# FACADE
# LDSOSP10.4FA

**TRANSPARENT LED CURTAIN FOR ARCHITECTURAL FACADE APPLICATIONS**

Smart LEDECA

- Right choice for facades with front or rear access
- Intelligent construction for ultra-thin frame depth
- Lightweight for easy adaptation and low cost framework design
- The right solution for architectural and facade installations
- Improved mask structure that increases viewing angle

| | |
|---|---|
| **General** | |
| Operating environment | outdoor |
| Pixel pitch | 10.4mm |
| Service type | front and rear access |
| Calibrated brightness (nits) | 10.000nits |
| Lamp type | SMD(LENS)3747 / SMD3535 |
| 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) | 1.000x125 |
| Refresh frequency | 7.680hz |
| Module resolution | 96x12px |
| 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)[1] | 1.000x500 / 1.000x1.000 |
| IP level | IP67 front and rear |
| Transparency ratio | ~45% |
| Panel weight | 6.25kg / 12.5kg |
| Panel resolution | 96x48/ 96x96 |
| Pixel density (pcs/sqm) | 9.216 |
| Viewing angle (horizontal x vertical) | >160° x 160° |
| Minimum viewing distance | >10m |
| Operating temperature range | -40°C ~ +55°C |
| Storage temperature range | -40°C ~ +60°C |
| Operating humidity | 10% ~ 90% non-condensing |
| Power input voltage | 100 ~ 240 VAC |
| Power input frequency | 50 ~ 60 Hz |
| Average power per sqm | <100W |
| Max power per sqm | <600W |
| Active PFC | YES |
| Load tolerance[2] | 25% min. |
| Panel installation type | Fixed installation |
| Cooling | Passive cooling |
| **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** | |
| *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

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The icons above indicate optional features

TECHNICALSPECIFICATIONS

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