

LGSOSP04.8FF

FLEXIBLE & CURVED LED SCREENS FOR
CREATIVE ARCHITECTURAL &
IMMERSIVE INSTALLATIONS



Ürün görseli buraya

- ☐ New generation full-flip chip microLED technology
- ☐ Adjustable brightness optionally up to 6.500 nits
- ☐ Production level calibration for best color uniformity
- ☐ Aluminum fanless design for high performance under extreme conditions
- ☐ Lightweight for easy adaptation and low cost framework design
- ☐ Lower power consumption with common-cathode technology

Yaşam tarzı / araba görseli buraya

LEDGARANTI FREEFORM
FLEXIBLE SOLUTIONS

- 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

IDEAL FOR

Curved Surfaces Architecture & Facade Creative Retail Immersive Spaces Stage & Events Art & Exhibition

ADVANCED FEATURES

Front Access	Lightweight	Slim	Temp Monitoring	Smoke Monitoring	Voltage Monitoring	Remote Control	Easy To Install
Wide Angle	High Refresh Rate	Transparent	Noiseless	Calibration	Pixel Detection	Fanless	

TECHNICAL SPECIFICATIONS

GENERAL

Operating environment	:	outdoor
Pixel pitch	:	4.8mm
Service type	:	front and rear access
Calibrated brightness (nits)	:	5.000 nits
Lamp type	:	SMD
Lifespan (hours at %50 brightness)	:	>100.000 hours
White color calibration (adj.)	:	3.500K-8.500K
Gray scale	:	>16 bits
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

Panel material	:	steel
Panel paint	:	ES powder coated
Panel dimensions (mm)	:	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 tolerance	:	25% min.
Panel installation type	:	Fixed installation
Cooling	:	Passive cooling

OTHER

Max input resolution	:	FHD, UHD, 4K, 8K
Standard video sources	:	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



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