

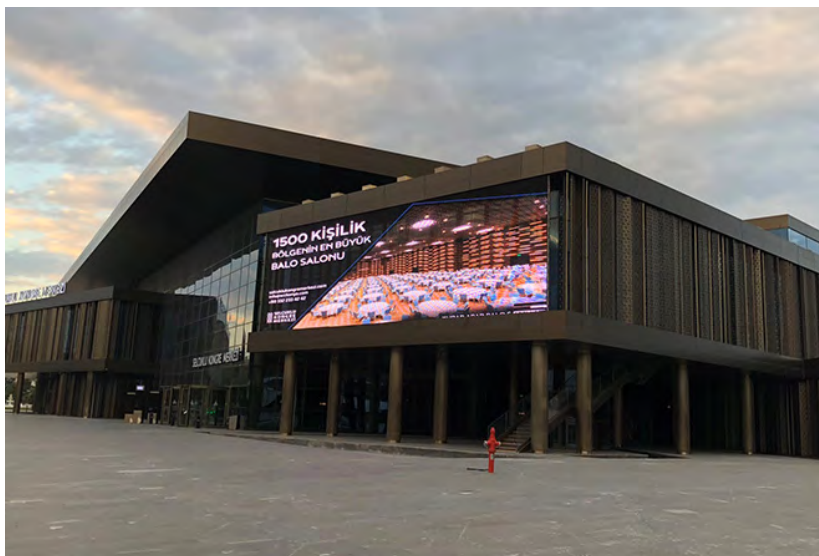
# FACADE LDSOSP20.8FA

TRANSPARENT LED CURTAIN FOR  
ARCHITECTURAL FACADE APPLICATIONS



- 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

## KONYA CONGRESS CENTER KONYA / TURKEY



### General

|                                    |                         |
|------------------------------------|-------------------------|
| Operating environment              | outdoor                 |
| Pixel pitch                        | 20.8mm                  |
| Service type                       | front and rear access   |
| Calibrated brightness (nits)       | 10,000nits / 8,000nits  |
| 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      | 48x6px     |
| 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 <sup>1</sup> (mm)    | 1,000x500 / 1,000x1,000  |
| IP level                              | IP67 front and rear      |
| Transparency ratio                    | ~60%                     |
| Panel weight                          | 5.75kg / 11.5kg          |
| Panel resolution                      | 48x24 / 48x48            |
| Pixel density (pcs/sqm)               | 2,304                    |
| Viewing angle (horizontal x vertical) | >160° x 160°             |
| Minimum viewing distance              | >20m                     |
| 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 <sup>2</sup>           | 25% min.                 |
| Panel installation type               | Fixed installation       |
| Cooling                               | Passive cooling          |

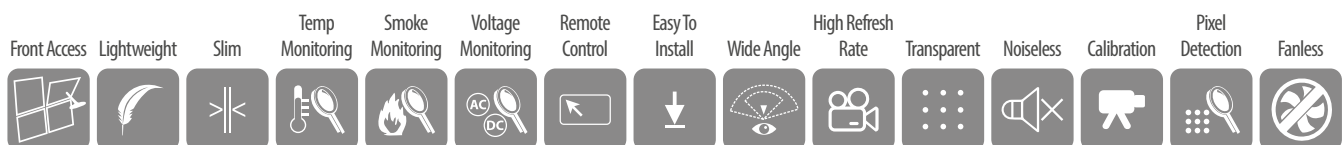
### Other

|                                     |                           |
|-------------------------------------|---------------------------|
| 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.

- Panel dimensions can change upon customer request
- That value is the remain capacity of PSU's at 100% brightness and white color content
- Different types of video input available as option



Apron Teknoloji AS. reserves the right to change any product specification, discontinue of any product or services without prior notice  
The icons above indicate optional features