

LGCOSP10.0AR

HIGH-BRIGHTNESS LED SCREENS FOR
STADIUMS, ARENAS &
SPORTS VENUES



TECHNICAL SPECIFICATIONS

GENERAL

Operating environment	:	outdoor
Pixel pitch	:	10mm
Service type	:	rear access
Calibrated brightness (nits)	:	5.500 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)	:	320x160
Refresh frequency	:	3.840Hz
Module resolution	:	32x16px
LED drive method	:	dynamic
Module material	:	plastic (PC)
Module type	:	apparent
PCB type	:	multilayer
PCB surface coating	:	humiseal

PANEL SPECIFICATIONS

Panel material	:	aluminum
Panel paint	:	ES powder coated
Panel dimensions (mm)	:	960x960
IP level	:	IP67 front and IP54 rear
Panel weight	:	<40 kg
Panel resolution	:	96x96
Pixel density (pcs/sqm)	:	10.000
Viewing angle (horizontal x vertical)	:	>120° x 120°
Minimum viewing distance	:	>10m
Operating temperature range	:	-15°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	:	<120W
Max power per sqm	:	<600W
Active PFC	:	YES
Load tolerance	:	25% min.
Panel installation type	:	Fixed installation
Cooling	:	Internal fan

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

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 STADIUM
LED 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

Stadium Arena & Sports Hall Scoreboard Perimeter Board Live Events Broadcast

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	

