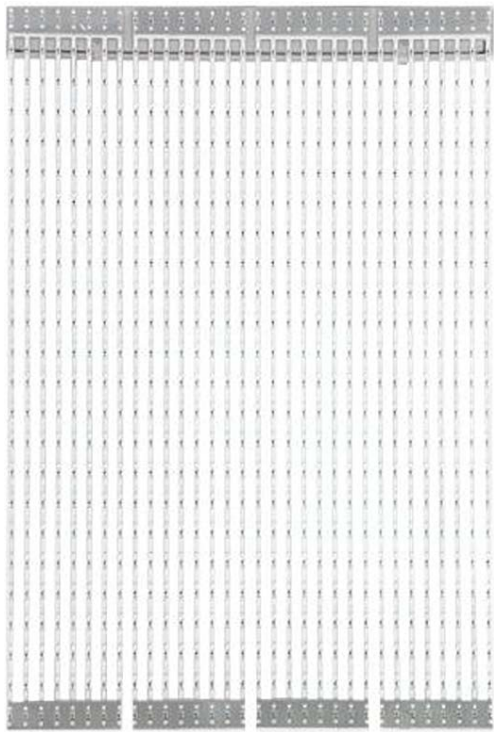# LED Film Screen

LED film screen is applied to the glass curtain wall of the building and the height of the city landmark

Buildings, glass windows of shops along the street, banks, real estate, Car 4S stores, subway entrances, etc.
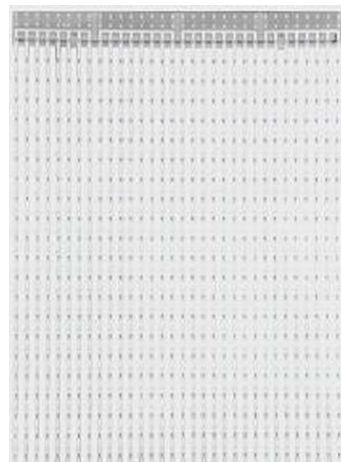
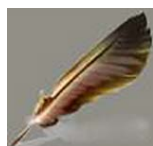# LED Film Screen ——— Product Introduction

LED glass film screens are used in glass walls of buildings, urban landmark high-rise buildings, glass windows of shops along the street, banks, real estate, car 4S stores, subway entrances, etc.

The LED film screen not only integrates all the advantages of conventional outdoor high-definition LED displays, but also eliminates urban aesthetic problems to the greatest extent. Because it is mostly installed behind a glass curtain wall, it will not have any impact on the surrounding environment even when it is not working during the day. At the same time, because it adopts a new form of indoor advertising and outdoor communication, it can well circumvent the approval of outdoor advertising.
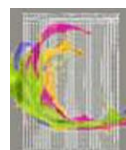
LED film screens are light and thin, do not require a steel frame structure, are easy to install and maintain, and have good transparency. They fit in well with glass curtain walls. Not only does it have no sense of incompatibility when applied to glass curtain walls, it is also fashionable and beautiful. It is full of modernity and technology, adding a special sense of beauty to urban architecture.

Features

Thin and light
The screen light in weight and has no pressure on the glass.
The thickness is about 3mm,
Weight 6kg/square meter

Transparen
High permeability, does not affect viewing line of sight, permeability is as high as 85% or more

High flexibility
It can be bent and cut, without size restrictions, and can be flexibly designed according to customer needs

Wide viewing angle
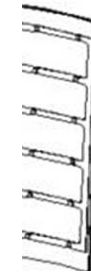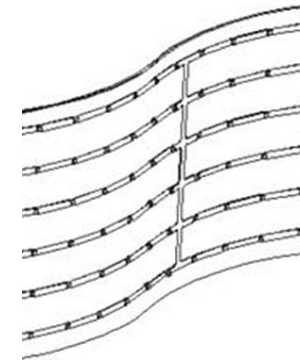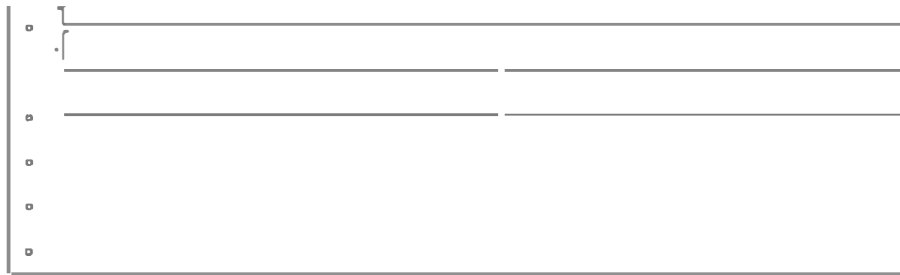Horizonta and vertical viewing ang es o 140° wide ewing range, no bl nd spots

Eas to install
Easy to install, no need the stbuiky steel structure

Heat dissipation
Heat diss pation based on the pr ncip e of heat d pation and has stro g heat dissipat on out the need for fans a r conditioners o separate hea d ssipation systems.

Model	Unit	Parameter	Parameter	Parameter	Parameter	Parameter
Model No		DM4/8	DM6.5	DM10	DM16	DM20
Dots Type	SMD	2121	2121	2121	2121	2121
Density	dot/㎡	31250	23668	10000	3906	2500
Module size	mm	960(H)X256(W)	962(H)X208(W)	960(H)X320(W)	960(H)X320(W)	960(H)X320(W)
Body		Highly transparent and high temperature resistant flame retardant PC				
Weight	kg/㎡	6	6	6	6	6
Transparent		60	55	85	85	90
Brightness	cd/㎡	≤5000	≤5000	≤5000	≤3000	≤2500
Refresh	Hz	≥3840	≥3840	≥3840	≥3840	≥3840
Scan		静态	静态	静态	静态	静态
Max Power	W/㎡	800	800	700	400	300
Average Power	W/㎡	200	200	150	120	100
Installation		Hoisting or fixed installation, mounting				
Maintenance		Front/Rear Maintenance				
Operating Voltage		DC5V				
Grayscale	bit	16				
IP	IP	IP30	IP30	IP30 / IP65	IP30 / IP65	IP30 / IP65
Viewing Angle		H≥140，V≥140				
Inpute Voltage		AC95V ~240V				
Working Temperature	°C	-20~65				
Working humidity		10% ~90RH				
Lifetime		100000 hours				

LED Film Screen ———Product Structure

Module structure diagram

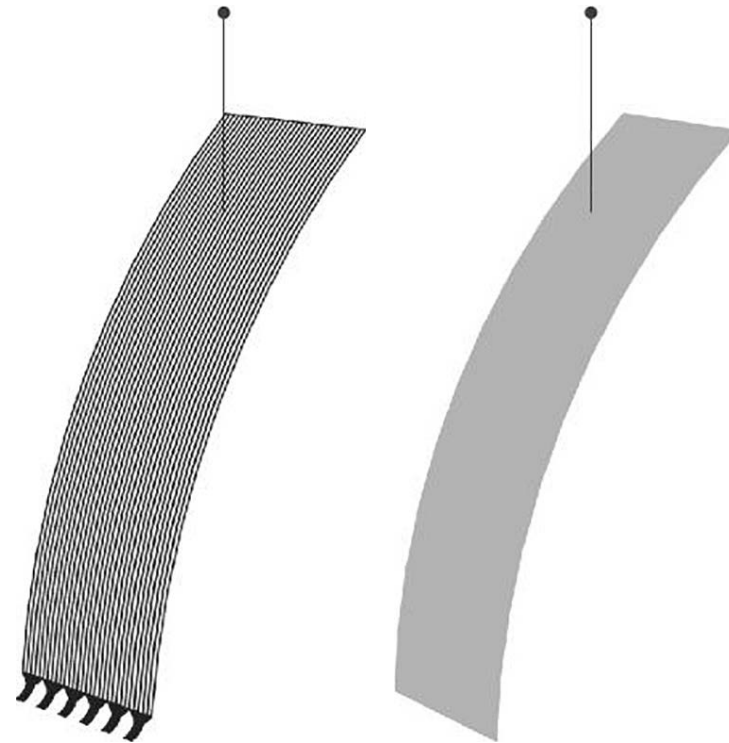# LED Film Screen ——— Product Structure

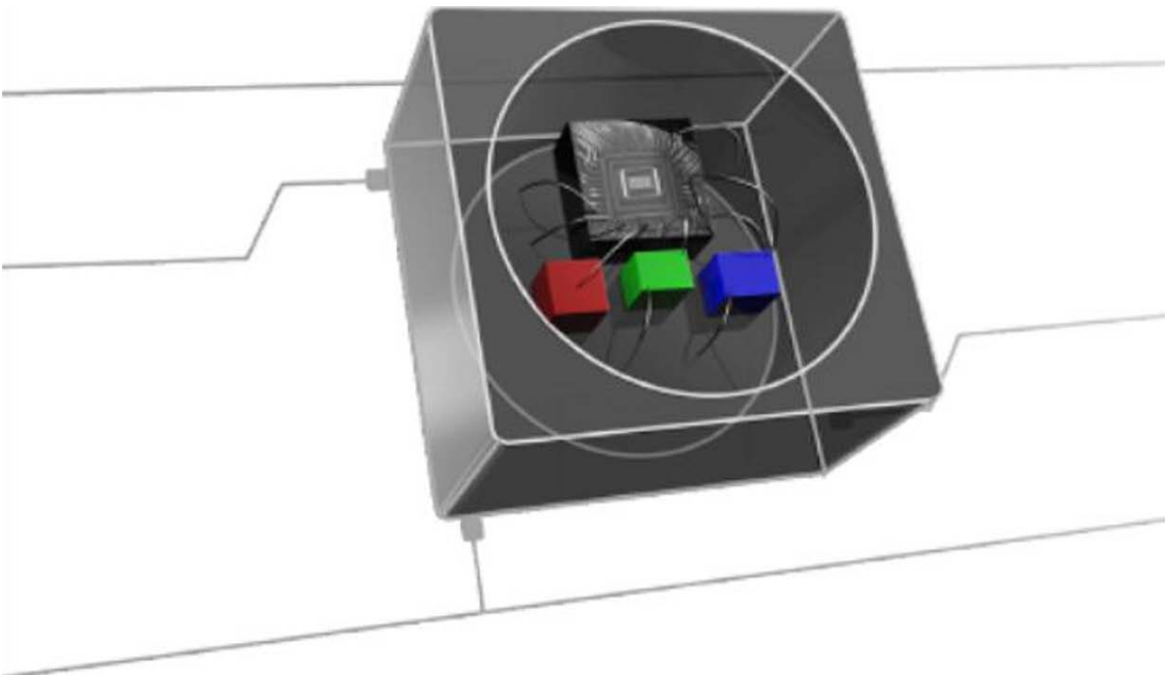## LED film screen principle

Structural anatomy

PET Membane   LED Display layer   PC Base Board

LED Film Screen ——— Product Structure

Mainly develops embedded driver IC
True 16-bit grayscale
Breakpoint resume function

The driver IC is embedded in the design, and the lamp driver is integrated.
Each LED lamp is a "power source".
Make wiring more free, heat dissipation more even, and control more precise!