

# SolarScapes Long Span

Efficient space frame design to maximize spans between foundations.

## FEATURES & BENEFITS

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### SUPER DURABLE

- Meet the highest wind, snow and seismic loads
- Concealed conductors
- Powder coated steel construction

### EASY INSTALLATION

- Bolt together installation
- No field welding

### ULTIMATELY CONFIGURABLE

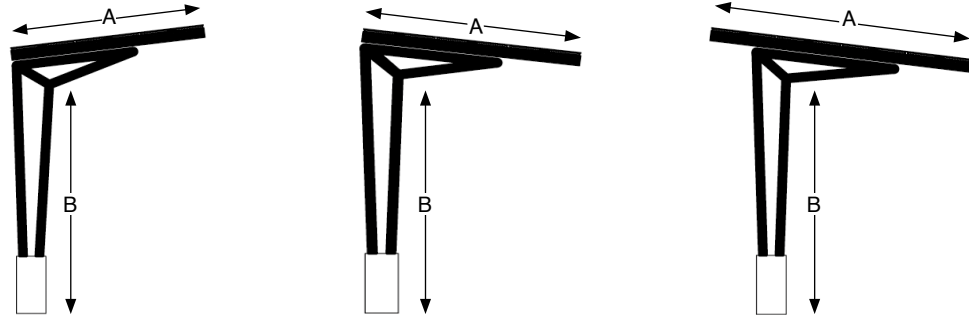
- Straight or curved structures
- Unlimited color options
- Integrated LED lighting options

### TURN KEY PACKAGE

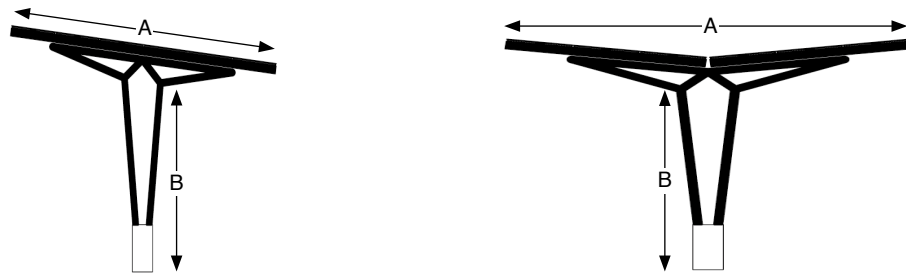
- Wet stamped engineering
- Permit package
- Foundation design



## STRUCTURE CONFIGURATIONS



Model	LS	HS	OTS
LSX Maximum Modules Deep (A)	6	6	10
GSX Maximum Modules Deep* (A)	6	6	10
Standard Low Side Clearance (B)	8'	8'	8'
Tall Low Side Clearance (B)	14'	14'	14'



Model	TS	VS
LSX Maximum Modules Deep (A)	12	12
GSX Maximum Modules Deep* (A)	12	12
Standard Low Side Clearance (B)	8'	8'
Tall Low Side Clearance (B)	14'	14'

## GENERAL NOTES

- Long Span Structures only available in steel
- Standard column spacing up to 50'. Longer spans can be accommodated depending on location.
- Standard 7° Tilt on all SolarScape structures.
- Typical kW capacity per parking space based on 9' x 20' space:
  - LSX 2.56kW
  - GSX 2.4kW - 3.6kW\*

\* Depends on GSX module type used

## MECHANICAL SPECIFICATIONS

### LSX SolarScape Long Span

Modules Deep	Array Depth ft - in	Array Width ft - in	LS	HS	XTS	VS	OTS
1	3' 4 15/16"	Unlimited	X	X	X		
2	6' 10 1/8"	Unlimited	X	X	X	X	
3	10' 3 5/16"	Unlimited	X	X	X		X
4	13' 8 1/2"	Unlimited	X	X	X	X	X
5	17' 1 3/4"	Unlimited	X	X	X		X
6	20' 6 15/16"	Unlimited	X	X	X	X	X
7	24' 1/8"	Unlimited			X		X
8	27' 5 5/16"	Unlimited			X	X	X
9	30' 10 1/2"	Unlimited			X		X
10	34' 3 11/16"	Unlimited			X	X	X
11	36' 3 9/16"	Unlimited			X		X
12	39' 7 3/16"	Unlimited			X	X	X

### GSX SolarScape Long Span

Modules Deep	Array Depth* ft-in	Array Width ft-in	LS	HS	TS	VS	OTS
1	3' 3 3/8"	Unlimited	X	X	X		
2	6' 7"	Unlimited	X	X	X	X	
3	9' 10 5/8"	Unlimited	X	X	X		X
4	13' 2 1/4"	Unlimited	X	X	X	X	X
5	16' 5 7/8"	Unlimited	X	X	X		X
6	19' 9 1/2"	Unlimited	X	X	X	X	X
7	23' 1 1/16"	Unlimited			X		X
8	26' 4 11/16"	Unlimited			X	X	X
9	29' 8 5/16"	Unlimited			X		X
10	32' 11 15/16"	Unlimited			X	X	X
11	36' 3 9/16"	Unlimited			X		X
12	39' 7 3/16"	Unlimited			X	X	X

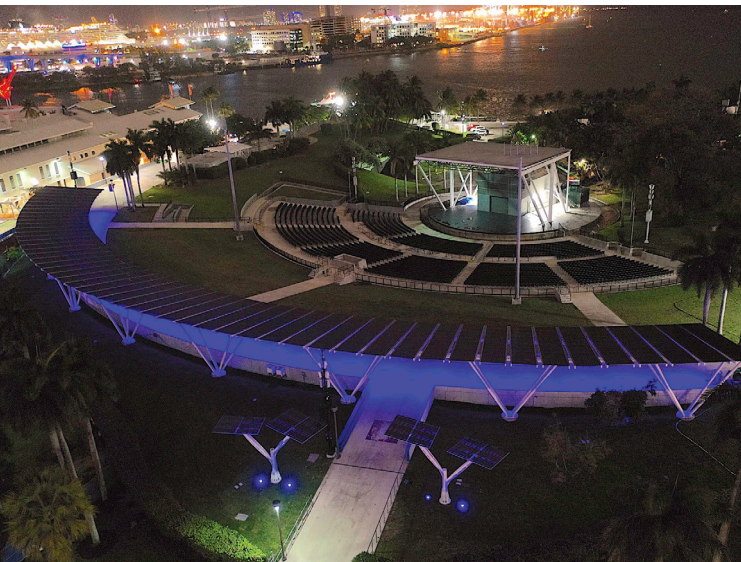
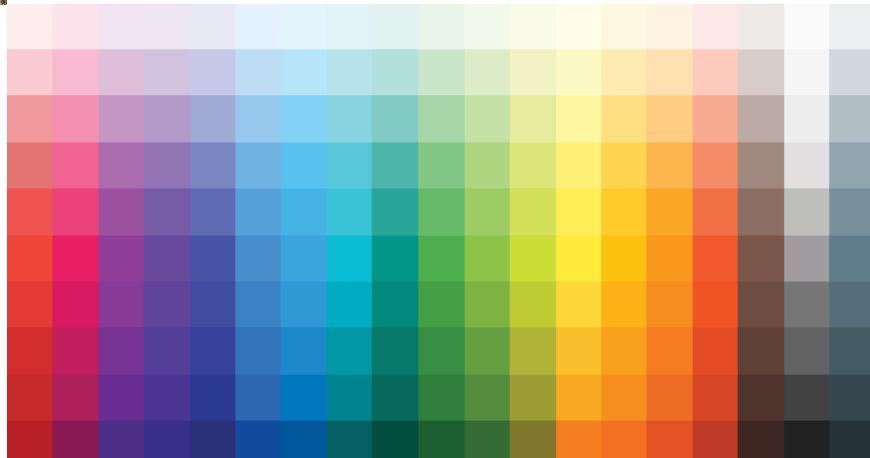
\* Dimensions shown are array extents based on a 7° tilt. GSX dimensions are based on 72 Series Modules

## SYSTEM DETAILS



- Long Span Structures produced from steel
- All components CNC milled for precision fit
- All welding completed per AWS D1 or D1.2

- SolarScapes are primed and powder coated with a minimum coating thickness of 5mil and a maximum of 10mil
- Coatings tested per ASTM D3451 guidelines
- Unlimited powder coat color options



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

**U.S. Patents D836,540 S, D844,552 S, D844,553 S, D844,554 S**



**Made in the USA**