

Maximum Span and Loading Capacity of Standard Pre-Engineered Sunshade Configurations

Combined load represents the sum of all loads acting perpendicular to the sunshade blades such as wind, snow, ice, and all load surcharges as appropriate for the project location. Charts have been adjusted to account for the dead load of the blades and outriggers.

Calculated values are based on Allowable Stress Design (ASD) or allowable deflection of L/120.

Charts only represent load capacity of outriggers and sunshade blades. Framing members and frame anchors must be validated separately from these charts.

Charts are valid for 18601 (round), 18602 (airfoil), 18603 (square), and 18604 (wave) style louver blades.

These charts represent standardized pre-engineered configurations. It may be possible to exceed limits shown, but these circumstances must be engineered on a job specific basis.

Customization of standard systems are possible, including custom outriggers and louver blades. Contact Manko Window Systems, Inc. for more details and information.

