



ASCE 7-05 Exposure C Span and Cantilever Chart in Inches for flush mount of P14 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	245	223	213	204	189	175	163	153	144	135	128	0 ≤ 7°
10	92	87	84	82	78	74	70	67	65	62	59	
15	88	84	83	81	78	74	70	67	65	62	59	
20	83	80	79	78	75	72	70	67	65	62	59	
25	80	77	76	75	73	70	68	66	64	62	59	
30	77	75	74	72	70	68	66	65	63	62	58	
40	74	72	71	70	69	67	65	64	62	60	57	
50	70	68	68	67	65	64	62	60	58	56	54	
60	66	65	64	64	63	61	59	57	56	54	52	
0	256	234	224	214	198	184	172	161	151	143	135	7° < 0 ≤ 27°
10	95	90	87	85	80	76	73	70	67	64	62	
15	90	86	84	83	80	76	73	70	67	64	62	
20	85	82	81	79	77	74	72	69	67	64	62	
25	81	79	77	76	74	72	70	68	66	64	62	
30	78	76	75	74	72	70	68	66	64	63	61	
40	75	73	72	71	70	68	66	65	63	61	59	
50	70	69	68	68	66	65	63	62	60	58	56	
60	66	66	65	65	63	62	61	59	57	55	54	
0	245	223	213	204	189	175	163	153	144	135	128	27° < 0 ≤ 45°
10	92	87	84	82	78	74	70	67	65	62	59	
15	88	84	83	81	78	74	70	67	65	62	59	
20	83	80	79	78	75	72	70	67	65	62	59	
25	80	77	76	75	73	70	68	66	64	62	59	
30	77	75	74	72	70	68	66	65	63	62	58	
40	74	72	71	70	69	67	65	64	62	60	57	
50	70	68	68	67	65	64	62	60	58	56	54	
60	66	65	64	64	63	61	59	57	56	54	52	

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 P14 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	227	206	197	189	175	162	151	141	133	125	119	0 ≤ 7°
10	88	82	80	78	74	70	67	64	61	58	55	
15	83	80	78	77	74	70	67	64	61	58	55	
20	79	76	75	74	71	69	66	64	61	58	55	
25	76	73	72	71	69	67	65	63	61	59	55	
30	72	71	70	69	67	65	63	61	59	57	54	
40	68	68	68	67	65	63	62	60	58	56	53	
50	64	63	62	61	60	58	57	55	53	51	50	
60	60	59	58	57	55	54	52	51	49	48	46	
0	237	216	207	199	183	170	159	149	140	132	125	7° < 0 ≤ 27°
10	90	85	83	82	76	72	69	66	63	61	58	
15	85	82	80	79	76	72	69	66	63	61	58	
20	81	78	77	75	73	70	68	66	64	62	58	
25	77	75	74	72	70	68	66	64	62	60	56	
30	74	72	71	70	68	66	64	63	61	59	55	
40	71	70	69	68	66	64	63	61	59	57	54	
50	67	66	65	64	63	61	59	57	55	53	50	
60	63	62	62	61	59	58	56	54	53	51	48	
0	227	206	197	189	175	162	151	141	133	125	119	27° < 0 ≤ 45°
10	88	82	80	78	74	70	67	64	61	58	55	
15	83	80	78	77	74	70	67	64	61	58	55	
20	79	76	75	74	71	69	66	64	61	58	55	
25	76	73	72	71	69	67	65	63	61	59	55	
30	72	71	70	69	67	65	63	61	59	57	54	
40	68	68	68	67	65	63	62	60	58	56	53	
50	64	63	62	61	60	58	57	55	53	51	50	
60	60	59	58	57	55	54	52	51	49	48	46	

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.