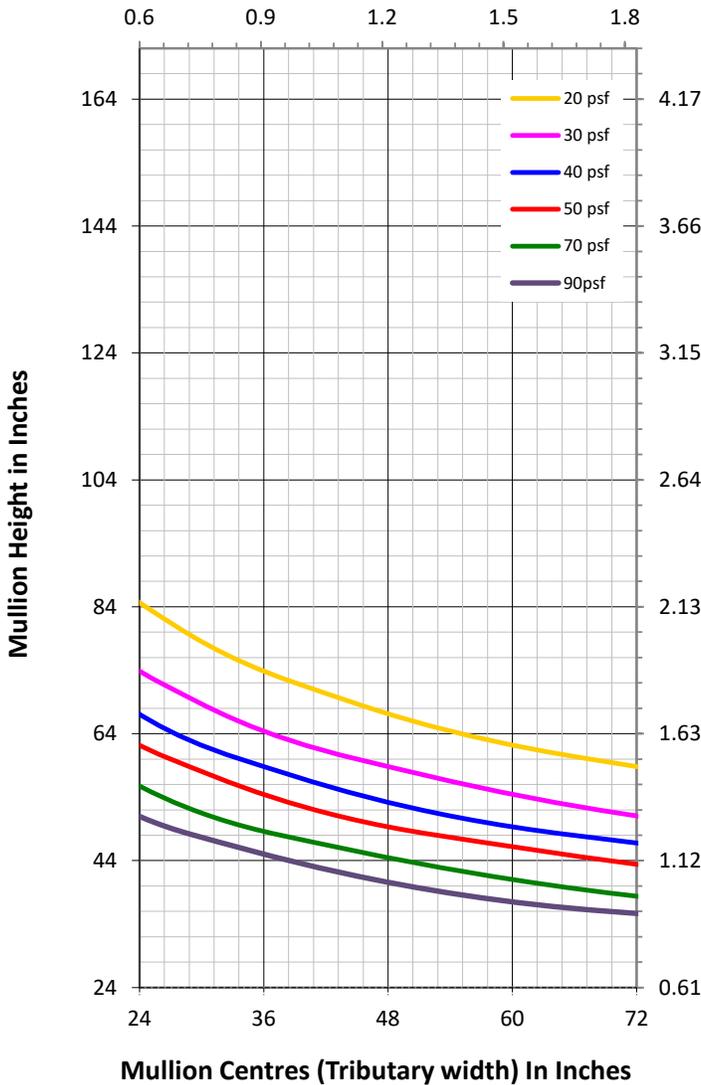


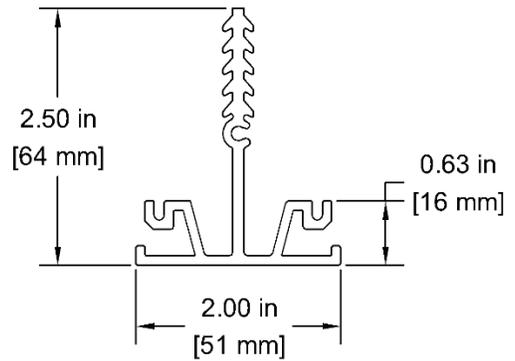
**SPAN CHART**

**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 SECTION**



**SYSTEM PROPERTIES**

**Moment of Inertia, Section Modulus & Area**

Moment of Inertia, $I_{xx}$	$I_{xx} = 0.46 \text{ in}^4$
Section Modulus, $S_{xx}$	$S_{xx} = 0.27 \text{ in}^3$
Total Area	$A = 0.79 \text{ in}^2$

**Modulus of Elasticity**

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

**GENERAL NOTES**

1. Deflection Limit:  $L/175$  up to 13.5ft,  $L/240 + 0.25"$  over 13.5ft
2. Assume horizontal members provide lateral support
3. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent
4. The design pressure (psf) shall be determined using the controlling load combination of dead, wind, live, and snow loads as applicable.

CLIENT:



Head Office:  
19045 - 24th Avenue  
Surrey, B.C. V3Z 3S9  
Tel. (604) 535-5316  
www.metroaluminum.com

SERIES:

**3000 Series Skylight**

DRAWING TITLE:

**WIND LOAD CHART FOR 3025 T-Bar**

DRAWN BY:

**JK**

CHK'D BY:

**JS**

DATE:

**13-Nov-25**

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4  
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

DWG. NO:

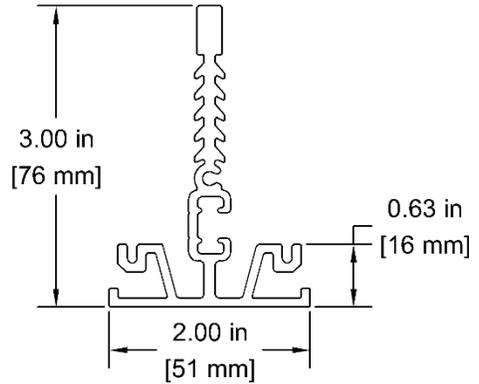
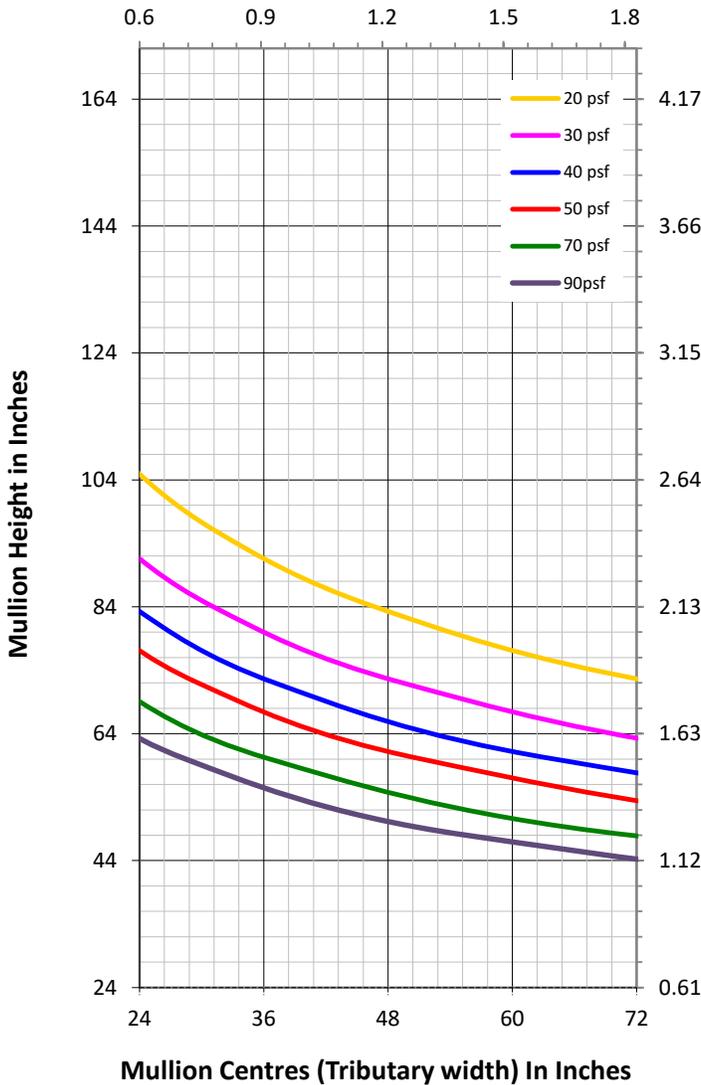
**3025**

**SPAN CHART**

**MULLION SECTION**

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**Mullion Centres (Tributary width) In Meters**



**SYSTEM PROPERTIES**

**Moment of Inertia, Section Modulus & Area**

Moment of Inertia, $I_{xx}$	$I_{xx} = 0.88 \text{ in}^4$
Section Modulus, $S_{xx}$	$S_{xx} = 0.87 \text{ in}^3$
Total Area	$A = 0.97 \text{ in}^2$

**Modulus of Elasticity**

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

**GENERAL NOTES**

1. Deflection Limit:  $L/175$  up to 13.5ft,  $L/240 + 0.25"$  over 13.5ft
2. Assume horizontal members provide lateral support
3. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent
4. The design pressure (psf) shall be determined using the controlling load combination of dead, wind, live, and snow loads as applicable.

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www.metroaluminum.com

SERIES:

**3000 Series Skylight**

DRAWING TITLE:

**WIND LOAD CHART FOR 3030 T-Bar**

DRAWN BY:

**JK**

CHK'D BY:

**JS**

DATE:

**13-Nov-25**

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4  
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

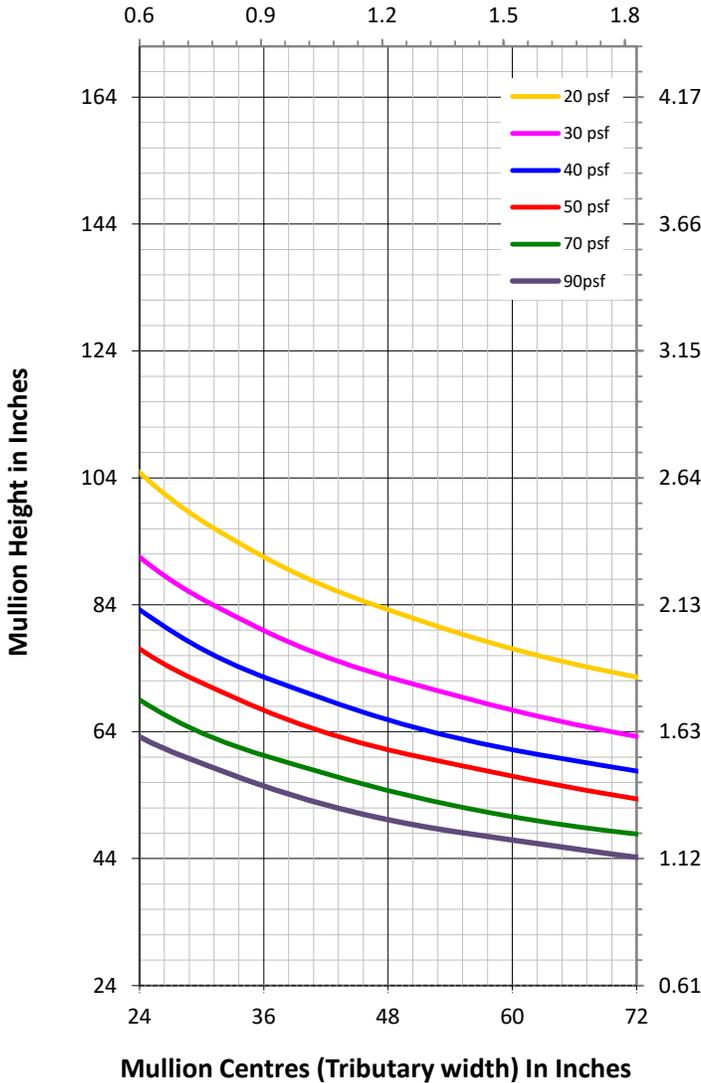
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**3030**

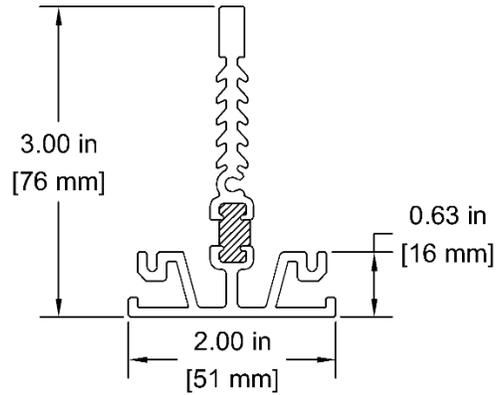
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**Mullion Centres (Tributary width) In Meters**



**MULLION SECTION**



**SYSTEM PROPERTIES**

**Moment of Inertia, Section Modulus & Area**

Moment of Inertia, $I_{xx}$	$I_{xx} = 0.88 \text{ in}^4$
Section Modulus, $S_{xx}$	$S_{xx} = 0.87 \text{ in}^3$
Total Area	$A = 0.95 \text{ in}^2$

**Modulus of Elasticity**

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

**GENERAL NOTES**

1. Deflection Limit:  $L/175$  up to 13.5ft,  $L/240 + 0.25"$  over 13.5ft
2. Assume horizontal members provide lateral support
3. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent
4. The design pressure (psf) shall be determined using the controlling load combination of dead, wind, live, and snow loads as applicable.

CLIENT:



Head Office:  
19045 - 24th Avenue  
Surrey, B.C. V3Z 3S9  
Tel. (604) 535-5316  
www.metroaluminum.com

SERIES:

**3000T Series Skylight**

DRAWING TITLE:

**WIND LOAD CHART FOR 3035 T-Bar**

DRAWN BY:

**JK**

CHK'D BY:

**JS**

DATE:

**13-Nov-25**

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4  
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

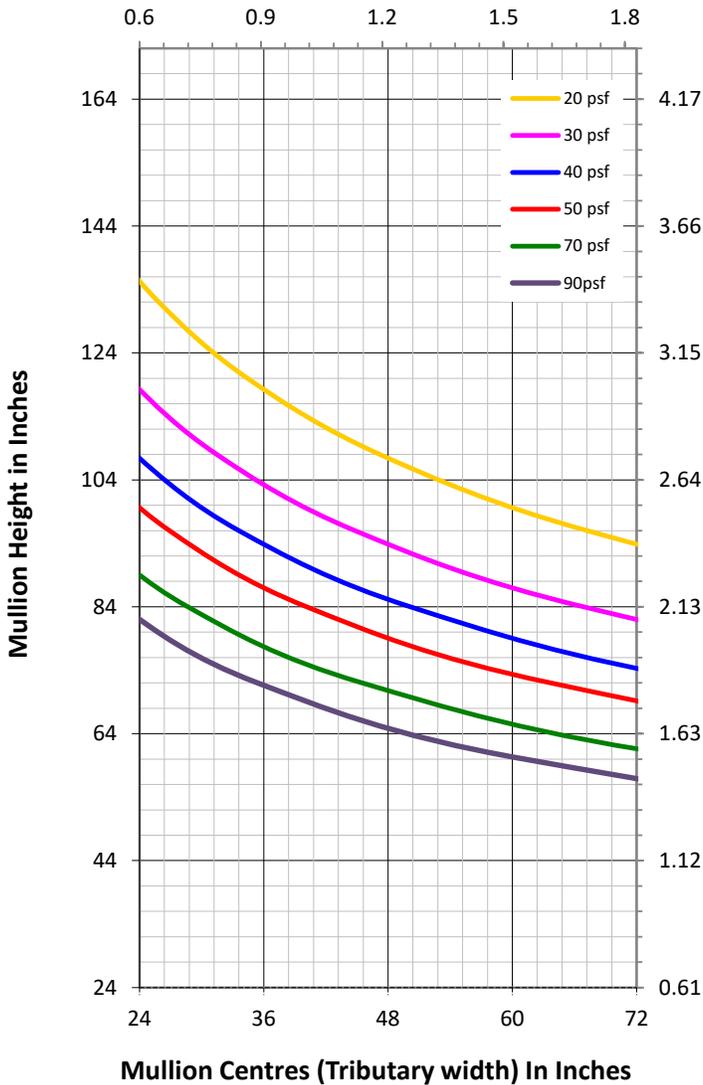
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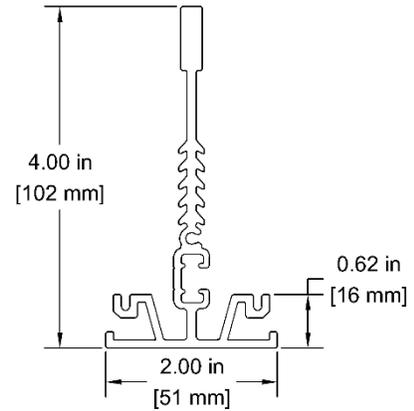
**SPAN CHART**

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**Mullion Centres (Tributary width) In Meters**



**MULLION SECTION**



**SYSTEM PROPERTIES**

**Moment of Inertia, Section Modulus & Area**

Moment of Inertia, $I_{xx}$	$I_{xx} = 1.88 \text{ in}^4$
Section Modulus, $S_{xx}$	$S_{xx} = 0.73 \text{ in}^3$
Total Area	$A = 1.11 \text{ in}^2$

**Modulus of Elasticity**

Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

**GENERAL NOTES**

1. Deflection Limit:  $L/175$  up to 13.5ft,  $L/240 + 0.25"$  over 13.5ft
2. Assume horizontal members provide lateral support
3. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent
4. The design pressure (psf) shall be determined using the controlling load combination of dead, wind, live, and snow loads as applicable.

CLIENT:



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Tel. (604) 535-5316  
www.metroaluminum.com

SERIES:

**3000T Series Skylight**

DRAWING TITLE:

**WIND LOAD CHART FOR 3040 T-Bar**

DRAWN BY:

**JK**

CHK'D BY:

**JS**

DATE:

**13-Nov-25**

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4  
Tel: 604-530-6611 | Fax: 604-530-6101 www.laytonconsulting.com

DWG. NO:

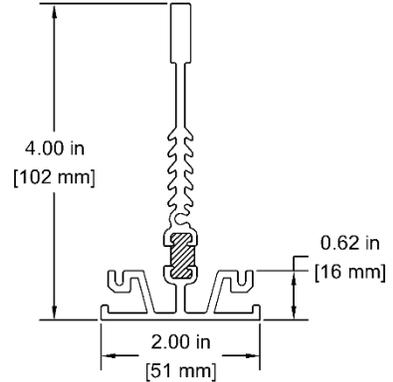
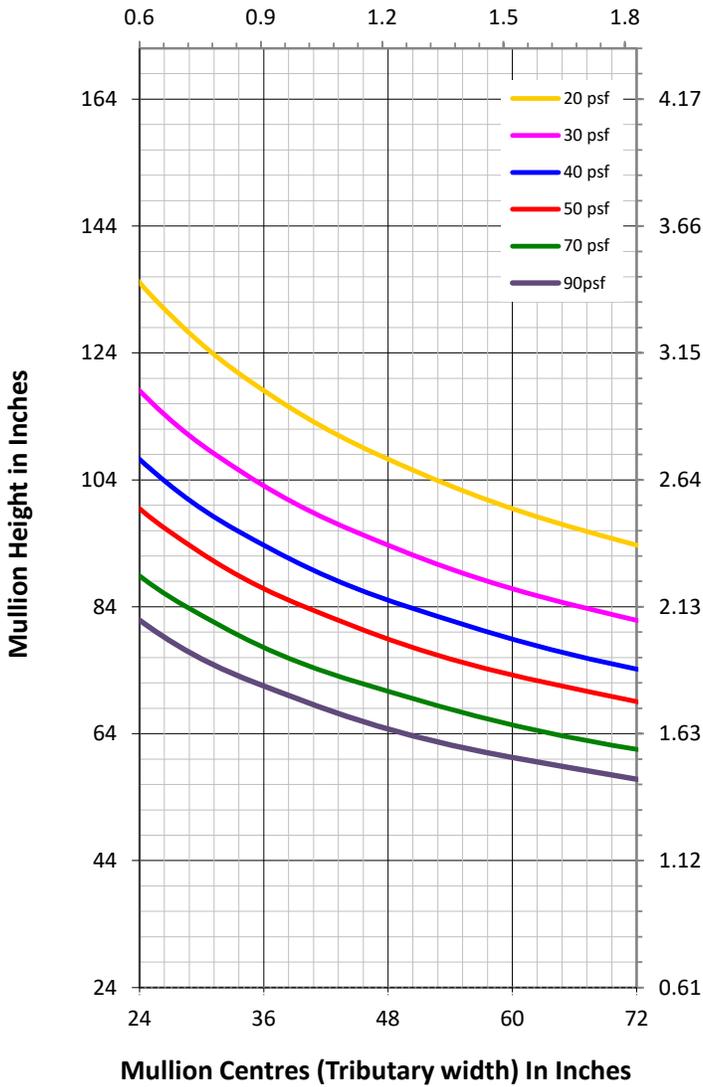
**3040**

**SPAN CHART**

**MULLION SECTION**

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ONLY**

**Mullion Centres (Tributary width) In Meters**



**SYSTEM PROPERTIES**

**Moment of Inertia, Section Modulus & Area**

Moment of Inertia, $I_{xx}$	$I_{xx} = 1.87 \text{ in}^4$
Section Modulus, $S_{xx}$	$S_{xx} = 0.73 \text{ in}^3$
Total Area	$A = 1.09 \text{ in}^2$
<b>Modulus of Elasticity</b>	
Aluminum	10,000,000 PSI
Steel	29,000,000 PSI

**GENERAL NOTES**

1. Deflection Limit:  $L/175$  up to 13.5ft,  $L/240 + 0.25"$  over 13.5ft
2. Assume horizontal members provide lateral support
3. Steel moment of inertia converted to polyester, vinyl or aluminum equivalent
4. The design pressure (psf) shall be determined using the controlling load combination of dead, wind, live, and snow loads as applicable.

CLIENT:



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Surrey, B.C. V3Z 3S9  
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SERIES:

**3000T Series Skylight**

DRAWING TITLE:

**WIND LOAD CHART FOR 3045 T-Bar**

DRAWN BY:

**JK**

CHK'D BY:

**JS**

DATE:

**13-Nov-25**

ENGINEERING BY:



Unit 233-18525 53rd Avenue, Surrey, BC, Canada, V3S 7A4  
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DWG. NO:

**3045**