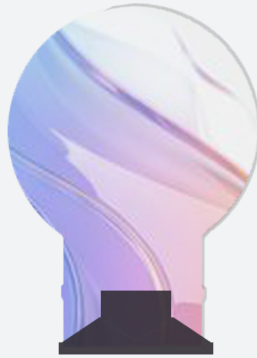


FT033MLED

v1: GL: TBD | EU: TBD

AUO
Partner

Not actual representation of COF

Prototype Datasheet (Preliminary)

02.09.2026

Pictures show sample configurations, real product may vary.



DISPLAY

Display Size [inch]	3.31 (diameter)
Display Technology	AUO Transparent Micro-LED
Pixel Density [mm]	0.183 (139 ppi)
Aspect Ratio	1:1 (circular)
Resolution	460 × 460
Active Area W × H [mm]	84.2 × 84.2
Cell Dimensions [mm]	89.2 × 91.2
Transmittance	Option 1 - W/O black switch layer: 40%
	Option 2 - With black switch layer: Transparent mode (black switch on) > 20% Non-transparent mode (black switch off) > 4%
Brightness [cd/m²]	2000nits @ 20% OPR 1000nits @100% OPR
Black Switch	Yes
Switching Time [ms]	~100
Interface	Touch, AiSi CG

COVER GLASS / TOUCH

Touch Function	Yes, TBD
Cover Glass Thickness F/B [mm]	TBD
Cover Glass Surface Treatement	TBD
IK Protection	TBD
Strengthening	Thermally Strengthened
Optical Bonding	OCA Bonding

INTENDED USE/APPLICATION

The device is to be used as a Transparent Micro-LED for indoor or semi-out-door use to replace glass applications for retail, hospitality, transportation, automotive, aerospace and military.

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.

ENVIRONMENTAL CONDITIONS

Operation Temperature	0°C to 40°C
Storage Temperature	-10°C to 60°C
Operation Humidity Range	10% to 80%
Storage Humidity Range	10% to 90%

CERTIFICATIONS

CE Compliant	Yes (no certificate)
FCC Compliant	Yes (no certificate)
Products are Compliant with these regulations, but no formal certificate is available, this can be requested for an additional fee.	

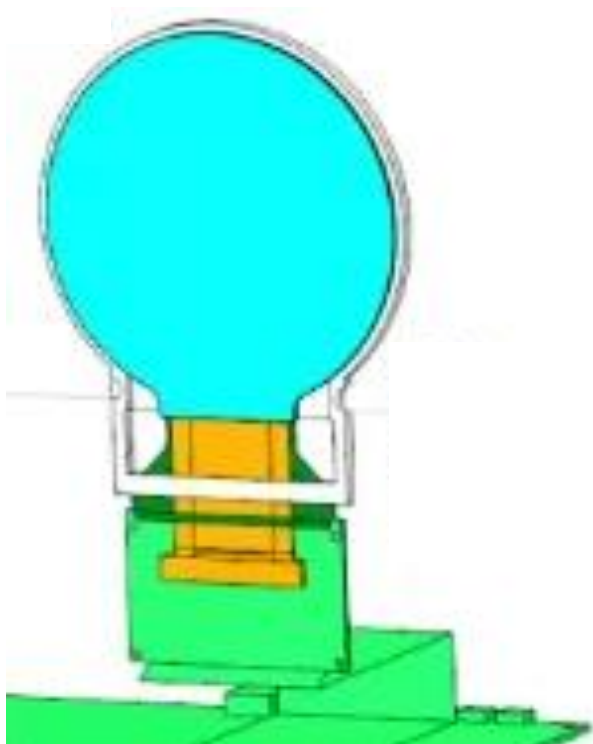
POWER

Working Power	TBD
Power Consumption	TBD
Stand-By Consumption	<1W

WEIGHT & PACKAGING

Net Weight	~TBD kg est.
Gross Weight	~TBD kg est. (incl. Cartonage)
Packaging Material	100% recyclable cardboard and polyethylene (PE)
Packaging Size L × W × H [mm]	TBD

DIMENSIONS



Early Stage Diagram (preliminary)

UPDATE NOTES:

Version:	Changes:
v1	First version