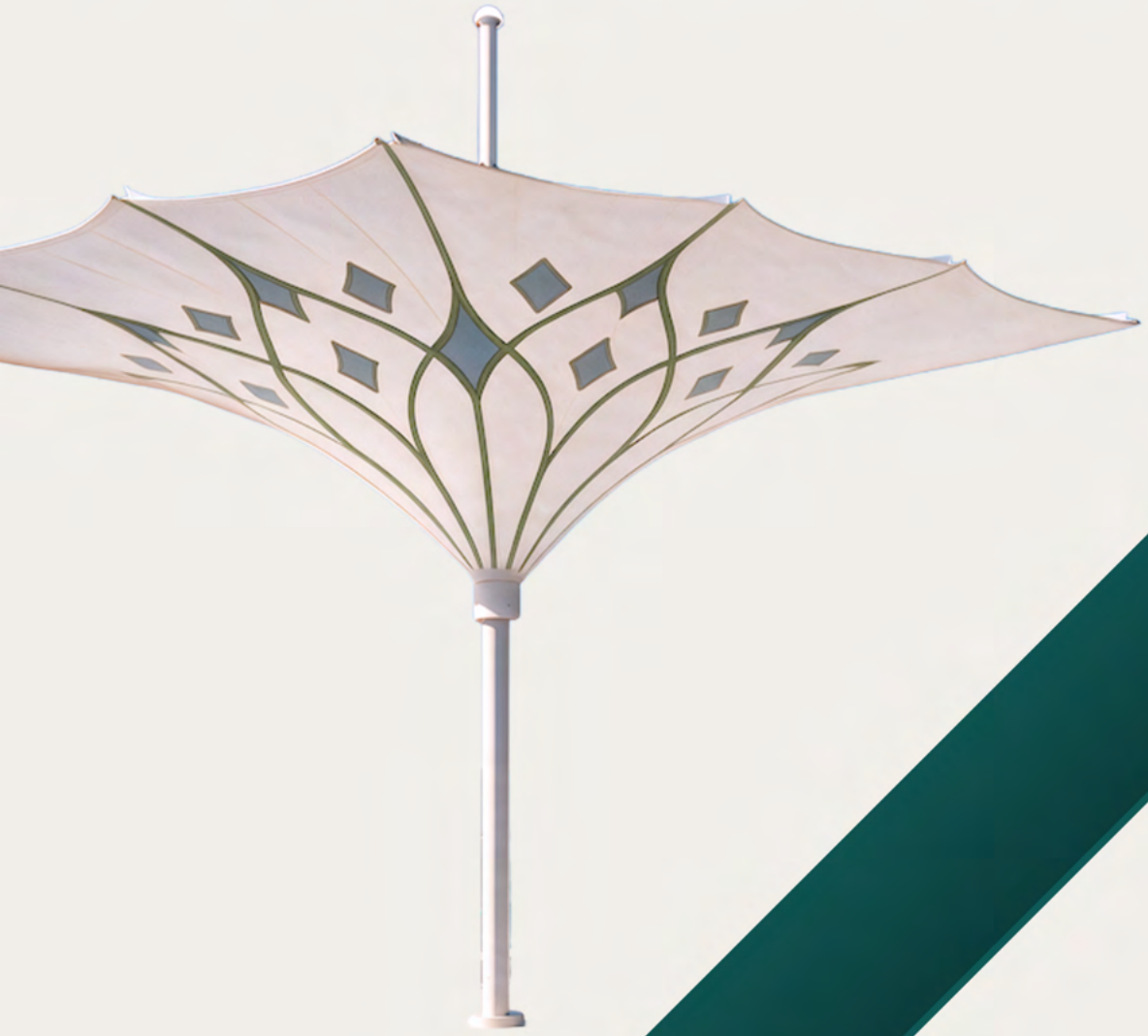
歐利達
All Leader

Smart Convertible Shading Umbrella



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About Us



40+
Years In Business

200+
Government Units

3 in 1
Shade · Rain Shelter · Drainage



Sid Wang
All Leader Founder

All Leader's Smart Convertible Shading Umbrella combines FRP expertise with durable, weather-resistant engineering for plazas, parks and public spaces. Our dedicated team designs every umbrella to withstand years of sun, wind and rain.

Climate Challenges

Shade & Cooling

The wide canopy blocks intense sun. Reflective PTFE / PVDF fabrics reduce radiant heat, keeping plazas and crossings more comfortable in summer and helping reduce heatstroke risk.

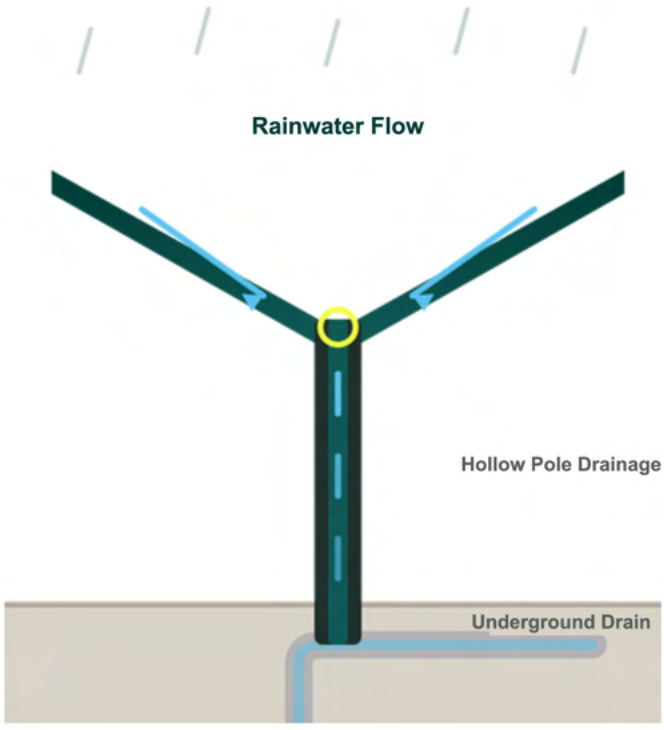
Auto Retraction

A steel frame and folding arms provide daily shade and rain shelter. When typhoons or strong winds are detected, the umbrella closes and locks automatically to protect the structure and pedestrians.

Rainwater Drainage

The funnel-shaped canopy channels rainwater down the center pole into underground drains. People stay sheltered while rapid runoff helps prevent surface flooding.

Core Design



- The large canopy catches heavy rain and slopes inward to channel it to the center.
- A central funnel directs the water into the hollow center pole.
- Water flows down the pole into underground drains—drawing on All Leader's core expertise in drainage engineering.
- Shade, rain shelter and flood prevention work together to keep the ground dry.

Smart Experience

Manage an entire site remotely, with no manual opening or closing. Integrated lighting, sound and cooling turn practical shelters into engaging public spaces—bringing smart-city thinking to everyday life.

Remote / System Control

Open and close with one touch or a schedule. Control groups remotely; close all before typhoons. No staff on site.

LED Lighting & Music

Integrated lighting and sound bring plazas to life after dark, setting the mood for events, festivals and local tourism.

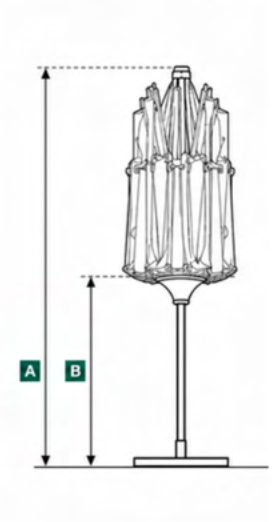
Mist Cooling

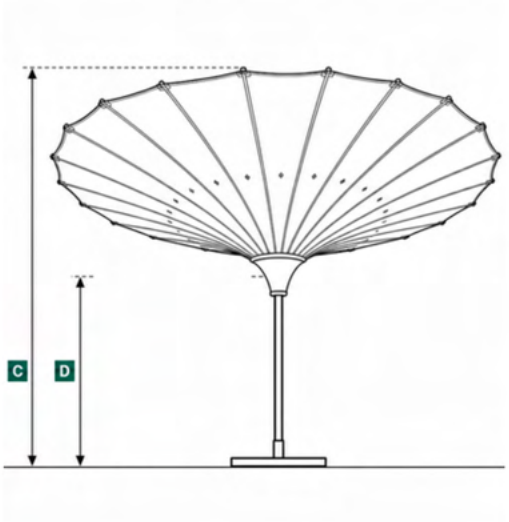
Fine mist lowers perceived temperature in summer, improving comfort and visitor capacity beneath the canopy.

Auto Retraction

Medina-inspired giant folding umbrellas provide shade and automatically close and lock when typhoons or strong winds are detected, protecting people and structure.

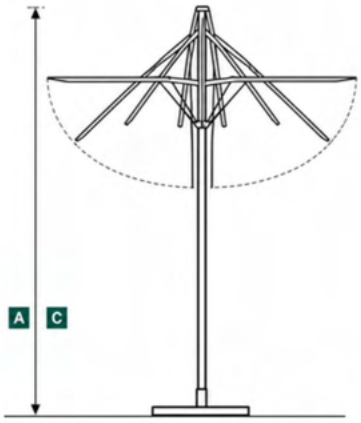
Inverted Umbrella Canopy





	Square 3.5×3.5	Square 5×5	Square 7×7	Round Ø3.5	Round Ø5	Round Ø7
Weight (kg)						
Gross Weight	120	195	350	105	170	290
Net Weight	105	175	320	90	150	265
Frame	90	150	280	75	130	230
Fabric	4	6.5	11	4	6	9
Closed (cm)						
A: Closed Height	510	510	510	510	510	510
B: Rib Clearance	210	215	265	210	215	260
Open (cm)						
C: Open Height	510	510	510	510	510	510
D: Funnel Height	210	215	265	210	215	260

Inverted Umbrella Frame



	Square 3.5×3.5	Square 5×5	Square 7×7	Round Ø3.5	Round Ø5	Round Ø7
Drainage						
Outer Pole (mm)	Ø100×5	Ø100×5	Ø150×5	Ø100×5	Ø100×5	Ø150×5
Inner Pipe (mm)	Ø80×3	Ø80×3	Ø100×5	Ø80×3	Ø80×3	Ø100×5
Anchors / Fittings						
Drainage Anchor	Ø100 Drainage	Ø100 Drainage	Ø150 Drainage	Ø100 Drainage	Ø100 Drainage	Ø150 Drainage
Base	Ø100 Type	Ø100 Type	Ø150 Type	Ø100 Type	Ø100 Type	Ø150 Type
Protective Cover	L	XL	XXL	L	XL	XL

Packaging

- Packaging method: export-grade wooden crates.
- Packaging dimensions and gross weight: supplied according to the model and final packing details.

Applications

Inverted Umbrella



Intersections



Scenic Areas · Attractions



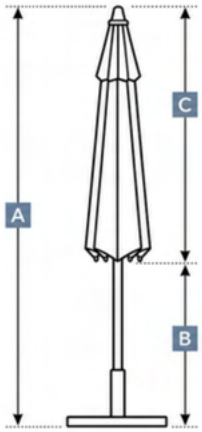
Rail Stations · Campuses

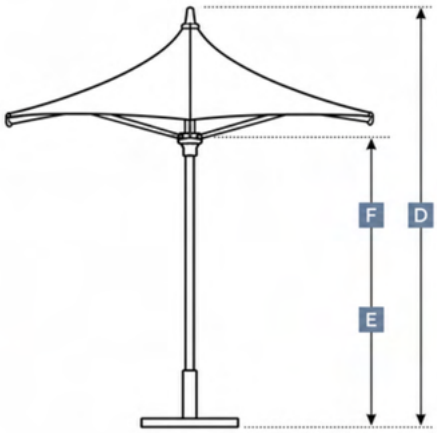


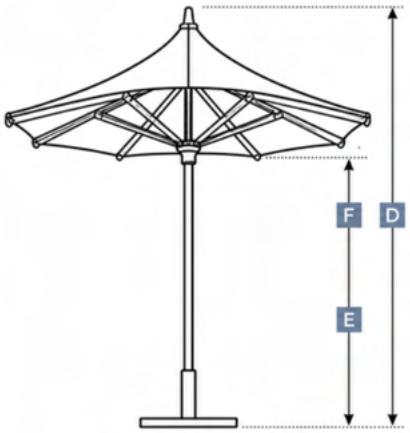
Community Spaces

Standard Umbrella Canopy

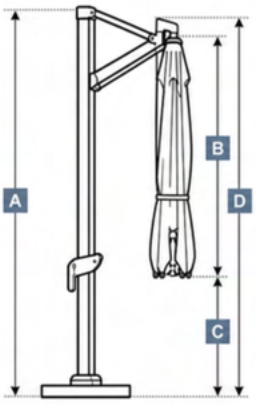
Center Pole

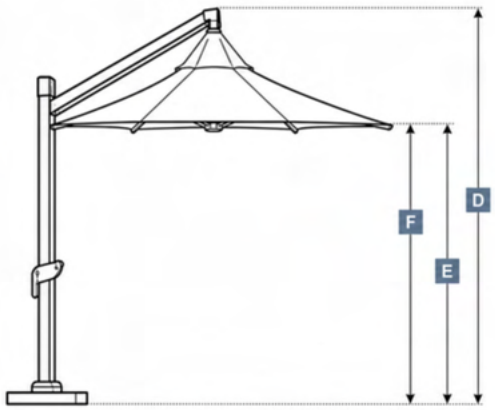


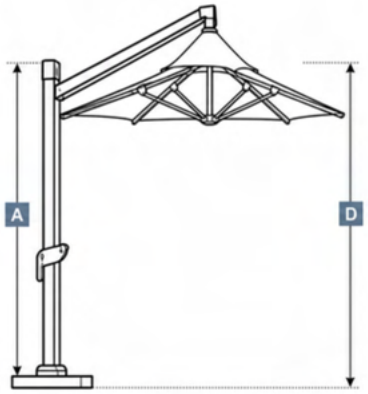




Side Pole







Item	Square 3×3	Square 4×4	Square 5×5	Round Ø3	Round Ø4	Round Ø5
Coverage (m^2)	9	16	25	7	13	20
Fabric Weight (kg)	3	5	7	3	4	5
Canopy Type	Standard tension-membrane canopy					
Fabric Material	PTFE / PVC waterproof membrane					
Operation	Electric motor with remote / system control					
Rain Drainage	Rainwater flows naturally to the canopy edge					

Standard Umbrella Frame

Item	Frame	3×3	4×4	5×5
Frame Weight (kg)	Center Pole	58	90	100
	Side Pole	105	155	215
Net Weight (kg)	Center Pole	75	115	125
	Side Pole	125	180	245
A: Closed Height (cm)	Center Pole	340	340	340
	Side Pole	340	340	340
D: Open Height (cm)	Center Pole	340	340	340
	Side Pole	340	340	340
E: Edge Clearance (cm)	Center Pole	230	230	230
	Side Pole	230	230	230
F: Rib Clearance (cm)	Center Pole	260	260	260
	Side Pole	260	260	260
Pole Type	Center Pole	Round steel center pole, Ø100-114 mm		
	Side Pole	Upright square steel pole with twin diagonal cantilever arms		
Ground Anchor	Center Pole	Embedded sleeve / fixed base / concrete footing		
	Side Pole	Side-pole anchor fittings with reinforced concrete footing		
Protective Cover	Center Pole	S	M	L
	Side Pole	M	M	L

Packaging

- Packaging method: export-grade wooden crates.
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Applications

Standard Umbrella



Center Pole



Center Pole

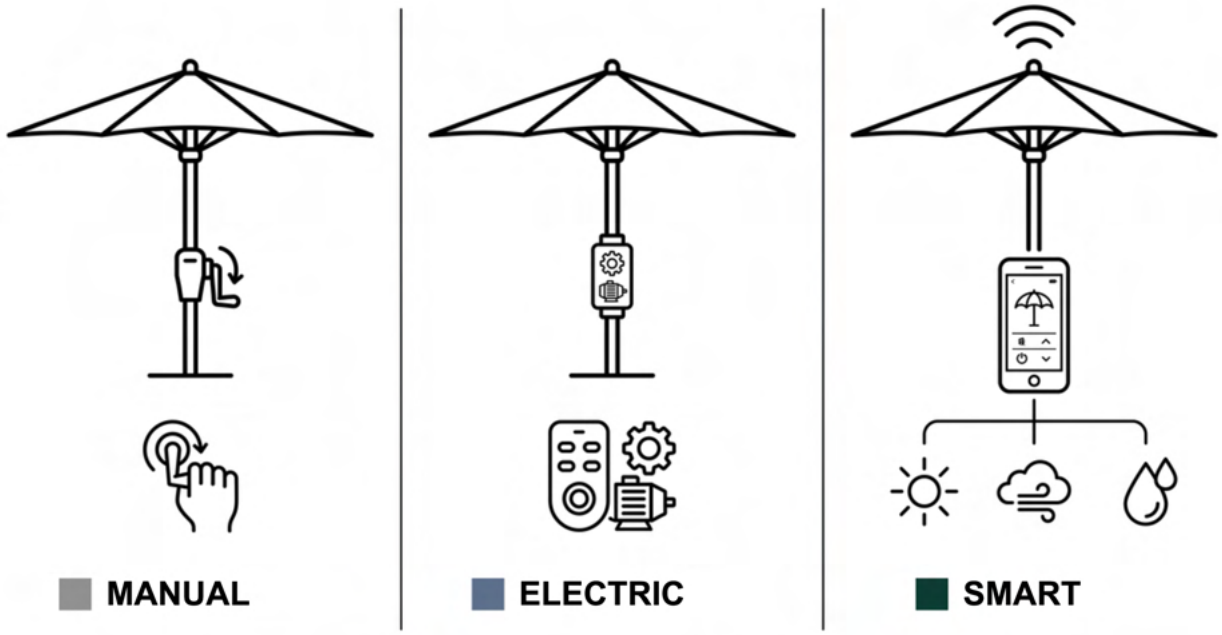


Side Pole



Side Pole

Manual, Electric & Smart Specifications



Feature	Description
Smart Control System	Remote control via handset or app; Group multiple umbrellas for synchronized operation.
Smart Wind Protection	Wind sensors trigger alerts and closure at preset limits; Wind resistance: levels 11-13.
Lighting System	Modular LED strips built into the frame or canopy; Breathing, fading and flashing light modes.
Mist Cooling System	Micron mist cooling lowers perceived temperature by ~5-8°C.
Sound System	360° Bluetooth surround sound with IPX6 water resistance; For sound coverage in large commercial venues.
Custom Canopy Printing	Vivid, weather-resistant prints of logos and artwork; Local cultural motifs can also be incorporated.
Custom Pole Design	Customize pole shape, pattern, material and color to match your brand identity.

Case Study



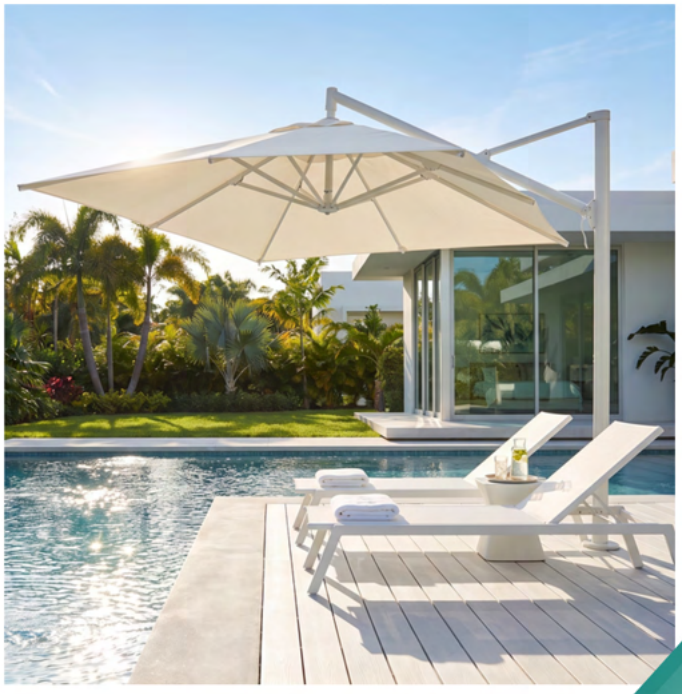
Inverted Umbrella



Inverted Umbrella



Standard Umbrella



Standard Umbrella

Why Choose All Leader





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