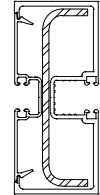
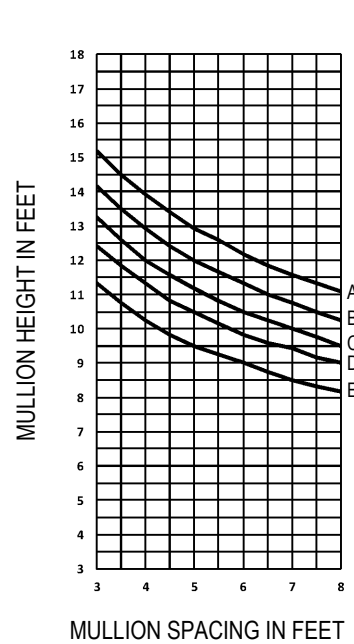
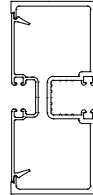
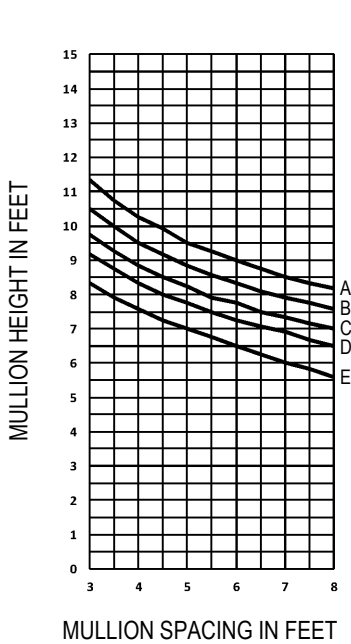


# Windload Charts | A400 Series

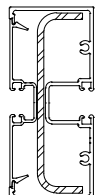
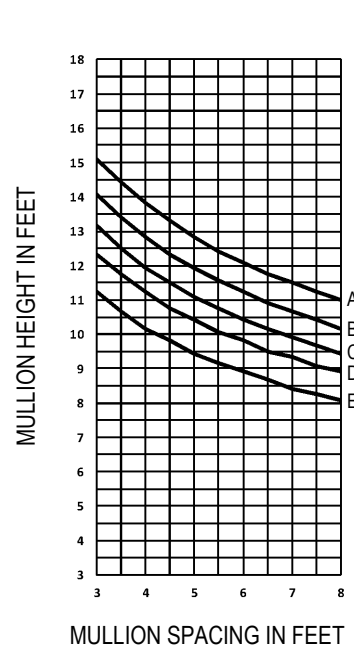
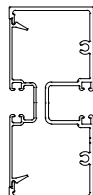
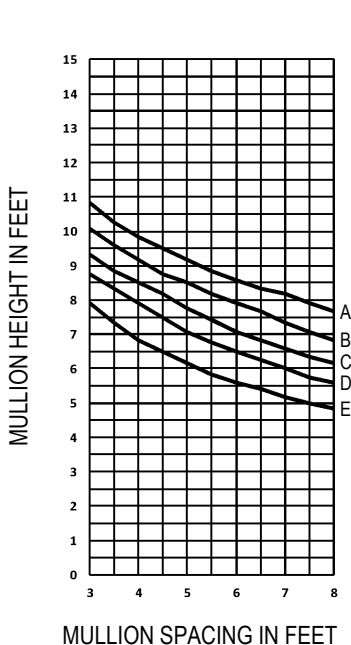
A = 16 P.S.F. (766 Pa)  
B = 20 P.S.F. (958 Pa)  
C = 25 P.S.F. (1197 Pa)  
D = 30 P.S.F. (1436 Pa)  
E = 40 P.S.F. (1915 Pa)

Description: 1 3/4" X 4" Center Glazed for 1/4" Glass  
Function: Storefront  
Detail: Design Criteria  
Scale: N.T.S.

SHEET 1 OF 4



- 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.
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- 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.



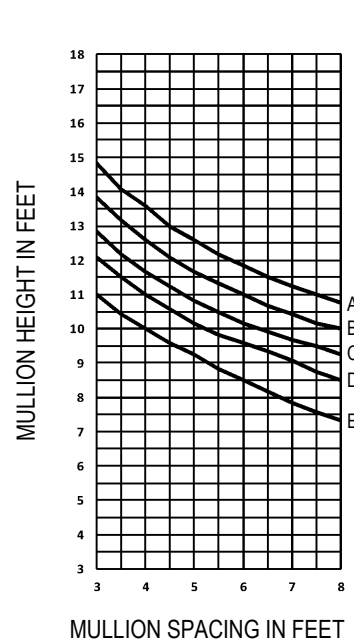
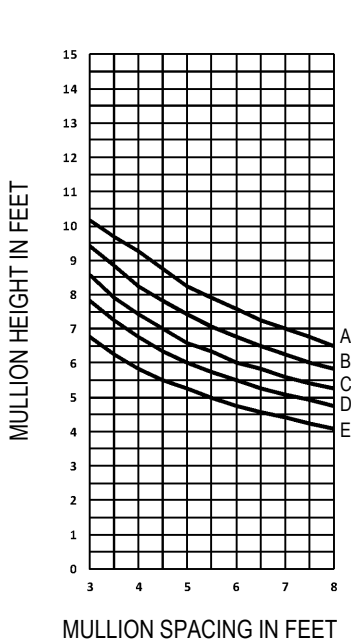
Consult Your Local Arcadia Representative For Special Applications Not Covered By These Curves.



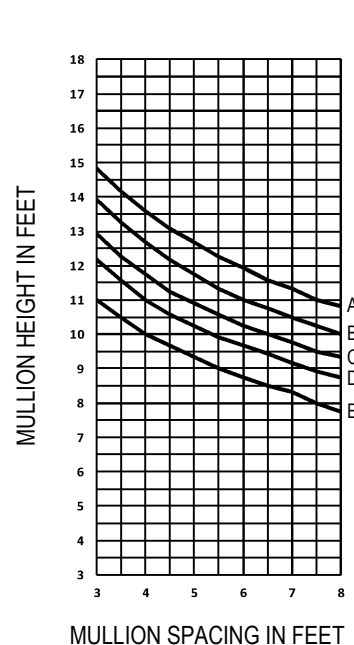
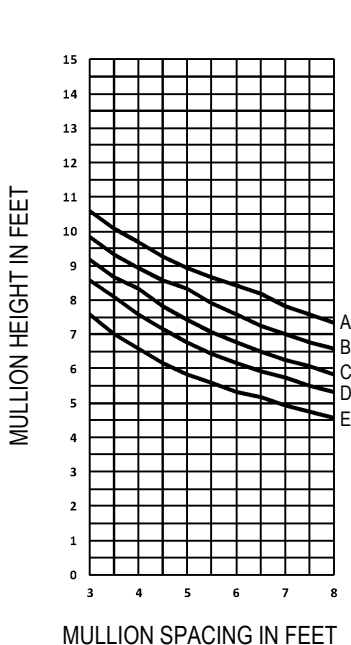
# Windload Charts | A400 Series

A = 16 P.S.F. (766 Pa) Description: 1 3/4" X 4" Center Glazed for 1/4" Glass  
 B = 20 P.S.F. (958 Pa) Function: Storefront  
 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 4



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

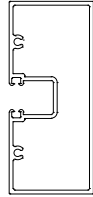
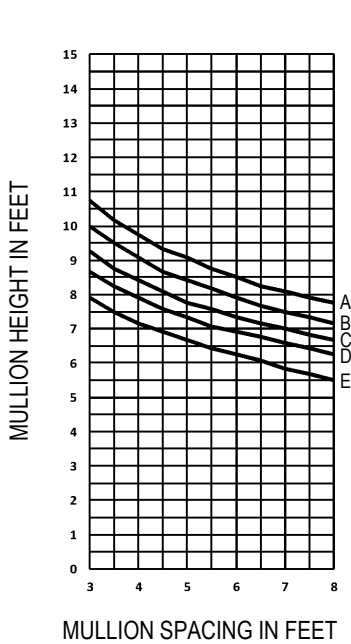


# Windload Charts | A400 Series

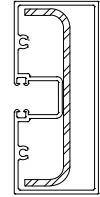
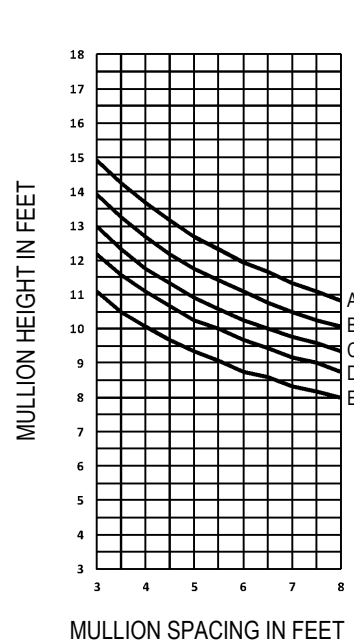
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B = 20 P.S.F. (958 Pa)  
C = 25 P.S.F. (1197 Pa)  
D = 30 P.S.F. (1436 Pa)  
E = 40 P.S.F. (1915 Pa)

Description: 1 3/4" X 4" Center Glazed for 1/4" Glass  
Function: Storefront  
Detail: Design Criteria  
Scale: N.T.S.

SHEET 3 OF 4

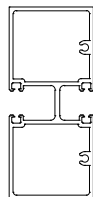
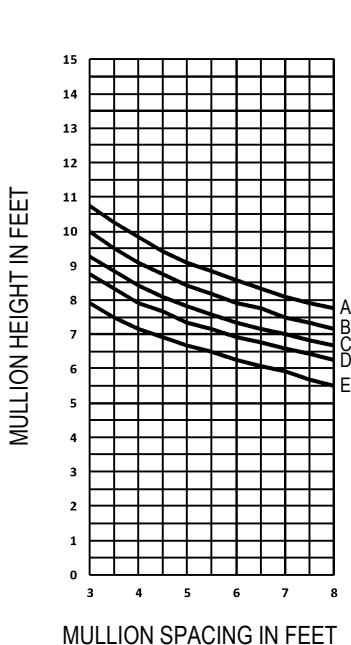


DJM101

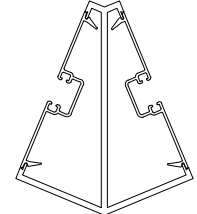
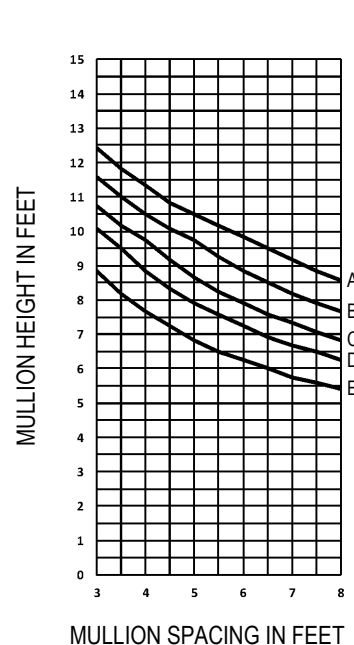


DJM101 WITH  
STEEL REINFORCEMENT  
1" X 3 11/16" X 10 GA.

- 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.
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M105



C135 / GF100

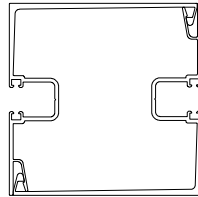
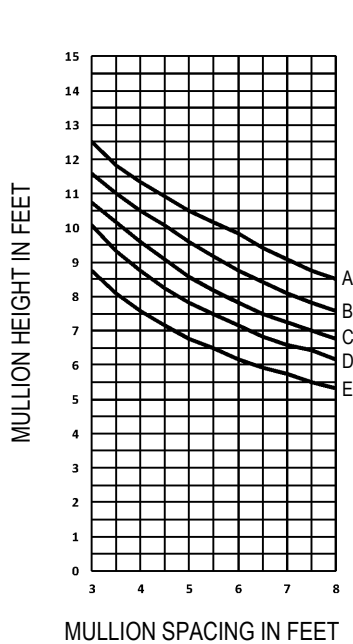
Consult Your Local Arcadia Representative For Special Applications Not Covered By These Curves.



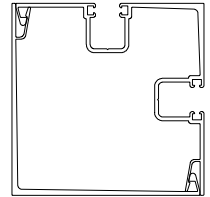
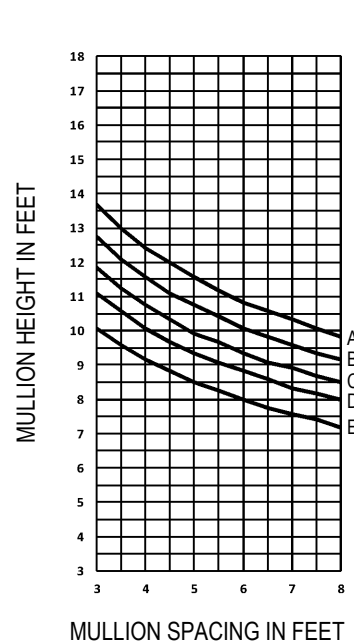
# Windload Charts | A400 Series

A = 16 P.S.F. (766 Pa) Description: 1 3/4" X 4" Center Glazed for 1/4" Glass  
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 D = 30 P.S.F. (1436 Pa) Scale: N.T.S.  
 E = 40 P.S.F. (1915 Pa)

SHEET 4 OF 4

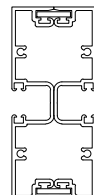
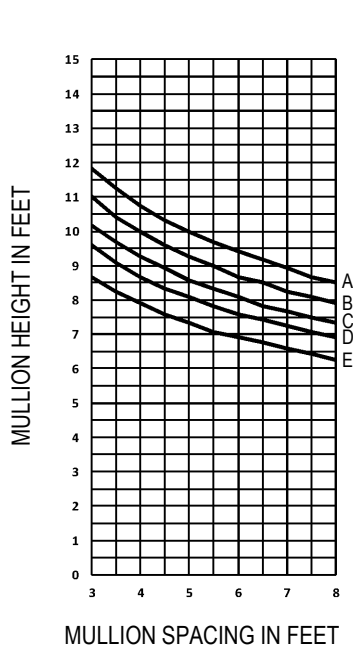


CT110 / CT110



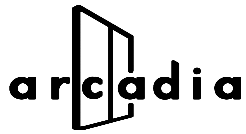
CT111 / CT109

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(2) M-109

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



# Deadload Charts | A400 Series

Description: 1 3/4" X 4" Center Glazed for 1/4" Glass

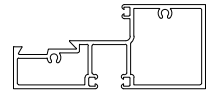
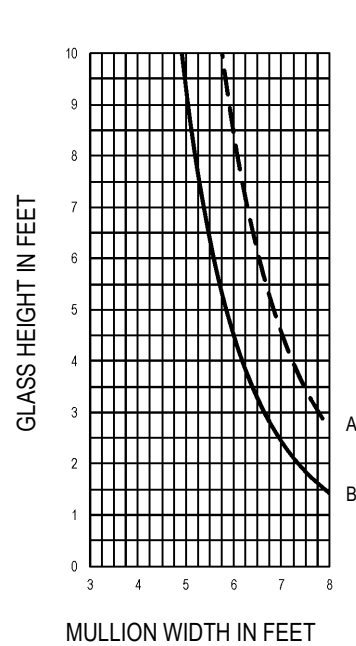
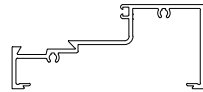
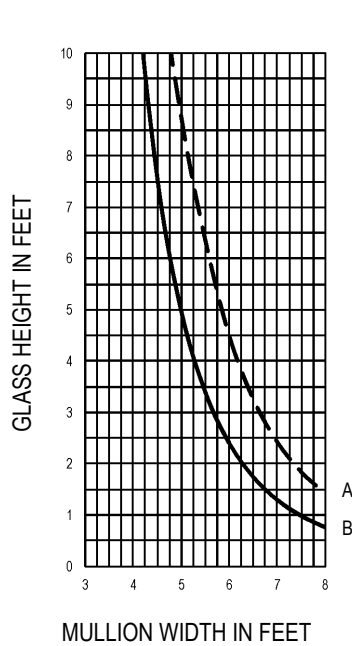
Function: Storefront

Detail: Design Criteria

Scale: N.T.S.

Deadload Charts for 1/4" Glass (3.25 PSF)

SHEET 1 OF 1



## CURVE REPRESENTATION

A (----) = 1/8" PTS.

B (—) = 1/4" PTS.

