

LGAOMP01.8CL

OUTDOOR FINE PITCH LED SCREENS FOR
DIGITAL OUT-OF-HOME MESSAGING &
PROFESSIONAL INSTALLATIONS



TECHNICAL SPECIFICATIONS

GENERAL

Chipset	:	
Operating environment	:	outdoor
Pixel pitch	:	1.86mm
Service type	:	front access
Calibrated brightness (nits)	:	3.800 nits
Lamp type	:	Flip-Chip Micro
Lifespan (hours at %50 brightness)	:	>80.000 hours
White color calibration (adj.)	:	3.500K-8.500K
Gray scale	:	>24 bits
Brightness control	:	256 level

MODULE SPECIFICATIONS

Module dimensions (mm)	:	160x360
Refresh frequency	:	3.840Hz
Module resolution	:	86x192px
LED drive method	:	dynamic
Module material	:	plastic (PC)
Module type	:	sealed
PCB type	:	multilayer
Surface coating	:	UV resistant & high contrast

PANEL SPECIFICATIONS

Panel material	:	aluminum
Panel paint	:	ES powder coated
Panel dimensions (mm)	:	640x360
Panel depth	:	70mm
IP level	:	IP65 rear
Panel weight	:	8.5 kg
Panel resolution	:	344x192px
Pixel density (pcs/sqm)	:	286.666
Viewing angle (horizontal x vertical)	:	175° x 160°
Minimum viewing distance	:	>1.8m
Operating temperature range	:	-20°C ~ +40°C
Storage temperature range	:	-30°C ~ +60°C
Operating humidity	:	10% ~ 80% non-condensing
Power input voltage	:	100 ~ 240 VAC
Power input frequency	:	50-60Hz
Average power per sqm	:	<200W
Max power per sqm	:	<600W
Active PFC	:	YES
Load tolerance	:	25% min.
Panel installation type	:	Fixed installation
Cooling	:	Passive cooling without 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

OPTIONS

Contrast ratio	:	10.000:1
Higher Brightness - CLX	:	6.500 nits
Corner installation	:	N/A

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

LEDGARANTİ OUTDOOR
FINE PITCH 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

DOOH Advertising Shopping Malls Stadiums Corporate Buildings Transport Hubs Control Rooms

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	

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