



ASCE 7-10 Exposure B Span and Cantilever Chart in Inches for flush mount of P4 rail with 66" Maximum Module Length and building height ≤30													
Snow Load, Pg (psf)	Windspeed (mph)												Roof Pitch
	105	110	115	120	130	140	150	160	165	170	180	200	
0	71	69	66	64	60	56	52	49	48	47	44	40	
10	60	59	58	57	54	52	48	45	44	43	42	39	
15	55	54	53	52	50	48	47	45	44	43	42	39	
20	50	50	49	48	47	45	44	42	42	41	40	37	
25	47	46	46	45	44	43	41	40	40	39	38	36	
30	44	44	43	43	41	40	39	38	38	37	36	35	
40	38	38	38	38	38	37	36	35	35	35	34	32	
50	35	35	35	35	35	34	34	33	33	32	32	30	
60	32	32	32	32	32	32	31	31	31	30	30	29	
0	74	72	69	67	62	58	55	52	50	49	47	42	
10	62	60	59	58	56	54	52	50	49	48	46	42	
15	56	55	54	53	51	49	48	46	45	45	43	40	
20	51	50	50	49	48	46	45	44	43	42	41	39	
25	47	47	46	46	45	43	42	41	41	40	39	37	
30	44	44	44	43	42	41	40	39	39	38	37	36	
40	38	38	38	38	38	37	37	36	36	35	35	33	
50	35	35	35	35	35	34	34	33	33	32	32	31	
60	32	32	32	32	32	32	31	31	31	30	30	29	
0	71	69	66	64	60	56	52	49	48	47	44	40	
10	60	59	58	57	54	52	48	45	44	43	42	39	
15	55	54	53	52	50	48	47	45	44	43	42	39	
20	50	50	49	48	47	45	44	42	42	41	40	37	
25	47	46	46	45	44	43	41	40	40	39	38	36	
30	44	44	43	43	41	40	39	38	38	37	36	35	
40	38	38	38	38	38	37	36	35	35	35	34	32	
50	35	35	35	35	35	34	34	33	33	32	32	30	
60	32	32	32	32	32	32	31	31	31	30	30	29	

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 7-10 Exposure B Span and Cantilever Chart in Inches for flush mount of P4 rail with 77" Maximum Module Length and building height ≤30													
Snow Load, Pg (psf)	Windspeed (mph)												Roof Pitch
	105	110	115	120	130	140	150	160	165	170	180	200	
0	66	64	61	59	55	52	49	46	44	43	41	37	
10	58	56	55	54	51	49	47	45	44	43	41	37	
15	53	52	51	50	48	46	44	43	42	41	40	37	
20	49	48	47	46	45	43	42	40	40	39	38	35	
25	44	44	44	44	42	41	40	39	38	37	36	34	
30	41	41	41	41	40	39	38	37	36	36	35	33	
40	36	36	36	36	36	36	35	34	34	33	33	31	
50	32	32	32	32	32	32	32	32	32	31	31	29	
60	29	29	29	29	29	29	29	29	29	29	29	28	
0	69	66	64	62	58	54	51	48	47	45	43	39	
10	59	58	56	55	53	51	49	47	46	45	43	39	
15	54	53	52	51	49	47	46	44	43	42	41	38	
20	49	49	48	47	46	44	43	42	41	40	39	37	
25	44	44	44	44	43	42	41	40	39	38	37	35	
30	41	41	41	41	41	40	39	38	37	37	36	34	
40	36	36	36	36	36	36	36	35	35	34	33	32	
50	32	32	32	32	32	32	32	32	32	32	31	30	
60	29	29	29	29	29	29	29	29	29	29	29	28	
0	66	64	61	59	55	52	49	46	44	43	41	37	
10	58	56	55	54	51	49	47	45	44	43	41	37	
15	53	52	51	50	48	46	44	43	42	41	40	37	
20	49	48	47	46	45	43	42	40	40	39	38	35	
25	44	44	44	44	42	41	40	39	38	37	36	34	
30	41	41	41	41	40	39	38	37	36	36	35	33	
40	36	36	36	36	36	36	35	34	34	33	33	31	
50	32	32	32	32	32	32	32	32	32	31	31	29	
60	29	29	29	29	29	29	29	29	29	29	29	28	

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.