

LUMOS

MADE IN
USA
★ ★ ★



SolarScapes Fusion

Modular solar structures that provide shade & power.



System Overview

SolarScapes are modular solar structures made from powder coated steel with virtually infinite configurations to meet the needs of any project.

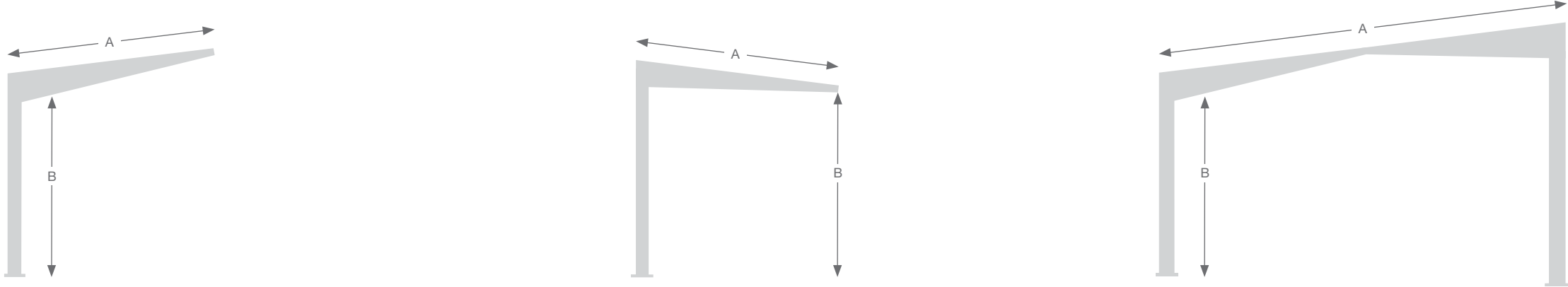
Built with state-of-the-art U.S. manufacturing, **SolarScapes** integrate our frameless Vision Module System and meet the highest snow, wind, hail ratings, giving you unbeatable aesthetics, functionality and durability.

- Meets the highest high wind, snow, and seismic loads
- Powder coated steel construction
- Bolt together assembly with no field welding
- Stamped structural engineering
- Foundation design
- Permit package

Structural Configurations

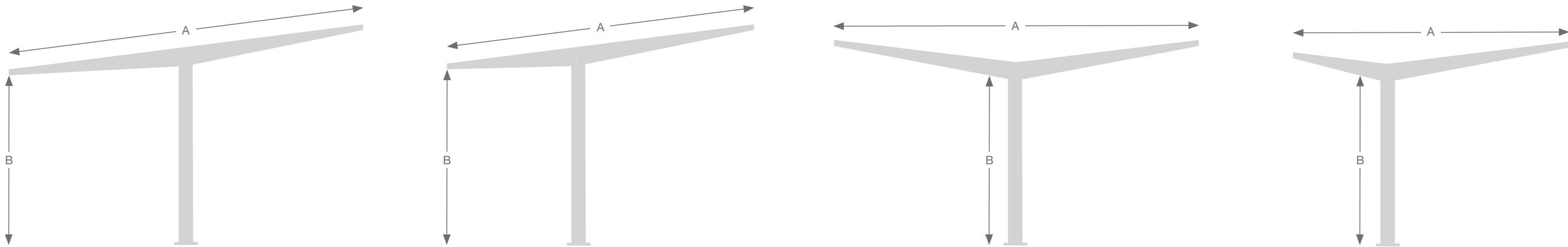
With seven primary pre-engineered shapes, a range of column spacing options and cantilever span capabilities, **SolarScapes** have you covered.

- Standard column spacing up to 20'. Longer spans can be accommodated depending on location.
- Standard 7° Tilt on all **SolarScape** structures.



MODEL	LS	HS	DS
S Type Maximum Modules Deep (A)	4	4	10
L Type Maximum Modules Deep* (A)	3	3	10
Standard Low Side Clearance (B)	8'	8'	8'
Tall Low Side Clearance (B)	14'	14'	14'

**Depends on L Type Module type used*



MODEL	TS	OTS	VS	OVS
S Type Maximum Modules Deep (A)	7	6	7	7
L Type Maximum Modules Deep* (A)	6	6	6	6
Standard Low Side Clearance (B)	8'	8'	8'	8'
Tall Low Side Clearance (B)	14'	14'	14'	14'

**Depends on L Type Module type used*

Mechanical Specifications

Use the table below to determine which structure type will provide the desired coverage for your project.

VISION S	MODULES DEEP	ARRAY DEPTH	ARRAY WIDTH	LS	HS	DS	TS	VS	OTS	OVS
	1	5' - 10" 7/8	Unlimited	X	X	X	X			
	2	11' - 9" 3/4	Unlimited	X	X	X	X	X		
	3	17' - 8" 3/4	Unlimited	X	X	X	X		X	X
	4	23' - 7" 3/4	Unlimited	X	X	X	X	X	X	X
	5	29' - 6" 3/4	Unlimited			X	X		X	X
	6	35' - 5" 3/4	Unlimited			X	X	X	X	X
	7	41' - 4" 3/4	Unlimited			X	X		X	X
	8	47' - 3" 3/4	Unlimited			X	X	X		
	9	53' - 2" 3/4	Unlimited			X				
	10	59' - 1" 3/4	Unlimited			X				
VISION L										
	1	7' - 0" 1/8	Unlimited	X	X	X	X			
	2	14' - 0" 1/4	Unlimited	X	X	X	X	X		
	3	21' - 0" 1/2	Unlimited	X	X	X	X		X	X
	4	28' - 0" 2/3	Unlimited			X	X	X	X	X
	5	35' - 1"	Unlimited			X	X		X	X
	6	42' - 1" 1/4	Unlimited			X	X	X		
	7	49' - 1" 1/2	Unlimited			X	X			
	8	56' - 1" 3/4	Unlimited			X	X			
	9	56' - 1" 3/4	Unlimited			X				
	10	70' - 2" 1/4	Unlimited			X				

System Details

SolarScapes are precision fabricated structures that are built to last and look and work great for many years.

CONSTRUCTION



- All components CNC milled for precision fit
- All hardware is ultra-corrosion-resistant
- All welding completed per AWS D1.1
- All welds third party inspected

CUSTOMIZATION



- SolarScapes are primed and powder coated with a minimum coating thickness of 5mil and a maximum of 10mil
- Coatings tested per ASTM D3451 guidelines
- Over 50 standard super durable powder coat color options. Custom color match is also available.

LIGHTING



- Outdoor rated LED lighting option
- Project specific photometric analysis and lighting engineering