

Extrusion:

E14021

System:

E14000

Typical Use:

Door Jamb

Alloy:

6063 T6

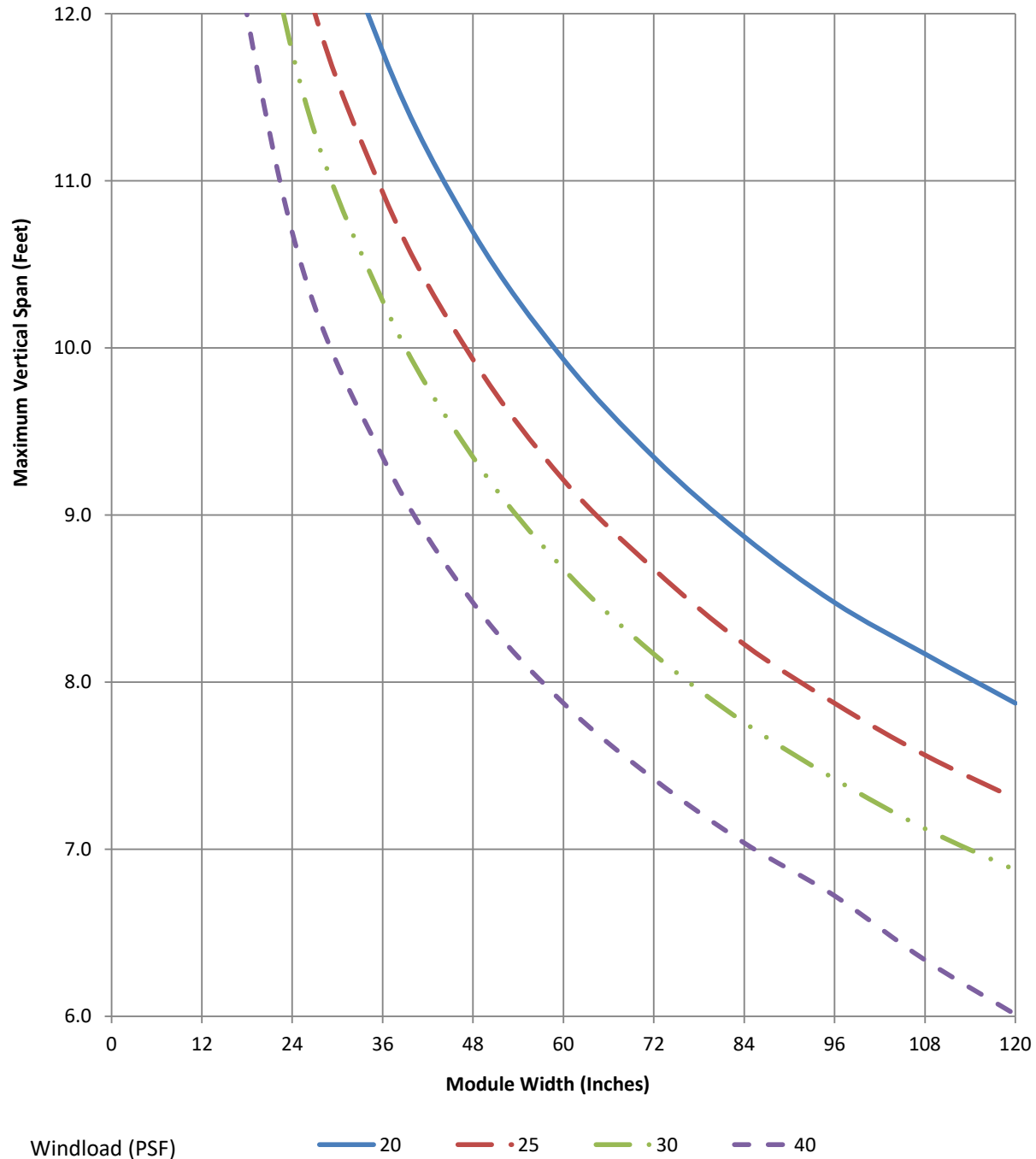
apogee

ARCHITECTURAL
METALSTUBELITE[®]

LINETEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.219	0.7947	1.431	0.9341	1.462	0.7264	-0.0002	0.9728	1.598	1.923

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 5 feet maximum.



Extrusion:

E14144_E14022

System:

E14000

Typical Use:

Door Jamb_Deep Pocket Snap In Filler

Alloy:

6063 T6

apogee

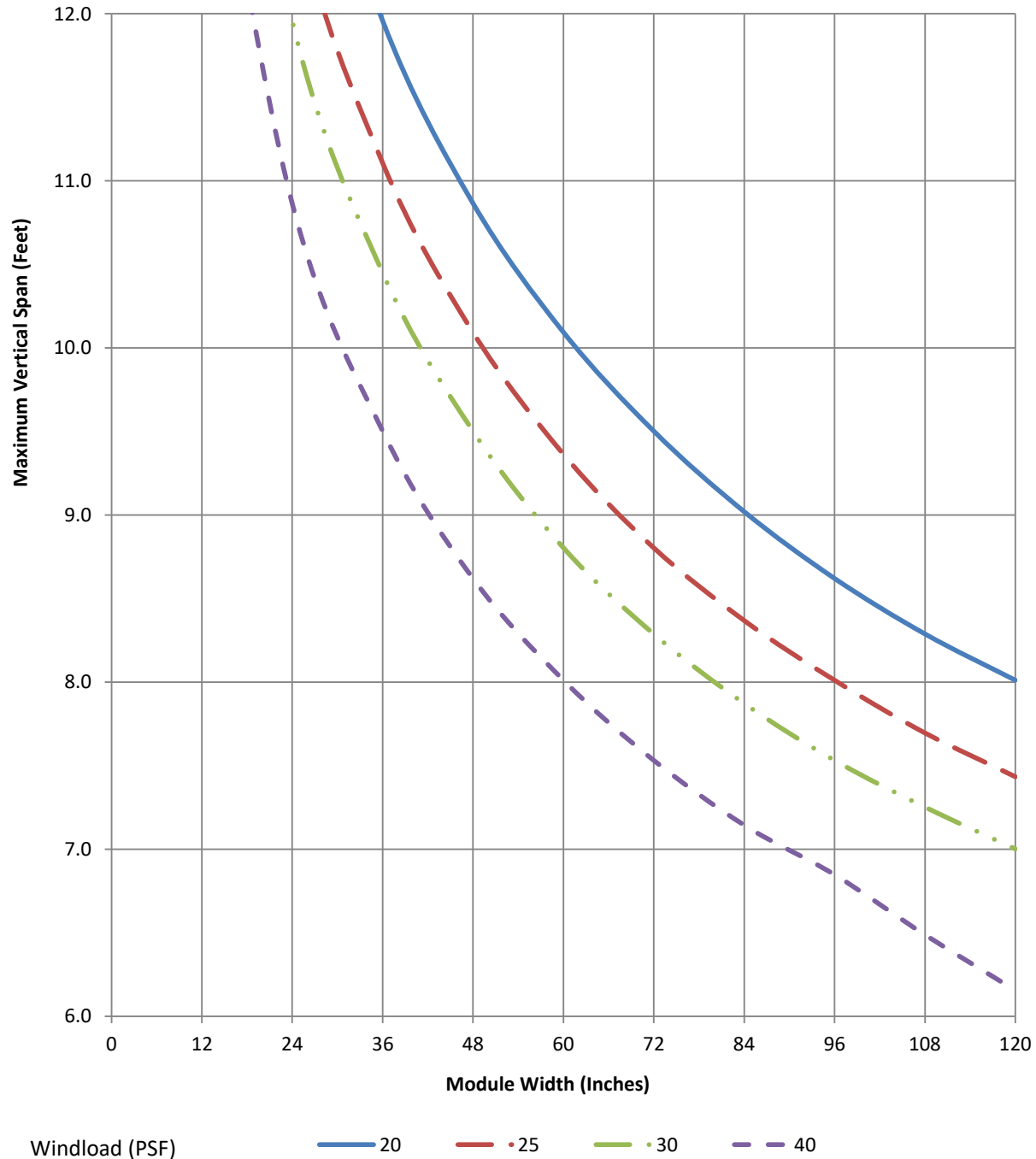
ARCHITECTURAL
METALS

TUBELITE



Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.3784	0.5061	1.50246	0.7474	1.47142	0.56951	-0.0008	0.0049	2.0106	2.0256

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 5 feet maximum.



Extrusion:

E14144_E15142

System:

E14000

Typical Use:

Door Jamb_CENTER PLANE SHALLOW POCKET OFFSET BREAK FILLER

Alloy:

6063 T6

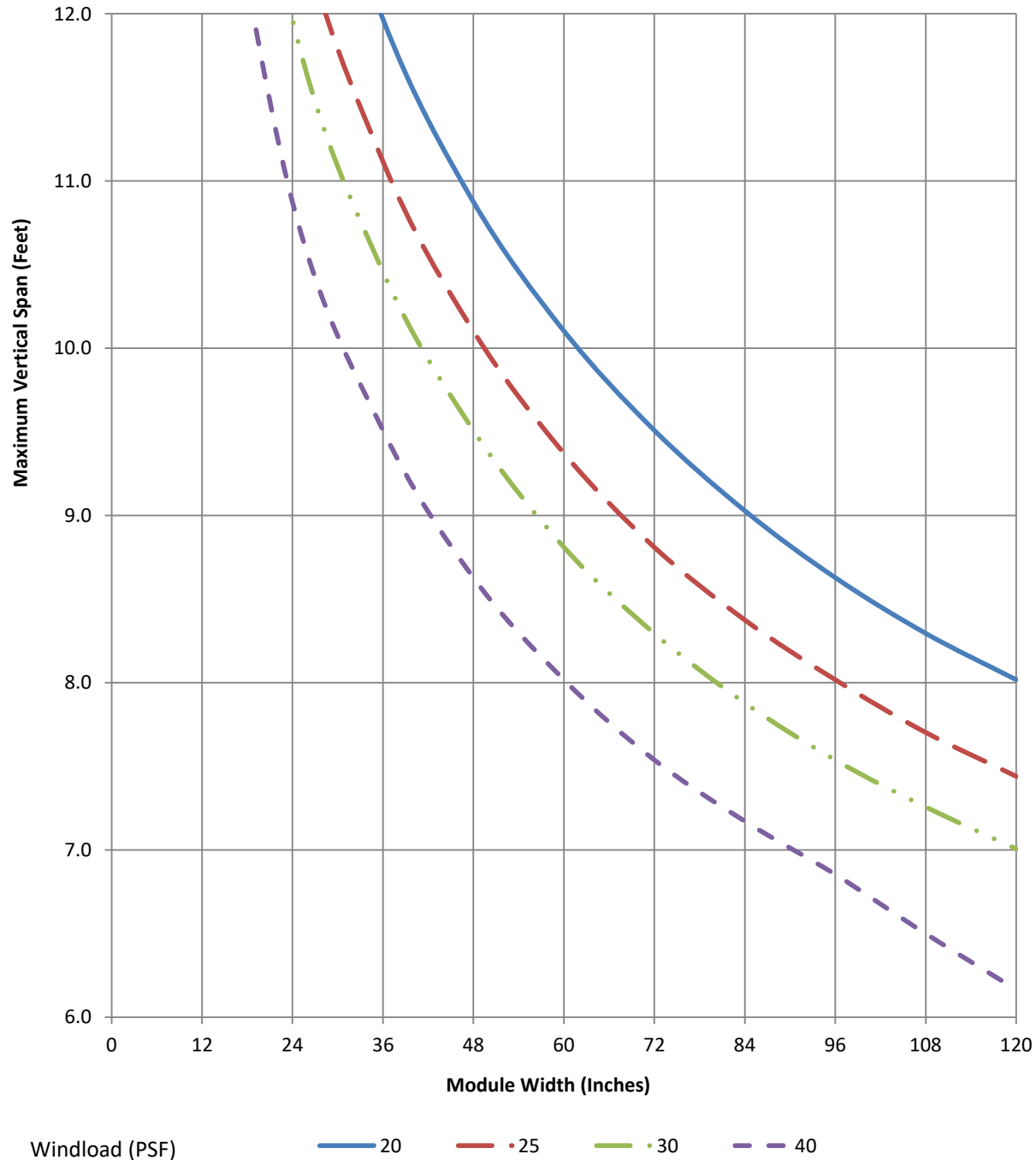
apogee

ARCHITECTURAL
METALSTUBELITE[®]
ALUMINUM

LINETEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.3897	0.4514	1.50749	0.80871	1.48743	0.5428	-0.0008	0.0049	1.9578	2.0073

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Extrusion:

E15246_E15247_E15246

System:

E14000

Typical Use:

Center Plane, 4-1/2" Rotational Mullion Half, 4-1/2" Center Plane, Rotational Center, Center Plane, 4-1/2" Rotational Mullion Half

Alloy:

6063 T6

apogee

ARCHITECTURAL
METALS



TUBELITE

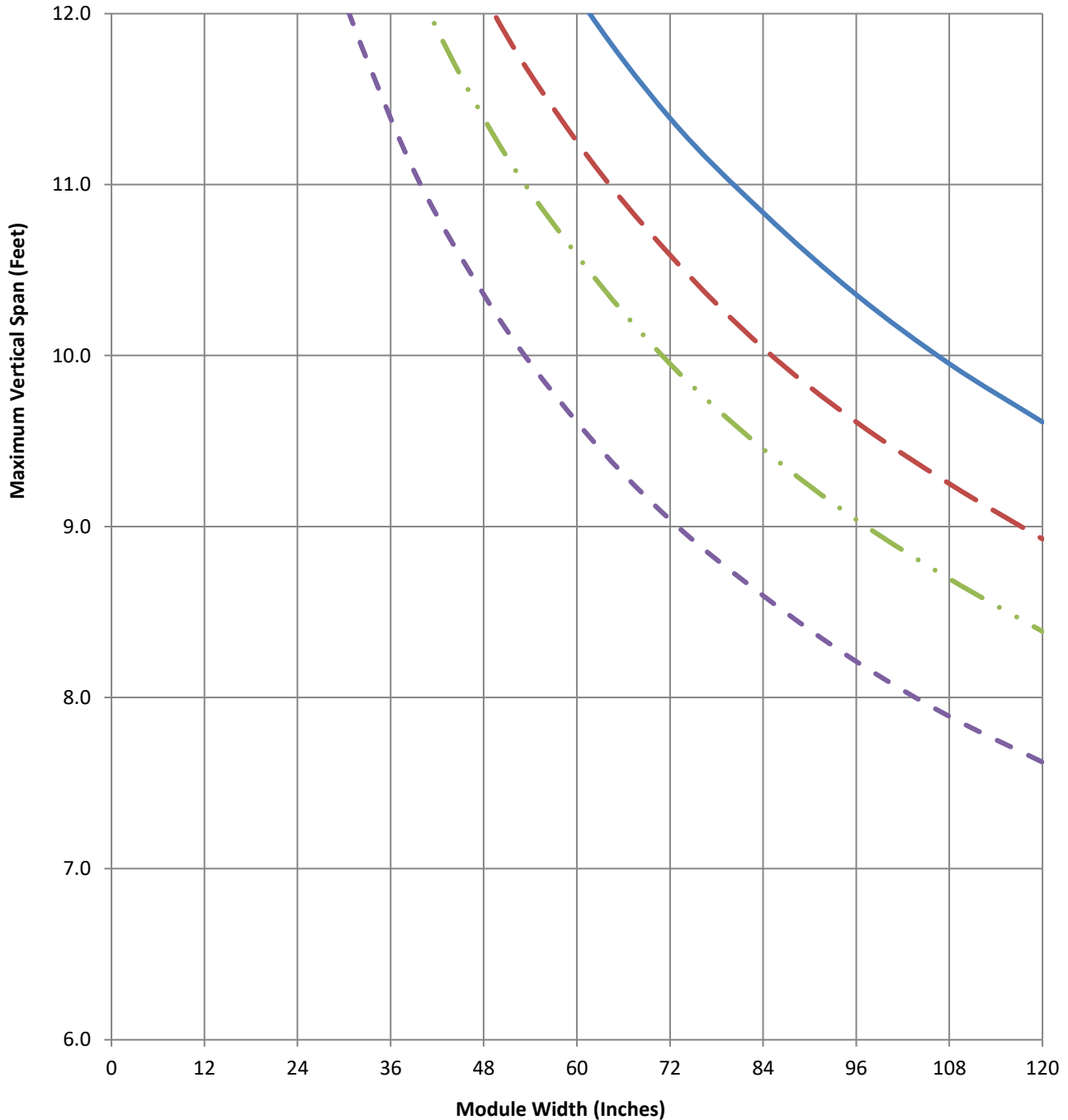
Alumicor



Section Properties

I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
5.844	0.5625	2.56326	0.43969	1.4663	0.45491	0.6332	0.0068	1.9693	3.498

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Windload (PSF)

— 20

- - 25

... 30

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Extrusion:

E15000

System:

E14000

Typical Use:

Center Plane 2" x 2-1/2" Tube Vertical

Alloy:

6063 T6

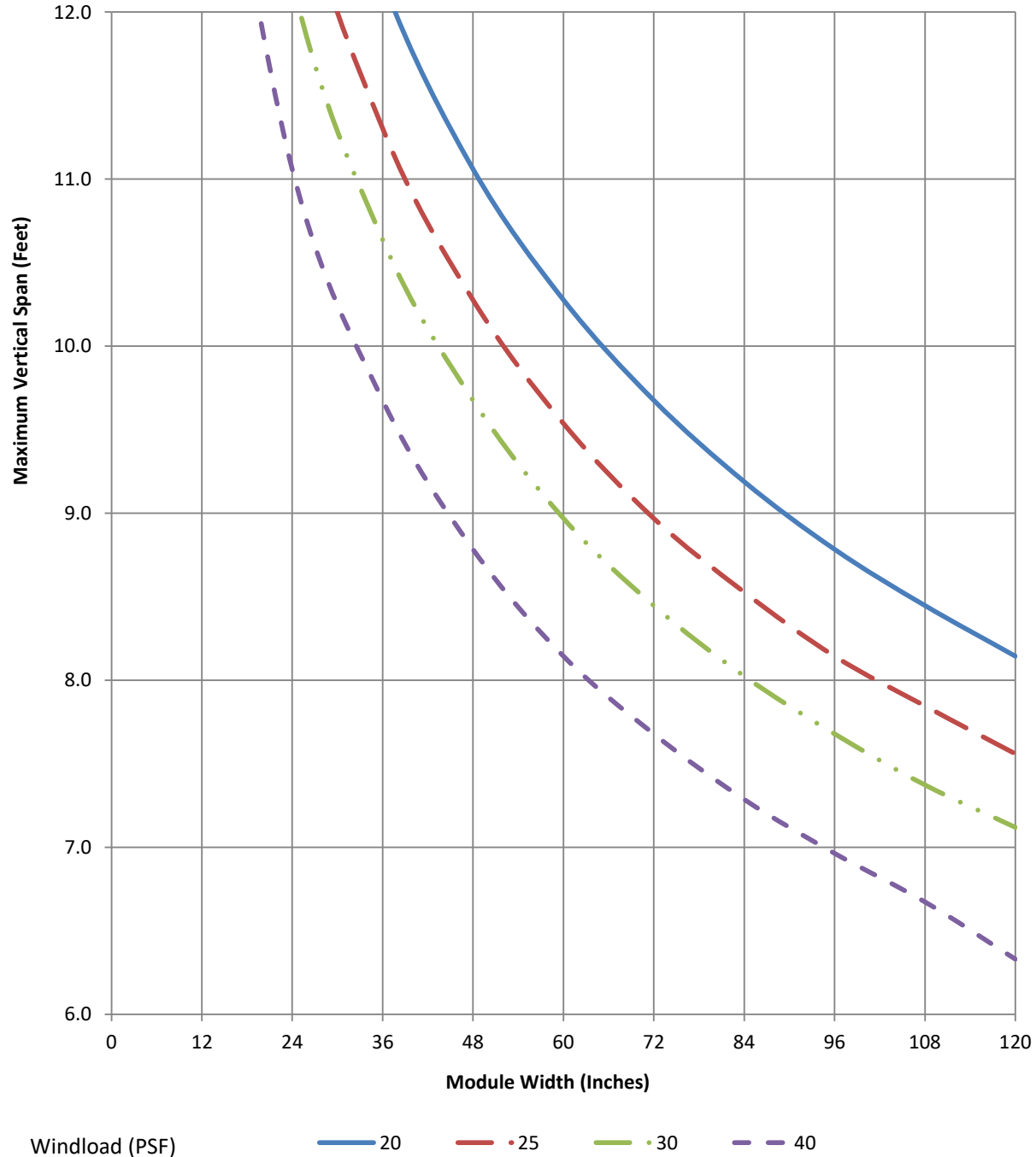
apogee

ARCHITECTURAL
METALSTUBELITE[®]

LINTEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.571	0.6508	1.587	0.6432	1.576	0.6727	0.0001	0.7265	1.814	2.029

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 5 feet maximum.



Extrusion:

E15106_E15107

System:

E14000

Typical Use:

Center Plane, Expansion Vertical

Alloy:

6063 T6

apogee

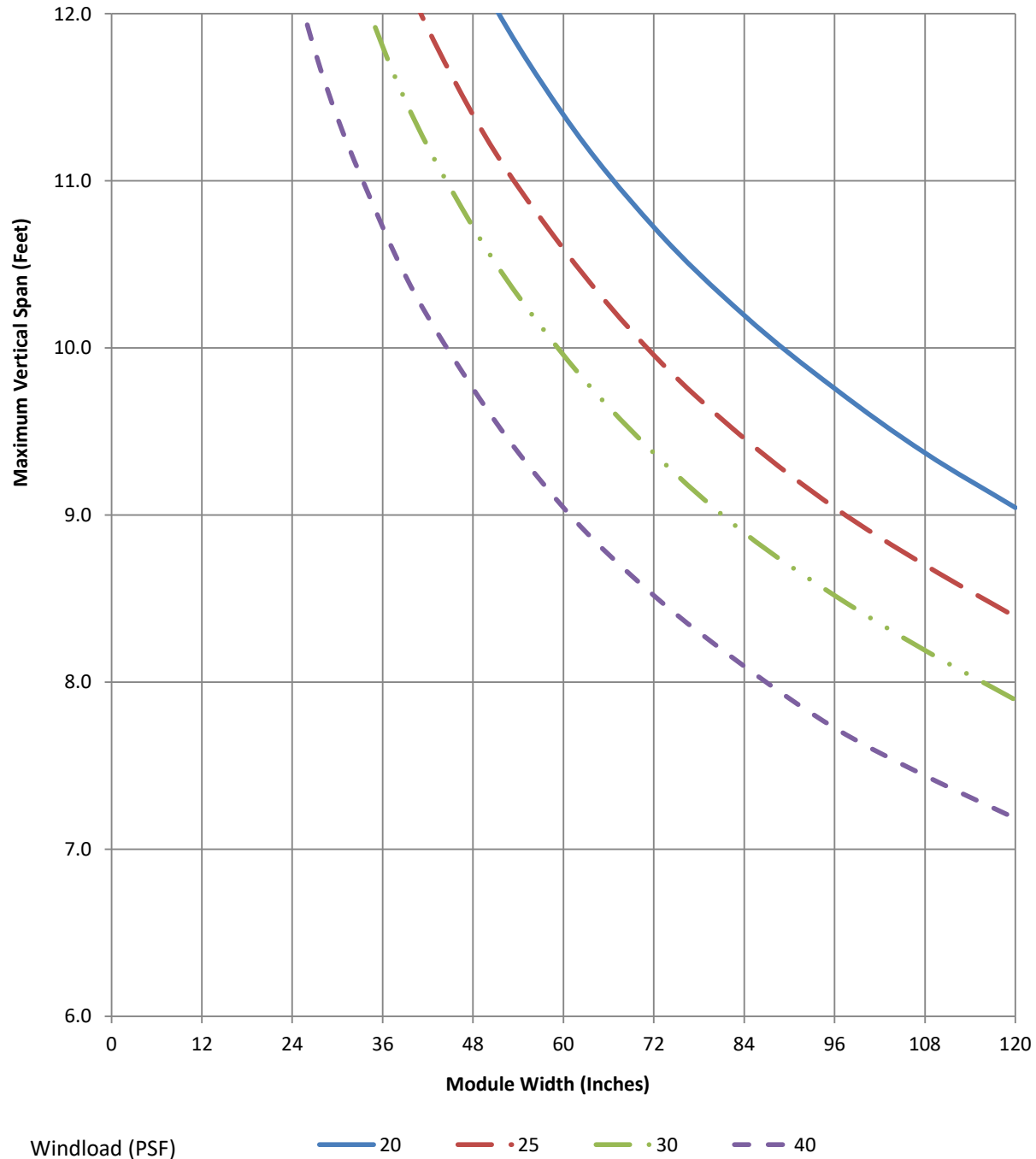
ARCHITECTURAL
METALS

TUBELITE



Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
4.88	0.5543	2.16869	0.6277	1.5723	0.52991	0.0009	0.0047	2.7848	2.764

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Extrusion:

E15119_E15119

apogee

ARCHITECTURAL
METALS

System:

E14000

Typical Use:

Center Plane, 4-1/2" x 4-1/2" Vertical



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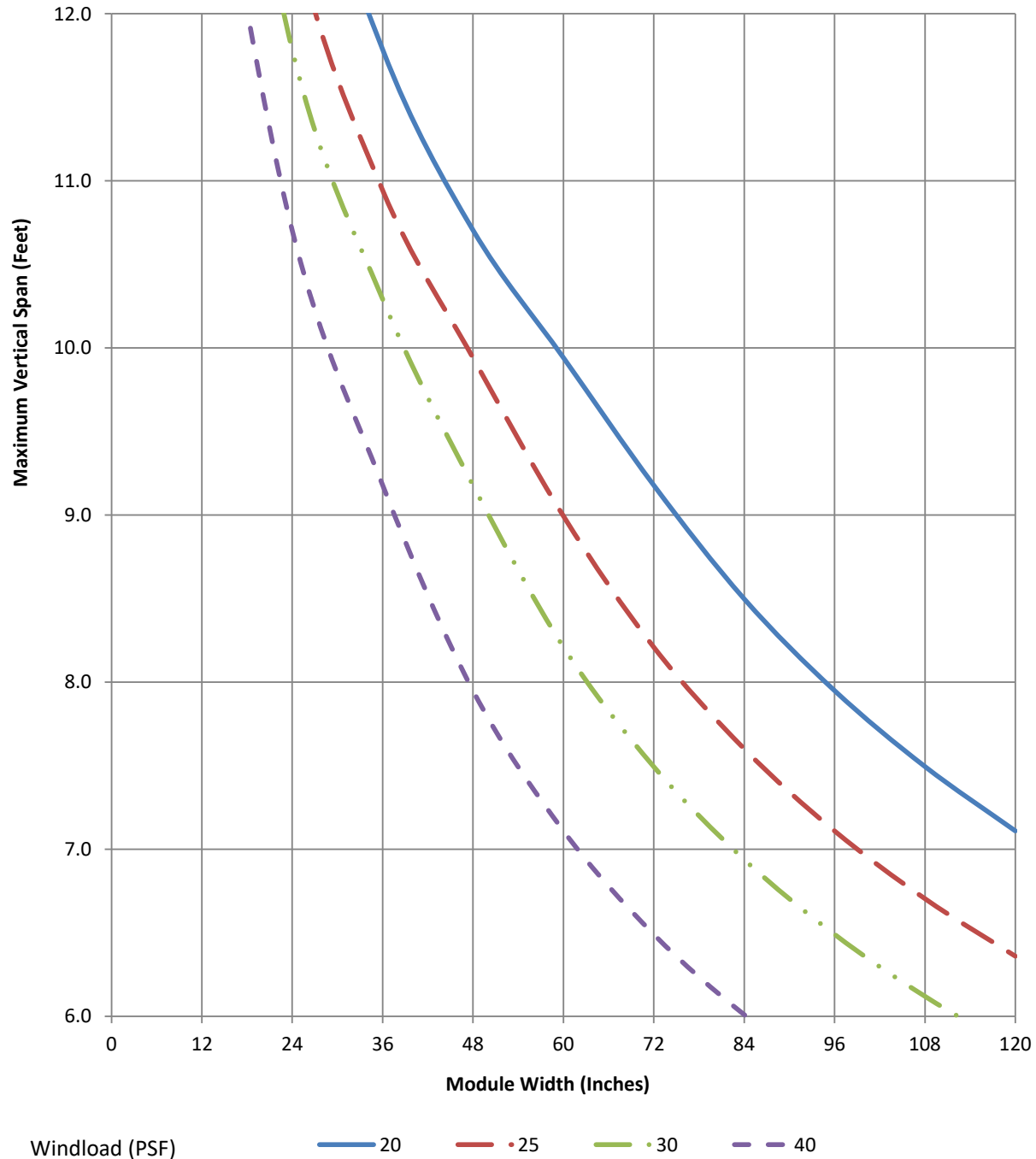
LIVETEC

Alloy:

6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.232	4.128	2.648	2.794	1.25931	1.42321	1.217	0.0044	2.112	1.8794

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 5 feet maximum.



Extrusion:

E15141_E15142

System:

E14000

Typical Use:

CENTER PLANE 2" X 4-1/2" OFFSET BREAK VERTICAL_CENTER PLANE SHALLOW POCKET OFFSET BREAK FILLER

Alloy:

6063 T6

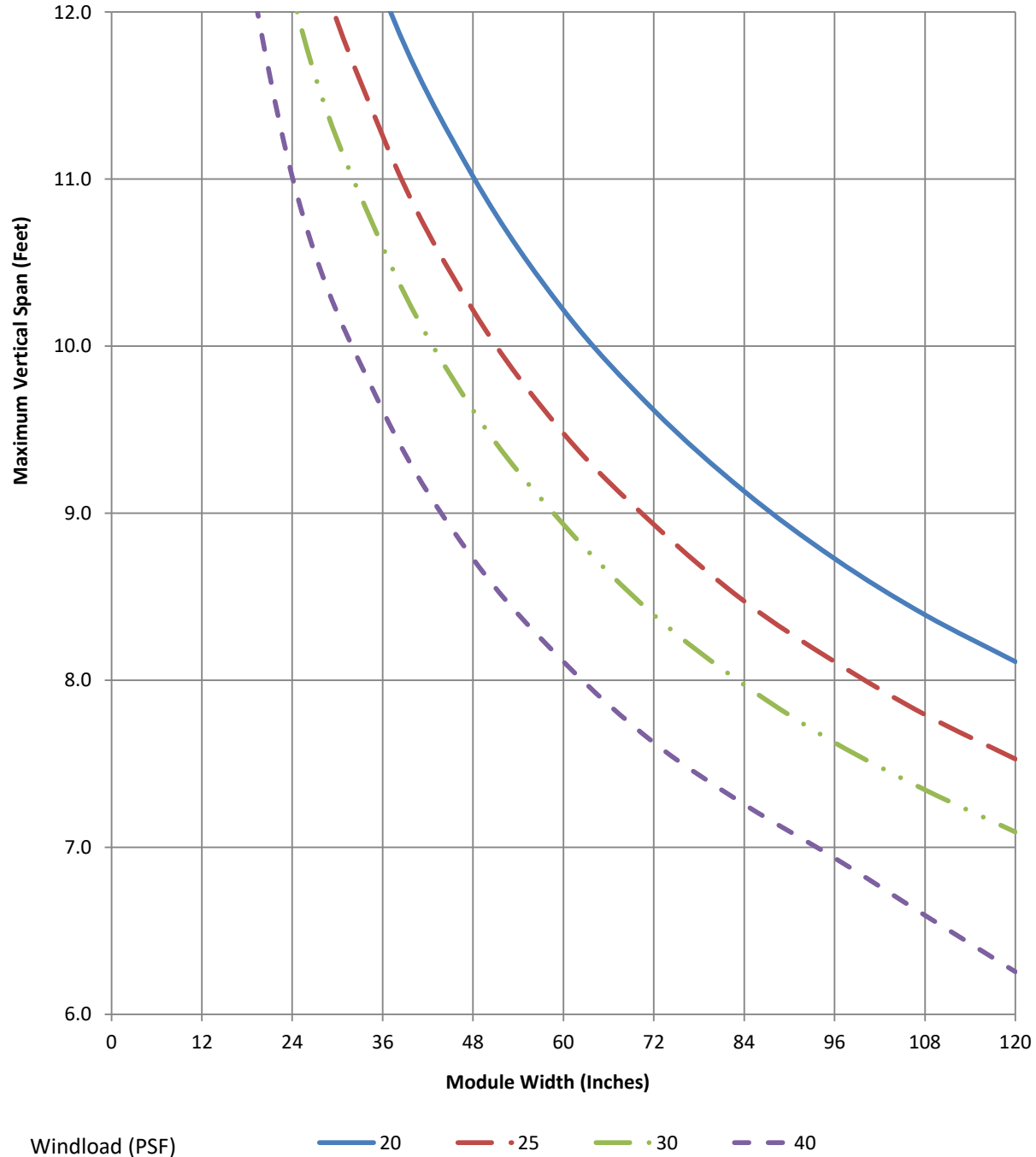
apogee

ARCHITECTURAL
METALSTUBELITE
SYSTEM

LINTEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.5147	0.4455	1.57572	0.35901	1.48472	0.5286	0.02	0.004	2.2758	2.0863

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Extrusion:

E15325_E15322

System:

E14000

Typical Use:

Door Jamb 2" x 4-1/2" _Center Plane Shallow Pocket Door Jamb Filler

Alloy:

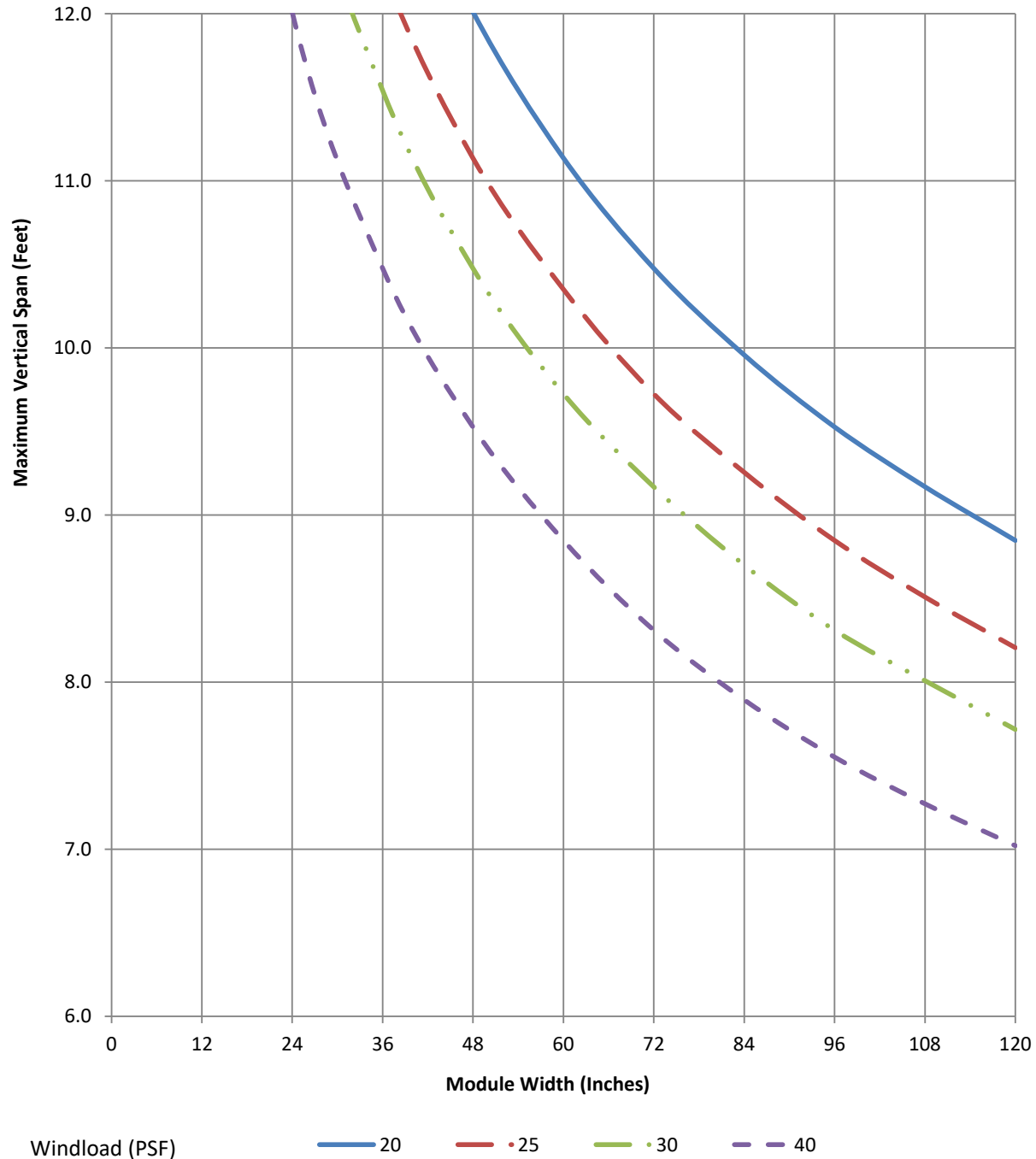
6063 T6

apogee

ARCHITECTURAL
METALS

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
4.5541	0.4532	2.02404	0.33341	1.48179	0.46744	0	0.4092	1.2224	2.6929

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 5 feet maximum.



Extrusion:

E15435_E14445

System:

E14000

Typical Use:

Center Plane, 2" x 4-1/2" Open-Back Heavy Vertical_Snap In Filler

Alloy:

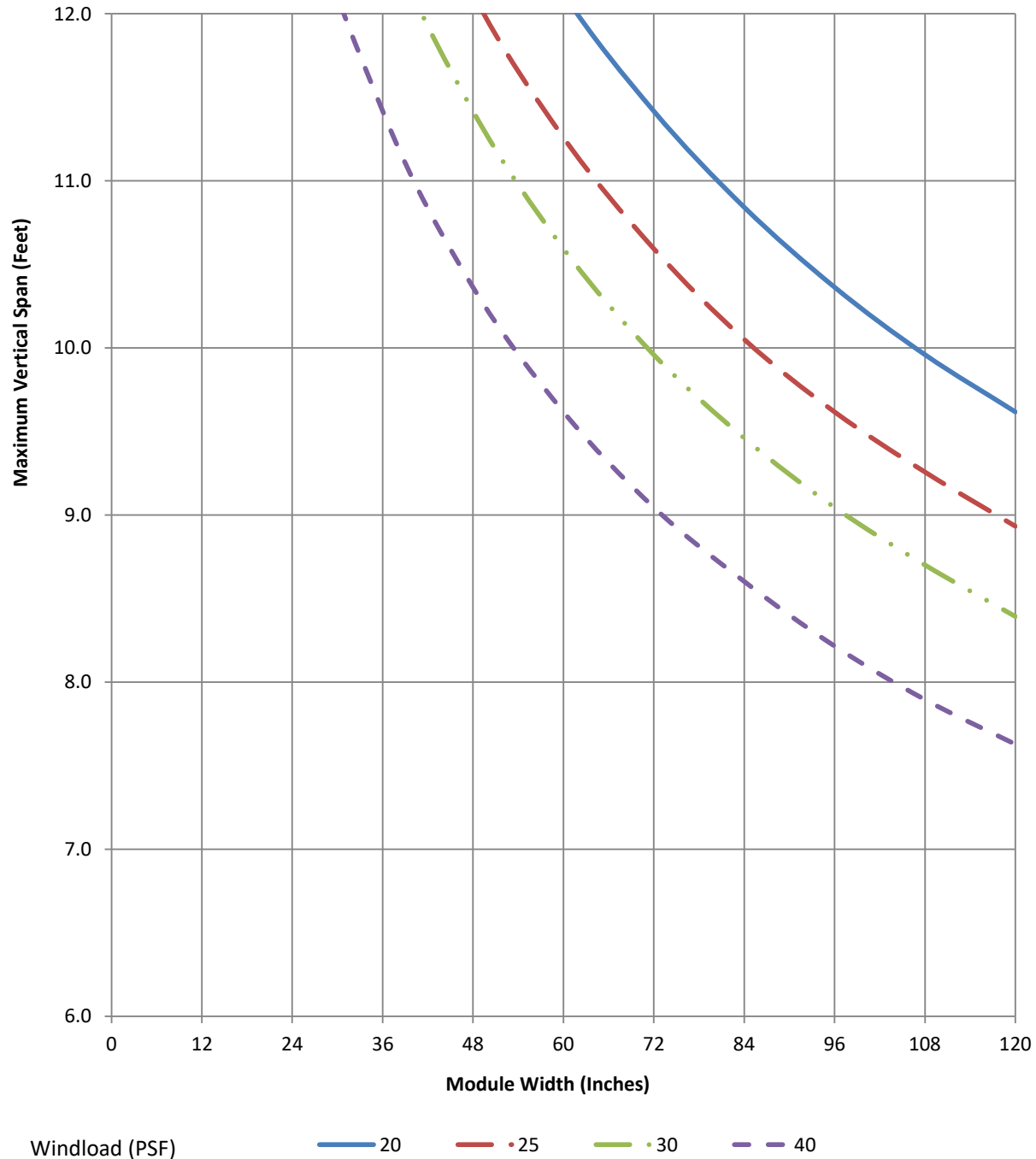
6063 T6

apogee

ARCHITECTURAL
METALS

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
5.8594	0.6287	2.60381	0.54613	1.67198	0.54768	0	0.0223	2.9396	3.1927

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips. Maximum vertical spacing between horizontals is 5 feet maximum.



Extrusion:

E14249

System:

E14000

Typical Use:

Sunshade Vertical

Alloy:

6063 T6

apogee

ARCHITECTURAL
METALS

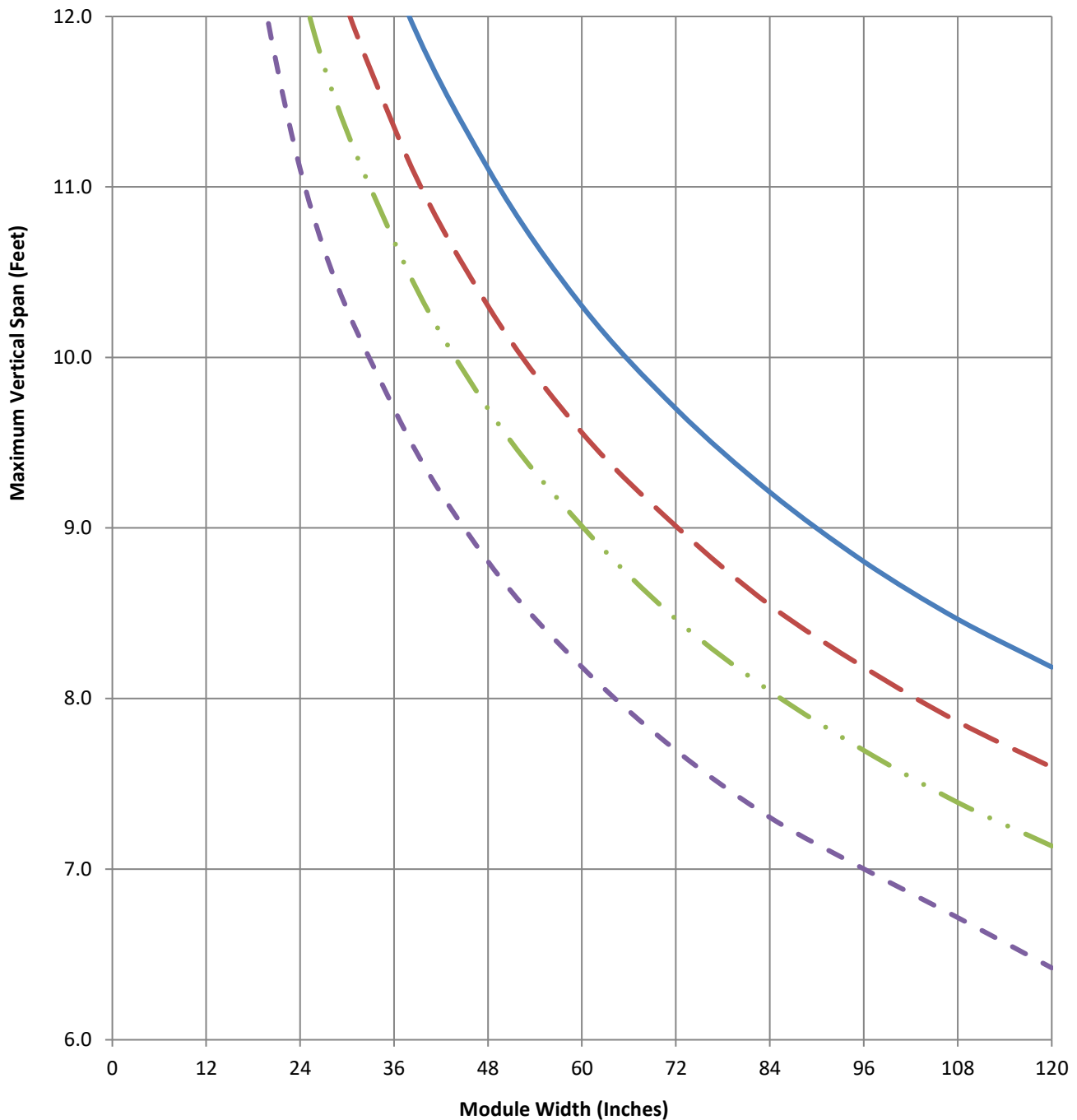
TUBELITE

Alumicor

LINEPEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.605	0.7709	1.867	0.7517	1.402	0.6481	-0.5502	0.64	1.787	2.312

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips spaced evenly. This vertical spacing between horizontals/clips is capped at a maximum of 5 feet, which may require more horizontals or antibuckling clips to achieve on taller vertical spans.



Windload (PSF)

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... 30

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Extrusion:

E15261_E14445

System:

E14000

Typical Use:

Center Plane, 2" x 4-1/2" Vertical For Steel Loading_Snap In Filler

Alloy:

6063 T6

apogee

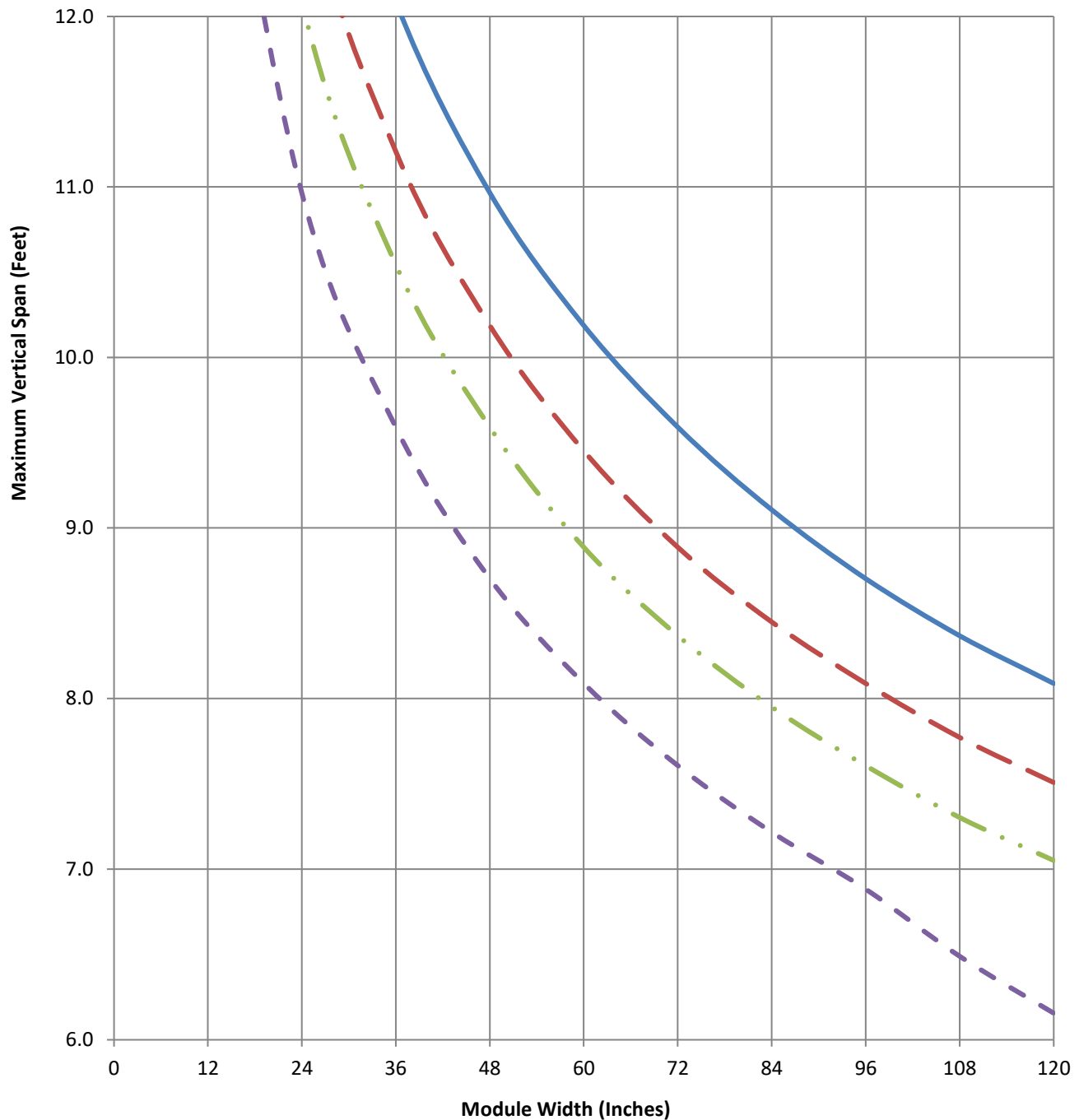
ARCHITECTURAL
METALSTUBELITE
UPGRADES

Alumicor

LINEPEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	C _w	Z _x
3.4764	0.4305	1.59243	0.58923	1.51832	0.5343	-0.1276	0.0039	2.4756	2.0457

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips spaced evenly. This vertical spacing between horizontals/clips is capped at a maximum of 5 feet, which may require more horizontals or antibuckling clips to achieve on taller vertical spans.



Windload (PSF)

— 20

- - 25

... 30

- - - 40

Extrusion:

E15261_E14445 with P1437

apogee

ARCHITECTURAL
METALS

System:

E14000

Typical Use:

Center Plane, 2" x 4-1/2" Vertical For Steel Loading_Snap In Filler

Alloy:

6063 T6

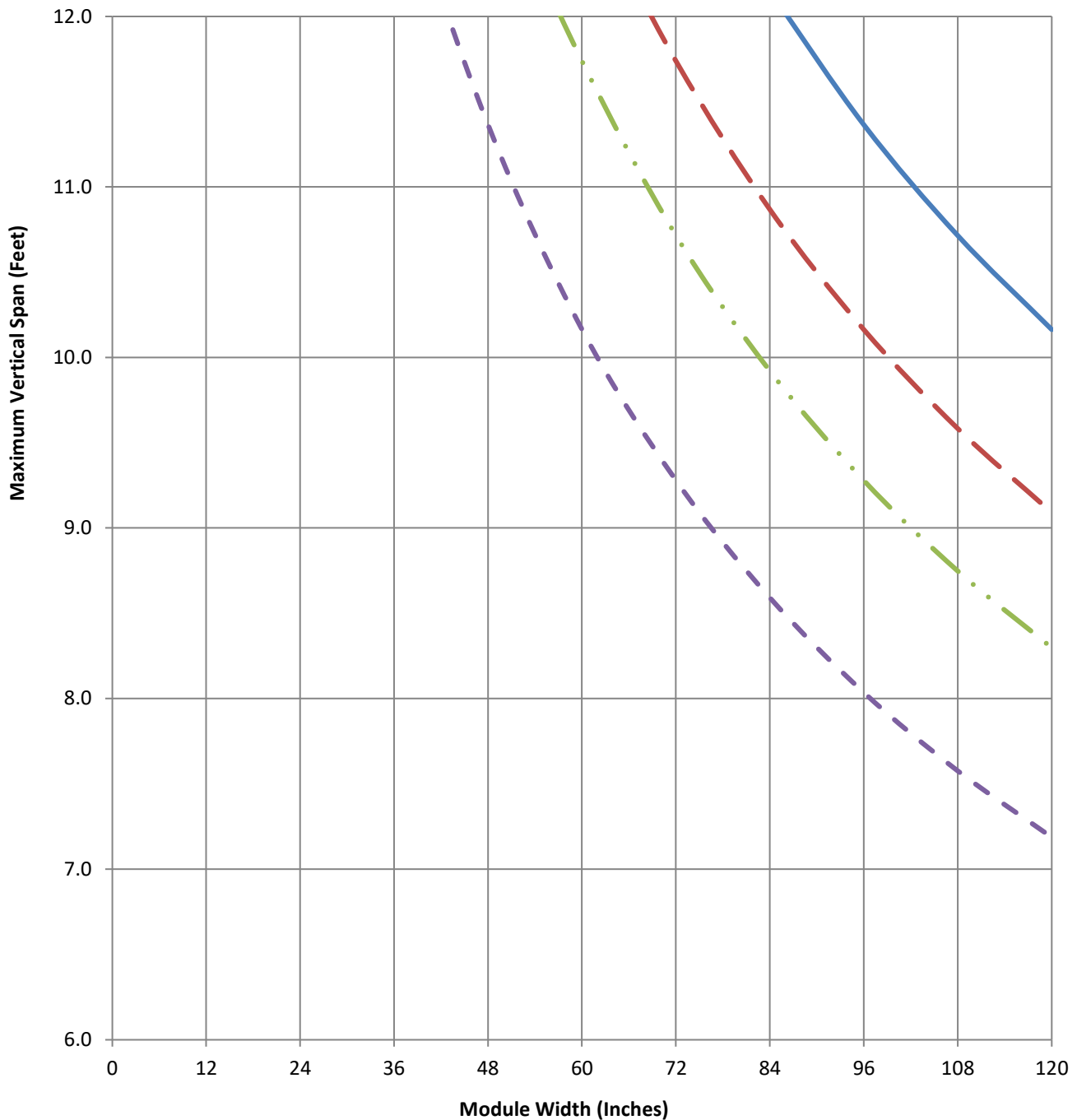
TUBELITE
UPGRADES

Alumicor

LINEPEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
8.563	0.5668	3.92244	0.77579	1.51832	0.5343	-0.1276	0.0039	2.4756	2.0457

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips spaced evenly. This vertical spacing between horizontals/clips is capped at a maximum of 5 feet, which may require more horizontals or antibuckling clips to achieve on taller vertical spans.



Windload (PSF)

— 20

- - 25

... 30

- . - 40

Extrusion:

E15261_E14445 with P3437

System:

E14000

Typical Use:

Center Plane, 2" x 4-1/2" Vertical For Steel Loading_Snap In Filler

Alloy:

6063 T6

apogee

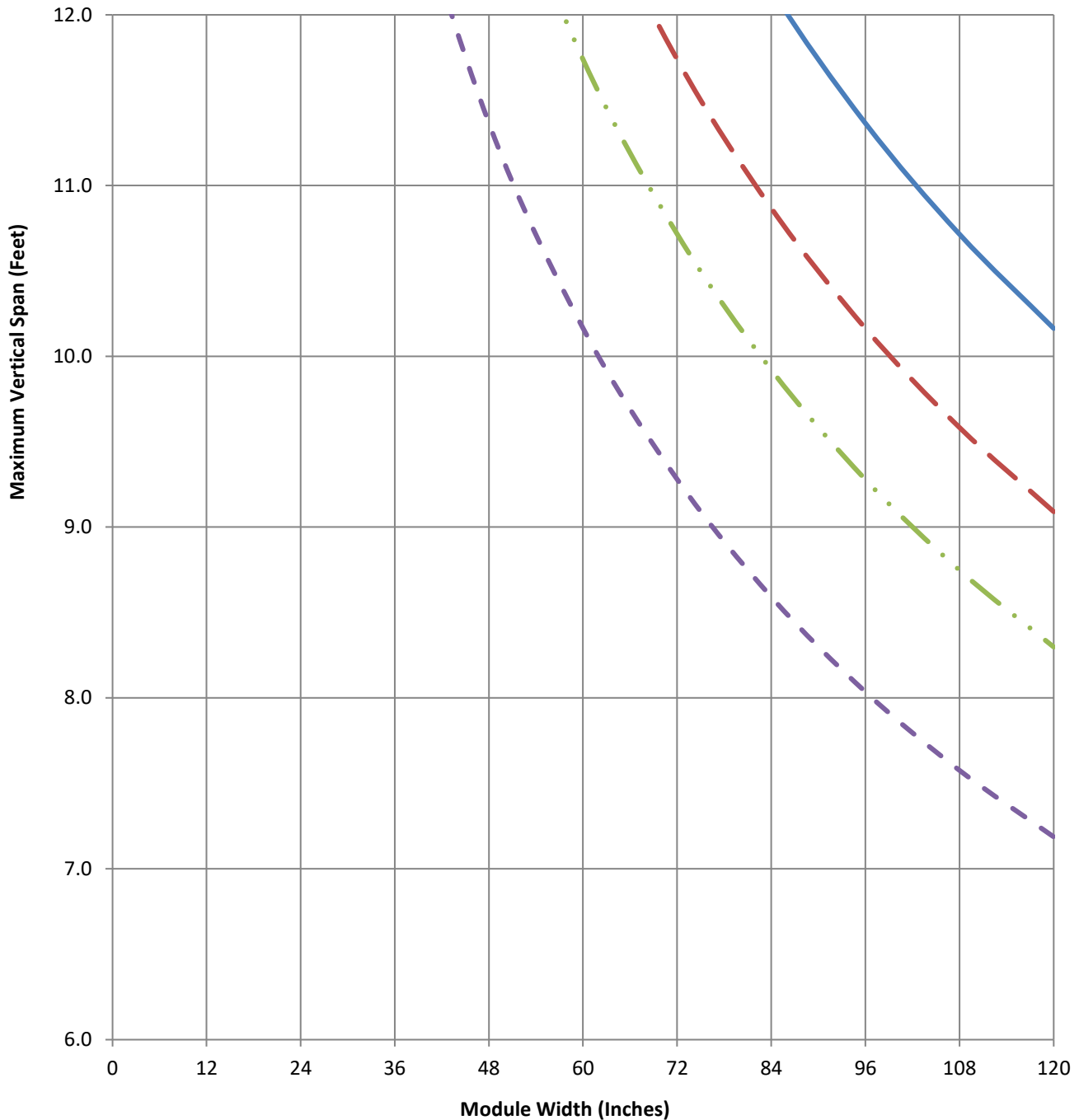
ARCHITECTURAL
METALSTUBELITE
UPGRADES

Alumicor

LINEPEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	C _w	Z _x
9.7926	0.7031	4.48568	0.96234	1.51832	0.5343	-0.1276	0.0039	2.4756	2.0457

The following chart is for estimating purposes only. Site specific conditions and frame configurations can have a significant affect on the structural capacity of the framing system. Consult a PE for approval. This frame assumes at least 2 midspan horizontals or antibuckling clips spaced evenly. This vertical spacing between horizontals/clips is capped at a maximum of 5 feet, which may require more horizontals or antibuckling clips to achieve on taller vertical spans.



Windload (PSF)

— 20

- - 25

... 30

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Extrusion:

E15425_E14445

System:

E14000

Typical Use:

2" x 4-1/2" Heavy Tube/Open Back Hybrid Vertical_Snap In Filler

Alloy:

6063 T6

apogee

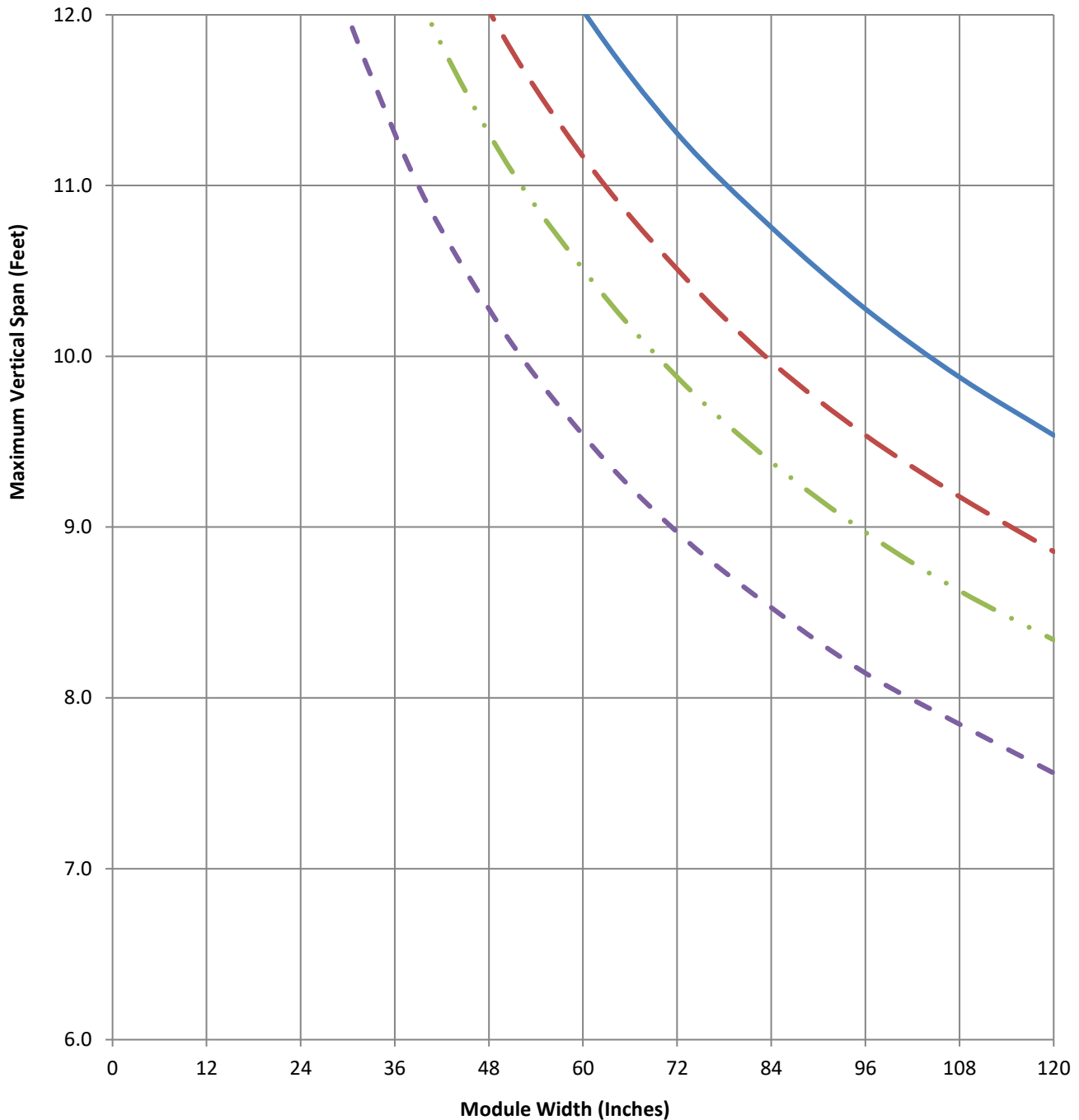
ARCHITECTURAL
METALSTUBELITE
UPGRADES

Alumicor

LINETEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
5.7174	0.5764	2.54082	0.66054	1.60953	0.51105	0	0.4346	2.1146	3.2157

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Windload (PSF)

— 20

- - 25

... 30

- . - 40

Extrusion:

E15449_E15450

System:

E14000

Typical Use:

Center Plane 2-1/2" x 4-1/2" Split Heavy Wall Vertical, Female_Center Plane 2-1/2" x 4-1/2" Split Heavy Wall Vertical, Male

Alloy:

6063 T6

apogee ARCHITECTURAL METALS



TUBELITE

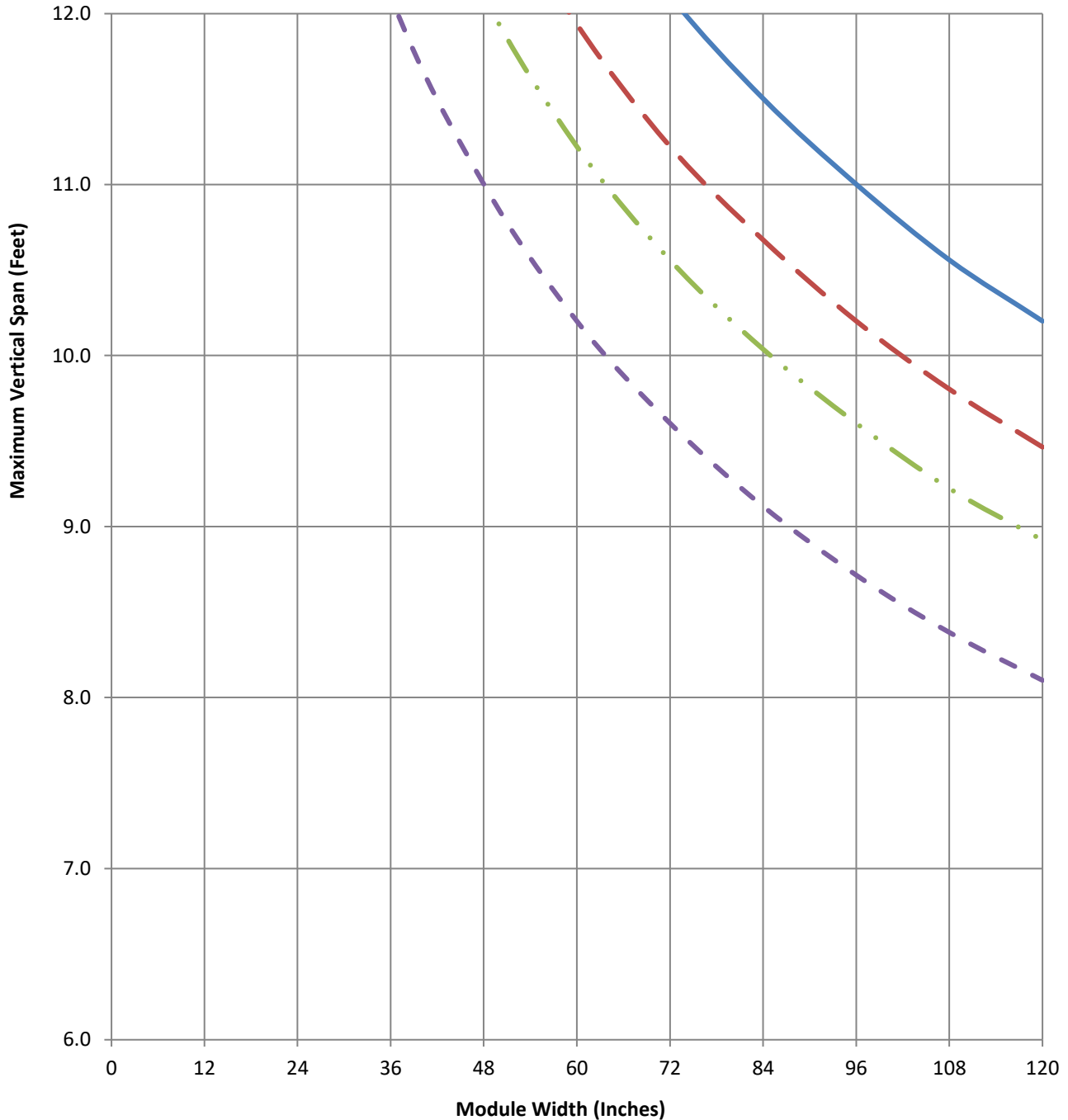
Alumicor

LINTEC

Section Properties

I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
6.993	0.5007	3.10773	0.43565	1.59727	0.4274	0	0.3373	1.7168	3.96

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Windload (PSF)

— 20

- - 25

... 30

- - 40