

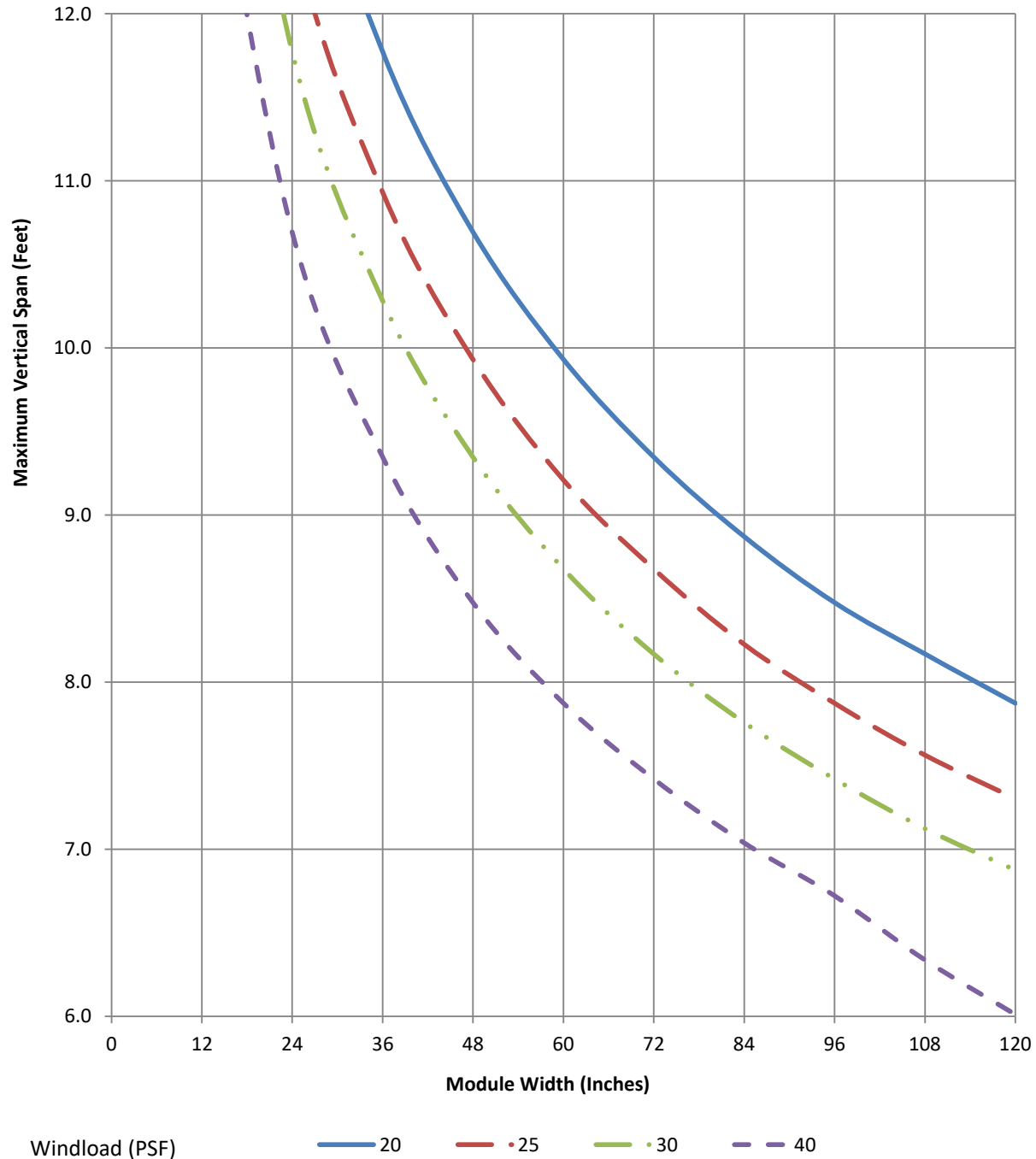
Extrusion: **E14021**
 System: E14000
 Typical Use: Door Jamb
 Alloy: 6063 T6

apogee ARCHITECTURAL
 METALS



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_T14022

System:

E14000

Typical Use:

Door Jamb

Alloy:

6063 T6

apogee

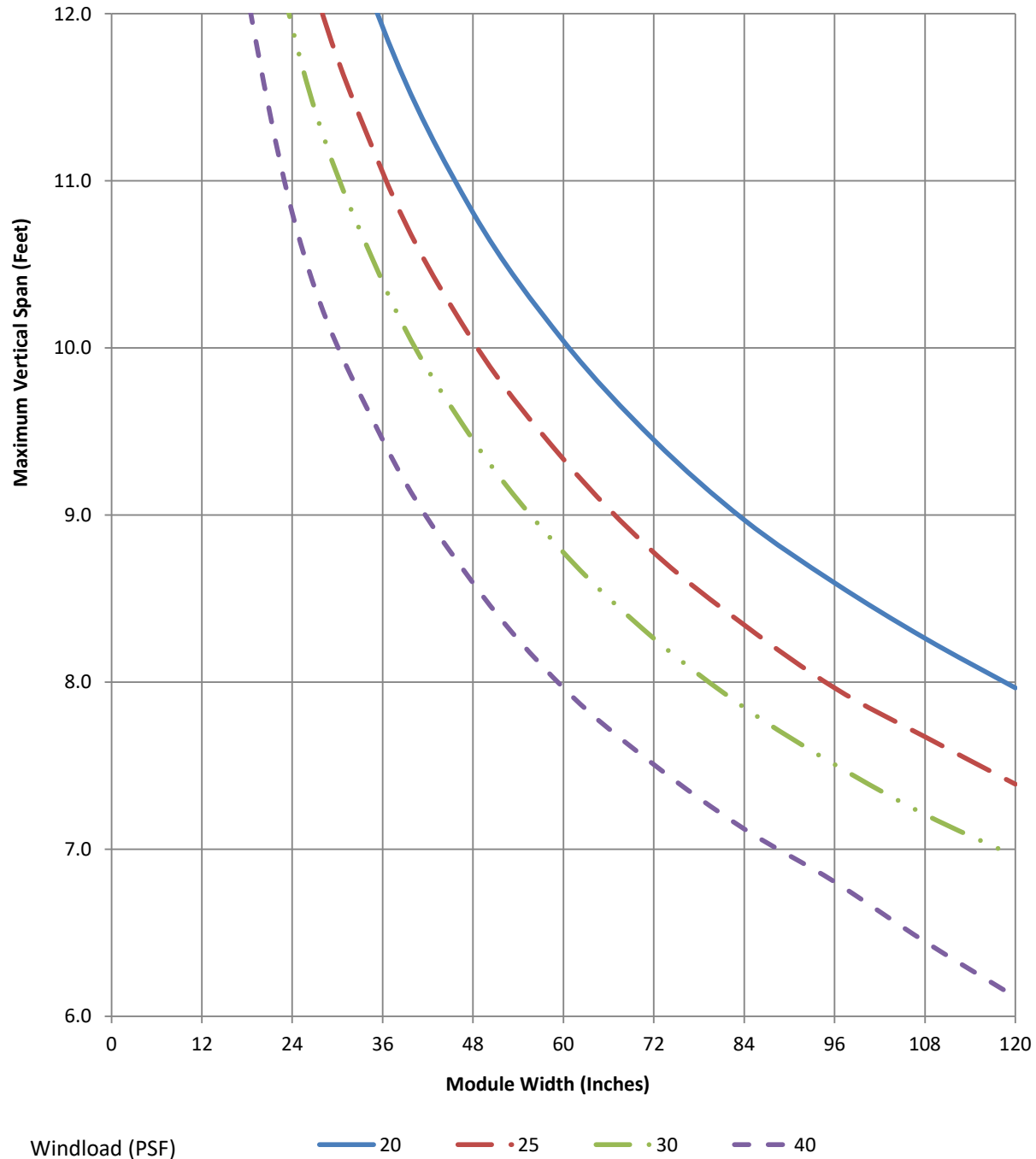
ARCHITECTURAL
METALSTUBELITE
SYSTEM

Alumicor

LINEPEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.335672	0.5061	1.48346	0.7474	1.46209	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_T15142

System:

T14000

Typical Use:

Door Jamb_CENTER PLANE SHALLOW POCKET OFFSET BREAK FILLER

Alloy:

6063 T6

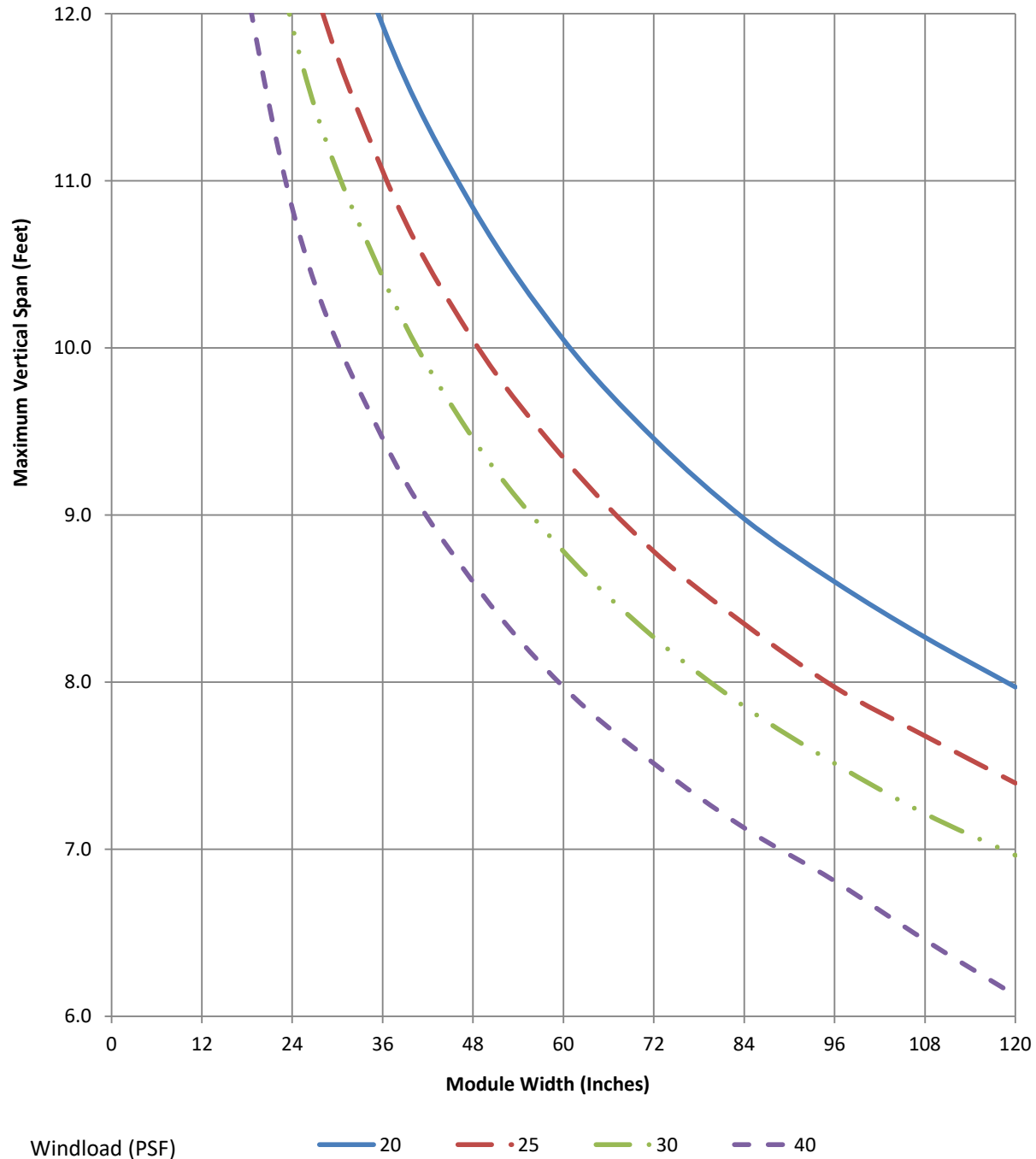
apogee

ARCHITECTURAL
METALSTUBELITE
SYSTEM

LINFEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.346181	0.4514	1.48813	0.80871	1.47785	0.5428	-0.0008	0.0049	1.9578	2.0073

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:

E15325_T15322

System:

T14000

Typical Use:

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

Alloy:

6063 T6

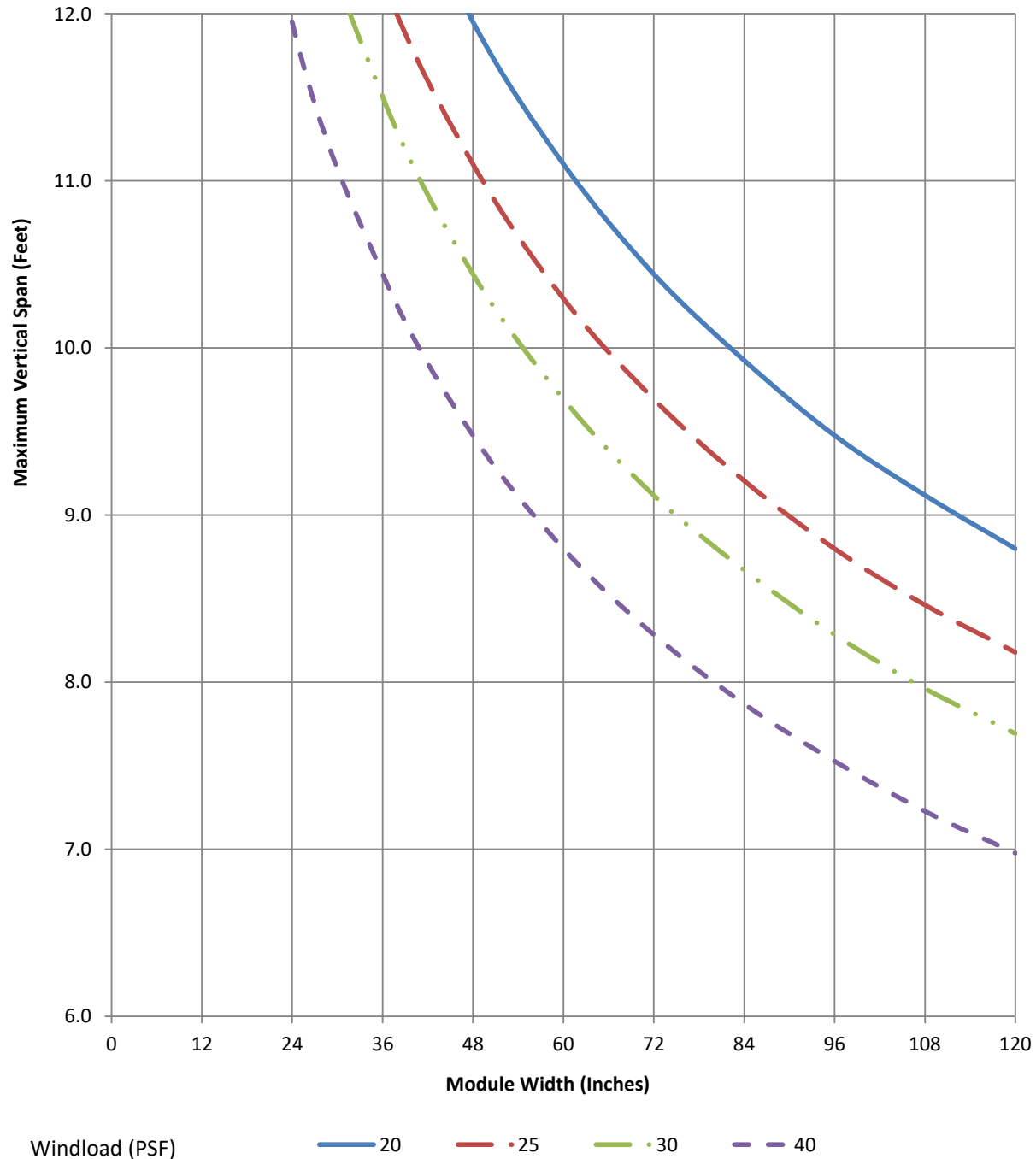
apogee

ARCHITECTURAL
METALSTUBELITE
SYSTEM

LINETEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
4.494873	0.4532	1.99772	0.33341	1.47212	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:

T15246_T15247_T15246

System:

T14000

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



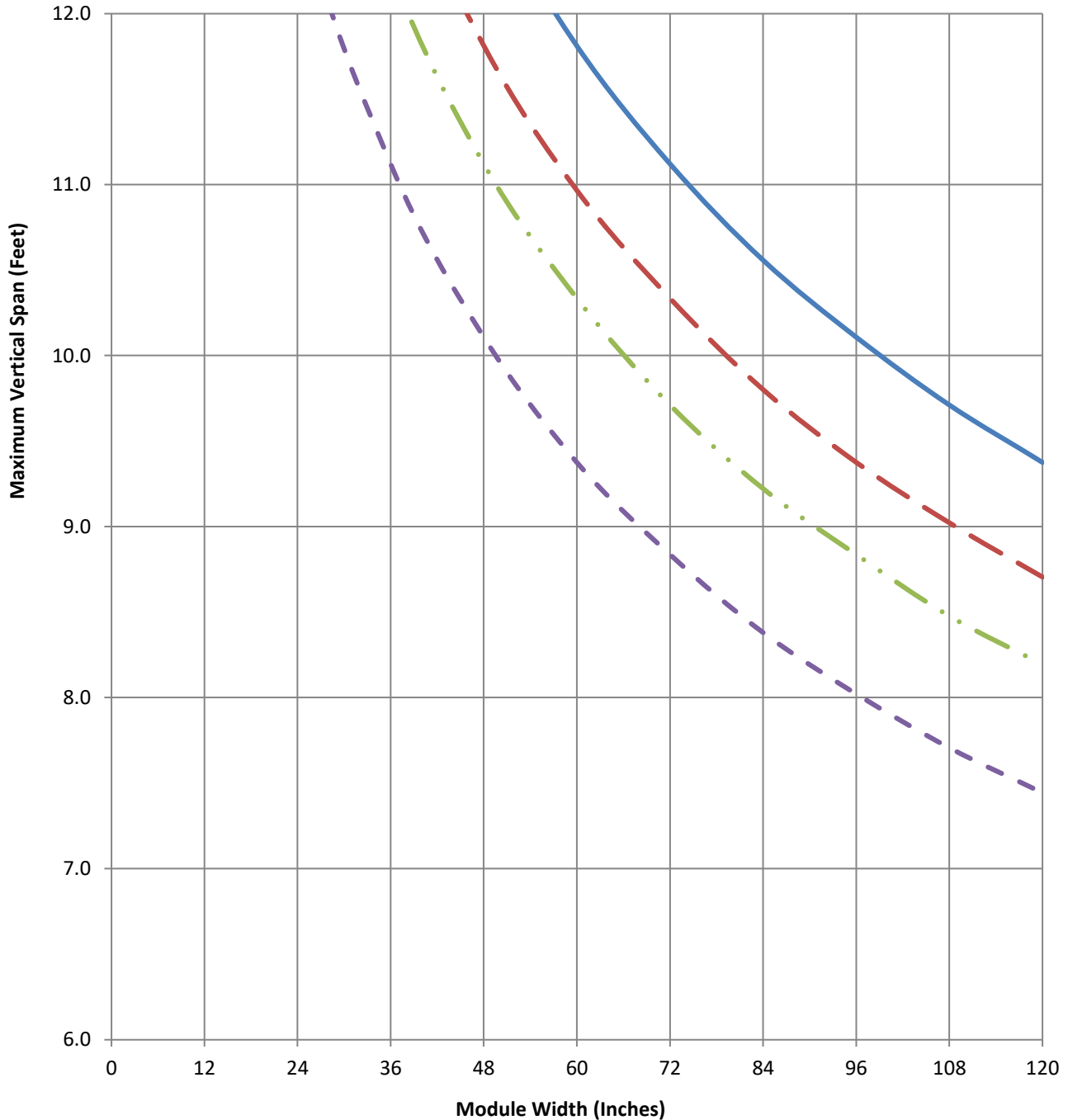
TUBELITE

Alumicor

LINTEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
5.43492	0.5625	2.38383	0.43969	1.41405	0.45491	0.6332	0.0068	1.9693	3.498

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:

T15000

System:

T14000

Typical Use:

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

Alloy:

6063 T6

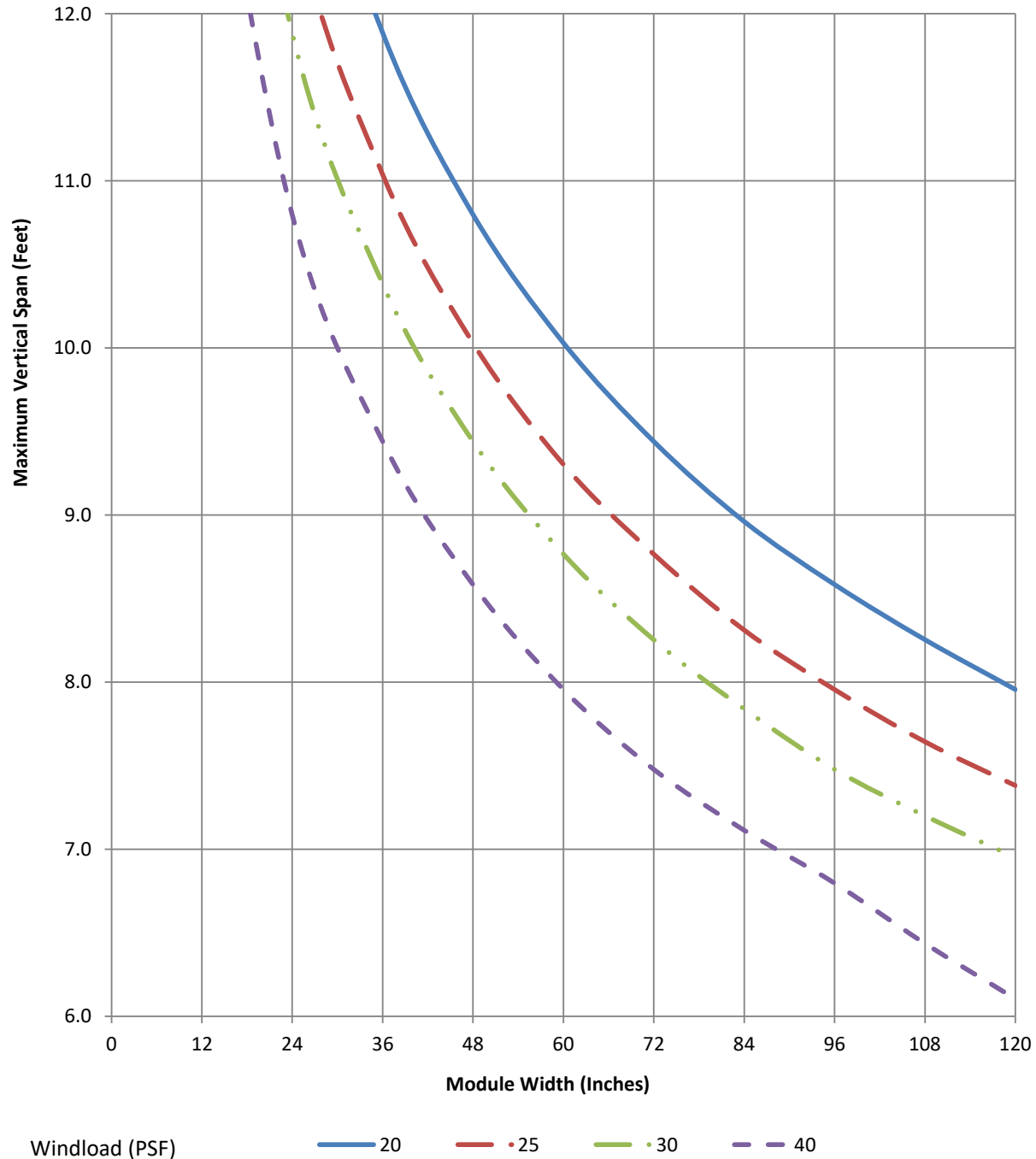
apogee

ARCHITECTURAL
METALSTUBELITE[®]

LINETEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.32103	0.6508	1.47591	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:

T15106_T15107

System:

T14000

Typical Use:

Center Plane, Expansion Vertical

Alloy:

6063 T6

apogee

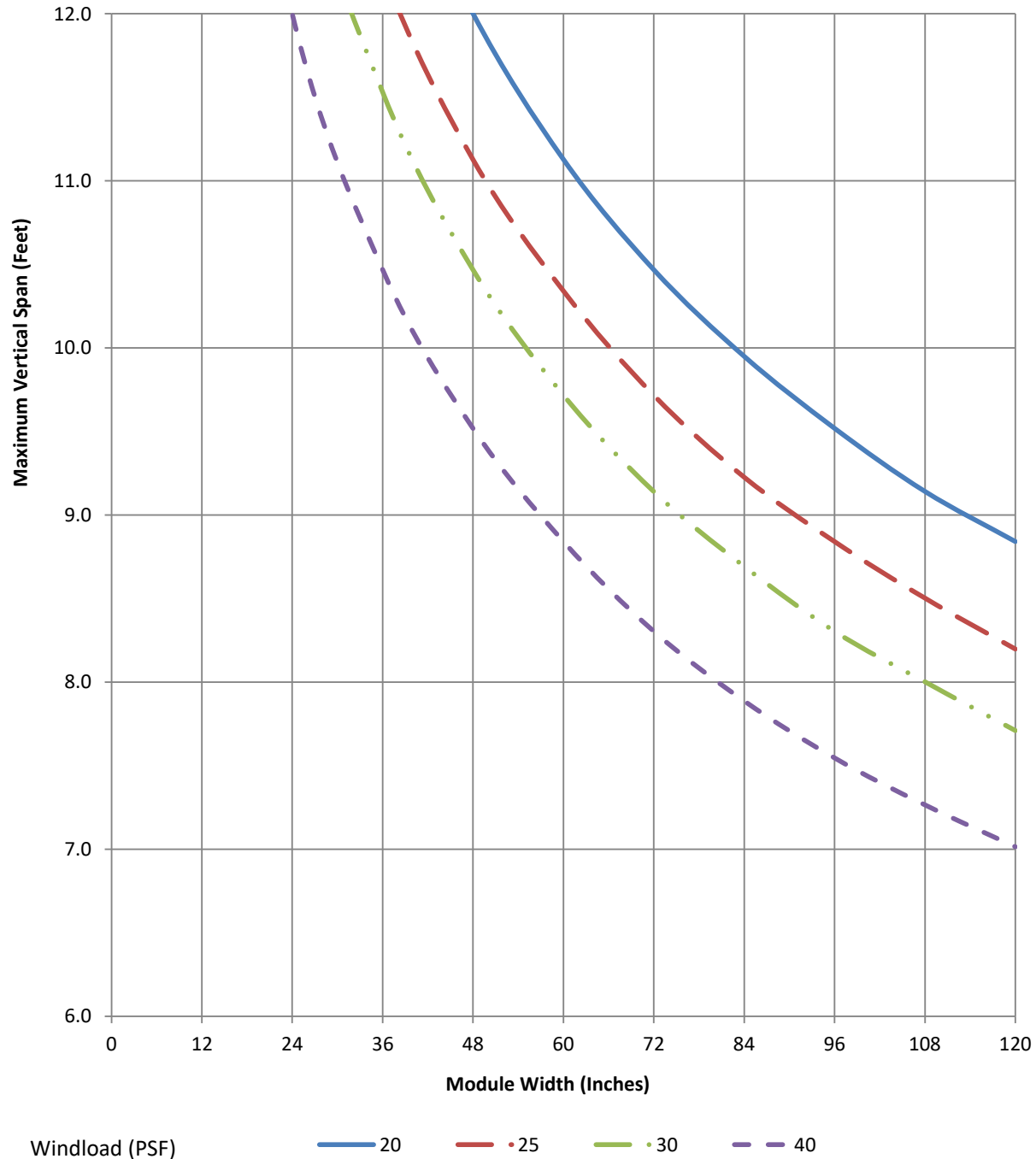
ARCHITECTURAL
METALSTUBELITE
SYSTEM

Alumicor

LINEPEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
4.5384	0.5543	2.01688	0.6277	1.51627	0.52991	0.0009	0.0047	2.7848	2.764

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:

T15119_T15119

System:

T14000

Typical Use:

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

Alloy:

6063 T6

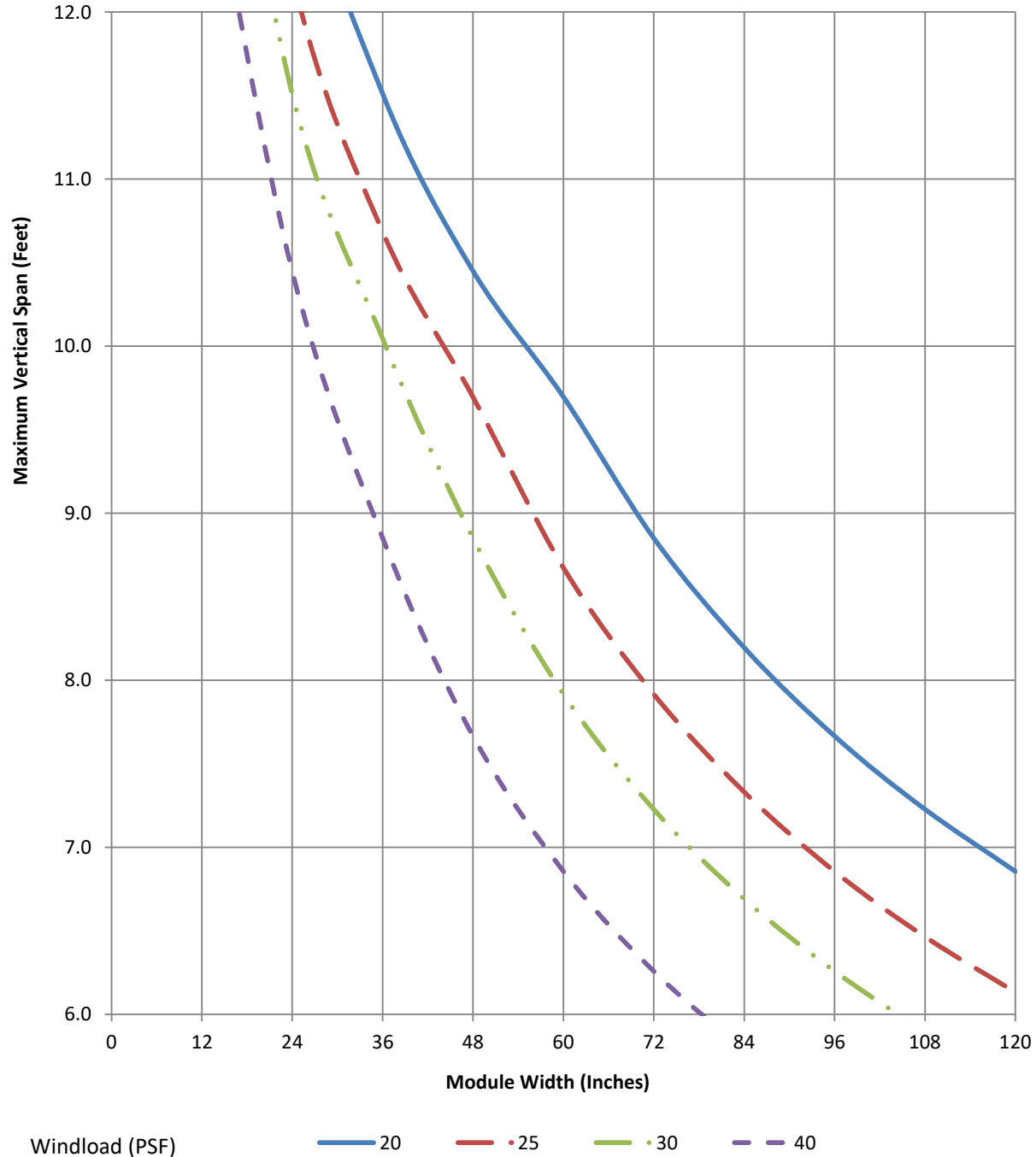
apogee

ARCHITECTURAL
METALSTUBELITE[®]
SYSTEM

LINETEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.00576	4.128	2.46264	2.794	1.21444	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:

T15141_T15142

System:

T14000

Typical Use:

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

Alloy:

6063 T6

apogee

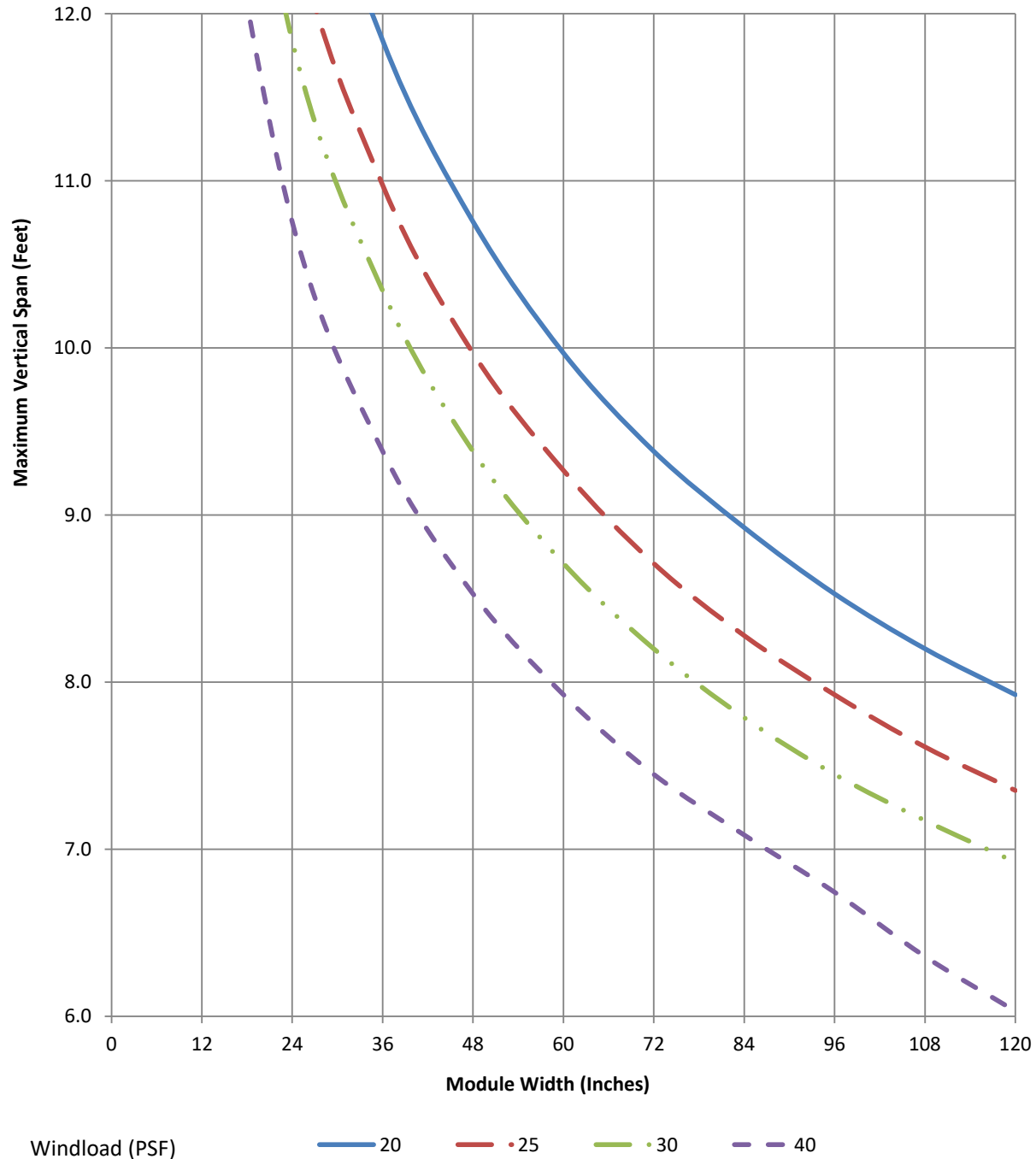
ARCHITECTURAL
METALSTUBELITE
SYSTEM

Alumicor

LINEPEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.268671	0.4455	1.46542	0.35901	1.43182	0.5286	0.02	0.004	2.2758	2.0863

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:

T15435_A154040

System:

T14000

Typical Use:

Center Plane, 2" x 4-1/2" Open-Back Heavy Vertical_Center Plane, 4-1/2" Assembled Thermal Shallow Pocket Filler

Alloy:

6063 T6

apogee

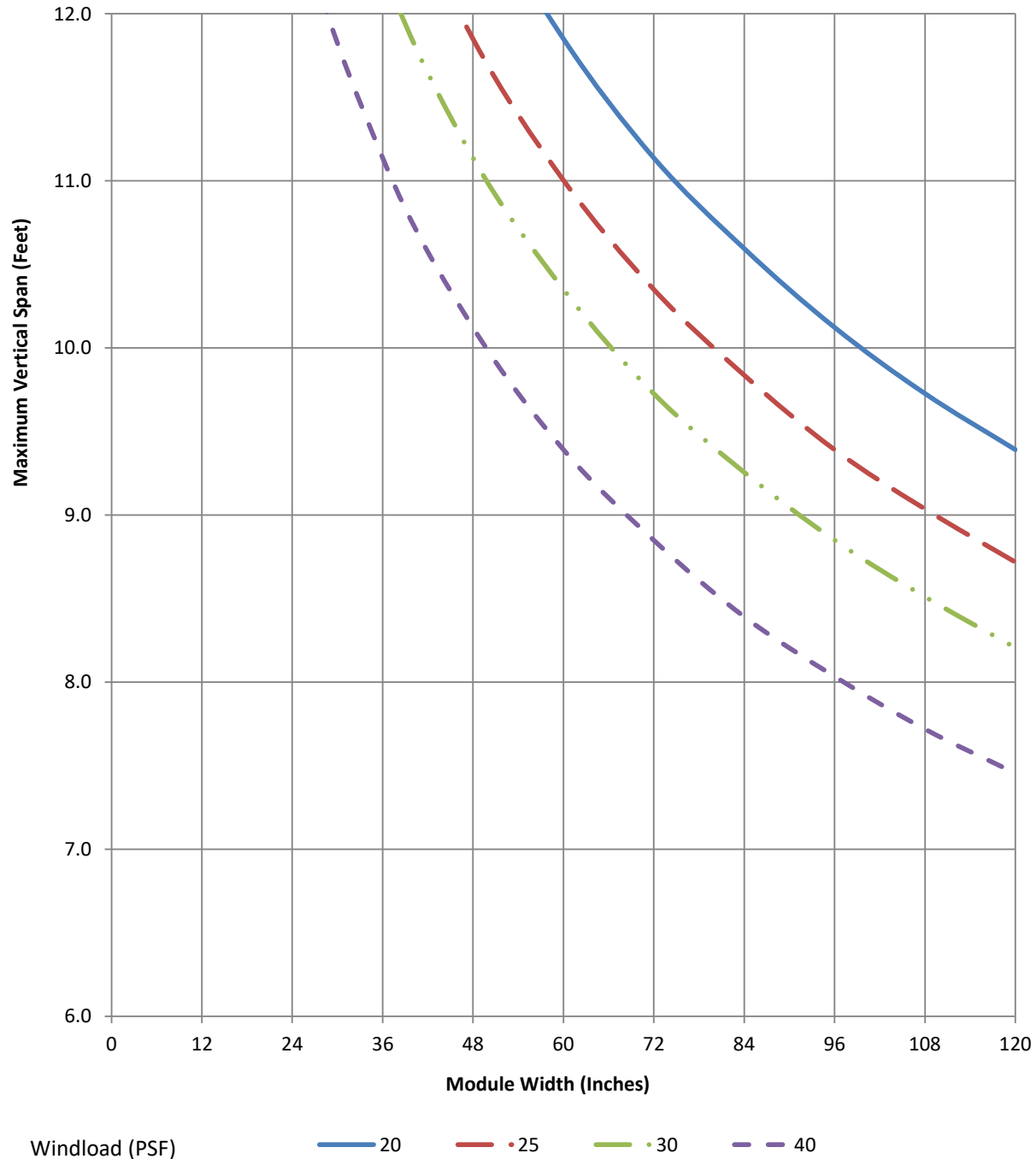
ARCHITECTURAL
METALSTUBELITE
THERMAST

Alumicor

LINETEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
5.4672	0.6287	2.42953	0.54613	1.61194	0.54662	0	0.0222	2.9468	3.2604

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:

T15441_A154040

System:

T14000

Typical Use:

Center Plane, 2" x 4-1/2" Head/Jamb/Vertical_Center Plane, 4-1/2" Assembled Thermal Shallow Pocket Filler

Alloy:

6063 T6

apogee

ARCHITECTURAL
METALS

TUBELITE

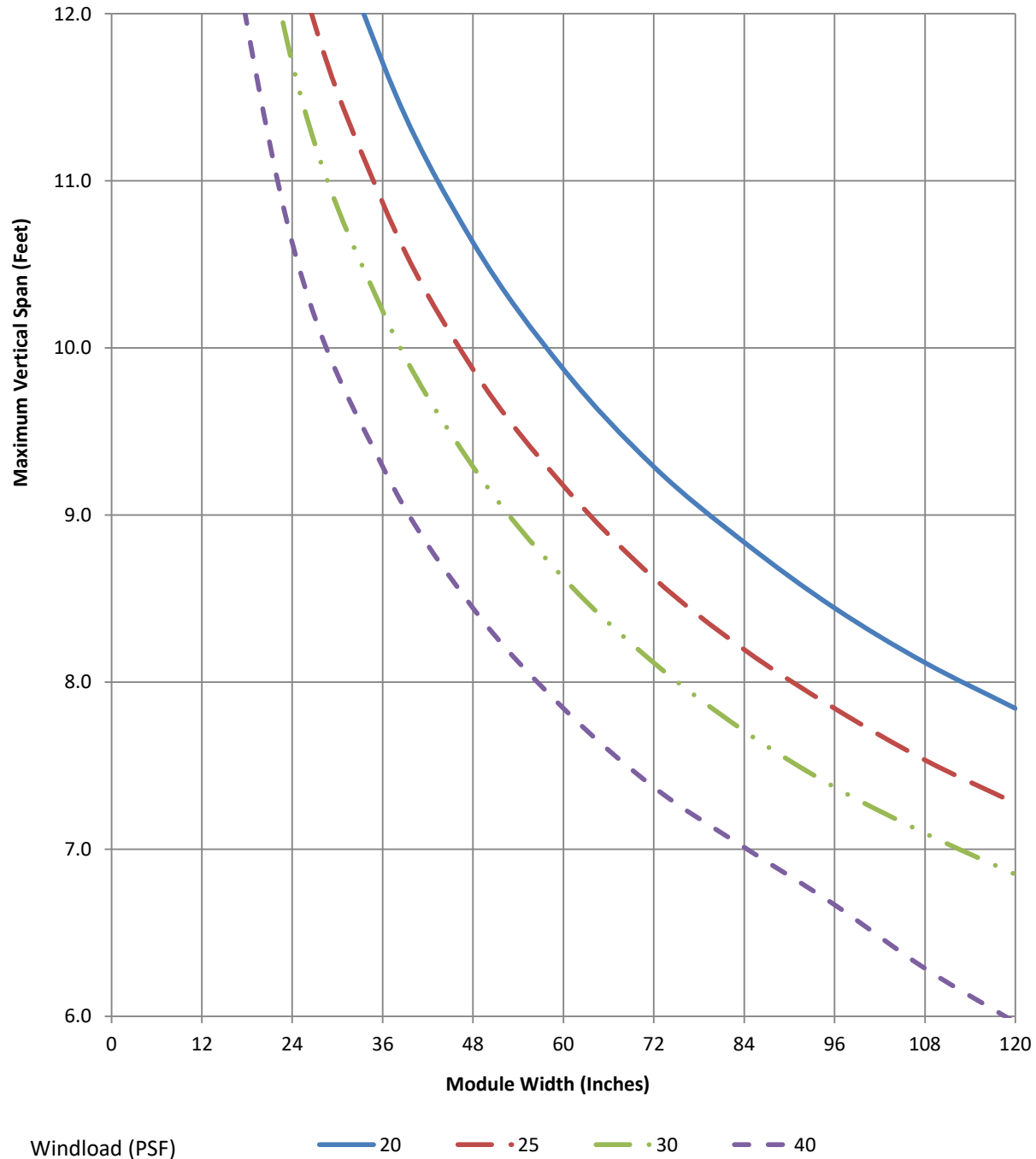


Alumicor

LINFTEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.1701	0.4375	1.40833	0.56257	1.43938	0.53472	0	0.0037	2.2908	2.0704

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:

T14249

System:

T14000

Typical Use:

Sunshade Vertical

Alloy:

6063 T6

apogee

ARCHITECTURAL
METALS

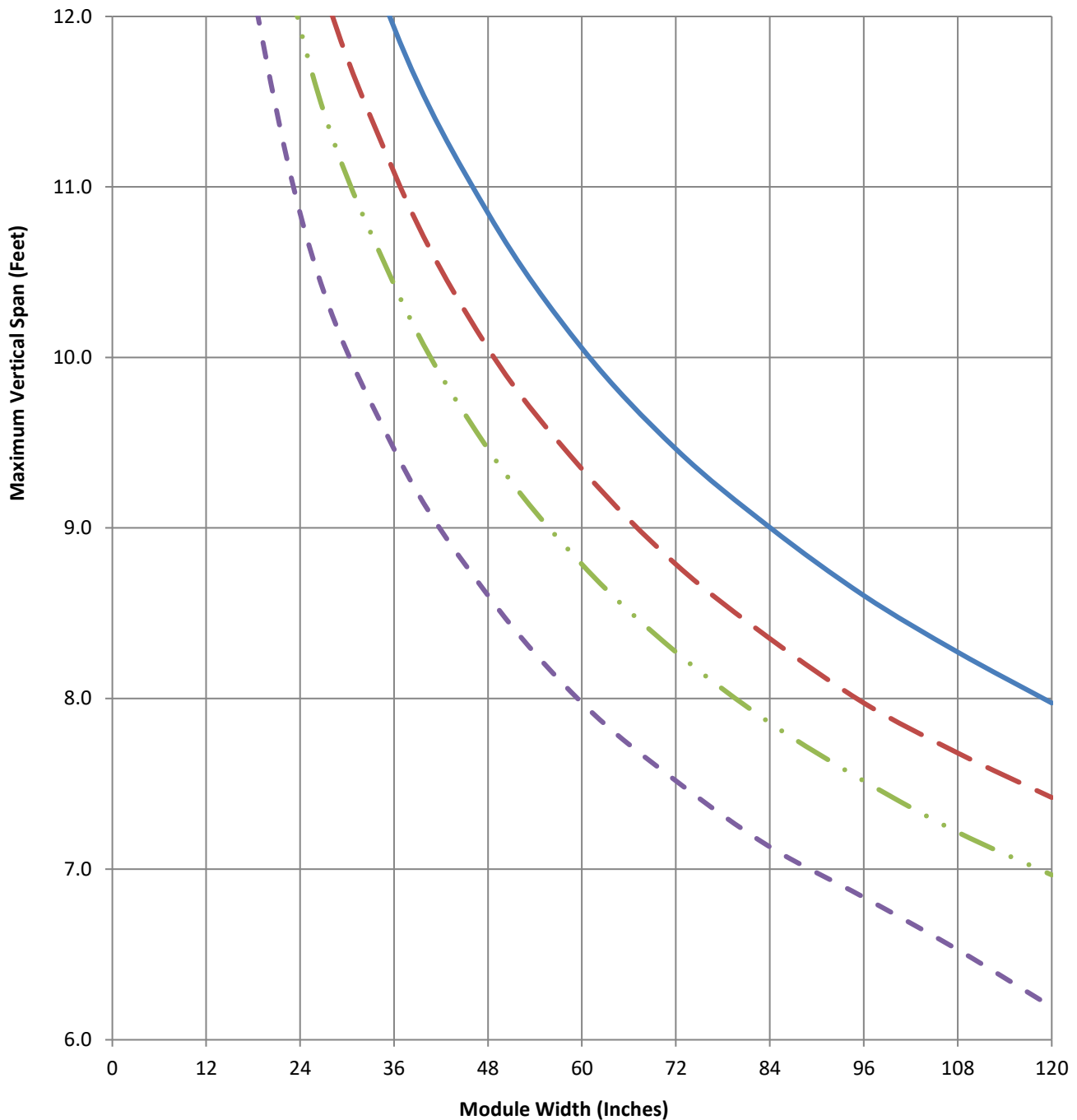
TUBELITE

Alumicor

LINEPEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.35265	0.7709	1.73631	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)

— 20

- - 25

... 30

- - 40

Extrusion:

T15261_A154040

System:

T14000

Typical Use:

Center Plane, 2" x 4-1/2" Vertical For Steel Loading_Center Plane, 4-1/2" Assembled Thermal Shallow Pocket Filler

Alloy:

6063 T6

apogee

ARCHITECTURAL
METALS

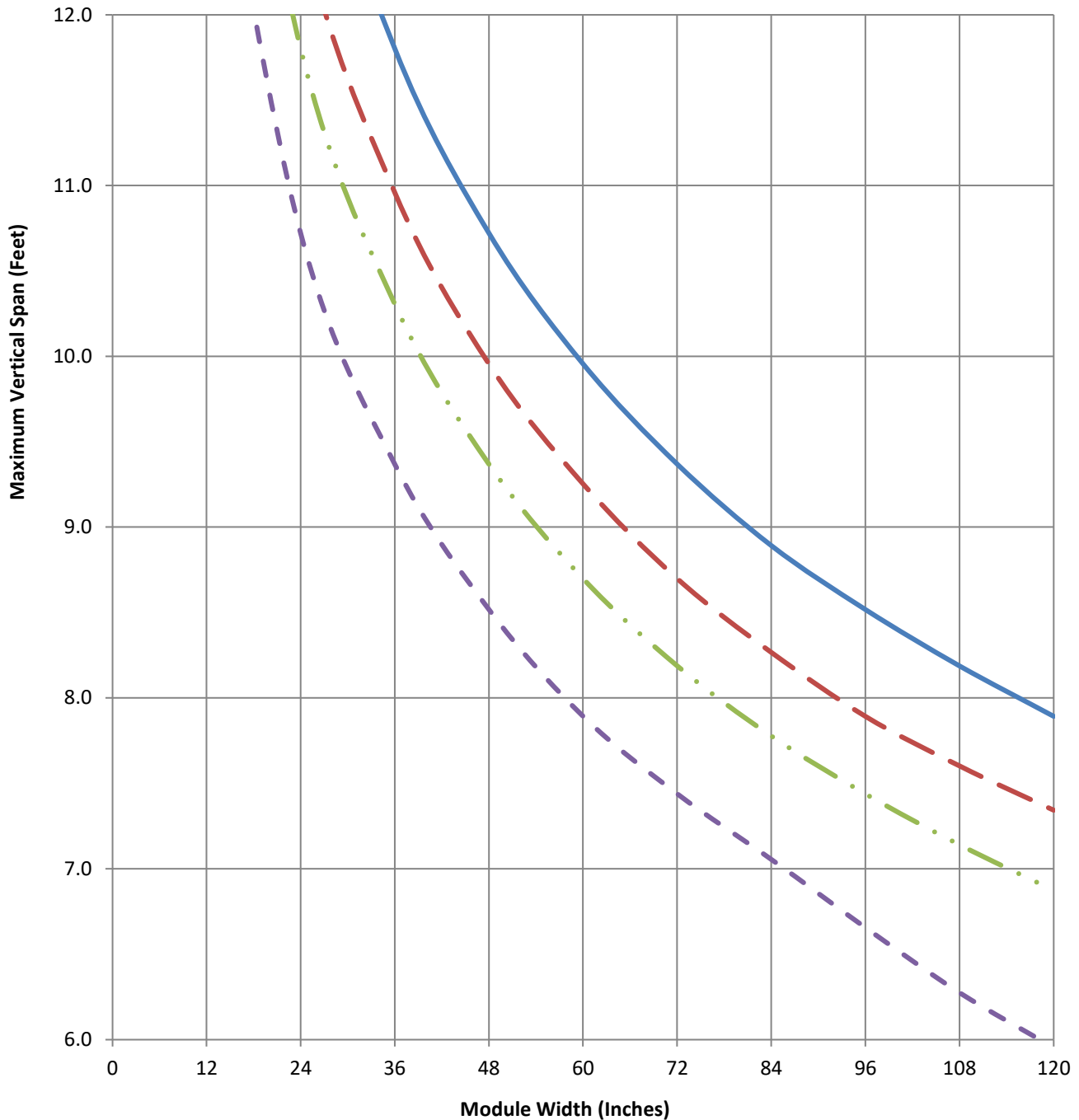
TUBELITE

Alumicor

LINEPEC

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
3.25101	0.4305	1.48919	0.58923	1.46435	0.53287	-0.1276	0.0038	2.4828	2.1134

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:

T15261_A154040 with P1437

apogee

ARCHITECTURAL
METALS

System:

T14000



Typical Use:

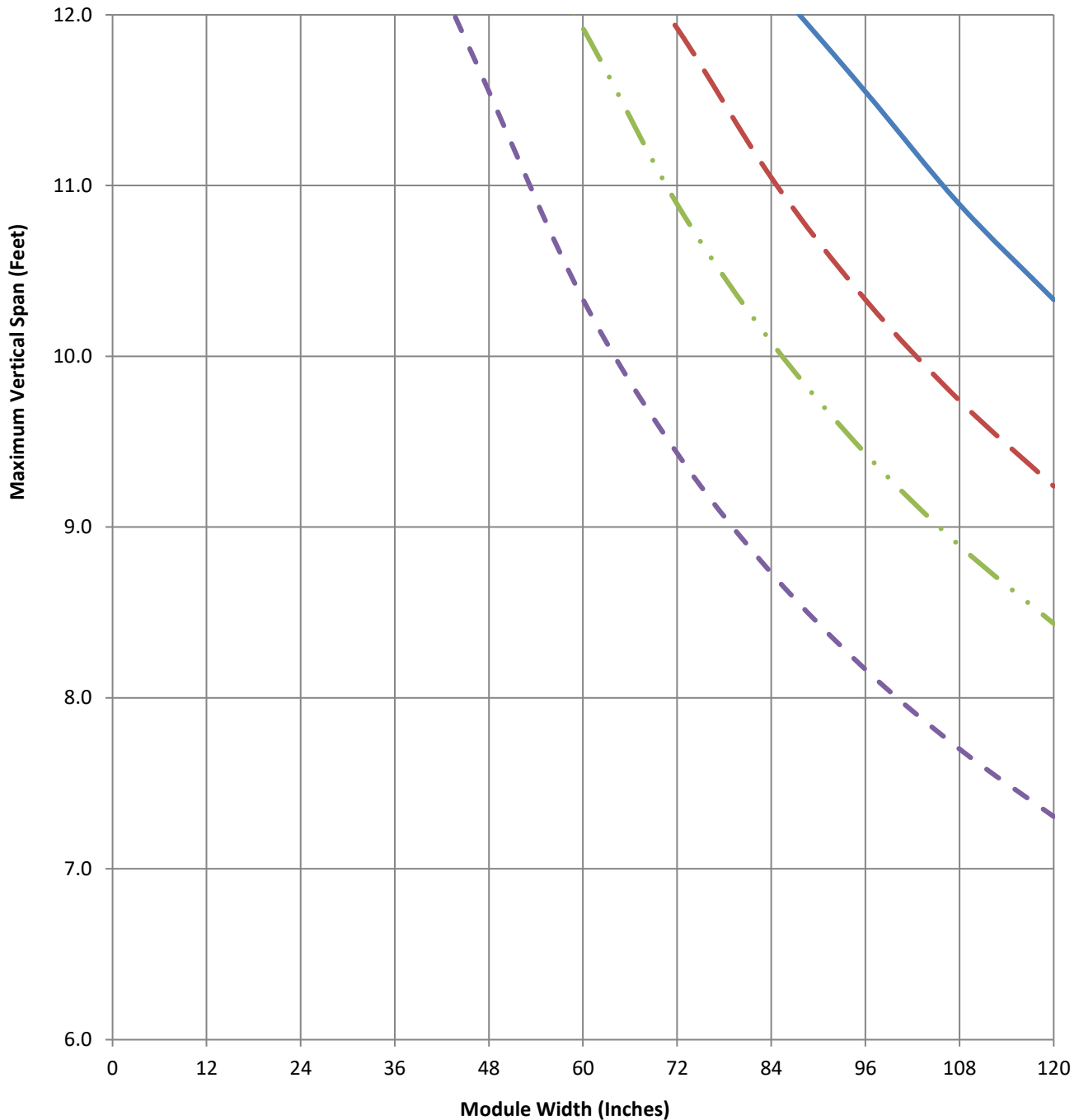
Center Plane, 2" x 4-1/2" Vertical For Steel Loading_Center Plane, 4-1/2" Assembled Thermal Shallow Pocket Filler

Alloy:

6063 T6

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
8.33761	0.5668	3.8192	0.77579	1.46435	0.53287	-0.1276	0.0038	2.4828	2.1134

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:

T15261_A154040 with P3437

System:

T14000

Typical Use:

Center Plane, 2" x 4-1/2" Vertical For Steel Loading_Center Plane, 4-1/2" Assembled Thermal Shallow Pocket Filler

Alloy:

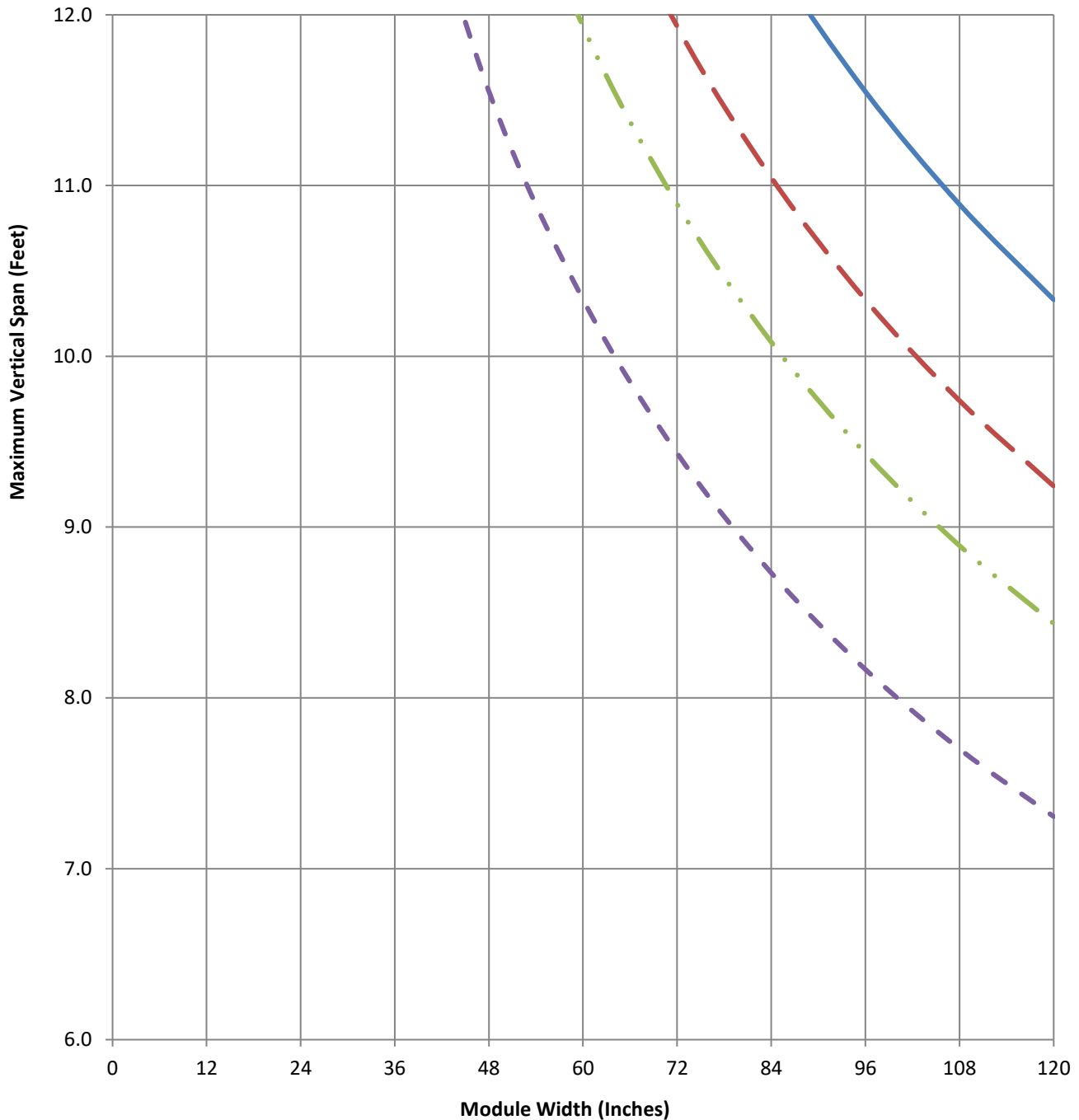
6063 T6

apogee

ARCHITECTURAL
METALS

Section Properties									
I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
9.56721	0.7031	4.38244	0.96234	1.46435	0.53287	-0.1276	0.0038	2.4828	2.1134

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:

T15425_A154040

System:

T14000

Typical Use:

2" x 4-1/2" Heavy Tube/Open Back Hybrid Vertical_Center Plane, 4-1/2" Assembled Thermal Shallow Pocket Filler

Alloy:

6063 T6

apogee

ARCHITECTURAL
METALSTUBELITE
UPGRADES

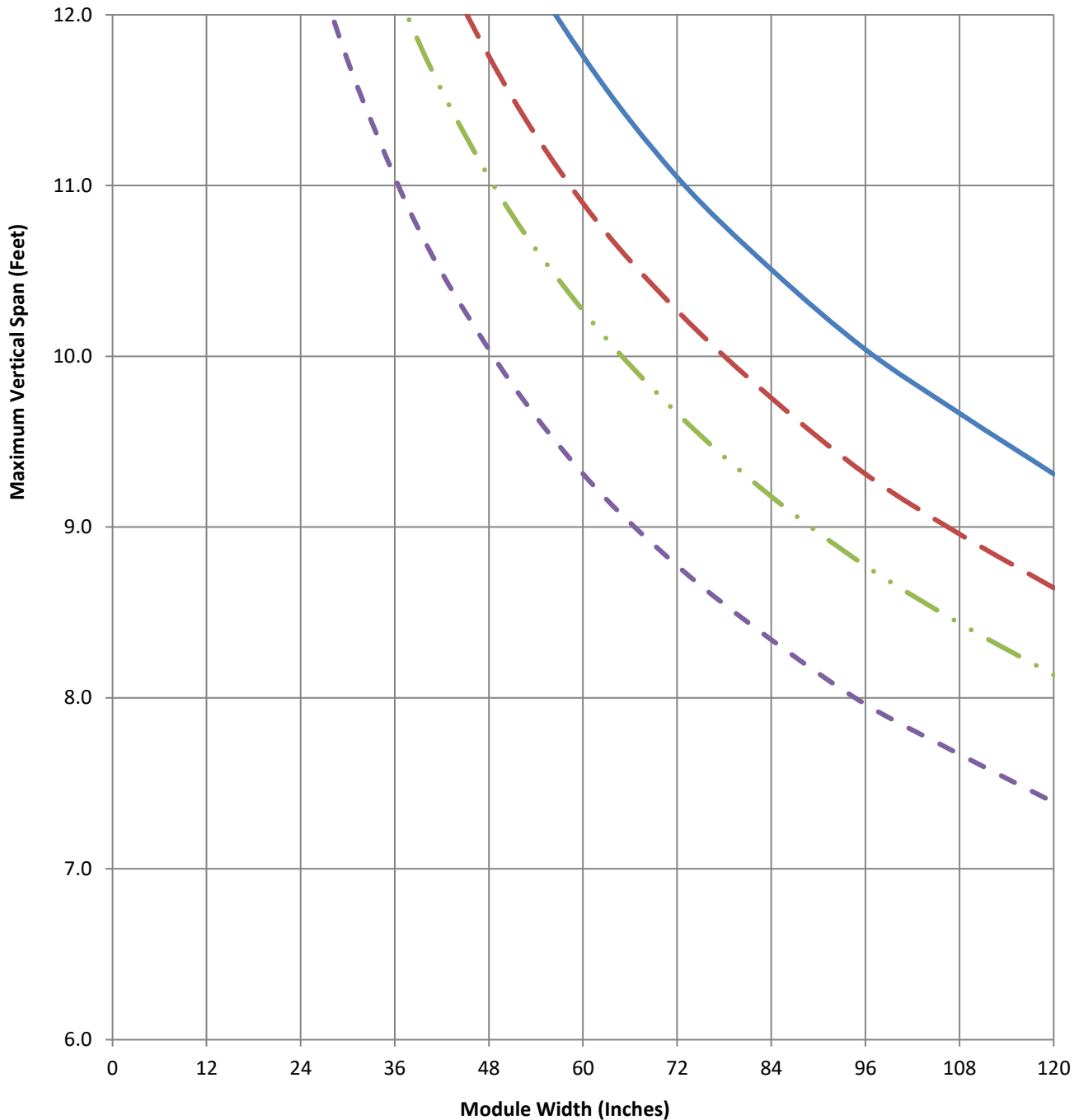
Alumicor

LINETEC

Section Properties

I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
5.33514	0.5764	2.37095	0.66054	1.55194	0.51011	0	0.4345	2.1218	3.2834

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:

T15449_T15450

System:

T14000

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:

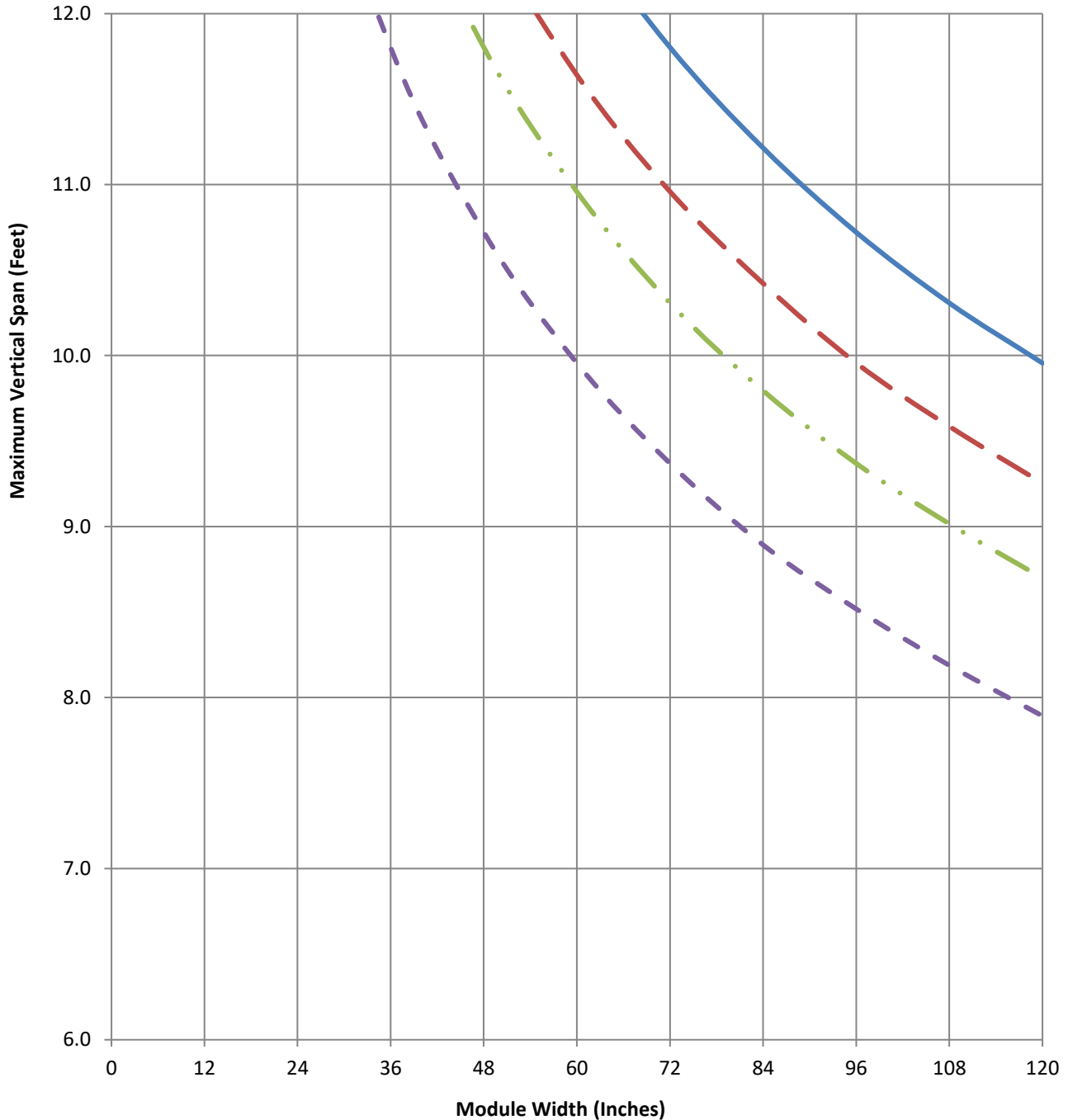
6063 T6

apogee ARCHITECTURAL
METALSTUBELITE
UNIVERSAL

Section Properties

I_x	I_y	S_x	S_y	R_x	R_y	β	J	Cw	Zx
6.50349	0.5007	2.89019	0.43565	1.54035	0.4274	0	0.3373	1.7168	3.96

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