

LGAOTP42.5FA

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	:	outdoor
Pixel pitch	:	42.5mm
Service type	:	front and rear access
Calibrated brightness (nits)	:	6.500 nits
Lamp type	:	DIP
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)	:	3.060x10
Refresh frequency	:	adjustable
Module resolution	:	72x1px
LED drive method	:	dynamic
Module material	:	aluminum
Module type	:	sealed
PCB type	:	multilayer
PCB surface coating	:	humiseal

PANEL SPECIFICATIONS		
Panel material	:	aluminum strip
Panel paint	:	ES powder coated
Panel dimensions (mm)	:	adjustable
IP level	:	IP66 front and rear
Transparency ratio	:	~70%
Panel weight	:	<12 kg/m2
Panel resolution	:	72 (per strip)
Pixel density (pcs/sqm)	:	555
Viewing angle (horizontal x vertical)	:	>120° x 120°
Minimum viewing distance	:	>40m
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	:	<100W
Max power per sqm	:	<600W
Active PFC	:	YES
Color	:	Gray
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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