FACADE
LDSOSP15.6FA

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	15.6mm
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	64x8px
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	64x32 / 64x64
Pixel density (pcs/sqm)	4.096
Viewing angle (horizontal x vertical)	>160° x 160°
Minimum viewing distance	>15m
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

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

TECHNICALSPECIFICATIONS

LEDECA