



PARASOLEIL DATA SHEET

Lunar Screen System

Turnkey commercial grade, all aluminum screen system including ventilated panel inserts, posts, and corrosion resistant hardware. Aesthetically driven performance-rated design offers an artful, durable solution for ease of specification and installation.

Screen System Components

PATTERNED PANELS

- 70+ artistic pattern options to meet design intent
- Ventilated metal inserts – 5052 H32 aluminum alloy
- Thickness choice depends on environment and size
- Performance-rating determined by panel size and wind speed

FINISH

- Corrosion-resistant architectural grade component finish options
- AAMA 2504 & AAMA 2605 powder coats
- Panel Options: powder coat over a base coat zinc primer or clear anodized finish
- Structure Options: Graftone, Dark Ash, or Cast Iron powder coat or clear anodized

STRUCTURE

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

CUSTOM OPTIONS – Available for an additional fee

- High wind solutions, 49"-60" wide panels
- P.E. stamped calculations
- Custom size configurations, patterns, and finish options

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

	LUNAR48	LUNAR72	LUNAR96
PANEL*			
5052 H32 AL	X	X	X
1/8"	X		
3/16"	Recommended in most cases*		
1/4"		X	X
PANEL ATTACHMENT*			
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 Hardwar 24" O.C. Max.	PBI Hardware 24" O.C. Max.	PBI Hardware 24" O.C. Max.
STRUCTURE			
6000 Series Extruded AL	X	X	X
Post Height Abv. Grade	Up to 48"	49 to 72"	73 to 96"
Post Size	3" x 3"	3" x 3"	4" x 4"
BASE PLATE			
Deck Mount	6.25" SQ.	6.25" SQ.	7.25" SQ.
Fascia Mount	8" SQ.	8" SQ.	10" SQ.
Embed Post	NA	NA	NA
PERFORMANCE RATING			
3/16" Thick x 48" Wide Panel*	39.0 PSF (ASD)	31.3 PSF (ASD)	26.3 PSF (ASD)

*Consult Parasoleil for product specific panel thickness recommendations

NOTE: Specify posts for middle or end condition

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