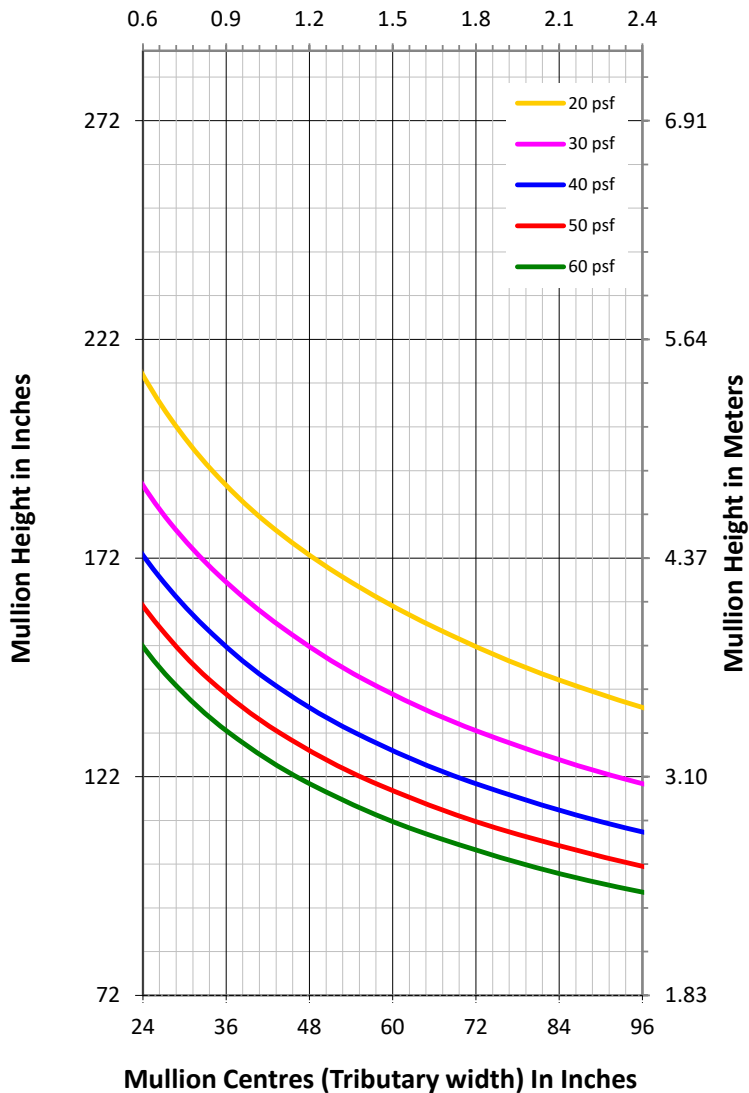


## SPAN CHART

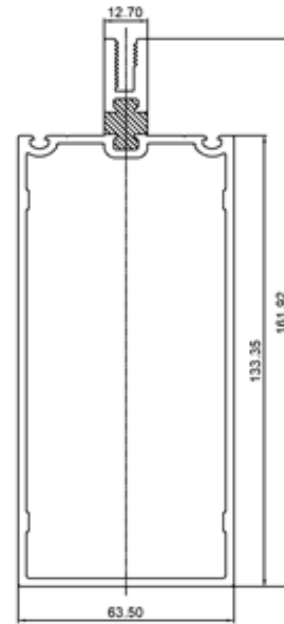
SPAN CHART IS FOR ESTIMATION ONLY.  
DO NOT UTILIZE FOR DETAILED DESIGN.  
CHART IS BASED ON DEFLECTION ANALYSIS  
ONLY

Mullion Centres (Tributary width) In Meters



Mullion Centres (Tributary width) In Inches

## MULLION SECTION



## SYSTEM PROPERTIES

### Moment of Inertia, Section Modulus & Area

|                             |                                                 |
|-----------------------------|-------------------------------------------------|
| Moment of Inertia, $I_{xx}$ | $I_{xx} = 7.96 \text{ in}^4 (331 \text{ cm}^4)$ |
| Section Modulus, $S_{xx}$   | $S_{xx} = 2.48 \text{ in}^3 (40 \text{ cm}^3)$  |
| Total Area                  | $A = 1.79 \text{ in}^2 (11.5 \text{ cm}^2)$     |

### Modulus of Elasticity

|          |                |
|----------|----------------|
| Aluminum | 10,000,000 PSI |
| Steel    | 29,000,000 PSI |

## GENERAL NOTES

1. Deflection Limit:  $L/175$  for spans not exceeding 13.5ft.
2. Deflection Limit:  $L/240 + 0.25\text{in}$  for spans over 13.5ft.
3. Assume horizontal members provide lateral support.
4. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent.
5. CANADIAN PROJECTS: Use SLS wind loads or modify the specified wind load by 0.75 before utilizing this chart. i.e. if project specifications require  $p_{net} = 40 \text{ psf}$ , utilize 30 psf on this chart ( $0.75 \times 40 = 30$ ). (Based on NBCC 2020).

CLIENT:



SERIES:

**CW2.5-5.25T SERIES CURTAINWALL**

DRAWING TITLE:

**WIND LOAD CHART FOR 5.25" THERMALLY  
BROKEN MULLION**

DRAWN BY:

**JS**

CHK'D BY:

**IC**

DATE:

**23-FEB-2026**

ENGINEERING BY:



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DWG. NO:

**CW2.5-5.25T**