



ASCE 7-05 Exposure B 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	283	259	248	238	220	205	191	179	169	159	151	0 ≤ 7°	
10	248	235	229	223	211	201	191	179	169	159	151		
15	227	217	212	207	198	189	181	173	166	159	151		
20	210	202	198	194	187	179	172	165	159	153	147		
25	197	190	187	183	177	171	164	158	153	147	142		
30	186	180	177	174	169	163	158	152	147	142	138		
40	167	164	162	160	155	151	147	142	138	134	130		
50	150	150	150	148	144	141	137	134	130	127	124		
60	137	137	137	137	136	133	130	127	124	121	118		
0	296	271	259	249	231	215	201	188	177	167	159		7° < 0 ≤ 27°
10	254	242	236	230	218	208	198	188	177	167	159		
15	232	222	217	213	203	195	187	179	172	165	158		
20	214	206	202	199	191	184	177	170	164	158	152		
25	200	194	190	187	181	175	169	163	157	152	147		
30	188	183	180	178	172	167	162	157	152	147	142		
40	167	166	164	162	158	154	150	146	142	138	134		
50	150	150	150	150	147	143	140	137	133	130	127		
60	137	137	137	137	137	135	132	129	126	123	121		
0	283	259	248	238	220	205	191	179	169	159	151	27° < 0 ≤ 45°	
10	248	235	229	223	211	201	191	179	169	159	151		
15	227	217	212	207	198	189	181	173	166	159	151		
20	210	202	198	194	187	179	172	165	159	153	147		
25	197	190	187	183	177	171	164	158	153	147	142		
30	186	180	177	174	169	163	158	152	147	142	138		
40	167	164	162	160	155	151	147	142	138	134	130		
50	150	150	150	148	144	141	137	134	130	127	124		
60	137	137	137	137	136	133	130	127	124	121	118		

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 B 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	262	239	229	220	204	189	177	166	156	147	140	0 ≤ 7°	
10	230	218	212	206	196	186	177	166	156	147	140		
15	210	201	196	192	183	175	167	160	153	147	140		
20	195	187	183	180	173	166	159	153	147	141	136		
25	182	176	173	170	164	158	152	147	141	136	132		
30	172	167	164	161	156	151	146	141	136	132	128		
40	154	152	150	148	144	140	136	132	128	124	120		
50	139	139	139	137	134	130	127	124	121	117	114		
60	127	127	127	127	126	123	120	117	115	112	109		
0	274	251	240	231	214	199	186	174	164	155	147		7° < 0 ≤ 27°
10	235	224	218	213	202	192	183	174	164	155	147		
15	214	205	201	197	188	180	173	166	159	153	147		
20	198	191	187	184	177	170	164	158	152	146	141		
25	185	179	176	173	168	162	156	151	146	141	136		
30	174	169	167	164	159	154	150	145	140	136	132		
40	154	154	152	150	146	142	138	135	131	127	124		
50	139	139	139	139	136	133	130	126	123	120	117		
60	127	127	127	127	127	125	122	119	117	114	112		
0	262	239	229	220	204	189	177	166	156	147	140	27° < 0 ≤ 45°	
10	230	218	212	206	196	186	177	166	156	147	140		
15	210	201	196	192	183	175	167	160	153	147	140		
20	195	187	183	180	173	166	159	153	147	141	136		
25	182	176	173	170	164	158	152	147	141	136	132		
30	172	167	164	161	156	151	146	141	136	132	128		
40	154	152	150	148	144	140	136	132	128	124	120		
50	139	139	139	137	134	130	127	124	121	117	114		
60	127	127	127	127	126	123	120	117	115	112	109		

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.