

CITYLINE

LDAOMP01.2CL

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



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

LEDECA OUTDOOR
FINE PITCH SOLUTIONS



General

| | |
|------------------------------------|-----------------------|
| Operating environment | outdoor |
| Pixel pitch | 1.25mm |
| Service type | front and rear access |
| Calibrated brightness (nits) | 3.800nits |
| Lamp type | Flip-Chip Micro |
| Lifespan (hours at %50 brightness) | >80.000hours |
| White color calibration (adj.) | 3.500K~8.500K |
| Gray scale | >24bits |
| Brightness control | 256 level |

Module Specifications

| | |
|------------------------|------------------------------|
| Module dimensions (mm) | 160x360 |
| Refresh frequency | 3.840Hz |
| Module resolution | 128x288px |
| LED drive method | dynamic |
| Module material | aluminum |
| 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) ¹ | 640x360 |
| Panel depth | 70mm |
| IP level | IP65 rear |
| Panel weight | 8.5kg |
| Panel resolution | 512x288px |
| Pixel density (pcs/sqm) | 640.000 |
| Viewing angle (horizontal x vertical) | 175° x 160° |
| Minimum viewing distance | >1.2m |
| 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 ² | 25% min. |
| Panel installation type | Fixed installation |
| Cooling | Passive cooling without fan |

Other

| | |
|-------------------------------------|---------------------------|
| Max input resolution | FHD, UHD, 4K, 8K |
| Standard video sources ³ | 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 | 6.500nits |
| Corner installation | N/A |

*The mechanical and electronic specification options are available.

- 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



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TECHNICAL SPECIFICATIONS

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