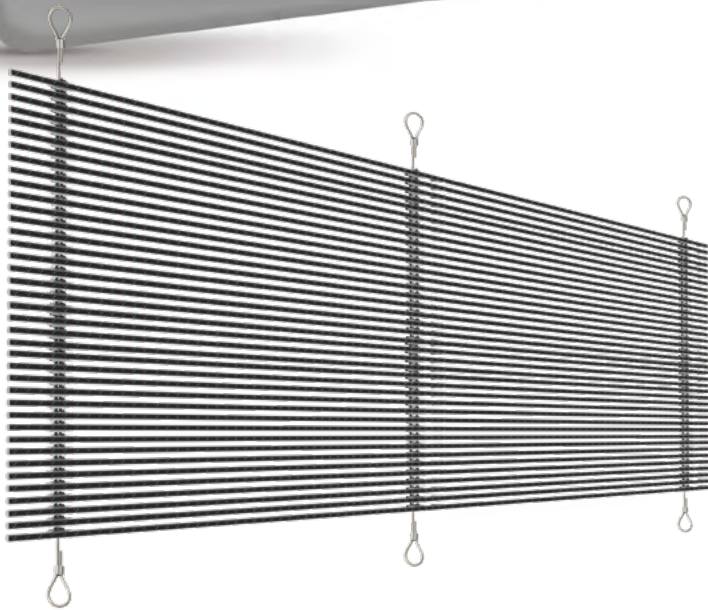# FACADE
LDAOTP42.5FA

**TRANSPARENT LED CURTAIN FOR
ARCHITECTURAL FACADE APPLICATIONS**

Armour
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

HILLTOWN MALL
IZMIR / TURKEY

General

Operating environment	outdoor
Pixel pitch	42.5mm
Service type	front and rear access
Calibrated brightness (nits)	6.500nits
Lamp type	DIP
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)	3.060x10
Refresh frequency	adjustable
Module resolution	72x1px
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]	adjustable
IP level	IP66 front and rear
Transparency ratio	~70%
Panel weight	-
Panel resolution	72 (per strip)
Pixel density (pcs/sqm)	555
Viewing angle (horizontal x vertical)	>120° x 120°
Minimum viewing distance	>40m
Operating temperature range	-15°C ~ +50°C
Storage temperature range	-20°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	<100W
Max power per sqm	<600W
Active PFC	YES
Load tolerance[2]	25% min.
Panel installation type	Fixed installation
Cooling	Passive cooling

Other

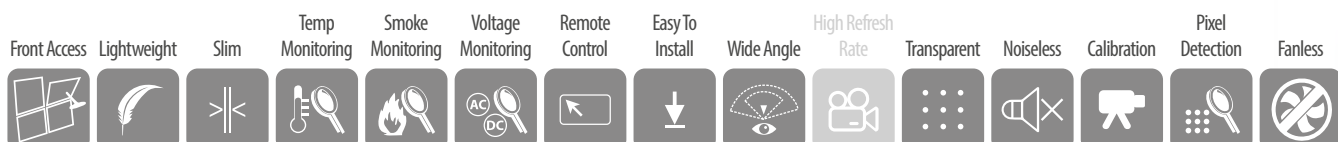|	
Max input resolution	FHD, UHD, 4K, 8K
Standard video sources[3]	All digital formats
Brightness adjustment	Automatic & manual
Death pixel monitoring	Optional
Module monitoring	YES
Temperature monitoring	YES
Smoke monitoring	Optional
Voltage monitoring	YES
Power redundancy	N/A
Signal path backup	YES
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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