# CITYLINE — LDSOSP05.0CL

**SMART**



## OUTDOOR LED SCREENS FOR ADVERTISING AND OUT-OF-HOME MESSAGING

- New generation led screen panel design for outdoor use
- Right choice for OOH media screen installations
- Cost effective solution
- Lightweight for easy adaptation and low cost framework design
- Production level calibration for best color uniformity

**MALL OF ISTANBUL**
ISTANBUL/TURKEY



# TECHNICALSPECIFICATIONS

**General**

| | |
|---|---|
| Operating environment | outdoor |
| Pixel pitch | 16mm |
| Service type | rear access |
| Calibrated brightness (nits) | >7.000nits |
| Lamp type | DIP |
| Lifespan (hours at %50 brightness) | >100.000hours |
| White color calibration (adj.) | 3.500K~8.500K |
| Gray scale | >12bits |
| Brightness control | 256 level |

**Module Specifications**

| | |
|---|---|
| Module dimensions (mm) | 320x320 |
| Refresh frequency | adjustable |
| Module resolution | 20x20px |
| LED drive method | static |
| Module material | plastic (PC) |
| Module type | apparent |
| PCB type | multilayer |
| PCB surface coating | humiseal |

**Panel Specifications**

| | |
|---|---|
| Panel material | galvanized steel sheet |
| Panel paint | ES powder coated |
| Panel dimensions (mm)* | 960x960mm |
| IP level | IP67 front, IP54 rear |
| Panel weight | <50kg |
| Panel resolution | 60x60px |
| Pixel density (pcs/sqm) | 3.906 |
| Viewing angle (horizontal x vertical) | >120°x80° |
| Minimum viewing distance | >16m |
| Operating temperature range | -20C ~ +50C |
| Storage temperature range | -40C ~ +60C |
| Operating humidity | 10% ~ 90% |
| Power input voltage | 110~240 VAC |
| Power input frequency | 50~60 Hz |
| Average power per sqm | <150W |
| Max power per sqm | <650W |
| Active PFC | YES |
| Load tolerance* | 25% min. |
| Panel installation type | Fixed installation |
| Cooling | Internal fan |

**Other**

| | |
|---|---|
| Max input resolution | >2K |
| Standard video sources* | DVI, HDMI |
| Other direct video sources | Optional |
| 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 |

**Options**

| | |
|---|---|
| LED brand* | Optional |
| Panel sizes* | Optional |
| LED surface color | Black |

**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
**4-** Please ask if you need any special certificate or test report
**5-** Available LED options are CREE [/CR], NICHIA [/NC], EVER-LIGHT [/EV], MULTICOLOR [/MC], NATIONSTAR [/NS]. Please check order code for details.

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

**LEDECA**