

[ASD] TOTAL ALLOWABLE UNIFORM LOADS (PSF)

Span Condition	Design Criteria	Clear Span (ft-in)										
		5' 0"	5' 6"	6' 0"	6' 6"	7' 0"	7' 6"	8' 0"	8' 6"	9' 0"	9' 6"	10' 0"
Single	Downward	230	190	160	136	117	102	90	80	71	64	58
	Upward	237	196	164	140	121	105	92	82	73	66	59
	L/120	288	216	167	131	105	85	70	59	49	42	36
	L/180	192	144	111	87	70	57	47	39	33	28	24
	L/240	144	108	83	66	52	43	35	29	25	21	18
Double	Downward	242	200	168	143	123	107	94	84	75	67	60
	Upward	225	186	156	133	115	100	88	78	69	62	56
	L/120	693	521	401	316	253	205	169	141	119	101	87
	L/180	462	347	267	210	168	137	113	94	79	67	58
	L/240	347	260	201	158	126	103	85	71	59	51	43
3 or More	Downward	302	250	210	179	154	134	118	105	93	84	76
	Upward	281	232	232	166	143	125	110	97	87	78	70
	L/120	543	408	314	247	198	161	132	110	93	79	68
	L/180	362	272	209	165	132	107	88	74	62	53	45
	L/240	271	204	157	123	99	80	66	55	47	40	34

NOTES:

- Load tables are calculated using section properties based on the steel design thickness.
- Loads shown in tables are uniformly distributed loads in psf. Span length assumes center-to-center spacing of supports.
- Uniform loads are calculated in accordance with ANSI/SDI RD-2010.

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