

Shirley Zhao

Phone: +86 15670614009

Email: shirley@ikesteel.com

ADD: A8-711 LuoYang Hengsheng Technology Park, Luolong District, LuoYang -471000, HeNan, China



IKE STEEL (Luoyang) Co., Ltd

2025

# PERGOLA

**Product Catalog** 





## CONTENTS

Type -145

Type -175

Type -200

Type -220

Windproof Roller Shutter

Sliding Glass Door

**Aluminum Shutters** 

Retractable Electric Louver pergola

**Project Presentation** 



- Aluminum construction with long service life
- Maximum load up to 100 kg/m²
- Easy to build with assembly instructions

- ✓ Integrated roof gutter
- ✓ Aluminum blades
- Supports the installation of LED lights



Type-145 pergola is a semi-permanent aluminum pergola with single-layer innovative louvres to provide a shade doutdoor area for all of common residential outdoor area. With the maximum 90-degree manual and motor louvre system, you can have the louvres opened or closed easily. it's 100% waterproof comes with internal autter system it can withstand wind rating 112 km/h.

Aluminum waterproof blades, stronger and better.







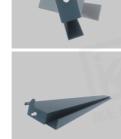
Size: 145\*32\*1.3mm

#### Post

Size: 135\*135\*2.0mm

#### Beam/Frame

Size: 150\*130\*1.8mm



#### MOTORIZED







Better heat insulation



Double-laye

#### **Motor type**



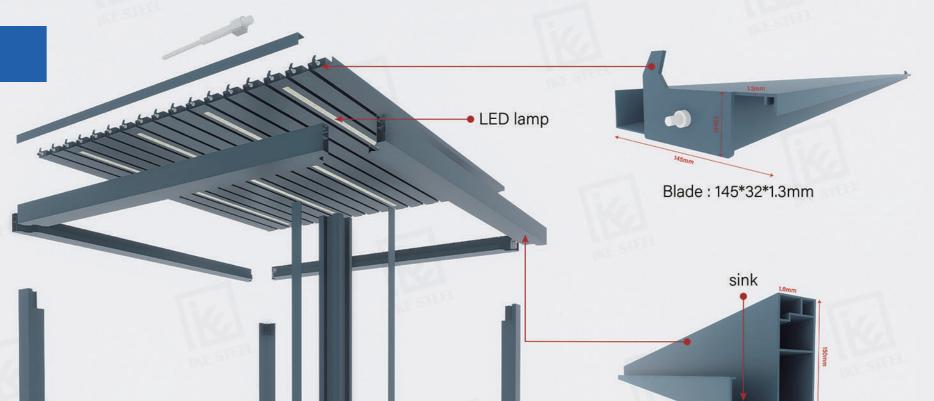
#### **Detailed Dimension Introduction**

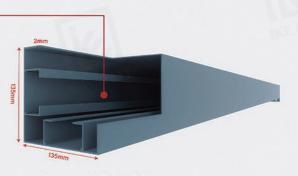
The dimensions of the frame/blade/post





Wind Load: 112 km/h Snow Load: 100 kg/m² Safety:Hidden drains and electrical lines





Frame: 150\*130\*1.8mm

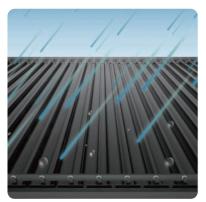
Post: 135\*135\*2.0mm

#### **FUNCTIONAL FEATURES**

Sun-proof, Waterproof, Ventilated

It's adopted a new generation of shading technology, which has a very good function of shading and rain protection.

By flexibly adjusting the opening and closing state of the blades, you can also adjust the light and ventilation effects and choose the best way to start outdoor leisure life. It can withstand wind rating 112km/h.



Rainproof, snow-proof, windproof



Closed



Sun-proof、Anti-UV



Flexible adjustment of opening and closing angle



Ventilated



Open

#### **DRAINAGE SYSTEM**

Hidden drainage system, no fear of heavy rain.

Beam and gutter are integrated to achieve a more perfect waterproof function.

Rainwater stream through the internal gutter system and to posts of the structure which is a practical and clever solution.



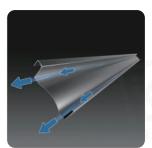
Hidden drainage system



Water being flowed into pos



Drain to the lower end of the post



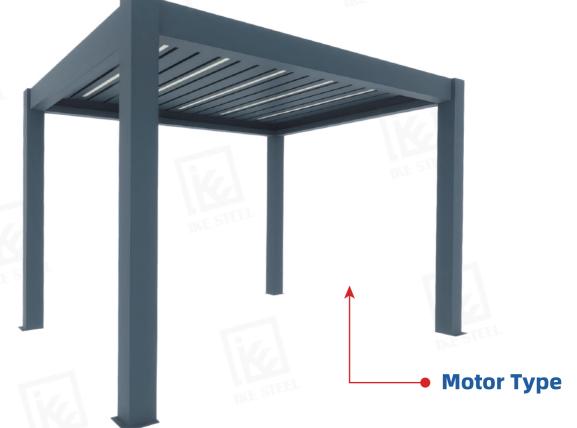
Blade grooves facilitate diversion

#### CONTAINER LOADING CAPACITY

Photos		Carton size(mm)		N.W	G.W	QTY	CTN					40110	
	Size	L	W	Н	(Kg)	1	(CTN)		СВМ	Description	20GP	40GP	40HQ
		2990	245	230			1	1/4	0.16	Beam +Gutter			
	3X3	2910	310	310	180	230	1	2/4	0.27	Louver	32	68	77
		2910	310	310			1	3/4	0. 27	Louver	_		
		2415	260	280			1	4/4	0.14	Post+hand crank			
200		4000	250	230			1	1/4	0. 25	Beam +Gutter			
	3X 4	2920	320	390	240	290	1	2/4	0.36	Louver	25	55	60
	384	2920	320	390	210	290	1	3/4	0.36	Louver	25	55	00
		2430	320	270			1	4/4	0.16	Post+hand crank			



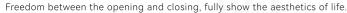
✓ Aluminum construction with long service life
 ✓ Maximum load up to 120 kg/m²
 ✓ Aluminum blades
 ✓ Supports the installation of LED lights



Type-175 pergola is a semi-permanent premium aluminum pergola with Aluminum innovative louvres, posts with round corner design led lighting system to provide a perfect shade for your outdoor area. It is made of high-quality aluminum, which guarantees durability and solidity of the sturcture. Adjustable top blades allow you to choose between sun and shade seating ,Adopt 135mm posts, stable structure with affordable cost, great waterproof effect.

Aluminum waterproof blades, stronger and better.







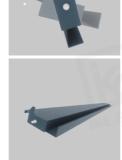
Size: 175\*40\*1.6mm

**Post** 

Size: 135\*135\*2.0mm

Beam/Frame

Size: 180\*130\*2.0mm



#### MOTORIZED







#### **Motor**



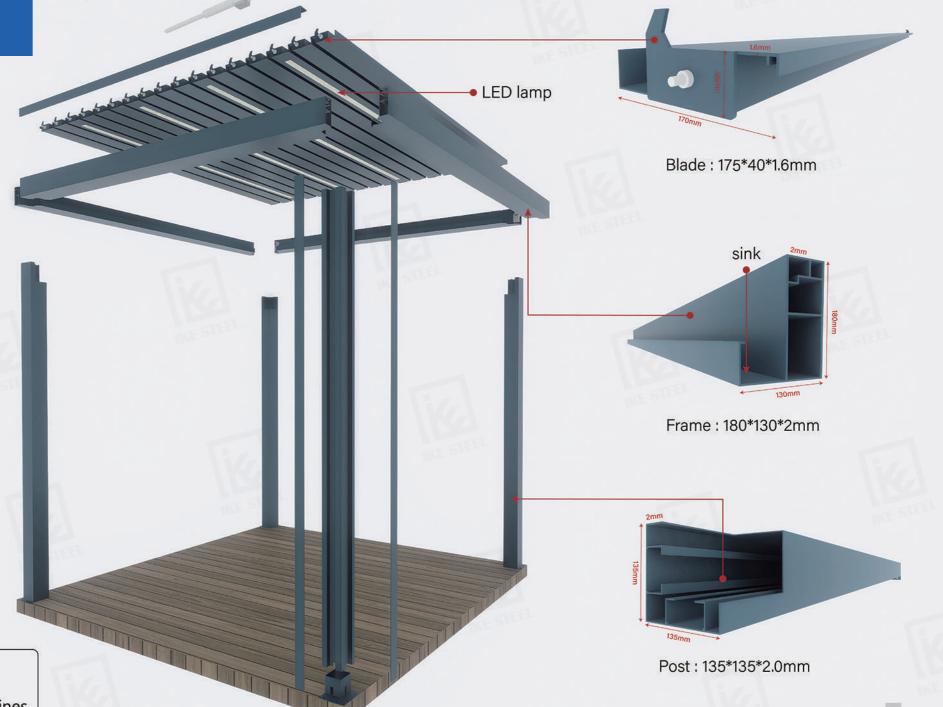
#### **Detailed Dimension Introduction**

The dimensions of the frame/blade/post





Wind Load: 120 km/h Snow Load: 120 kg/m² Safety:Hidden drains and electrical lines



#### **FUNCTIONAL FEATURES**

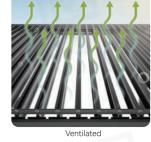
Sun-proof, Waterproof, Ventilated

It's adopted a new generation of shading technology, which has a very good function of shading and rain protection.

By flexibly adjusting the opening and closing state of the blades, you can also adjust the light and ventilation effects, and choose the best way to start outdoor leisure life. It can withstand wind rating 28m/s (100 km/h).











opening and closing angle



#### **DRAINAGE SYSTEM**

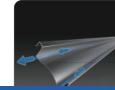
Hidden drainage system, no fear of heavy rain.

Beam and gutter are integrated to achieve a more perfect waterproof function. Rainwater stream through the internal gutter system and to posts of the structure which is a practical and clever solution.









## **OPTIONAL ACCESSORIES**

#### **CONTAINER LOADING CAPACITY**

Photos		Carton Size (		(mm)	N.W G.W	G.W	ОТУ	CTN	<b>ans</b> -				40110
	Size	L	W	Н	(Kg)		(CTN)	NO	СВМ	Description	20GP	40GP	40HC
		2900	340	220			1	1/4	0.2	Beam+Gutter			65
	3X3	2900	350	310	225	275	1	2/4	0.3	Louver	29	65	
Hil	383	2900	350	310	223		1	3/4	0.3	Louver	29	03	
		2750	300	260			1	4/4	0.2	Post			
		2955	310	160		350	1	1/4	0.2	Beam+Gutter			
	3X4	2910	350	410	300		1	2/4	0.4	Louver	18	44	52
	3,44	2910	350	410			1	3/4	0.4	Louver	10		
		2750	360	260			1	4/4	0.3	Post			
		4010	310	300	400		1	1/6	0.4	Beam+Gutter		37	42
		1970	370	395		450	1	2/6	0.3	Louver	14		
4	4X4	1970	370	395			1	3/6	0.3	Louver			
154		1970	370	395			1	4/6	0.3	Louver			
IKE STEEL		1970	370	395			1	5/6	0.3	Louver			
		2800	330	260			1	6/6	0.2	Post			
		4035	440	220			1	1/6	0.4	Beam+Gutter			
		2880	350	405			1	2/6	0.4	Louver	10		
	6X4	2880	350	405		FEL	1	3/6	0.4	Louver		24	25
$\parallel \parallel \parallel 4$	(Two bay)	2880	350	405	600	650	1	4/6	0.4	Louver			
111.		2880	0 350 405			1	5/6	0.4	Louver				
IKESI		2920	415	250			1	6/6	0.3	Post			

Customization is supported, with free choices and combinations available



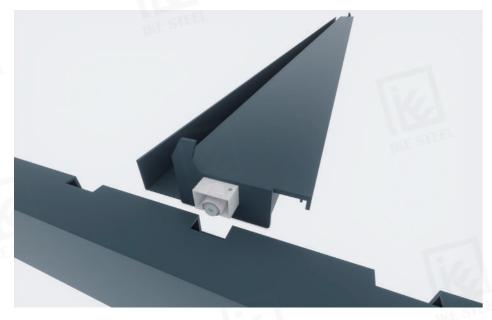
- ✓ Aluminum construction with long service life
- Maximum load up to 140 kg/m<sup>2</sup>
- Easy to build with assembly instructions

- ✓ Integrated roof gutter
- ✓ Double top blades
- Supports the installation of LED lights



Type-200 pergola is a semi-permanent premium aluminum pergola with double-layer innovative louvres, posts with round corner design, led lighting system to provide a perfect shade for your outdoor area. It is made of high-guality aluminum, which quarantees durability and solidity of the sturcture. Adiustable top blades allow you to choose between sun and shade seating. It can withstand wind rating 125 km/h.

Aluminum waterproof blades, stronger and better.







Size: 200\*40\*1.8mm

#### **Post**

Size: 150\*150\*2.0mm

#### Beam/Frame

Size: 200\*130\*2.0mm





#### MOTORIZED



Motorised with light



Better heat insulation



Double-laye

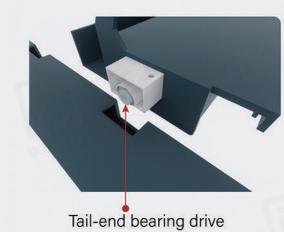
### **Open Effect Display**

Enjoy every ray of morning sunshine



### **Detailed Dimension Introduction**

The dimensions of the frame/blade/post





Wind Load: 125 km/h Snow Load: 140 kg/m² Safety:Hidden drains and electrical lines



#### **FUNCTIONAL FEATURES**

Sun-proof, Waterproof, Ventilated



Rainproof, snow-proof, windproof



Sun-proof、Anti-UV



Ventilated



Closed



Flexible adjustment of opening and closing angle



Open

#### **DRAINAGE SYSTEM**

Hidden drainage system, no fear of heavy rain.



Hiddend rainage system



Drain to the lower end of the post



water being nowed into pos



Blade grooves facilitate diversion

#### **CONTAINER LOADING CAPACITY**

Photos	۱	Carto	n Size	(mm)	N.W	G.W	QTY	CTN				1065	
	Size	L	W	Н	(Kg)		(CTN)		СВМ	Description	20GP	40GP	40H0
		2870	320	160			1	1/4	0.15	Beam+Gutter		IKE	55
	21/2	2870	370	270		302	1	2/4	0.29	Louver		49	
ШП	3X3	2870	370	270	252		1	3/4	0.29	Louver	24		
		2780	360	270			1	4/4	0.27	Post			
		3900	320	160		386	1	1/4	0.20	Beam+Gutter	40		48
		2870	370	340	336		1	2/4	0.36	Louver		43	
	3X4	2870	370	340			1	3/4	0.36	Louver	19		
		2780	360	270			1	4/4	0.27	Post			
		3890	340	200	448		1	1/6	0.26	Beam+Gutter	13	36	42
		1960	330	380		498	1	2/6	0.25	Louver			
F	4X4	1960	330	380			1	3/6	0.25	Louver			
IKE ITE	(Two bays)	1960	330	380			1	4/6	0.25	Louver			
•		1960	330	380			1	5/6	0.25	Louver			
		2780	310	260	TE.		1	6/6	0.22	Post	L		
		3980	380	200			1	1/6	0.26	Beam+Gutter			
		2930	330	340	TKE	STEE	1	2/6	0.25	Louver	8		
	6X4	2930	330	340			1	3/6	0.25	Louver		24	27
L	(Two bay)	2930	330	340	672	722	1	4/6	0.25	Louver		24	
		2930	330	340			1	5/6	0.25	Louver			
		2760	380	250			1	6/6	0.22	Post			



✓ Aluminum construction with long service life
 ✓ Maximum load up to 160 kg/m²
 ✓ Double top blades
 ✓ Supports the installation of LED lights

Type-200 Peraola 2.0 features 150mm sauare posts and wider double-laver louvres to withstand extreme weather, including heavy snow and strong winds. Built from high-quality aluminum, it offers dimmable RGB ED lighting, perimeter lighting, and full waterproofing with a water-electricity separated post for added safety. Supporting both freestanding and wall-mounted setups, the adjustable louvres provide flexible shading, withstanding winds up to 130 km/h.

Aluminum waterproof blades, stronger and better.





#### Louver/Blade

Size: 200\*40\*1.8mm

#### **Post**

Size: 150\*150\*2.0mm

#### Beam/Frame

Size: 200\*150\*2.4mm





#### MOTORIZED







Better heat insulation



Double-layer

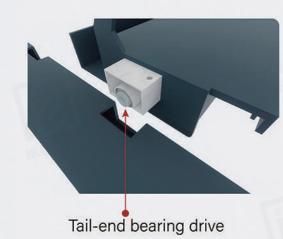
### **Open Effect Display**

Enjoy every ray of morning sunshine



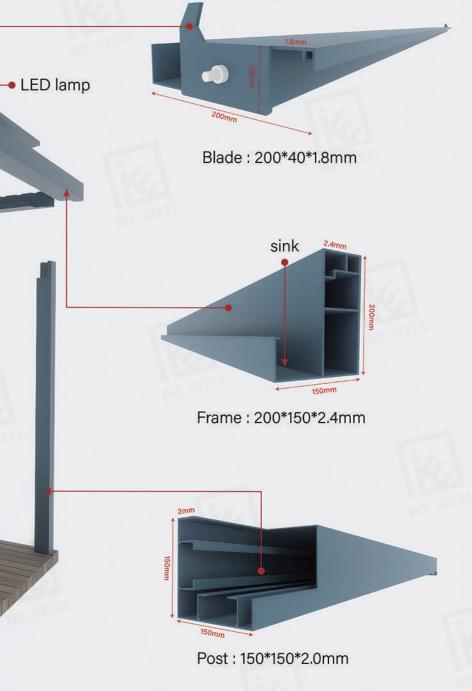
## **Detailed Dimension Introduction**

The dimensions of the frame/blade/post



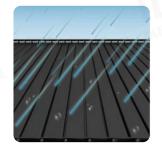


Wind Load: 130 km/h Snow Load: 160 kg/m² Safety:Hidden drains and electrical lines



#### **FUNCTIONAL FEATURES**

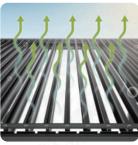
Sun-proof, Waterproof, Ventilated



Rainproof, snow-proof, windproof



Sun-proof、Anti-UV



Ventilated





Flexible adjustment of opening and closing angle



#### **DRAINAGE SYSTEM**

Hidden drainage system, no fear of heavy rain.









#### **CONTAINER LOADING CAPACITY**

	Size	Carton Size (mm)		N.W	G.W	оту	CTN	6014					
Photos		L	w	Н	(Kg)		(CTN)		СВМ	Description	20GP	40GP	40HQ
		3050	450	210			1	1/4	0.29	Beam+Gutter		113	STEE
4	21/2	2910	430	360	270	320	1	2/4	0.47	Louver		36	
1111	3X3	2930	420	260		320	1	3/4	0.33	Louver	] ′	30	45
1 1		2850	450	340			1	4/4	0.47	Post			
		3980	470	210			1	1/4	0.3	Beam+Gutter			
4	3X4	2920	420	460	360	410	1	2/4	0.6	Louver	,	28	35
V D C	384	2920	420	350			1	3/4	0.47	Louver			
IKE TEEL		3100	450	156			1	4/4	0.47	Post			
	4X4	4070	470	200			1	1/4	0.3	Beam+Gutter			IK
		3970	420	460	480	530	1	2/4	0.61	Louver	,	24	30
		3940	420	350			1	3/4	0.47	Louver			
. 1.		2850	450	156			1	4/4	0.47	Post			
		5740	480	200	STEEL	770	1	1/5	0.32	Beam+Gutter			
4		3950	420	460			1	2/5	0.58	Louver			22
	4x6	3940	420	350	720		1	3/5	0.46	Louver	/	18	
Alta a		3940	420	350			1	4/5	0.46	Louver			
		2850	450	306			1	5/5	0.47	Post			
		4070	710	230			1	1/6	0.5	Beam	1		
		3940	420	450			1	2/6	0.58	Louver			
	4x8	3940	420	450	960	1010	1	3/6	0.58	Louver	,	13	17
1 11 11/1	470	3940	420	370		31-	1	4/6	0.47	Louver		13	17
1 II. 1 III	MA	3940	420	370			1	5/6	0.47	Louver			
	ESTEEL	3100	540	340			1	6/6	0.4	Post			

## Retractable Electric Pergola





Retractable Electric Louver Pergola is an upgraded version, Double-layer louvres with added LED strip lighting and rubber seals forimproved waterproofing. Built for harsh environments, it withstands strong winds and heavy snow with durable aluminumconstruction. The pergola supports freestanding or wall-mounted installations and includes 150mm square posts with separated water and electricity. Adjustable louvers allow easy control between sun and shade, withstanding wind speeds up to120 km/h.

#### **Retractable Pergola**

Double-layer waterproof blades, stronger and better heat insulation.



Freedom between the opening and closing, fully show the aesthetics of life.

Post

Size:150x150x2.0mm

**Operation** Motorized

Louver

Size:200x40x1.8mm

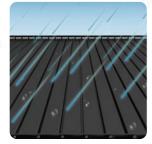
Beam with built-in gutter (motorized)

Size:230x150x2.5mm



#### **FUNCTIONAL FEATURES**

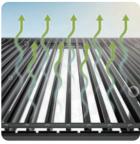
Sun-proof, Waterproof, Ventilated



Rainproof, snow-proof, windproof



Sun-proof、Anti-UV



Ventilated





Flexible adjustment angle



#### **DRAINAGE SYSTEM**

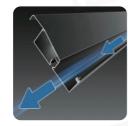
Hidden drainage system, no fear of heavy rain.



Hiddend rainage system









#### **CONTAINER LOADING CAPACITY**

	Size	Carton Size (mm)		N.W	G.W	QTY	TY CTN	.N					
Photos		L	w	Н	(Kg)	(Kg)			СВМ	Description	20GP	40GP	40HQ
		3050	450	210		63	1	1/4	0.29	Beam+Gutter		MAL	
	21/2	2910	430	360	270	54	1	2/4	0.47	Louver	] ,		45
	3X3	2930	420	260	270	37	1	3/4	0.33	Louver	/	36	43
		2850	450	340		72	1	4/4	0.47	Post			
3000		3980	470	210	360		1	1/4	0.3	Beam+Gutter			
	3X4	2920	420	460		410	1	2/4	0.6	Louver	,	28	35
	384	2920	420	350			1	3/4	0.47	Louver			
IKE .		3100	450	156			1	4/4	0.47	Post			
	4X4	4070	470	200	480		1	1/4	0.3	Beam+Gutter			
		3970	420	460		530	1	2/4	0.61	Louver	,	24	30
		3940	420	350			1	3/4	0.47	Louver			
		2850	450	156			1	4/4	0.47	Post			
		5740	480	200			1	1/5	0.32	Beam+Gutter			22
		3950	420	460			1	2/5	0.58	Louver			
(ESI)	4x6	3940	420	350	720	770	1	3/5	0.46	Louver	/	18	
		3940	420	350			1	4/5	0.46	Louver			
		2850	450	306			1	5/5	0.47	Post			
		4070	710	230			1	1/6	0.5	Beam			
		3940	420	450		1/4	1	2/6	0.58	Louver			
	4x8	3940	420	450	960	1010	1	3/6	0.58	Louver	- /	13	17
1 11 11/1		3940	420	370			1	4/6	0.47	Louver			
11.7	STEEL	3940	420	370			1	5/6	0.47	Louver			
110		3100	540	340			1	6/6	0.4	Post			

#### **PRODUCT SUMMARY**

	TYPE 145	TYPE 175	TYPE 200	TYPE 220	Retractable	
Comparison						
Louvre	Double	Double	Double	Double	Double	
Post	135x135x2.0mm	135x135x2.0mm	150x150x2.0mm	150x150x2.0mm	150x150x2.0mm	
Wind resistance	<b>~</b>	~	<b>√</b>	₹Z-V	<b>~</b>	
Waterproof	<b>✓</b>	~	<b>✓</b>	✓	<b>✓</b>	
Sunshading	~	<b>Y</b>	<b>✓</b>	<b>✓</b>	<b>~</b>	
Motorised	<b>~</b>	<b>~</b>	<b>√</b>	<b>✓</b>	✓	
Manual	<b>~</b>	<b>/</b>	Not Recommended	Not Recommended	Not Recommended	
Led lighting	<b>✓</b>	/KE ST	<b>✓</b>	~	✓	
nstallation method	Freestanding & Wall mounted					





## OPTIONAL ACCESSORIES

#### **Windproof Roller Shutter**

Manual Blind, Manual zip Blind and Motorized zip Blind, offering a personalized service of excellent quality. The structure is powder coating aluminum and its fabric can be imported acrylic canvas Dickson brand, mesh type, transparent imported PVC or other special choice. Support manual operation without zipper, manual operation with zipper for tighter fabric effect and Motorised button-operated with zipper for satisfing different applications and offering the maximum possibility for end users.









#### Customization is supported, with free choices and combinations available

#### Manual Zip Blind IK-910A

Cassette	100 X 100 X 2.0mm
Rail	49 X 39 X1.2mm
Bottom bar	45 X 25.4 X 1.5mm
Roller tube	dia 70mm
Operation	manual

#### Motorized Zip Blind IK-910B

Cassette	120 X 120 X 2.0mm
Rail	60 X 39 X1.5mm
Bottom bar	56 X 25.4 X 2mm
Roller tube	dia 78mm
Operation	motorized

## **Sliding Glass Door**

Equisit 8mm tempered sliding glass with side aluminum profile is perfect match for pergola to form a relax private space. It can realize a variety of scene functions such as cool summer and warm winter, dustproof and transparent scenes, making outdoor leisure life more comfortable and more quality.



<b>Glass</b> Tempered glass 8mm	
Side Rail	Side Border
88x30x1.4mm	35x18.7x2.0mm
Up Rail	Mid Border
83x60x1.4mm	44x35x2.0mm
Down Rail	Up/Down Border
88x8.2x1.2mm	35x32.7x2.0mm



### **Windproof Roller Shutter**

Aluminum Shutter is an innovative accessory that offers a privacy wall option and the ability to block sunlight in outdoor living space under the pergola. Fixed panels, sliding panels and bi-folding panels are available. High-grade aluminum material and premium powder coating make this sleek overall look and resistant to rust. It is a great addition to outdoor pergola and let through the breeze and enjoy a nature outdoor time.



Bi-folding panels Fixed panels Siding panels

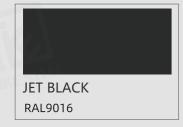
Double - track Hanging Rail:	2.142KG/M
Cover Plate of Double - track Hanging Rail:	0.131KG/M
Frame of Louver:	0.584KG/M
Cover Plate of Louver Frame:	0.131KG/M
Aluminum Strip for Louver Transmission:	0.131KG/M
Blade of Hand - flip Louver:	0.633KG/M
Frame of Hand - flip Louver:	0.962KG/M
Opposite Frame for Hand - flip:	0.440KG/M
Angle Aluminum 38*25:	0.44KG/M
Bottom Rail of Sliding Door:	0.706KG/M

### **Standard color in stoc**

Custom Color Support

More than 200 RAL colors are available













## PRODUCT PICTURE

SCIENTIFIC DESIGN AND INGENUITY



IKE STEEL (Luoyang) Co., Ltd













#### **Global Sales Network Distribution**



**20+**PROFESSIONAL
MANUFACTURER

**76+**SALES COUNTRY
QUANTITY

24391+
SERVICE COMPANIES AND CUSTOMERS

Have established sales and service centers in multiple cities across the country Products are exported to many overseas countries and have won unanimous praise from foreign customers!



#### IKE STEEL (Luoyang) Co., Ltd

#### Shirley Zhao

Phone: +86 15670614009

Email: shirley@ikesteel.com

ADD: A8-711 LuoYang Hengsheng Technology Park, Luolong District, LuoYang -471000, HeNan , China

