



**ASCE 7-05 Exposure C Span and Cantilever Chart in Inches for flush mount of UD with 66" Maximum Module Length and building height ≤30 feet**

Snow Load, Pg (psf)	Wind Speed (mph)											Roof Pitch	
	90	100	105	110	120	130	140	150	160	170	180		
0	161	146	140	134	124	115	107	100	94	89	84	0 ≤ 7°	
10	149	140	136	132	124	115	107	100	94	89	84		
15	138	131	127	124	118	112	106	100	94	89	84		
20	129	123	120	117	112	107	102	97	93	89	84		
25	122	117	114	112	107	103	98	94	90	87	83		
30	116	111	109	107	103	99	95	91	88	84	81		
40	106	102	101	99	96	92	89	86	83	80	77		
50	98	95	94	92	90	87	84	82	79	77	74		
60	90	89	88	87	85	82	80	78	76	73	71		
0	168	153	147	141	130	121	113	105	99	93	88		7° < 0 ≤ 27°
10	153	145	140	136	129	121	113	105	99	93	88		
15	142	135	131	128	121	116	110	105	99	93	88		
20	132	126	123	121	115	110	105	101	97	93	88		
25	124	119	117	115	110	106	101	97	93	90	86		
30	118	114	111	109	105	101	98	94	90	87	84		
40	107	104	102	101	98	94	91	88	85	83	80		
50	98	97	95	94	91	89	86	84	81	79	76		
60	90	90	89	88	86	84	82	80	77	75	73		
0	161	146	140	132	124	115	107	100	94	89	84	27° < 0 ≤ 45°	
10	149	140	136	132	124	115	107	100	94	89	84		
15	138	131	127	124	118	112	106	100	94	89	84		
20	129	123	120	117	112	107	102	97	93	89	84		
25	122	117	114	112	107	103	98	94	90	87	83		
30	116	111	109	107	103	99	95	91	88	84	81		
40	106	102	101	99	96	92	89	86	83	80	77		
50	98	95	94	92	90	87	84	82	79	77	74		
60	90	89	88	87	85	82	80	78	76	73	71		

Assumptions: Tabulated values only apply to rail stress, the connecting support is not considered. These values are only for Gable Roofs with a mean height below or equal to 30 feet. For roof heights over this limit or conditions not specified please contact DPW Solar for consultation.

**ASCE 7-05 Exposure C Span and Cantilever Chart in Inches for flush mount of UD with 77" Maximum Module Length and building height ≤30 feet**

Snow Load, Pg (psf)	Wind Speed (mph)											Roof Pitch	
	90	100	105	110	120	130	140	150	160	170	180		
0	149	135	130	124	115	106	99	93	87	82	78	0 ≤ 7°	
10	138	130	126	122	115	106	99	93	87	82	78		
15	128	121	118	115	109	103	98	93	87	82	78		
20	120	114	111	109	104	99	94	90	86	82	78		
25	113	108	106	104	99	95	91	87	84	80	77		
30	107	103	101	99	95	91	88	84	81	78	75		
40	98	95	93	92	88	85	82	80	77	74	72		
50	91	88	87	85	83	80	78	75	73	71	69		
60	83	83	82	81	78	76	74	72	70	68	66		
0	156	142	136	130	120	112	104	98	92	87	82		7° < 0 ≤ 27°
10	142	134	130	126	119	112	104	98	92	87	82		
15	131	125	121	118	112	107	102	97	92	87	82		
20	122	117	114	112	107	102	98	93	89	86	82		
25	115	111	108	106	102	98	94	90	86	83	80		
30	109	105	103	101	98	94	90	87	84	81	78		
40	99	96	95	93	90	87	85	82	79	76	74		
50	91	89	88	87	85	82	80	77	75	73	71		
60	83	83	83	82	80	78	76	74	72	70	68		
0	149	135	130	124	115	106	99	93	87	82	78	27° < 0 ≤ 45°	
10	138	130	126	122	115	106	99	93	87	82	78		
15	128	121	118	115	109	103	98	93	87	82	78		
20	120	114	111	109	104	99	94	90	86	82	78		
25	113	108	106	104	99	95	91	87	84	80	77		
30	107	103	101	99	95	91	88	84	81	78	75		
40	98	95	93	92	88	85	82	80	77	74	72		
50	91	88	87	85	83	80	78	75	73	71	69		
60	83	83	82	81	78	76	74	72	70	68	66		

Assumptions: Tabulated values only apply to rail stress, the connecting support is not considered. These values are only for Gable Roofs with a mean height below or equal to 30 feet. For roof heights over this limit or conditions not specified please contact DPW Solar for consultation.