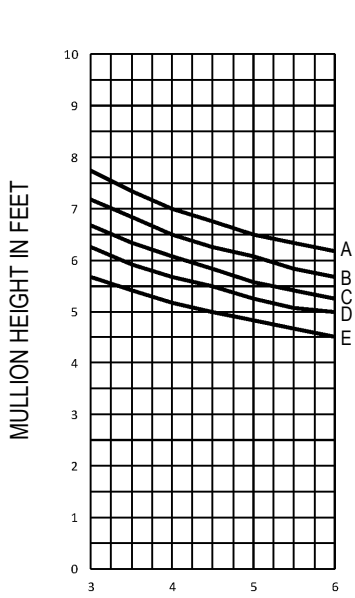


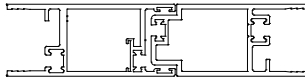
Windload Charts | ULT5920 Series

A = 16 P.S.F. (766 Pa) Description: Sliding Doors
 B = 20 P.S.F. (958 Pa) Function: Entrances
 C = 25 P.S.F. (1197 Pa) Detail: Design Criteria
 D = 30 P.S.F. (1436 Pa) Scale: N.T.S.
 E = 40 P.S.F. (1915 Pa)

SHEET 1 OF 3

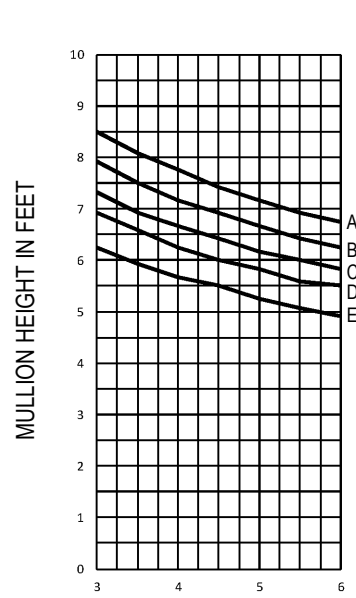


$I = 0.734 \text{ IN}^4$
 $S_1 = 0.521 \text{ IN}^3$ $S_2 = 0.448 \text{ IN}^3$

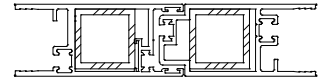


MULLION SPACING IN FEET

5000931 / 5000933



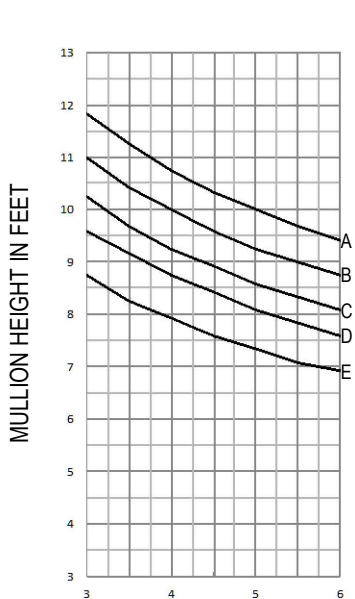
$I = 0.974 \text{ IN}^4$



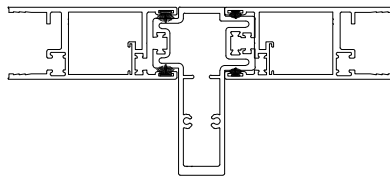
MULLION SPACING IN FEET

05000931 / 05000933 WITH ALUM. TUBE
1 1/4" X 1 1/4" X 1/8"

- Mullions are assumed to be single span, simple beam elements, uniformly loaded and adequately braced to prevent lateral-torsional buckling. All other complex design conditions shall be reviewed by Arcadia or a design professional.
- Aluminum extrusions shall be 6063-T6 alloy. Allowable stresses to be derived per Aluminum Design Manual. Deflection limitation of mullions shall be in accordance with AAMA TIR-A11 of L/175 for spans up to 13'-6" and L/240 + 1/4" for all others where L is equal to the span of mullion.
- A design professional shall be consulted to confirm that no lite of glass deflects more than H/175 or 3/4", whichever is less, where H indicates the height of glass.
- For mullions containing steel reinforcement, the reinforcement is assumed to be installed for the full length of the mullion. A design professional shall be consulted for instances where steel reinforcement is installed for a partial length of the mullion span.
- Windload pressure determinations shall be per ASCE 7 and according to local governing codes. A professional engineer shall be consulted for the most current laws and local building codes.
- Selection of perimeter fasteners and attachment of glazing system to building structure are project specific and therefore shall be reviewed and determined by a design professional.
- Arcadia assumes no responsibility for selecting the appropriate systems for specific projects.

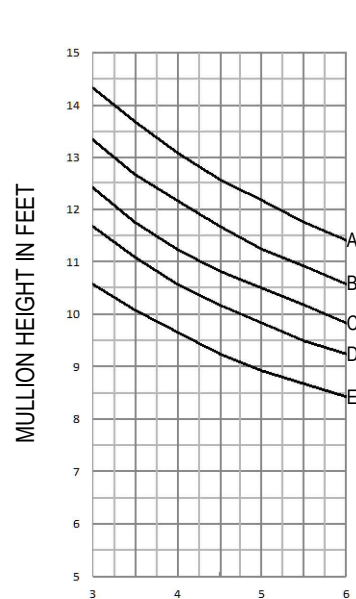


$I = 2.630 \text{ IN}^4$
 $S_1 = 0.533 \text{ IN}^3$ $S_2 = 0.924 \text{ IN}^3$
 $S_3 = 0.533 \text{ IN}^3$

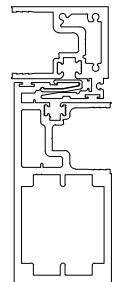


MULLION SPACING IN FEET

5000931 / 5000934



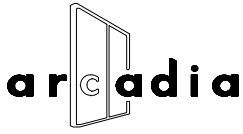
$I = 4.703 \text{ IN}^4$
 $S_1 = 1.952 \text{ IN}^3$ $S_2 = 0.466 \text{ IN}^3$



MULLION SPACING IN FEET

5000932 / 5920935

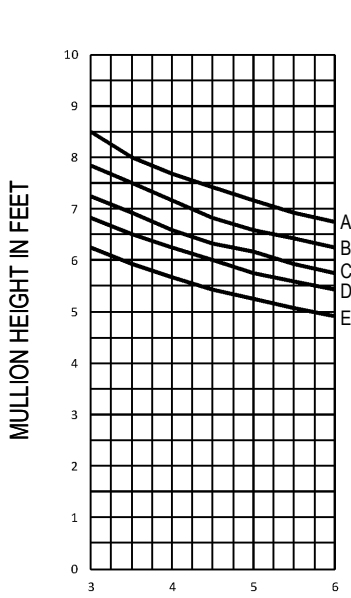
Consult Your Local Arcadia Representative For Special Applications Not Covered By These Curves.



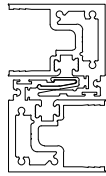
Windload Charts | ULT5920 Series

A = 16 P.S.F. (766 Pa) Description: Sliding Doors
 B = 20 P.S.F. (958 Pa) Function: Entrances
 C = 25 P.S.F. (1197 Pa) Detail: Design Criteria
 D = 30 P.S.F. (1436 Pa) Scale: N.T.S.
 E = 40 P.S.F. (1915 Pa)

SHEET 2 OF 3

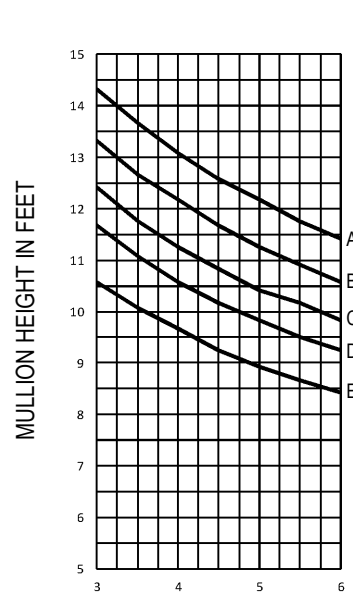


$I = 0.960 \text{ IN}^4$
 $S_1 = 0.466 \text{ IN}^3$ $S_2 = 0.466 \text{ IN}^3$

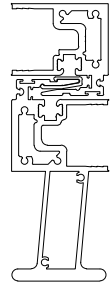


MULLION SPACING IN FEET

5000932 / 5000932



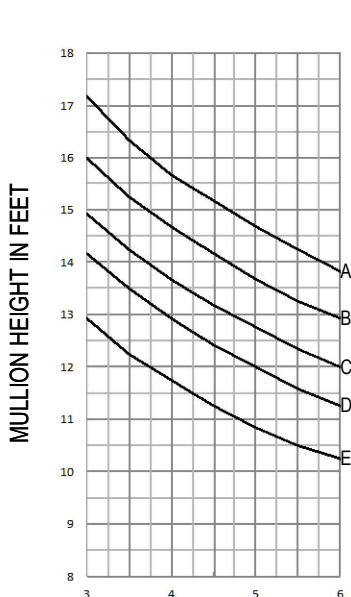
$I = 4.700 \text{ IN}^4$
 $S_1 = 2.008 \text{ IN}^3$ $S_2 = 0.466 \text{ IN}^3$



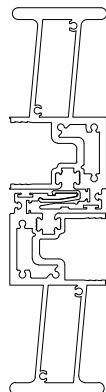
MULLION SPACING IN FEET

5000932 / 5000935

- Mullions are assumed to be single span, simple beam elements, uniformly loaded and adequately braced to prevent lateral-torsional buckling. All other complex design conditions shall be reviewed by Arcadia or a design professional.
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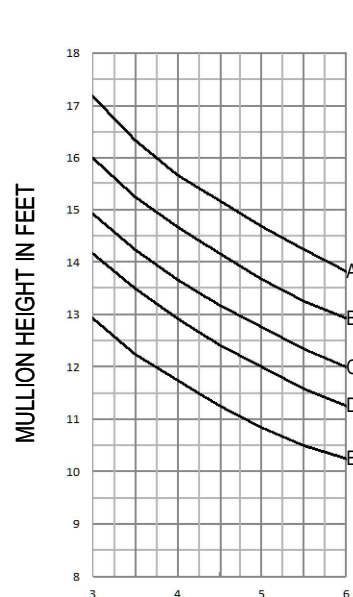


$I = 8.438 \text{ IN}^4$
 $S_1 = 2.007 \text{ IN}^3$ $S_2 = 2.007 \text{ IN}^3$

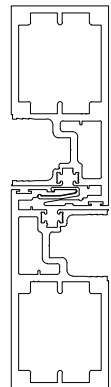


MULLION SPACING IN FEET

5000935 / 5000935



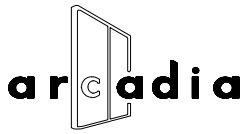
$I = 8.446 \text{ IN}^4$
 $S_1 = 1.952 \text{ IN}^3$ $S_2 = 1.952 \text{ IN}^3$



MULLION SPACING IN FEET

5920935 / 5920935

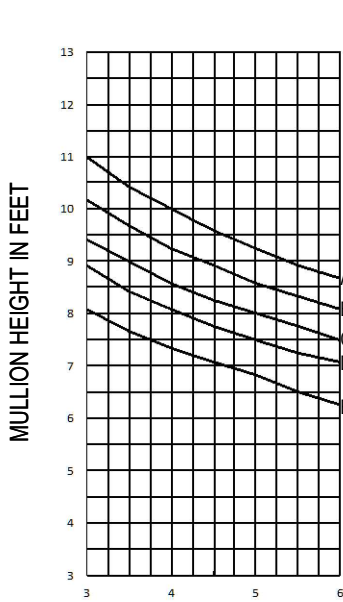
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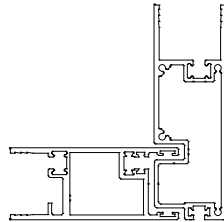
Windload Charts | ULT5920 Series

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 E = 40 P.S.F. (1915 Pa)

SHEET 3 OF 3



$I = 2.082 \text{ IN}^4$
 $S_1 = 0.403 \text{ IN}^3$ $S_2 = 0.612 \text{ IN}^3$



MULLION SPACING IN FEET

5000931CT / 5000931R15

- Mullions are assumed to be single span, simple beam elements, uniformly loaded and adequately braced to prevent lateral-torsional buckling. All other complex design conditions shall be reviewed by Arcadia or a design professional.
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