
The device is to be used as a Transparent Micro-LED for indoor or semi-outdoor use to replace glass applications for retail, hospitality, transportation, automotive, aerospace and military. These specific units are produced for integration with the video box for demonstrations, such as events, exhibitions and expositions.

Direct sunlight might increase the device temperature beyond the allowed storage and operation conditions. Therefore the devices must be protected against direct sunlight. Devices operated or stored outside the specified temperature ranges are not covered by warranty.

DIMENSIONS 42" (I-TYPE INTEGRATION KIT)



DIMENSIONS 64" (I-TYPE INTEGRATION KIT)



UPDATE NOTES:

Version:	Changes:
v1	First version