

Bracket span
5'-6" Solar Panel
Exposure B Span Table

2012 International Building Code
Span Options: 120"-72"

Ground Snow Load
LL = 20 PSF
ASD Downward Load
110 -170 MPH

	0 PSF LL Governing 25 PSF	20 PSF LL Governing 25 PSF	30 PSF SNOW Governing 27.68 PSF	40 PSF SNOW Governing 35.24 PSF
	120"	120"	96"	72"

Code Wind Speeds

110 MPH
115 MPH
120 MPH
130 MPH
140 MPH
150 MPH
160 MPH
170 MPH

ASD Wind Uplift with 0.6*DL (PSF)

26.3
 28.8
 31.3
 36.7
 42.0
 48.9
 55.6
 62.8

Allowable Spans

108"
96"
96"
72"
72"
Consult Engineer
Consult Engineer
Consult Engineer

Engineer to determine if wind load, live load or snow load governs for specific site