CITYSTAR

Smart Glass— 0404 Plus Series





0404 Plus
Smart Glass

>99%
Uv Block

5W/m²
Low-Power

Dynamic Privacy
Complete privacy or transparency when you need and want it most.

Temperature Control
Solar Control smart films reflect IR light providing cooler interiors and less HVAC costs.

High ROI
Mitigate longterm costs associated with cleaning, cooling, and signage.

Dynamic Designs
Custom shapes and patterns add style and function to windows and partitions.

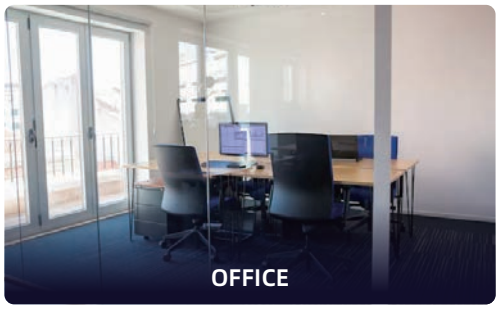
Optimize space
Replace thick studded walls with thinpartitions or section open floor plans withminimalist solutions.

Easy To Clean
Eliminate fabric or electronic curtains that are hardto clean and collect germs while affecting designs.

Anti-noise
Compared with ordinary glass, the anti-noiseability of glass using Filmbase PDLc film isincreased by 20%.

Various control methods
To meet your various needs, we have multiple control methods: remote control, wired control, infrared sensing, voice control, mobile applications, etc.







Wechat no:13829163387

Whatsapp no +8613829163387

CITYSTAR

Smart Glass— 0404 Plus Series

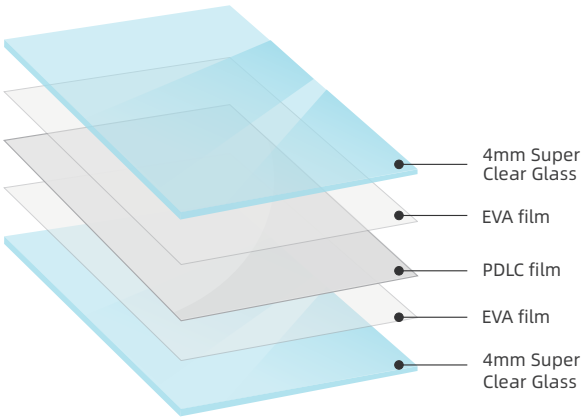
Product Parameters

Items	085 PDLC film	087 PDLC film	091 PDLC film
Film color	White	White	White
Haze（on）	6%	4%	3%
Haze（off）	94%	94%	94%
Light transmittance（on）	82%	83%	87%
Light transmittance（off）	70%	71%	75%
Uv block	>99%	>99%	>99%
Ir block	>86%	>86%	>86%
Power consumption	5w/m²	5w/m²	5w/m²
Compatible with	Eva	Eva	Eva
Biggest size	1800x2400mm	1800x2400mm	1800x2400mm
Input voltage	100-120v 60Hz /220-240v 50hz		
Glass types	Flat,Curved,Tempered,Ultra Clear,Low-E,Other		

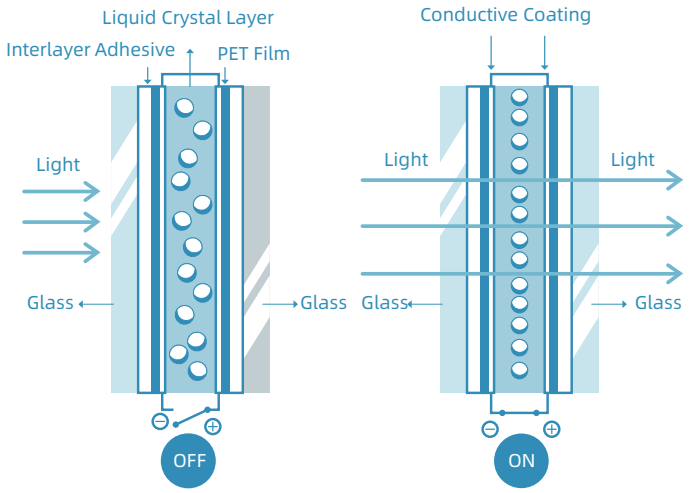
Optical Parameter

Items	ON/OFF		Test Methods/Standards
Operating voltage	ON	60V	Multimeter/Voltage Regulator,WGW
Power consumption	ON	≤ 5W/m²	Multi-parameter electric measuring instrument
Viewing angle	ON	≥ 160°	Visual Inspection
Uv blocking rate	OFF	≥ 99%	Optical teansmittance tester
Infrared blocking rate	OFF	≥ 60%	
Response time	OFF→ON	≤ 30 ms	Liquid crystal parameter integrated tester
	ON→OFF	≤ 200 ms	
Operating temperature	--	-30°C ~ 85°C	constant temperature and humidity testing machine
Life-span	--	100000 Hours	GB18910.5-2008
Switching times	--	≥ 2 million times	Self-made on/off tester

Structural



Technical Principles

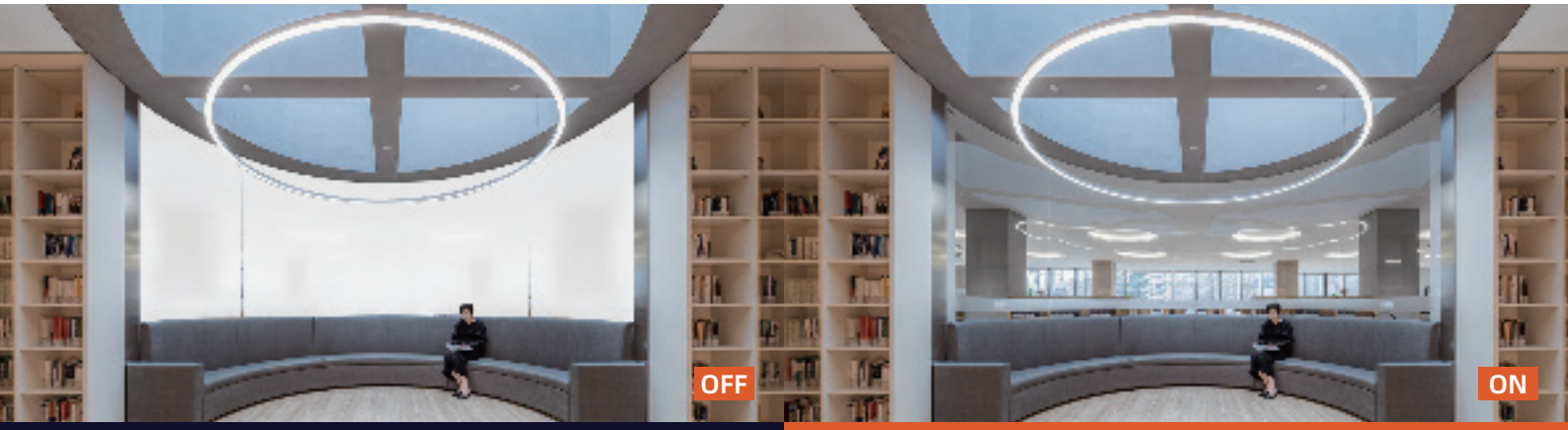


PDLC Film

Whatsapp no +861382916338

CITYSTAR

Smart Glass— 0505 Plus Series



0505 Plus
Smart Glass

>99%
Uv Block

5W/m²
Low-Power

Dynamic Privacy
Complete privacy or transparency when you need and want it most.

Temperature Control
Solar Control smart films reflect IR light providing cooler interiors and less HVAC costs.

High ROI
Mitigate longterm costs associated with cleaning, cooling, and signage.

Dynamic Designs
Custom shapes and patterns add style and function to windows and partitions.

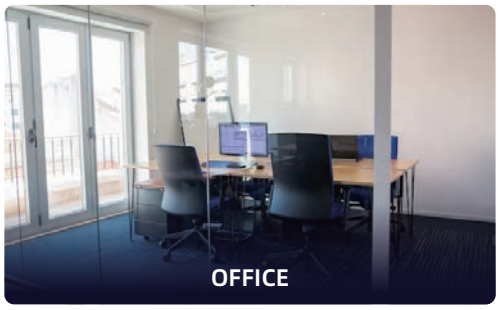
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Easy To Clean
Eliminate fabric or electronic curtains that are hardto clean and collect germs while affecting designs.

Anti-noise
Compared with ordinary glass, the anti-noiseability of glass using Filmbase PDLc film isincreased by 20%.

Various control methods
To meet your various needs, we have multiple control methods: remote control, wired control, infrared sensing, voice control, mobile applications, etc.







Whatsapp no +8613829163387

CITY STAR GROUP CO., LIMITED
Address: Smart Park, Baolong street, Longgang district, Shenzhen, China

Smart Glass— 0505 Plus Series

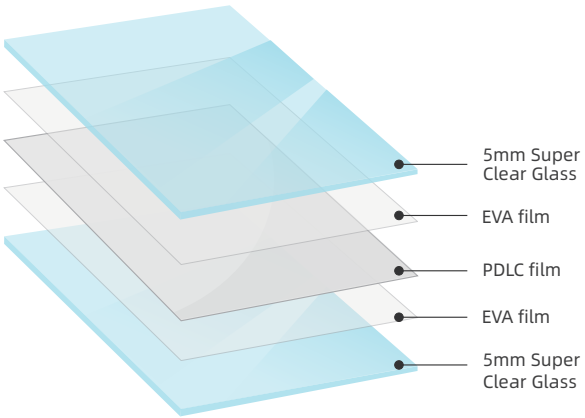
Product Parameters

Items	085 PDLC film	087 PDLC film	091 PDLC film
Film color	White	White	White
Haze（on）	6%	4%	3%
Haze（off）	94%	94%	94%
Light transmittance（on）	81%	82%	86%
Light transmittance（off）	69%	70%	74%
Uv block	>99%	>99%	>99%
Ir block	>86%	>86%	>86%
Power consumption	5w/m²	5w/m²	5w/m²
Compatible with	Eva	Eva	Eva
Biggest size	2000x2800mm	2000x2800mm	2000x2800mm
Input voltage	100-120v 60Hz /220-240v 50hz		
Glass types	Flat,Curved,Tempered,Ultra Clear,Low-E,Other		

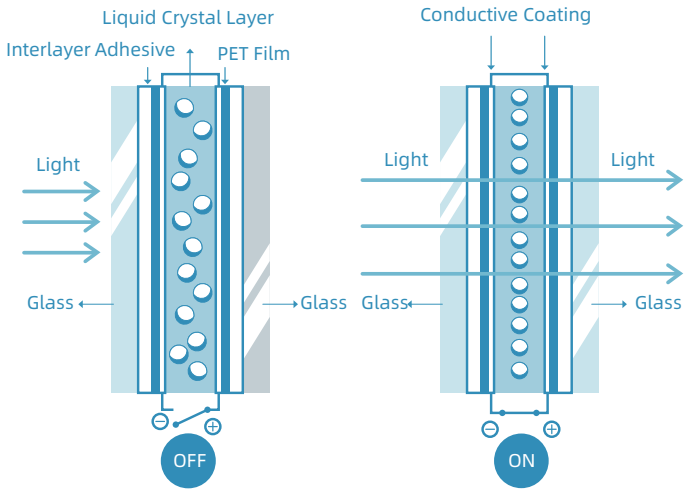
Optical Parameter

Items	ON/OFF		Test Methods/Standards
Operating voltage	ON	60V	Multimeter/Voltage Regulator,WGW
Power consumption	ON	≤ 5W/m²	Multi-parameter electric measuring instrument
Viewing angle	ON	≥ 160°	Visual Inspection
Uv blocking rate	OFF	≥ 99%	Optical teansmittance tester
Infrared blocking rate	OFF	≥ 60%	
Response time	OFF→ON	≤ 30 ms	Liquid crystal parameter integrated tester
	ON→OFF	≤ 200 ms	
Operating temperature	--	-30°C ~ 85°C	constant temperature and humidity testing machine
Life-span	--	100000 Hours	GB18910.5-2008
Switching times	--	≥ 2 million times	Self-made on/off tester

Structural



Technical Principles

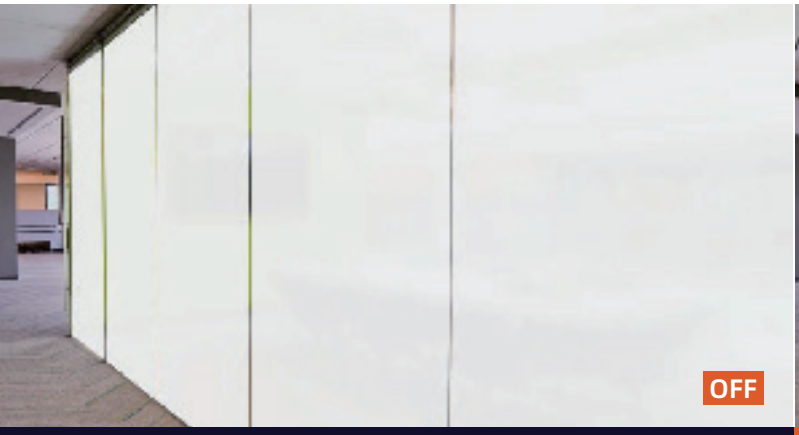


PDLC Film

Whatsapp no +8613829163387

CITYSTAR

Smart Glass— 0606 Plus Series





0606 Plus
Smart Glass

>99%
Uv Block

5W/m²
Low-Power

Dynamic Privacy
Complete privacy or transparency when you need and want it most.

Temperature Control
Solar Control smart films reflect IR light providing cooler interiors and less HVAC costs.

High ROI
Mitigate longterm costs associated with cleaning, cooling, and signage.

Dynamic Designs
Custom shapes and patterns add style and function to windows and partitions.

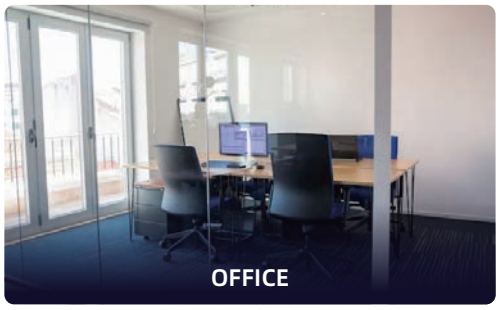
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Easy To Clean
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Anti-noise
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Various control methods
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MEETING ROOM


OFFICE


PARTITION

Wechat no:13829163387

Whatsapp no +8613829163387

Smart Glass— 0606 Plus Series

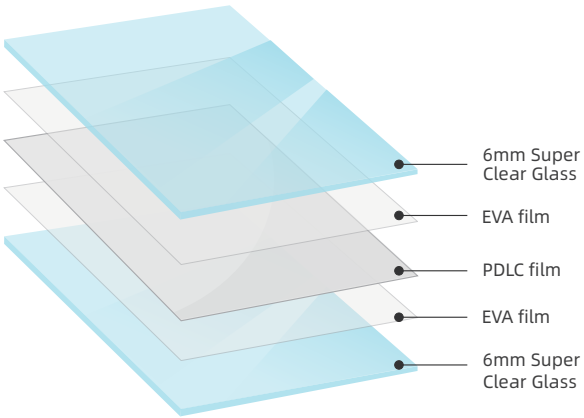
Product Parameters

Items	085 PDLC film	087 PDLC film	091 PDLC film
Film color	White	White	White
Haze（on）	6%	4%	3%
Haze（off）	94%	94%	94%
Light transmittance（on）	81%	82%	86%
Light transmittance（off）	68%	69%	72%
Uv block	>99%	>99%	>99%
Ir block	>86%	>86%	>86%
Power consumption	5w/m²	5w/m²	5w/m²
Compatible with	Eva	Eva	Eva
Biggest size	2000X3000mm	2000X3000mm	2000X3000mm
Input voltage	100-120v 60Hz /220-240v 50hz		
Glass types	Flat,Curved,Tempered,Ultra Clear,Low-E,Other		

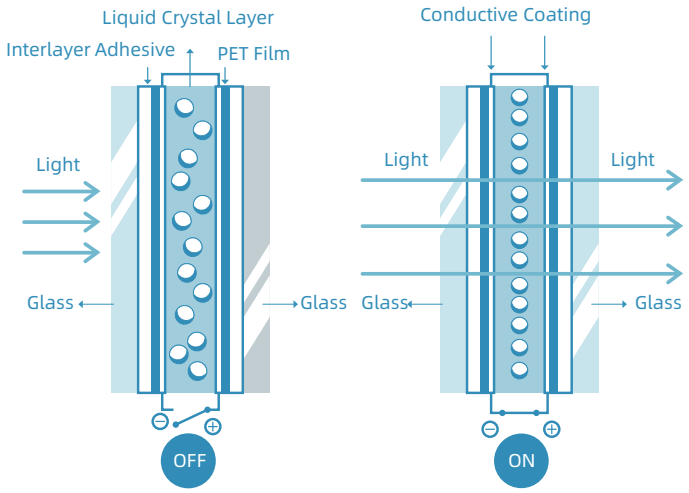
Optical Parameter

Items	ON/OFF		Test Methods/Standards
Operating voltage	ON	60V	Multimeter/Voltage Regulator,WGW
Power consumption	ON	≤ 5W/m²	Multi-parameter electric measuring instrument
Viewing angle	ON	≥ 160°	Visual Inspection
Uv blocking rate	OFF	≥ 99%	Optical teansmittance tester
Infrared blocking rate	OFF	≥ 60%	
Response time	OFF→ON	≤ 30 ms	Liquid crystal parameter integrated tester
	ON→OFF	≤ 200 ms	
Operating temperature	--	-30°C ~ 85°C	constant temperature and humidity testing machine
Life-span	--	100000 Hours	GB18910.5-2008
Switching times	--	≥ 2 million times	Self-made on/off tester

Structural



Technical Principles

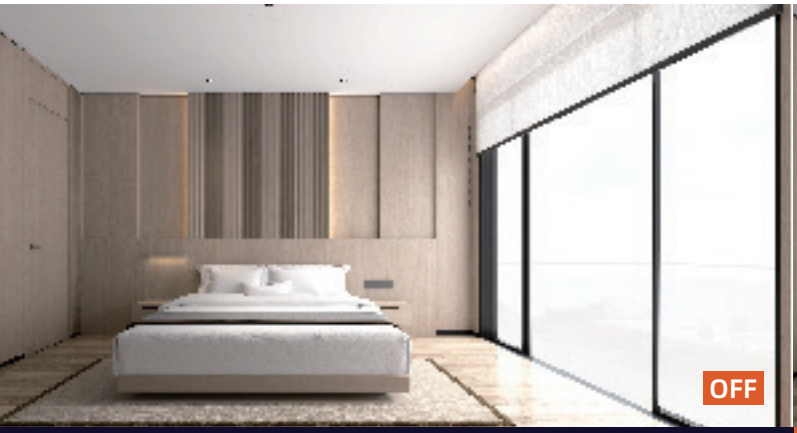


PDLC Film

Whatsapp no +8613829163387

CITYSTAR

Smart Glass— 0808 Plus Series





0808 Plus
Smart Glass

>99%
Uv Block

5W/m²
Low-Power

Dynamic Privacy
Complete privacy or transparency when you need and want it most.

Temperature Control
Solar Control smart films reflect IR light providing cooler interiors and less HVAC costs.

High ROI
Mitigate longterm costs associated with cleaning, cooling, and signage.

Dynamic Designs
Custom shapes and patterns add style and function to windows and partitions.

Optimize space
Replace thick studded walls with thinpartitions or section open floor plans withminimalist solutions.

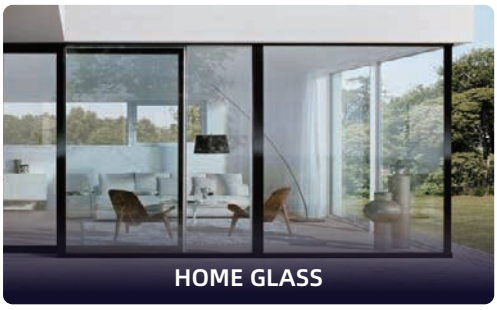
Easy To Clean
Eliminate fabric or electronic curtains that are hardto clean and collect germs while affecting designs.

Anti-noise
Compared with ordinary glass, the anti-noiseability of glass using Filmbase PDLc film isincreased by 20%.

Various control methods
To meet your various needs, we have multiple control methods: remote control, wired control, infrared sensing, voice control, mobile applications, etc.


GLASS CURTAIN WALL


PRIVATE SPACE


HOME GLASS

Wechat no:13829163387

Whatsapp no +8613829163387

CITYSTAR

Smart Glass— 0808 Plus Series

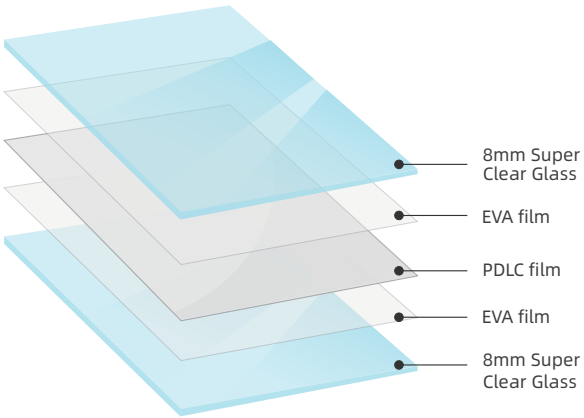
Product Parameters

Items	085 PDLC film	087 PDLC film	091 PDLC film
Film color	White	White	White
Haze（on）	6%	4%	3%
Haze（off）	94%	94%	94%
Light transmittance（on）	81%	82%	84%
Light transmittance（off）	67%	68%	71%
Uv block	>99%	>99%	>99%
Ir block	>86%	>86%	>86%
Power consumption	5w/m²	5w/m²	5w/m²
Compatible with	Eva	Eva	Eva
Biggest size	2000X4000mm	2000X4000mm	2000X4000mm
Input voltage	100-120v 60Hz /220-240v 50hz		
Glass types	Flat,Curved,Tempered,Ultra Clear,Low-E,Other		

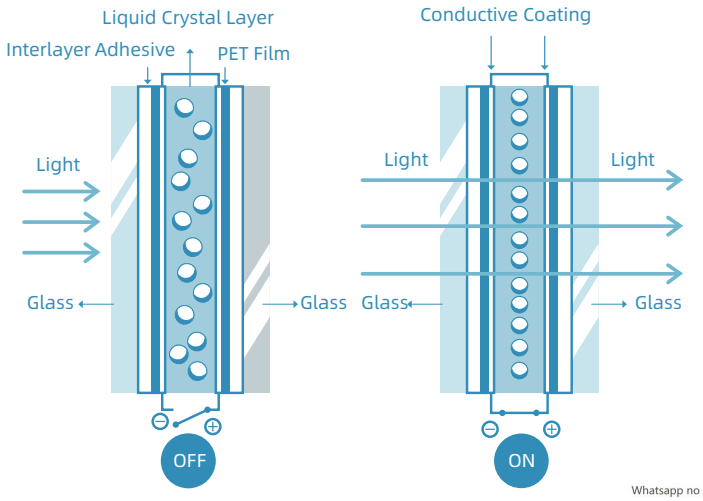
Optical Parameter

Items	ON/OFF		Test Methods/Standards
Operating voltage	ON	60V	Multimeter/Voltage Regulator,WGW
Power consumption	ON	≤ 5W/m²	Multi-parameter electric measuring instrument
Viewing angle	ON	≥ 160°	Visual Inspection
Uv blocking rate	OFF	≥ 99%	Optical teansmittance tester
Infrared blocking rate	OFF	≥ 60%	
Response time	OFF→ON	≤ 30 ms	Liquid crystal parameter integrated tester
	ON→OFF	≤ 200 ms	
Operating temperature	--	-30°C ~ 85°C	constant temperature and humidity testing machine
Life-span	--	100000 Hours	GB18910.5-2008
Switching times	--	≥ 2 million times	Self-made on/off tester

Structural



Technical Principles

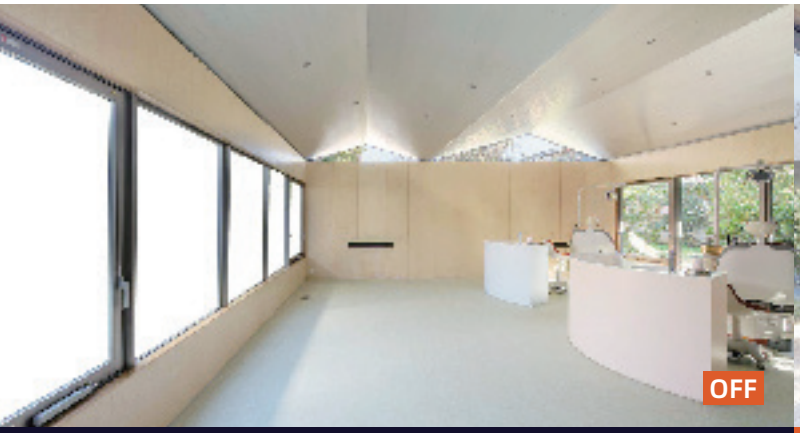


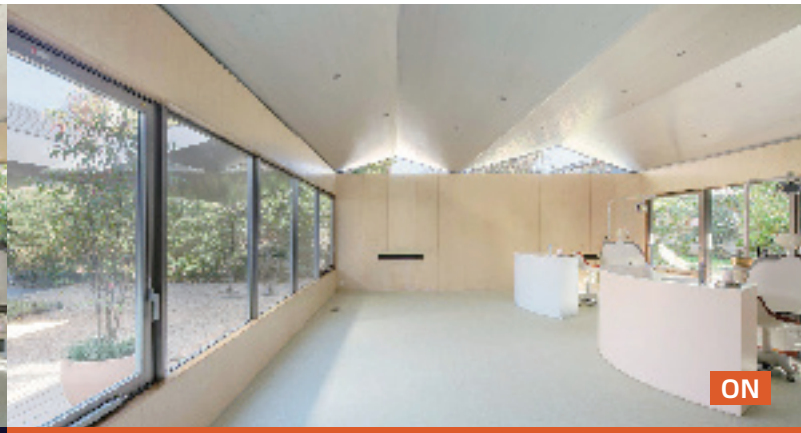
PDLC Film

Whatsapp no +8613829163387

CITYSTAR

Smart Glass— 1010 Plus Series





1010 Plus
Smart Glass

>99%
Uv Block

5W/m²
Low-Power

Dynamic Privacy
Complete privacy or transparency when you need and want it most.

Temperature Control
Solar Control smart films reflect IR light providing cooler interiors and less HVAC costs.

High ROI
Mitigate longterm costs associated with cleaning, cooling, and signage.

Dynamic Designs
Custom shapes and patterns add style and function to windows and partitions.

Optimize space
Replace thick studded walls with thinpartitions or section open floor plans withminimalist solutions.

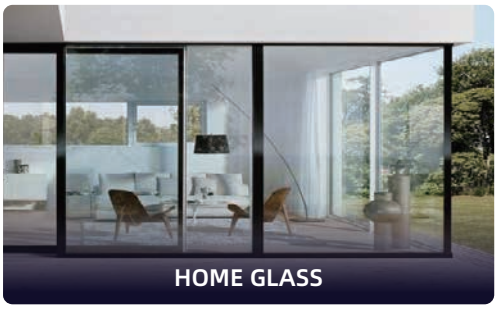
Easy To Clean
Eliminate fabric or electronic curtains that are hardto clean and collect germs while affecting designs.

Anti-noise
Compared with ordinary glass, the anti-noiseability of glass using Filmbase PDLc film isincreased by 20%.

Various control methods
To meet your various needs, we have multiple control methods: remote control, wired control, infrared sensing, voice control, mobile applications, etc.


GLASS CURTAIN WALL


PRIVATE SPACE


HOME GLASS

Wechat no:13829163387

Whatsapp no +8613829163387

Smart Glass— 1010 Plus Series

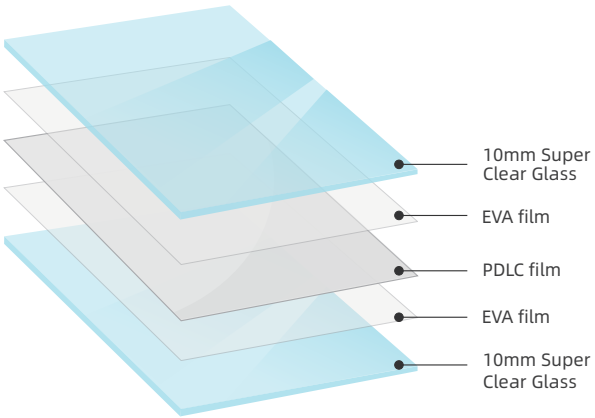
Product Parameters

Items	085 PDLC film	087 PDLC film	091 PDLC film
Film color	White	White	White
Haze（on）	6%	4%	3%
Haze（off）	94%	94%	94%
Light transmittance（on）	80%	81%	85%
Light transmittance（off）	64%	65%	67%
Uv block	>99%	>99%	>99%
Ir block	>86%	>86%	>86%
Power consumption	5w/m²	5w/m²	5w/m²
Compatible with	Eva	Eva	Eva
Biggest size	2000x5000mm	2000x5000mm	2000x5000mm
Input voltage	100-120v 60Hz /220-240v 50hz		
Glass types	Flat,Curved,Tempered,Ultra Clear,Low-E,Other		

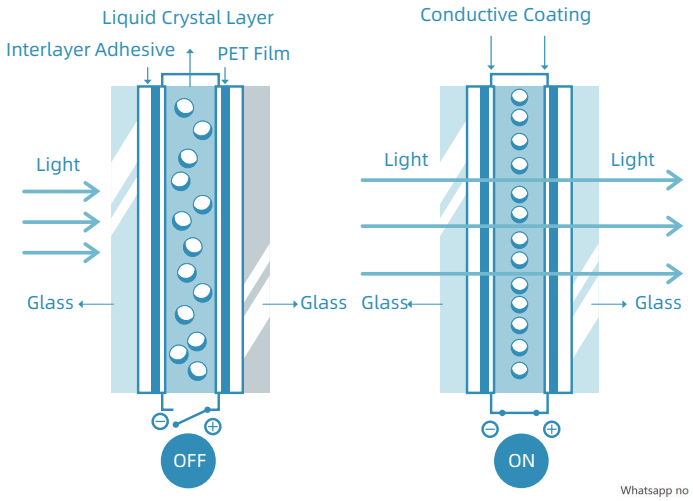
Optical Parameter

Items	ON/OFF		Test Methods/Standards
Operating voltage	ON	60V	Multimeter/Voltage Regulator,WGW
Power consumption	ON	≤ 5W/m²	Multi-parameter electric measuring instrument
Viewing angle	ON	≥ 160°	Visual Inspection
Uv blocking rate	OFF	≥ 99%	Optical teansmittance tester
Infrared blocking rate	OFF	≥ 60%	
Response time	OFF→ON	≤ 30 ms	Liquid crystal parameter integrated tester
	ON→OFF	≤ 200 ms	
Operating temperature	--	-30°C ~ 85°C	constant temperature and humidity testing machine
Life-span	--	100000 Hours	GB18910.5-2008
Switching times	--	≥ 2 million times	Self-made on/off tester

Structural



Technical Principles



PDLC Film

Whatsapp no +8613829163387

CITYSTAR

Smart Glass— 1212 Plus Series





1212 Plus
Smart Glass

>99%
Uv Block

5W/m²
Low-Power

Dynamic Privacy
Complete privacy or transparency when you need and want it most.

Temperature Control
Solar Control smart films reflect IR light providing cooler interiors and less HVAC costs.

High ROI
Mitigate longterm costs associated with cleaning, cooling, and signage.

Dynamic Designs
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Optimize space
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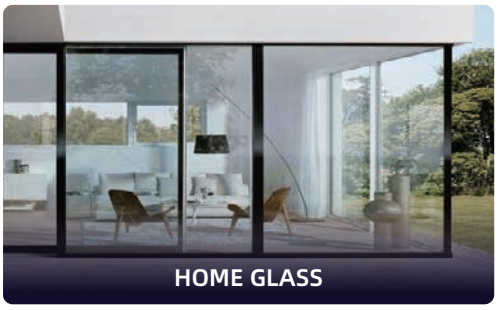
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Anti-noise
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Various control methods
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GLASS CURTAIN WALL


PRIVATE SPACE


HOME GLASS

Wechat no:13829163387

Whatsapp no +8613829163387

Smart Glass— 1212 Plus Series

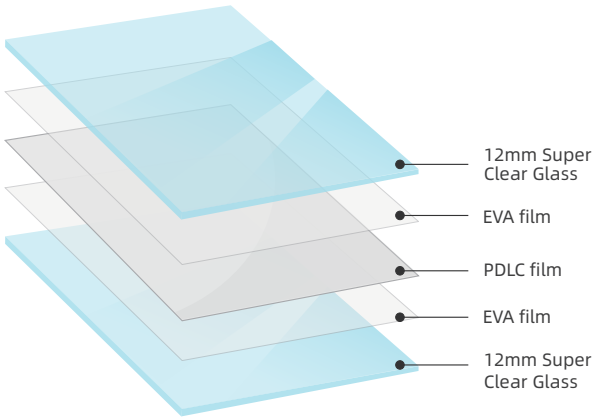
Product Parameters

Items	085 PDLC film	087 PDLC film	091 PDLC film
Film color	White	White	White
Haze（on）	6%	4%	3%
Haze（off）	94%	94%	94%
Light transmittance（on）	80%	81%	84%
Light transmittance（off）	61%	62%	65%
Uv block	>99%	>99%	>99%
Ir block	>86%	>86%	>86%
Power consumption	5w/m²	5w/m²	5w/m²
Compatible with	Eva	Eva	Eva
Biggest size	2000x6000mm	2000x6000mm	2000x6000mm
Input voltage	100-120v 60Hz /220-240v 50hz		
Glass types	Flat,Curved,Tempered,Ultra Clear,Low-E,Other		

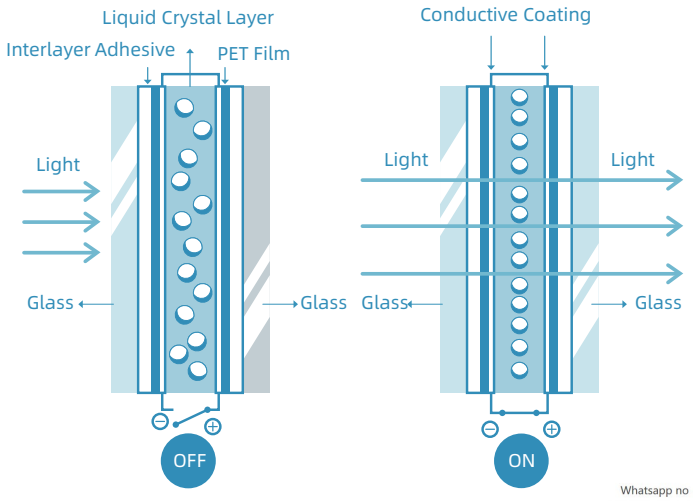
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Power consumption	ON	≤ 5W/m²	Multi-parameter electric measuring instrument
Viewing angle	ON	≥ 160°	Visual Inspection
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	ON→OFF	≤ 200 ms	
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Life-span	--	100000 Hours	GB18910.5-2008
Switching times	--	≥ 2 million times	Self-made on/off tester

Structural



Technical Principles

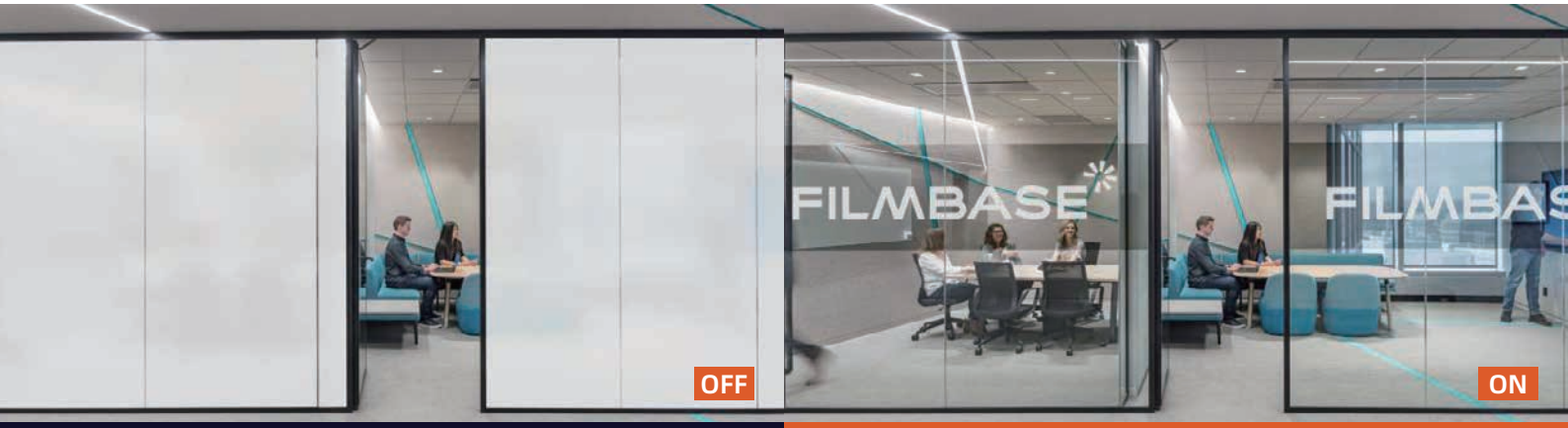


PDLC Film

Whatsapp no +8613829163387

CITYSTAR

Edition Glass



Edition Glass

>99% Uv Block

5W/m² Low-Power

Dynamic Privacy

Complete privacy or transparency when you need and want it most.

Temperature Control

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High ROI

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Dynamic Designs

Custom shapes and patterns add style and function to windows and partitions.

Optimize space

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Easy To Clean

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Anti-noise

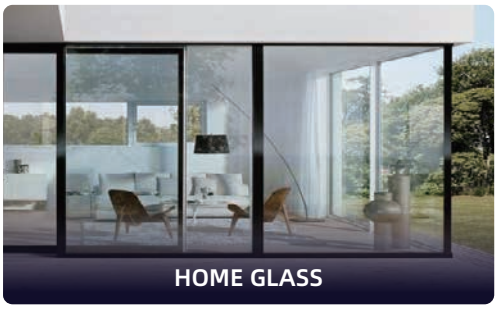
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GLASS CURTAIN WALL


PRIVATE SPACE


HOME GLASS

Whatsapp no +8613829163387

CITY STAR GROUP CO., LIMITED

Address: 31F 3A Building, Smart Park, Baolong street, Longgang district, Shenzhen, China

CITYSTAR

Edition Glass

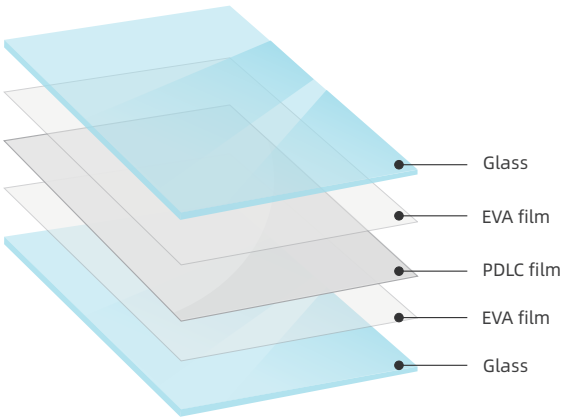
Product Parameters

Items	087 PDLC film
Film color	White
Uv block	>99%
Ir block	>86%
Power consumption	5w/m
Compatible with	Eva
Input voltage	100-120v 60Hz /220-240v 50hz
Glass types	Flat,Curved,Tempered,Ultra Clear,Low-E,Other

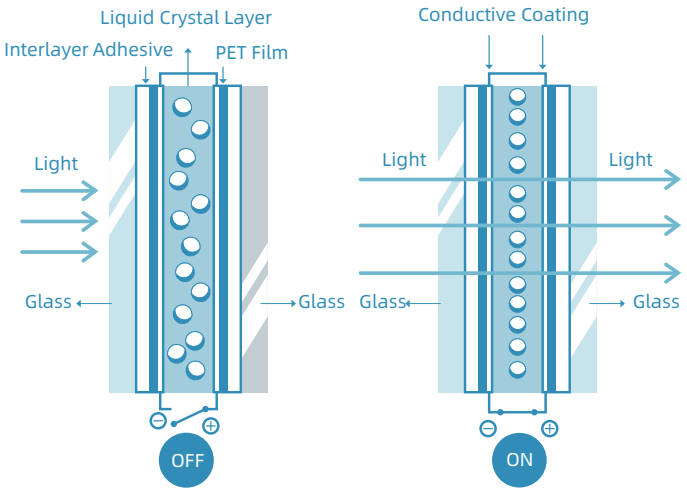
Optical Parameter

Items	ON/OFF		Test Methods/Standards
Operating voltage	ON	60V	Multimeter/Voltage Regulator,WGW
Power consumption	ON	≤ 5W/m²	Multi-parameter electric measuring instrument
Viewing angle	ON	≥ 160°	Visual Inspection
Uv blocking rate	OFF	≥ 99%	Optical teansmittance tester
Infrared blocking rate	OFF	≥ 60%	
Response time	OFF→ON	≤ 30 ms	Liquid crystal parameter integrated tester
	ON→OFF	≤ 200 ms	
Operating temperature	--	-30℃ ~ 85℃	constant temperature and humidity testing machine
Life-span	--	100000 Hours	GB18910.5-2008
Switching times	--	≥ 2 million times	Self-made on/off tester

Structural



Technical Principles



PDLC Film

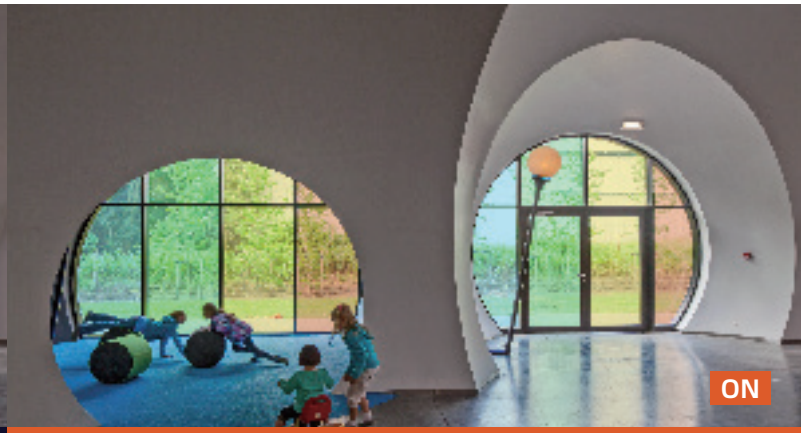
Note: Color and thickness do not represent the actual situation,only for the convenience of illustration.

Whatsapp no +8613829163387

CITYSTAR

Art Glass





Art Glass
Gray/Black/Blue/Green/Orange/Red

>99%
Uv Block

5W/m²
Low-Power

Dynamic Privacy
Complete privacy or transparency when you need and want it most.

Temperature Control
Solar Control smart films reflect IR light providing cooler interiors and less HVAC costs.

High ROI
Mitigate longterm costs associated with cleaning, cooling, and signage.

Dynamic Designs
Custom shapes and patterns add style and function to windows and partitions.

Optimize space
Replace thick studded walls with thinpartitions or section open floor plans withminimalist solutions.

Easy To Clean
Eliminate fabric or electronic curtains that are hardto clean and collect germs while affecting designs.

Anti-noise
Compared with ordinary glass, the anti-noiseability of glass using Filmbase PDLc film isincreased by 20%.

Various control methods
To meet your various needs, we have multiple control methods: remote control, wired control, infrared sensing, voice control, mobile applications, etc.


GLASS CURTAIN WALL


CHILDREN'S PLAYGROUND


HOTEL ROOMS

Whatsapp no +8613829163387

CITY STAR GROUP CO., LIMITED

Address: 31F 3A Building, Smart Park, Baolong street, Longgang district, Shenzhen, China

CITYSTAR

Art Glass

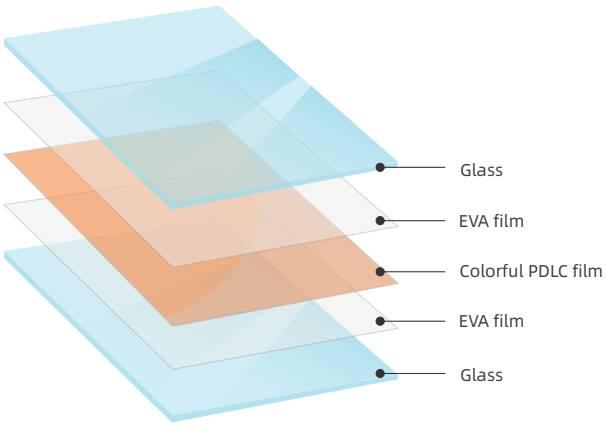
Product Parameters

Film color	Gray	Black	Blue	Green	Orange	Red
Uv block	>99%	>99%	>99%	>99%	>99%	>99%
Ir block	>86%	>86%	>86%	>86%	>86%	>86%
Power consumption	5w/m²	5w/m²	5w/m²	5w/m²	5w/m²	5w/m²
Compatible with	Eva	Eva	Eva	Eva	Eva	Eva
Input voltage	100-120v 60Hz /220-240v 50hz					
Glass types	Flat,Curved,Tempered,Ultra Clear,Low-E,Other					

Optical Parameter

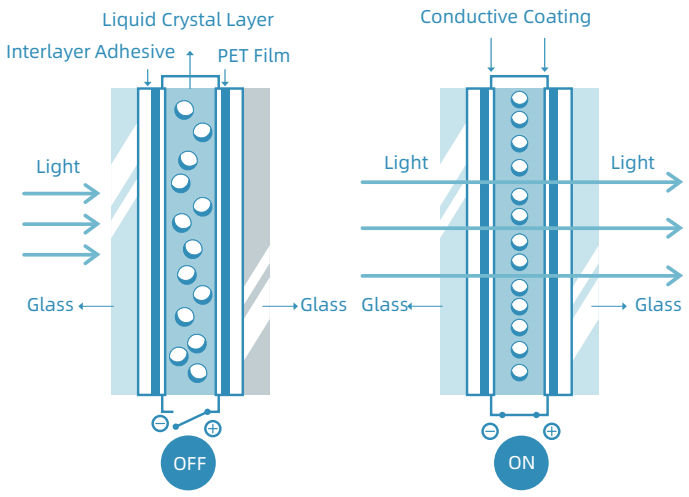
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Structural



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Technical Principles



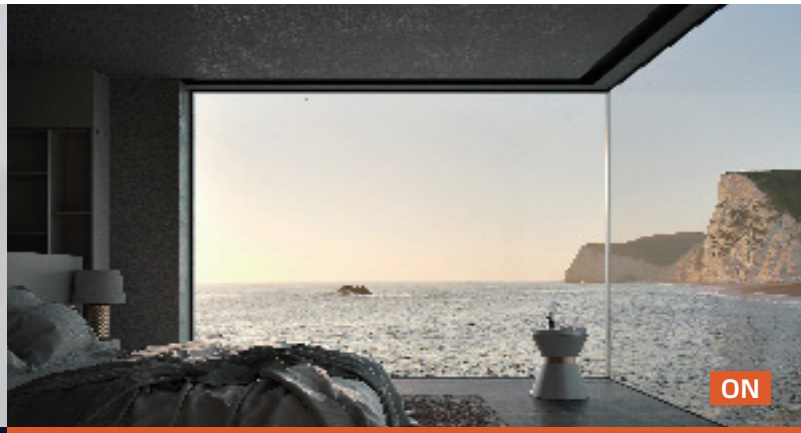
PDLC Film

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CITYSTAR

Facade Glass





Facade Glass

>99% Uv Block

5W/m² Low-Power

Dynamic Privacy

Complete privacy or transparency when you need and want it most.

Temperature Control

Solar Control smart films reflect IR light providing cooler interiors and less HVAC costs.

High ROI

Mitigate longterm costs associated with cleaning, cooling, and signage.

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Optimize space

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Anti-noise

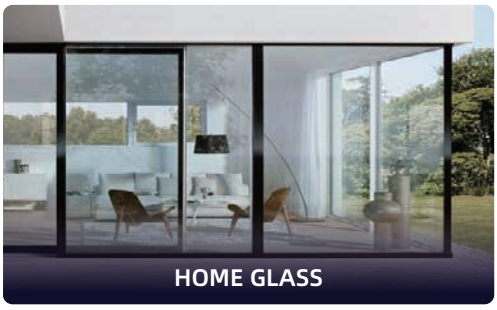
Compared with ordinary glass, the anti-noiseability of glass using Filmbase PDLc film isincreased by 20%.

Various control methods

To meet your various needs, we have multiple control methods: remote control, wired control, infrared sensing, voice control, mobile applications, etc.


GLASS CURTAIN WALL


PRIVATE SPACE


HOME GLASS

Whatsapp no +8613829163387

CITY STAR GROUP CO., LIMITED

Address: 31F 3A Building, Smart Park, Baolong street, Longgang district, Shenzhen, China

CITYSTAR

Facade Glass

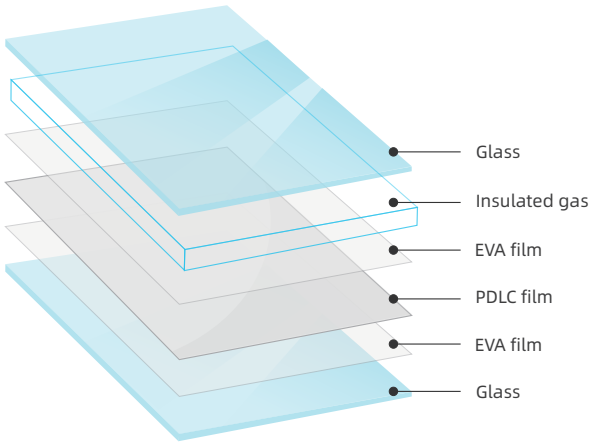
Product Parameters

Items	085 PDLC film	087 PDLC film	091 PDLC film
Film color	White	White	White
Haze（on）	6%	4%	3%
Haze（off）	94%	94%	94%
Light transmittance（on）	72%	75%	77%
Light transmittance（off）	60%	63%	65%
Uv block	>99%	>99%	>99%
Ir block	>86%	>86%	>86%
Power consumption	5w/m²	5w/m²	5w/m²
Compatible with	Eva	Eva	Eva
Biggest size	1800x3600mm	1800x3600mm	1800x3600mm
Input voltage	100-120v 60Hz /220-240v 50hz		
Glass types	Flat,Curved,Tempered,Ultra Clear,Low-E,Other		

Optical Parameter

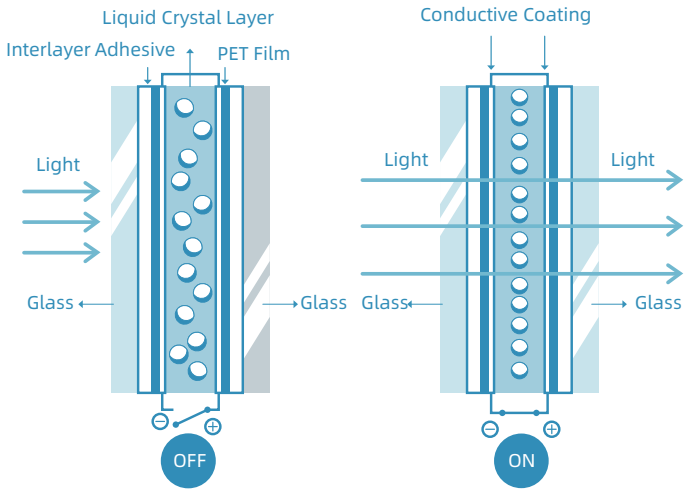
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Structural



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Technical Principles



PDLC Film

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CITYSTAR

VC Glass



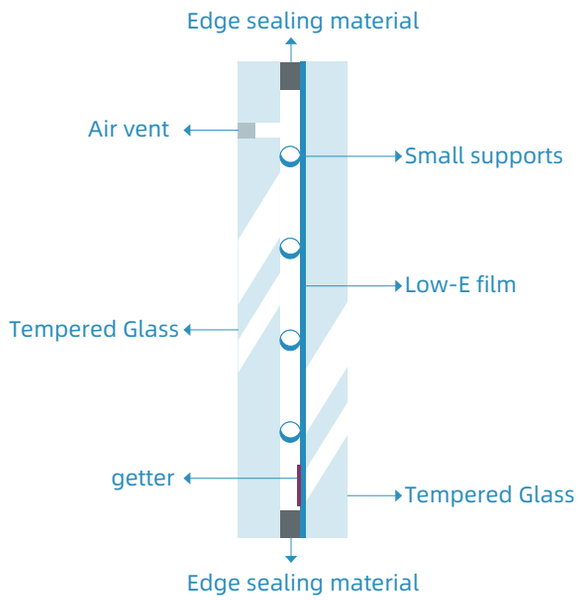
VC-Glass

95% Insulation of heat

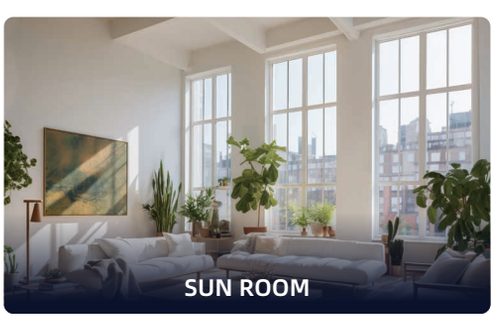
90% Insulating efficiency



Technical Principles



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CITYSTAR

VC Glass

Key Features

More secure

The stress at any point on the surface of the product exceeds **90**MPa,The wind pressure resistance strength of Filmbase VC-Glass reaches**+7200**Pa.

Size worry free

The maximum size of a single product can reach**1.5x2.5**meters.

Sound insulation

The sound insulation and noise reduction performance of Filmbase VC-Glass is based on the fact that sound does not propagate under vacuum conditions. The weighted sound insulation reaches **39 dB**.

Various angles

Filmbase VC-Glass is not affected by the change of gas thermal conductivity when placed horizontally.

Anti condensation

There is no gas inside the Filmbase VC-Glass, and even if the outdoor temperature reaches minus 40℃ it will not condense. It has passed RoHS certification and can be fully applied to the high-end home appliance market worldwide.

Thermal insulation

Its heat transfer coefficient (U value) is as low as **0.4** W/m²·K, significantly reduces energy loss and building energy consumption. The thermal insulation effect is more than 1 meter thick brick wall, is **4~6** times of ordinary insulating glass.

Long service life

All-glass material seal, internal plus getter and Low-E film, as long as the manufacturing process and equipment advanced, Filmbase VC-Glass service life is much longer than the organic material sealed hollow glass.

Be even quality

We have passed the ISO9001:2015 quality system certification and have undergone rigorous system and process audits by Bosch Home Appliances to ensure the reliable quality of every piece of Filmbase VC-Glass. We are also insured by PICC quality assurance insurance.

Product parameters

Products	U value W/(m²·K)	Visible Light Transmittance	Volume isolation	Regular size	Biggest size
5TL+0.3V+5T	0.50	75%	39dB	1500x2000mm	2000x3000mm

*5T represents 5mm thick white glass; 0.3V represents a 0.3mm thick vacuum layer; 5TL represents 5mm thick Low-e glass; 9A represents a 9mm thick hollow layer; 0.76P represents a 0.76mm thick adhesive layer.

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