

Can Replace Curtain Wall Glass, Enjoy Transparent Vision

Photoelectric Glass Screen



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WENGO Z-GLASS Series - Photoelectric Glass Screen

Keep glass high permeability by embedding LED type between two tempered glass.

Can display text, picture and video.

Easy controlling, low voltage DC driver, vivid color, long-time operation life etc.

Application :glass curtain wall, urban building lighting project.



High definition



Front maintenance



High refresh rate



Fast installation



Wide viewing angle



Silent operation



High gray

Product Overview

Standard module with full color LED type and driving, combined with multi-layer circuit board.

Different size by spicing standard module gule with glass.

Can display text, image, video.

Screen size,color,gray scale is adjustable.



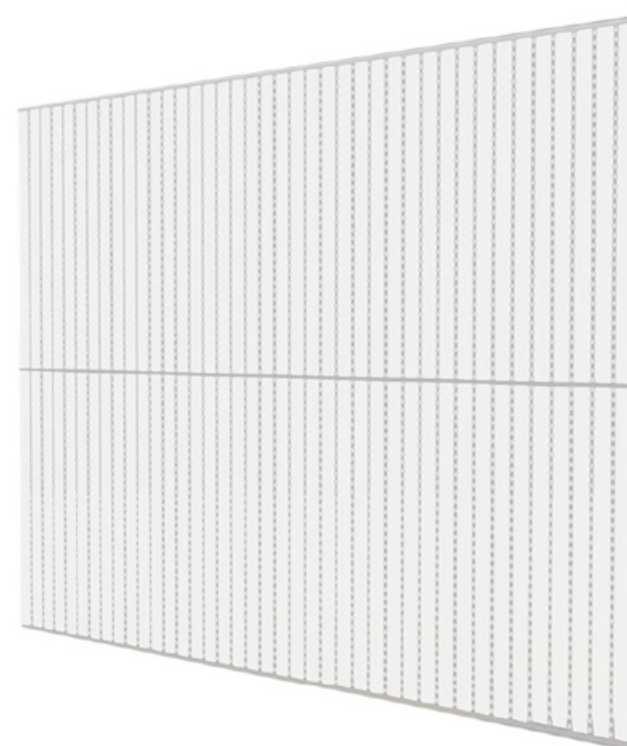
Product Characteristics

Transparation rate up to 60-90%.

Customization thickness and size.

High brightness, high stability, high definition.

Top of choice in architectural glass curtain wall.



Case Picture



Product Parameter

Model	P5*5	P5*10	P10	P10*20	P20
Pixel specification	1R1G1B	1R1G1B	1R1G1B	1R1G1B	1R1G1B
LED type	SMD2020	SMD2020	SMD2020	SMD2020	SMD2020
Pixel pitch(mm)	5.5*5.5	5.5*11	11*11	11*20.8	19.2*20.8
Module size(mm)	111*500	111*500	111*500	333*500	333*500
Chroma uniformity	±0.003	±0.003	±0.003	±0.003	±0.003
Pixel density (pixels/ m ²)	32400	16200	8100	4320	2496
Brightness(nits)	>6000	>5000	≥3000	>2000	>1500
Color gray grade	256 level	256 level	256 level	256 level	256 level
Scan mode	Static	Static	Static	Static	Static
Refresh rate (Hz)	3840	3840	3840	3840	3840
Viewing angel	>160	>160	>160	>160	>160
Best viewing distance	>5M	>7.5M	>12M	>16M	>21M
Height grade	256 level	256 level	256 level	256 level	256 level
Control mode	Phone/PC	Phone/PC	Phone/PC	Phone/PC	Phone/PC
Video	Multimedia	Multimedia	Multimedia	Multimedia	Multimedia
Operating voltage	+5VDC	+5VDC	+5VDC	+5VDC	+5VDC
Power consumpt-ion/m ²	400W	300W	200W	150W	80W
Max power cons-umption/m ²	2400W	1200W	650W	400W	200W
Screen material	Laminated glass	Laminated glass	Laminated glass	Laminated glass	Laminated glass
Operating tempera-ture	-20~55℃	-20~55℃	-20~55℃	-20~55℃	-20~55℃
Storage temperatu-re	-40~80℃	-40~80℃	-40~80℃	-40~80℃	-40~80℃
Working humidity	10-90%	10-90%	10-90%	10-90%	10-90%
Storage humidity	5-95%	5-95%	5-95%	5-95%	5-95%