## **FREEFORM**

# DSOSP04.8FF

**FLEXIBLE INDOOR AND OUTDOOR LED SCREENS** FOR CURVED AND IRREGULAR SHAPED **PROJECTS** 

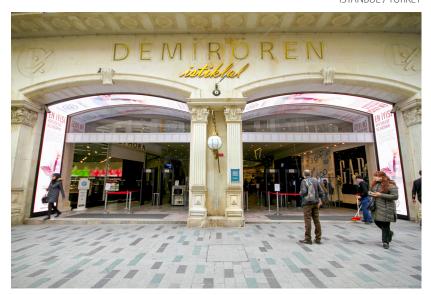






- Suitable for any kind of convex or concave installations
- Intelligent construction for ultra-thin frame depth
- Lightweight for easy adaptation and low cost framework design
- Improved mask structure that increases viewing angle
- Special framework design and production available

## **DEMIROREN MALL** ISTANBUL / TURKEY



General	
Operating environment	outdoor
Pixel pitch	4.8mm
Service type	front and rear access
Calibrated brightness (nits)	5.000nits
Lamp type	SMD
Lifespan (hours at %50 brightness)	>100.000hours
White color calibration (adj.)	3.500K~8.500K
Grav scale	>16bits
Brightness control	256 level
Module Specifications	
Module dimensions (mm)	250x250
Refresh frequency	3.840Hz
Module resolution	52x52px
LED drive method	dynamic
Module material	plastic (el.)
Module type	freeform
PCB type	multilayer thin film
PCB surface coating	tape film
Panel Specifications	таре ппп
Panel material	
	steel
Panel paint	ES powder coated
Panel dimensions (mm) <sup>1</sup>	adjustable
IP level	IP67 front IP65 rear
Minimum curving diameter (mm)	850
Panel resolution	adjustable
Pixel density (pcs/sqm)	43.264
Viewing angle (horizontal x vertical)	>160° x 140°
Minimum viewing distance	>5m
Operating temperature range	-10°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	<150W
Max power per sqm	<650W
Active PFC	YES
Load tolerance2	25% min.
Panel installation type	Fixed installation
Cooling	Passive cooling
Other	
Max input resolution	FHD, UHD, 4K, 8K
Standard video sources3	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.

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

Front Access Lightweight

Slim

Smoke Temp Monitoring Monitoring

Voltage Remote Monitoring Control

Easy To Install

Wide Angle

High Refresh Rate

Noiseless

Calibration

Pixel Detection

Fanless





























