

# ULTRA LDAISP01.2UL

FULL FLIP CHIP MICROLED SCREEN PANEL FOR  
HIGH PRECISION & HIGH DEFINITION  
LEDWALL PROJECTS



- Ultra quality for ultra high definition requirements
- Optimized for meeting room and broadcast studio installations
- Fanless design without noise
- Super high gray scale and refresh rate
- High reliability and stability for 7/24 operation
- Special mask design to reduce moire effect in broadcast studio projects

## MEETING ROOM İSTANBUL / TÜRKİYE



### General

Operating environment	indoor
Pixel pitch	1.25mm
Service type	front access
Calibrated brightness (nits)	>600nits
Lamp type	Flip Chip COB Micro LED
Lifespan (hours at %50 brightness)	>100.000hours
White color calibration (adj.)	3.000K~8.500K
Gray scale	>16bits
Brightness control	256 level

### Module Specifications

Refresh frequency	3.840Hz
LED drive method	dynamic
Module material	aluminum
Module type	apparent
PCB type	multilayer
PCB surface coating	humiseal

### Panel Specifications

Panel material	aluminum
Panel dimensions 'mm' <sup>1</sup>	600x337.5
Diagonal size	27" [16.9]
Panel weight	<8kg
Panel resolution	480x270px
Pixel density (pcs/sqm)	640.000
Viewing angle (horizontal x vertical)	>175° x 175°
Minimum viewing distance	>1.2m
Operating temperature range	0°C ~ +50°C
Storage temperature range	-20°C ~ +60°C
Operating humidity	10% ~ 90% non-condensing
Power input voltage	110 ~ 240 VAC
Power input frequency	50 ~ 60 Hz
Average power per sqm	<80W
Max power per sqm	<400W
Active PFC	YES
Load tolerance <sup>2</sup>	25% min.
Panel installation type	Fixed installation
Cooling	Passive cooling

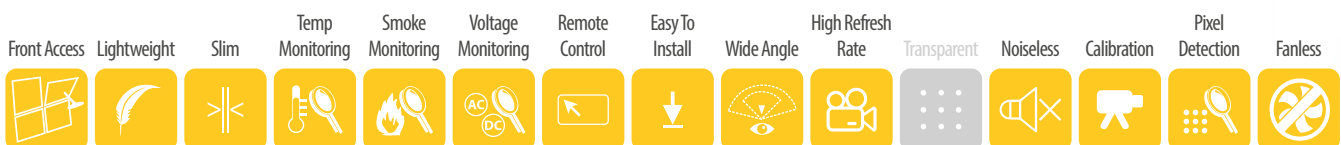
### Other

Max input resolution	FHD, UHD, 4K, 8K
Standard video sources <sup>3</sup>	All digital formats
Brightness adjustment	Automatic & manual
Death pixel monitoring	Optional
Module monitoring	YES
Temperature monitoring	YES
Smoke monitoring	Optional
Voltage monitoring	YES
Power redundancy	N/A
Signal path backup	YES
Signal transmission	CAT or Fiber Optic
Standby scheduling	YES
Power on/off scheduling	Optional
Power saving mode	YES
Certification	CE-EMC, CE-LVD, RoHS, FCC

### Options

\*The mechanical and electronic specification options are available.

- Panel dimensions can change upon customer request
- That value is the remain capacity of PSU's at 100% brightness and white color content
- Different types of video input available as option



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