



**ASCE 7-05 Exposure C Span and Cantilever Chart in Inches for flush mount of P4 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	57	52	49	47	44	40	38	35	33	31	29	0 ≤ 7°
10	53	49	48	46	44	40	38	35	33	31	29	
15	49	46	45	44	41	39	37	35	33	31	29	
20	46	43	42	41	39	38	36	34	33	31	29	
25	43	41	40	39	38	36	35	33	32	30	29	
30	41	39	38	38	36	35	33	32	31	30	28	
40	37	36	35	35	34	32	31	30	29	28	27	
50	34	33	33	32	31	31	30	29	28	27	26	
60	32	31	31	31	30	29	28	27	26	26	25	
0	59	54	52	49	46	42	40	37	35	33	31	7° < 0 ≤ 27°
10	54	51	49	48	45	42	40	37	35	33	31	
15	50	47	46	45	43	41	39	37	35	33	31	
20	47	44	43	42	41	39	37	35	34	33	31	
25	44	42	41	40	39	37	36	34	33	32	30	
30	41	40	39	38	37	36	34	33	32	31	29	
40	38	37	36	35	34	33	32	31	30	29	28	
50	35	34	33	33	32	31	30	29	28	28	27	
60	32	32	31	31	30	29	29	28	27	26	26	
0	57	52	49	47	44	40	38	35	33	31	29	27° < 0 ≤ 45°
10	53	49	48	46	44	40	38	35	33	31	29	
15	49	46	45	44	41	39	37	35	33	31	29	
20	46	43	42	41	39	38	36	34	33	31	29	
25	43	41	40	39	38	36	35	33	32	30	29	
30	41	39	38	38	36	35	33	32	31	30	28	
40	37	36	35	35	34	32	31	30	29	28	27	
50	34	33	33	32	31	31	30	29	28	27	26	
60	32	31	31	31	30	29	28	27	26	26	25	

**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 PLP for consultation.**

**ASCE 7-05 Exposure C Span and Cantilever Chart in Inches for flush mount of P4 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	52	48	46	44	40	37	35	33	31	29	27	0 ≤ 7°
10	49	46	44	43	40	37	35	33	31	29	27	
15	45	43	41	40	38	36	35	33	31	29	27	
20	42	40	39	38	36	35	33	32	30	29	27	
25	40	38	37	36	35	33	32	31	29	28	27	
30	38	36	36	35	33	32	31	30	28	27	26	
40	34	33	33	32	31	30	29	28	27	26	25	
50	32	31	30	30	29	28	27	26	25	24	24	
60	29	29	29	28	27	27	26	25	24	24	23	
0	55	50	48	46	42	39	37	34	32	30	29	7° < 0 ≤ 27°
10	50	47	46	44	42	39	37	34	32	30	29	
15	46	44	43	42	40	38	36	34	32	30	29	
20	43	41	40	39	38	36	34	33	31	30	29	
25	40	39	38	37	36	34	33	32	30	29	28	
30	38	37	36	36	34	33	32	31	29	28	27	
40	35	34	33	33	32	31	30	29	28	27	26	
50	32	31	31	31	30	29	28	27	26	25	25	
60	29	29	29	29	28	27	27	26	25	24	24	
0	52	48	46	44	40	37	35	33	31	29	27	27° < 0 ≤ 45°
10	49	46	44	43	40	37	35	33	31	29	27	
15	45	43	41	40	38	36	35	33	31	29	27	
20	42	40	39	38	36	35	33	32	30	29	27	
25	40	38	37	36	35	33	32	31	29	28	27	
30	38	36	36	35	33	32	31	30	28	27	26	
40	34	33	33	32	31	30	29	28	27	26	25	
50	32	31	30	30	29	28	27	26	25	24	24	
60	29	29	29	28	27	27	26	25	24	24	23	

**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 PLP for consultation.**