

# CITYLINE LDCOSP04.0CL

OUTDOOR LED SCREENS FOR DIGITAL  
OUT-OF-HOME MESSAGING



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



**CEVEP**  
PARIS / FRANCE

### General

|                                    |               |
|------------------------------------|---------------|
| Operating environment              | outdoor       |
| Pixel pitch                        | 4mm           |
| Service type                       | rear access   |
| Calibrated brightness (nits)       | 6.000nits     |
| Lamp type                          | SMD           |
| Lifespan (hours at %50 brightness) | >100.000hours |
| White color calibration (adj.)     | 3.500K~8.500K |
| Gray scale                         | >16bits       |
| Brightness control                 | 256 level     |

### Module Specifications

|                        |              |
|------------------------|--------------|
| Module dimensions (mm) | 320x160      |
| Refresh frequency      | adjustable   |
| Module resolution      | 80x40px      |
| LED drive method       | dynamic      |
| Module material        | plastic (PC) |
| Module type            | apparent     |
| PCB type               | multilayer   |
| PCB surface coating    | humiseal     |

### Panel Specifications

|                                       |                                 |
|---------------------------------------|---------------------------------|
| Panel material                        | galvanized steel sheet/aluminum |
| Panel paint                           | ES powder coated                |
| Panel dimensions (mm) <sup>1</sup>    | 960x960                         |
| IP level                              | IP67 front, IP54 rear           |
| Panel weight                          | <50kg                           |
| Panel resolution                      | 256x256px                       |
| Pixel density (pcs/sqm)               | 62.500                          |
| Viewing angle (horizontal x vertical) | >120°x120°                      |
| Minimum viewing distance              | >4m                             |
| Operating temperature range           | -15°C ~ +45°C                   |
| Storage temperature range             | -40°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                 | <150W                           |
| Max power per sqm                     | <650W                           |
| Active PFC                            | YES                             |
| Load tolerance <sup>2</sup>           | 25% min.                        |
| Panel installation type               | Fixed installation              |
| Cooling                               | Internal fan                    |

### Other

|                                     |                          |
|-------------------------------------|--------------------------|
| Max input resolution                | FHD, UHD, 4K, 8K         |
| Standard video sources <sup>3</sup> | 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

\*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

|              |             |      |                 |                  |                    |                |                 |            |                   |             |           |             |                 |         |
|--------------|-------------|------|-----------------|------------------|--------------------|----------------|-----------------|------------|-------------------|-------------|-----------|-------------|-----------------|---------|
| 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 |
|              |             |      |                 |                  |                    |                |                 |            |                   |             |           |             |                 |         |

Apron Teknoloji AS. reserves the right to change any product specification, discontinue of any product or services without prior notice

TECHNICAL SPECIFICATIONS

LEDECA