

LGSISP3.9/7.8FA

TRANSPARENT & LIGHTWEIGHT LED SCREENS FOR
ARCHITECTURAL MEDIA FACADES &
BUILDING ENVELOPES



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 FACADE
MEDIA 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

Media Facade Building Envelope Transparent Glass Landmark & Skyline Retail Facade Architectural Lighting

ADVANCED FEATURES



TECHNICAL SPECIFICATIONS

GENERAL

Operating environment	: indoor and semi outdoor
Pixel pitch	: 3.9(H)/7.8mm(V)
Service type	: front and rear access
Calibrated brightness (nits)	: 4.000 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)	: 500x125
Refresh frequency	: 1.920Hz
Module resolution	: 128x16px
LED drive method	: dynamic
Module material	: aluminum
Module type	: sealed
PCB type	: multilayer
PCB surface coating	: humiseal

PANEL SPECIFICATIONS

Panel material	: Die-cast aluminum
Panel paint	: ES powder coated
Panel dimensions (mm)	: 1.000x500
IP level	: IP54 front and rear
Transparency ratio	: 60%
Panel weight	: <20 kg
Panel resolution	: 256x64px
Pixel density (pcs/sqm)	: 32.768
Viewing angle (horizontal x vertical)	: >120° x 120°
Minimum viewing distance	: >5m
Operating temperature range	: -5°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	: <100W
Max power per sqm	: <600W
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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