



ASCE 7-05 Exposure C Span and Cantilever Chart in Inches for flush mount of P8 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	114	104	99	95	88	82	76	71	67	63	60	0 ≤ 7°	
10	106	99	96	94	88	83	79	75	71	67	63		
15	98	93	90	88	83	79	75	71	67	63	60		
20	92	87	85	83	79	76	72	69	66	63	60		
25	87	83	81	79	76	73	70	67	64	61	59		
30	82	79	77	76	73	70	67	65	62	60	58		
40	75	73	71	70	68	65	63	61	59	57	55		
50	69	68	67	66	64	62	60	58	56	54	53		
60	64	63	63	62	60	58	57	55	54	52	51		
0	120	109	104	100	92	86	80	75	70	66	63		7° < 0 ≤ 27°
10	109	103	100	97	91	86	80	75	70	66	63		
15	101	96	93	91	86	82	78	74	70	66	63		
20	94	90	88	86	82	78	75	72	69	66	63		
25	88	85	83	81	78	75	72	69	66	64	61		
30	84	81	79	78	75	72	69	67	64	62	60		
40	76	74	73	72	69	67	65	63	61	59	57		
50	70	69	68	67	65	63	61	59	58	56	54		
60	64	64	63	63	61	60	58	56	55	53	52		
0	114	104	99	95	88	82	76	71	67	63	60	27° < 0 ≤ 45°	
10	106	99	96	94	88	83	79	75	71	67	63		
15	98	93	90	88	83	79	75	71	67	63	60		
20	92	87	85	83	79	76	72	69	66	63	60		
25	87	83	81	79	76	73	70	67	64	61	59		
30	82	79	77	76	73	70	67	65	62	60	58		
40	75	73	71	70	68	65	63	61	59	57	55		
50	69	68	67	66	64	62	60	58	56	54	53		
60	64	63	63	62	60	58	57	55	54	52	51		

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 P8 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	106	96	92	88	81	75	70	66	62	58	55	0 ≤ 7°	
10	98	92	89	87	81	75	70	66	62	58	55		
15	91	86	84	81	77	73	70	66	62	58	55		
20	85	81	79	77	74	70	67	64	61	58	55		
25	80	77	75	73	70	67	64	62	59	57	55		
30	76	73	72	70	68	65	62	60	58	55	53		
40	69	67	66	65	63	61	58	56	54	53	51		
50	64	62	62	61	59	57	55	54	52	50	49		
60	59	59	58	57	56	54	53	51	50	48	47		
0	111	101	97	93	85	79	74	69	65	61	58		7° < 0 ≤ 27°
10	101	95	92	90	85	79	74	69	65	61	58		
15	93	88	86	84	80	76	72	69	65	61	58		
20	87	83	81	79	76	72	69	66	63	61	58		
25	82	78	77	75	72	69	67	64	61	59	57		
30	77	75	73	72	69	67	64	62	59	57	55		
40	70	68	67	66	64	62	60	58	56	54	52		
50	65	63	63	62	60	58	57	55	53	52	50		
60	59	59	59	58	57	55	54	52	51	49	48		
0	106	96	92	88	81	75	70	66	62	58	55	27° < 0 ≤ 45°	
10	98	92	89	87	81	75	70	66	62	58	55		
15	91	86	84	81	77	73	70	66	62	58	55		
20	85	81	79	77	74	70	67	64	61	58	55		
25	80	77	75	73	70	67	64	62	59	57	55		
30	76	73	72	70	68	65	62	60	58	55	53		
40	69	67	66	65	63	61	58	56	54	52	50		
50	64	62	62	61	59	57	55	54	52	50	49		
60	59	59	58	57	56	54	53	51	50	48	47		

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.