

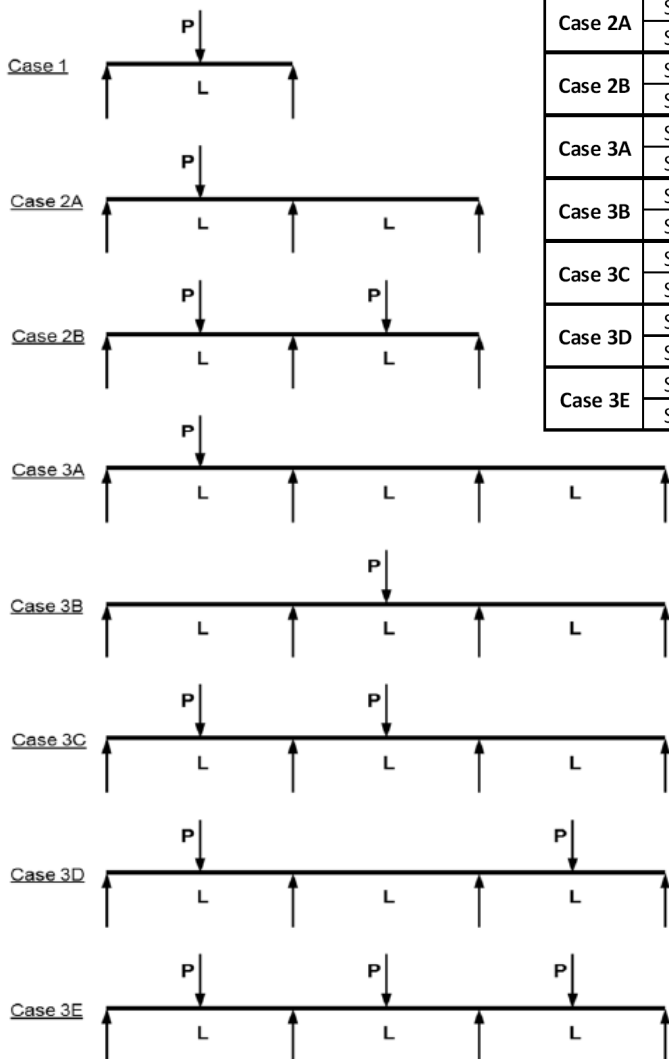
THE LIGHT SOURCE^{INC}

Max Vertical Loading Capacity TLS 1-1/2" 6061-T6 Aluminum Pipe

Allowable Point Loading (P) Pounds at Mid-Span

		Span in Feet						
		4.0	5.0	6.0	7.0	8.0	9.0	10.0
Case 1	Sch 40	153	122	102	87	76	68	61
	Sch 80	193	155	129	110	97	86	77
Case 2A	Sch 40	185	148	123	106	93	82	74
	Sch 80	234	187	156	134	117	104	94
Case 2B	Sch 40	204	163	136	116	102	91	82
	Sch 80	258	206	172	147	129	114	103
Case 3A	Sch 40	191	153	127	109	96	85	77
	Sch 80	241	193	160	138	121	107	97
Case 3B	Sch 40	219	175	146	125	109	97	88
	Sch 80	277	221	184	158	138	123	110
Case 3C	Sch 40	219	175	146	125	109	97	88
	Sch 80	277	221	184	158	138	123	110
Case 3D	Sch 40	180	144	120	103	90	80	72
	Sch 80	227	182	152	130	114	101	91
Case 3E	Sch 40	219	175	146	125	109	97	88
	Sch 80	276	221	184	158	138	123	110

Span Cases – Point Loading



THE LIGHT SOURCE^{INC}

Max Vertical Loading Capacity TLS 1-1/2" 6061-T6 Aluminum Pipe

Allowable Uniform Loading (W) Pounds/Foot of Span

		Span in Feet						
		4.0	5.0	6.0	7.0	8.0	9.0	10.0
Case 1	Sch 40	76	49	34	25	19	15	12
	Sch 80	97	62	43	32	24	19	15
Case 2A	Sch 40	100	64	44	33	25	20	16
	Sch 80	126	81	56	41	32	25	20
Case 2B	Sch 40	76	49	34	25	19	15	12
	Sch 80	97	62	43	32	24	19	15
Case 3A	Sch 40	102	65	45	33	26	20	16
	Sch 80	129	82	57	42	32	25	21
Case 3B	Sch 40	128	82	57	42	32	25	20
	Sch 80	161	103	72	53	40	32	26
Case 3C	Sch 40	82	52	36	27	20	16	13
	Sch 80	103	66	46	34	26	20	17
Case 3D	Sch 40	94	60	42	31	24	19	15
	Sch 80	119	76	53	39	30	24	19
Case 3E	Sch 40	96	61	42	31	24	19	15
	Sch 80	121	77	54	39	30	24	19

Span Cases – Uniform Loading

