



Windload Charts | AF600+ Series

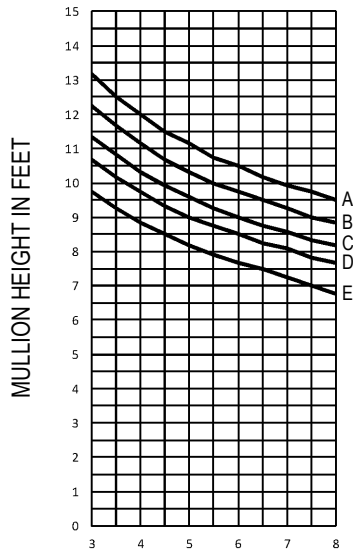
A = 16 P.S.F. (766 Pa)
B = 20 P.S.F. (958 Pa)
C = 25 P.S.F. (1197 Pa)
D = 30 P.S.F. (1436 Pa)
E = 40 P.S.F. (1915 Pa)

Description: 2" X 6" Offset Glazed For 3/8", 1/2", 9/16"
Function: Window Wall
Detail: Design Criteria
Scale: N.T.S.

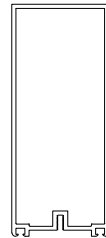
SHEET 1 OF 2

$$I = 3.622 \text{ IN}^4$$

$$S = 1.482 \text{ IN}^3$$

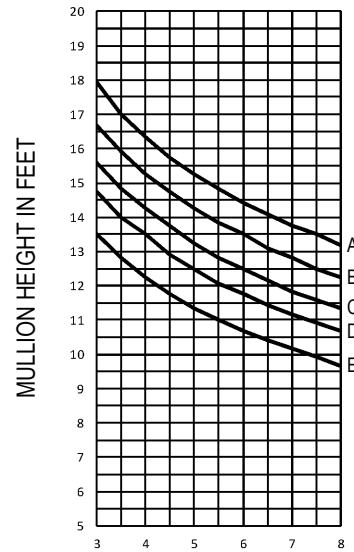


MULLION SPACING IN FEET

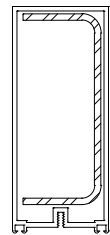


SM8655

$$I = 9.620 \text{ IN}^4$$



MULLION SPACING IN FEET

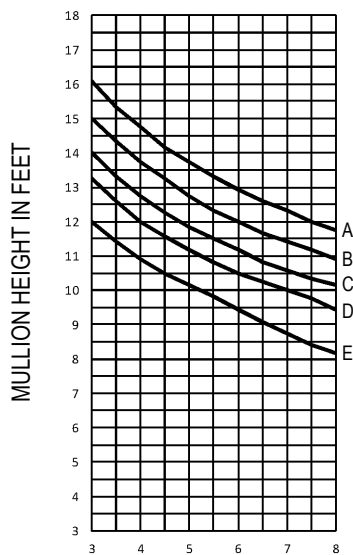


SM8655 WITH
STEEL REINFORCEMENT
1 5/8" X 4" X 10 GA.

- 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.

$$I = 6.838 \text{ IN}^4$$

$$S = 2.154 \text{ IN}^3$$

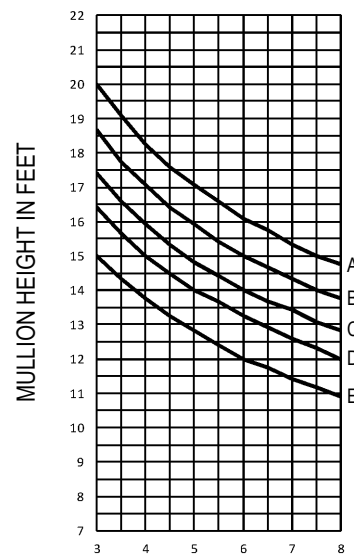


MULLION SPACING IN FEET

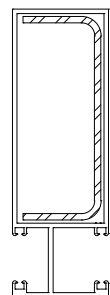


MO8600

$$I = 13.755 \text{ IN}^4$$



MULLION SPACING IN FEET



MO8600 WITH
STEEL REINFORCEMENT
1 5/8" X 4 1/4" X 10 GA.

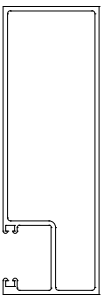
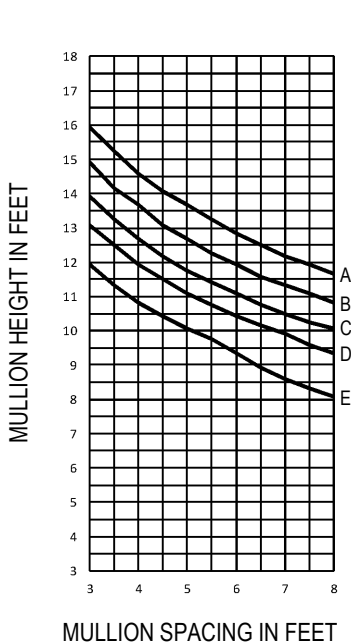
Consult Your Local Arcadia Representative For Special Applications Not Covered By These Curves.



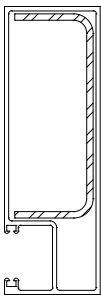
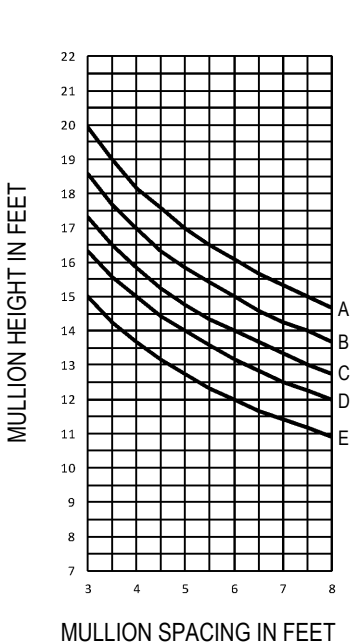
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SHEET 2 OF 2



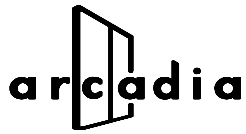
DJM8660



DJM8660 WITH
STEEL REINFORCEMENT
1 5/8" X 4 1/4" X 10 GA.

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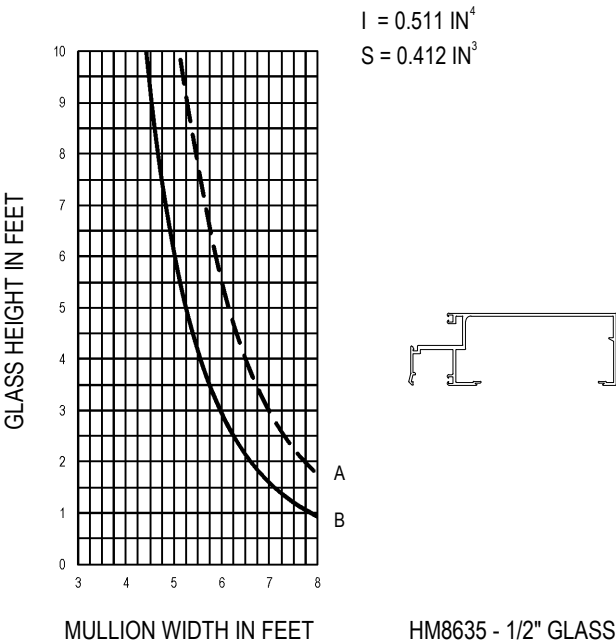
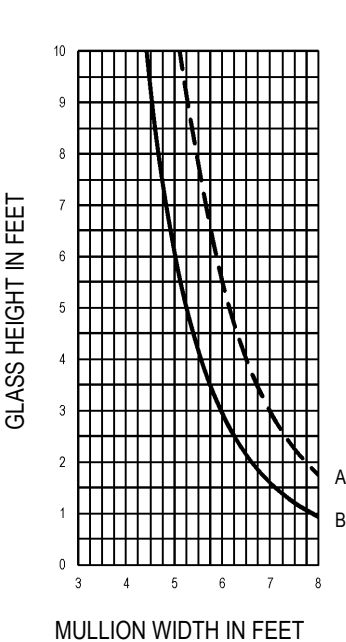


Deadload Charts | AF600+ Series

Deadload Charts for 3/8" Glass (4.88 PSF)
1/2" Glass (6.50 PSF)
9/16" Glass (6.83 PSF)

Description: 2" X 6" Offset Glazed For 3/8", 1/2", 9/16"
Function: Window Wall
Detail: Design Criteria
Scale: N.T.S.

SHEET 1 OF 1



CURVE REPRESENTATION
A (----) = 1/8" PTS.
B (—) = 1/4" PTS.

