

## PARASOLEIL DATA SHEET

# Lunar Screen System

Turnkey commercial-grade, all-aluminum screen system featuring ventilated panel inserts, new extruded posts with mechanically fastened base plates, and corrosion-resistant hardware. This pre-engineered, artful solution delivers higher performance ratings, improved durability, and reduced lead times—streamlined for specification and installation.

## Screen System Components

### PATTERNED PANELS

- 100+ artistic pattern options to meet design intent
- Ventilated metal inserts – 5000 Series aluminum alloy
- Thickness choice depends on site conditions and span
- Performance-rating determined by panel size and wind speed

### FINISH

- Corrosion-resistant architectural grade component finish options
- AAMA 2604 powder coats
- Panel Options: multiple powder coat finishes over base coat zinc primer
- Structure Options: Graftone, Dark Ash, or Cast Iron powder coat

### STRUCTURE

- 6000 series extruded aluminum post assembly
- Post spacing based on pattern insert openness and thickness
- Easy install—no welding, cutting, or finishing in the field

### CUSTOM OPTIONS – Available for an additional charge

- High wind solutions, 49"-60" wide panels
- P.E. stamped calculations
- Custom patterns and finishes
- AAMA 2605 powder coat finishes

### PRODUCT EXCLUSIONS – Available through third-party suppliers

- Anchor bolts to attach base plate to concrete footing
- Concrete footing design and engineering
- Site verification, field measurements
- Installation



# Parasoleil

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# Lunar Screen System Options

	LUNAR72X	LUNAR96X	LUNAR120X
<b>PANEL*</b>			
5000 SERIES AL	X	X	X
1/8"	X		
3/16"	Recommended in most cases*		
1/4"		X	X
<b>PANEL ATTACHMENT</b>			
Face Mount	PDH Drill Screws 8" O.C. Max.	PDH Drill Screws 8" O.C. Max.	PDH Drill Screws 8" O.C. Max.
Inset Mount	PBI Hardware 24" O.C. Max.	PBI Hardware 24" O.C. Max.	PBI Hardware 24" O.C. Max.
<b>EXTRUDED POST STRUCTURE</b>			
6000 Series Extruded AL	X	X	X
Post Height Abv. Grade	Up to 75"	75" - 99"	99"-123"
Post Size	3" x 3"	4" x 4"	5" x 5"
<b>BASE PLATE (mechanically fastened)</b>			
Deck Mount Base Plate Size**	8"x8"	9"x9"	11"x11"
Base Plate Spacer	HDPE -Blk.	HDPE -Blk.	HDPE -Blk.
<b>PERFORMANCE RATING</b>			
3/16" Thick x 48" Wide Panel*	31 PSF	31 PSF	31 PSF***

\*Consult Parasoleil for product specific panel thickness recommendations.

\*\*Embedded posts installed without base plates are available up to 120" in length. Fascia mount installation option is also available.

\*\*\*Lunar 120 5x5 post with 99" height above grade has an adjusted Performance Rating of up to 60 PSF. Contact Parasoleil for details.

NOTE: Specify posts for middle or end condition.

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