



round straight steel epa table

quotations@lytepoles.com

updated: 11.11.2022

2013 aashto lts-6												
part number	diameter (a) x wall (b) x height (c)	plate	bolt circle/range	max luminaire weight (lbs)	pole epa rating							
					80 mph	90 mph	100 mph	110 mph	120 mph	130 mph	140 mph	
401-3011-8	3" x 11 ga. x 8'	8" x 0.75" Thick	8.5" (8"-9")	200	14.1	10.9	8.6	6.9	5.6	4.6	3.8	
401-3011-10	3" x 11 ga. x 10'	8" x 0.75" Thick	8.5" (8"-9")	200	10.6	8.1	6.3	4.9	3.9	3.1	2.5	
401-3011-12	3" x 11 ga. x 12'	8" x 0.75" Thick	8.5" (8"-9")	200	8.1	6	4.6	3.5	2.6	2	1.5	
401-3011-14	3" x 11 ga. x 14'	8" x 0.75" Thick	8.5" (8"-9")	200	6.2	4.5	3.3	2.3	1.7	1.1	0.7	
401-4011-14	4" x 11 ga. x 14'	8" x 0.75" Thick	8.5" (8"-9")	200	13.9	10.5	8	6.1	4.8	4	3.3	
401-4011-16	4" x 11 ga. x 16'	8" x 0.75" Thick	8.5" (8"-9")	200	11.3	8.3	6.2	4.6	3.5	2.8	2.3	
401-4011-18	4" x 11 ga. x 18'	8" x 0.75" Thick	8.5" (8"-9")	200	9.1	6.5	4.6	3.1	2.3	1.7	1.3	
401-4011-20	4" x 11 ga. x 20'	8" x 0.75" Thick	8.5" (8"-9")	200	7.1	4.8	3.2	2.1	1.2	0.7	0.4	
401-5011-25	5" x 11 ga. x 25'	8" x 0.75" Thick	8.5" (8"-9")	200	8	5.1	3.3	2.1	1.5	1.1	0.8	
401-5007-25	5" x 7 ga. x 25'	10" x 1.00" Thick	10" (9.5"-10.5")	200	14.5	10.4	7.5	5.6	4.5	3.6	2.9	
401-5011-30	5" x 11 ga. x 30'	8" x 0.75" Thick	8.5" (8"-9")	200	3.9	1.8	0.3	N/A	N/A	N/A	N/A	
401-5007-30	5" x 7 ga. x 30'	10" x 1.00" Thick	10" (9.5"-10.5")	200	9.2	5.9	3.7	2.3	1.6	1.1	0.7	

aashto lrfdlts-1												
part number	diameter (a) x wall (b) x height (c)	plate	bolt circle/ range	max luminaire weight (lbs)	pole epa rating							
					115 mph	120 mph	130 mph	140 mph	150 mph	160 mph	170 mph	180 mph
401-3011-8	3" x 11 ga. x 8'	8" x 0.75" Thick	8.5" (8"-9")	200	13.4	12.2	10.2	8.6	7.3	6.3	5.4	4.7
				500	13.3	12.2	10.2	8.5	7.3	6.3	5.4	4.7
401-3011-10	3" x 11 ga. x 10'	8" x 0.75" Thick	8.5" (8"-9")	200	10.1	9.2	7.6	6.3	5.3	4.5	3.8	3.2
				500	10	9.1	7.5	6.2	5.3	4.5	3.8	3.2
401-3011-12	3" x 11 ga. x 12'	8" x 0.75" Thick	8.5" (8"-9")	200	7.9	7.1	5.8	4.7	3.9	3.2	2.6	2.1
				500	7.8	7	5.7	4.6	3.8	3.1	2.6	2
401-3011-14	3" x 11 ga. x 14'	8" x 0.75" Thick	8.5" (8"-9")	200	6.2	5.5	4.4	3.5	2.7	2.1	1.6	1.2
				500	6.1	5.4	4.3	3.4	2.6	2	1.5	1.1
401-4011-14	4" x 11 ga. x 14'	8" x 0.75" Thick	8.5" (8"-9")	200	12.3	11.1	9	7.4	6.1	5.3	4.6	4
				500	12.2	11	8.9	7.3	6.1	5.2	4.5	3.9
401-4011-16	4" x 11 ga. x 16'	8" x 0.75" Thick	8.5" (8"-9")	200	9.3	8.3	6.6	5.3	4.3	3.6	3.1	2.7
				500	9.2	8.2	6.5	5.2	4.2	3.6	3.1	2.6
401-4011-18	4" x 11 ga. x 18'	8" x 0.75" Thick	8.5" (8"-9")	200	7.5	6.6	5.1	3.9	3	2.5	2.1	1.8
				500	7.4	6.5	5	3.9	3	2.5	2.1	1.7
401-4011-20	4" x 11 ga. x 20'	8" x 0.75" Thick	8.5" (8"-9")	200	6	5.1	3.8	2.7	2	1.6	1.3	1.1
				500	6	5.1	3.8	2.6	1.9	1.5	1.2	1
401-5011-25	5" x 11 ga. x 25'	8" x 0.75" Thick	8.5" (8"-9")	200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
				500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
401-5007-25	5" x 7 ga. x 25'	10" x 1.00" Thick	10" (9.5"-10.5")	200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
				500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
401-5011-30	5" x 11 ga. x 30'	8" x 0.75" Thick	8.5" (8"-9")	200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
				500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
401-5007-30	5" x 7 ga. x 30'	10" x 1.00" Thick	10" (9.5"-10.5")	200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
				500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

2020 fbc / asce-7												
part number	diameter (a) x wall (b) x height (c)	plate	bolt circle/ range	max luminaire weight (lbs)	pole epa rating							
					120 mph	130 mph	140 mph	150 mph	160 mph	170 mph	180 mph	
401-3011-8	3" x 11 ga. x 8'	8" x 0.75" Thick	8.5" (8"-9")	200	19.7	16.7	14.2	12.2	10.6	9.2	8.1	
				500	18.1	15.2	13	11.1	9.6	8.4	7.3	
401-3011-10	3" x 11 ga. x 10'	8" x 0.75" Thick	8.5" (8"-9")	200	15.3	12.8	10.8	9.2	7.9	6.8	5.9	
				500	13.9	11.6	9.8	8.3	7.1	6.1	5.3	
401-3011-12	3" x 11 ga. x 12'	8" x 0.75" Thick	8.5" (8"-9")	200	12.2	10.1	8.5	7.1	6	5.1	4.4	
				500	11	9.1	7.6	6.4	5.4	4.5	3.9	
401-3011-14	3" x 11 ga. x 14'	8" x 0.75" Thick	8.5" (8"-9")	200	9.9	8.1	6.7	5.5	4.6	3.8	3.2	
				500	8.9	7.2	5.9	4.9	4	3.3	2.7	
401-4011-14	4" x 11 ga. x 14'	8" x 0.75" Thick	8.5" (8"-9")	200	19.5	16.2	13.5	11.4	9.7	9.4	8.2	
				500	18.4	15.4	12.8	10.7	9.1	8.9	7.8	
401-4011-16	4" x 11 ga. x 16'	8" x 0.75" Thick	8.5" (8"-9")	200	16.1	13.2	10.9	9.1	7.6	7.7	6.7	
				500	15.2	12.4	10.3	8.5	7.1	7.3	6.3	
401-4011-18	4" x 11 ga. x 18'	8" x 0.75" Thick	8.5" (8"-9")	200	13.2	10.7	8.7	7.1	5.8	6.1	5.3	
				500	12.4	10	8.1	6.6	5.4	5.8	5	
401-4011-20	4" x 11 ga. x 20'	8" x 0.75" Thick	8.5" (8"-9")	200	10.8	8.6	6.9	5.5	4.4	5	4.2	
				500	10.1	8.1	6.4	5.1	4	4.7	3.9	
401-5011-25	5" x 11 ga. x 25'	8" x 0.75" Thick	8.5" (8"-9")	200	5.6	5.5	5	3.9	3	2.3	1.7	
				500	9.7	8.4	7.9	6.5	5.3	4.4	3.6	
401-5007-25	5" x 7 ga. x 25'	10" x 1.00" Thick	10" (9.5"-10.5")	200	20.1	17.9	15.7	13.2	11.2	9.5	8.1	
				500	19.8	17.6	15.4	13	11	9.3	8	
401-5011-30	5" x 11 ga. x 30'	8" x 0.75" Thick	8.5" (8"-9")	200	2.3	3.1	2.7	1.8	1.1	0.5	N/A	
				500	1.9	2.8	2.5	1.6	0.9	0.3	N/A	
401-5007-30	5" x 7 ga. x 30'	10" x 1.00" Thick	10" (9.5"-10.5")	200	13.9	13	11.3	9.3	7.7	6.3	5.2	
				500	13.6	12.8	11.1	9.1	7.5	6.2	5.1	



square straight steel epa table

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updated: 11.11.2022

2013 aashto lts-6

part number	diameter (a) x wall (b) x height (c)	plate	bolt circle/range	max luminaire weight (lbs)	pole epa rating								
					80 mph	90 mph	100 mph	110 mph	120 mph	130 mph	140 mph		
101-4011-10	4" x 11 ga. x 10'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	35.7	27.6	21.8	17.6	14.3	11.8	9.8		
101-4011-12	4" x 11 ga. x 12'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	28.6	21.9	17.1	13.5	10.8	8.7	7.1		
101-4011-14	4" x 11 ga. x 14'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	23.3	17.6	13.5	10.5	8.2	6.4	5		
101-4011-15	4" x 11 ga. x 15'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	21.1	15.8	12	9.2	7.1	5.4	4.1		
101-4011-16	4" x 11 ga. x 16'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	19.1	14.2	10.7	8	6	4.5	3.3		
101-4011-18	4" x 11 ga. x 18'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	15.6	11.3	8.2	5.9	4.2	2.8	1.8		
101-4011-20	4" x 11 ga. x 20'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	12.5	8.7	6	4.1	2.6	1.4	0.4		
101-4007-20	4" x 7 ga. x 20'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	19.4	14.3	10.7	8	5.9	4.3	3.1		
101-4011-25	4" x 11 ga. x 25'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	6.7	3.9	1.9	0.4	N/A	N/A	N/A		
101-4007-25	4" x 7 ga. x 25'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	12.6	8.7	6	3.9	2.3	1.1	N/A		
101-5011-20	5" x 11 ga. x 20'	11" x 0.75" Thick	10.5/11.5" (11.0")	200	19.3	13.8	9.8	6.9	4.7	3	1.6		
101-5007-20	5" x 7 ga. x 20'	11" x 1.00" Thick	10.5/11.5" (11.0")	200	38	28.7	22	17.1	13.3	10.4	8.1		
101-5011-25	5" x 11 ga. x 25'	11" x 0.75" Thick	10.5/11.5" (11.0")	200	11.2	7.1	4.1	1.9	0.3	N/A	N/A		
101-5007-25	5" x 7 ga. x 25'	11" x 1.00" Thick	10.5/11.5" (11.0")	200	25.6	18.6	13.6	9.9	7.1	4.9	3.1		
101-5011-30	5" x 11 ga. x 30'	11" x 0.75" Thick	10.5/11.5" (11.0")	200	5.4	2.2	N/A	N/A	N/A	N/A	N/A		
101-5007-30	5" x 7 ga. x 30'	11" x 1.00" Thick	10.5/11.5" (11.0")	200	17.1	11.6	7.6	4.7	2.5	0.7	N/A		
101-5007-35	5" x 7 ga. x 35'	11" x 1.00" Thick	10.5/11.5" (11.0")	200	10.7	6.2	3	0.6	N/A	N/A	N/A		
101-6007-25	6" x 7 ga. x 25'	12" x 1.00" Thick	11.0/12.0" (11.5")	200	38.2	28.1	20.9	15.6	11.5	8.4	5.9		
101-6007-30	6" x 7 ga. x 30'	12" x 1.00" Thick	11.0/12.0" (11.5")	200	26.9	18.8	13.1	8.8	5.5	3	1		
101-6007-35	6" x 7 ga. x 35'	12" x 1.00" Thick	11.0/12.0" (11.5")	200	18.2	11.6	6.8	3.3	0.7	N/A	N/A		
101-6007-39	6" x 7 ga. x 39'	12" x 1.00" Thick	11.0/12.0" (11.5")	200	12.5	6.7	2.6	N/A	N/A	N/A	N/A		

aashto lfrdIts-1

part number	diameter (a) x wall (b) x height (c)	plate	bolt circle/ range	max luminaire weight (lbs)	pole epa rating								
					115 mph	120 mph	130 mph	140 mph	150 mph	160 mph	170 mph	180 mph	
101-4011-10	4" x 11 ga. x 10'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	21.5	19.5	16.2	13.5	11.4	9.6	8.2	7	
				500	20.2	18.3	15.2	12.7	10.6	9	7.6	6.4	
101-4011-12	4" x 11 ga. x 12'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	16.8	15.2	12.4	10.2	8.4	6.9	5.7	4.7	
				500	15.7	14.2	11.5	9.4	7.7	6.4	5.2	4.2	
101-4011-14	4" x 11 ga. x 14'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	13.3	11.9	9.5	7.6	6.1	4.8	3.8	2.9	
				500	12.4	11	8.7	6.9	5.5	4.3	3.3	2.5	
101-4011-15	4" x 11 ga. x 15'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	11.8	10.5	8.3	6.5	5.1	3.9	2.9	2.1	
				500	10.9	9.7	7.6	5.9	4.5	3.4	2.5	1.8	
101-4011-16	4" x 11 ga. x 16'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	9.8	8.6	6.6	5.1	3.8	2.8	2	1.3	
				500	9	7.9	6	4.6	3.4	2.4	1.6	0.9	
101-4011-18	4" x 11 ga. x 18'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	7.5	6.5	4.7	3.4	2.3	1.4	0.6	N/A	
				500	6.8	5.9	4.2	2.9	1.9	1	0.3	N/A	
101-4011-20	4" x 11 ga. x 20'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	5.6	4.7	3.1	1.9	0.9	N/A	N/A	N/A	
				500	5	4.1	2.6	1.5	0.5	N/A	N/A	N/A	
101-4007-20	4" x 7 ga. x 20'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	6.3	5.4	3.8	2.6	1.6	0.7	N/A	N/A	
				500	5.7	4.8	3.3	2.1	1.2	0.4	N/A	N/A	
101-4011-25	4" x 11 ga. x 25'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	1.4	0.7	N/A	N/A	N/A	N/A	N/A	N/A	
				500	0.9	0.3	N/A	N/A	N/A	N/A	N/A	N/A	
101-4007-25	4" x 7 ga. x 25'	8" x 0.75" Thick	8.0/9.0" (8.5")	200	2.2	1.5	0.4	N/A	N/A	N/A	N/A	N/A	
				500	1.8	1.1	N/A	N/A	N/A	N/A	N/A	N/A	
101-5011-20	5" x 11 ga. x 20'	11" x 0.75" Thick	10.5/11.5" (11.0")	200	12.5	10.8	8.1	5.9	4.2	2.7	1.5	0.5	
				500	6.7	5.5	3.6	2	0.8	N/A	N/A	N/A	
101-5007-20	5" x 7 ga. x 20'	11" x 1.00" Thick	10.5/11.5" (11.0")	200	20	17.8	14.1	11.2	8.9	6.9	5.4	4	
				500	19.4	17.2	13.6	10.8	8.5	6.6	5.1	3.8	
101-5011-25	5" x 11 ga. x 25'	11" x 0.75" Thick	10.5/11.5" (11.0")	200	5.6	4.4	2.4	0.8	N/A	N/A	N/A	N/A	
				500	1.4	0.5	N/A	N/A	N/A	N/A	N/A	N/A	
101-5007-25	5" x 7 ga. x 25'	11" x 1.00" Thick	10.5/11.5" (11.0")	200	11.4	9.8	7.1	5	3.3	1.8	0.7	N/A	
				500	11	9.4	6.8	4.7	3	1.6	0.5	N/A	
101-5011-30	5" x 11 ga. x 30'	11" x 0.75" Thick	10.5/11.5" (11.0")	200	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
				500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
101-5007-30	5" x 7 ga. x 30'	11" x 1.00" Thick	10.5/11.5" (11.0")	200	6.2	4.9	2.6	0.8	N/A	N/A	N/A	N/A	
				500	5.8	4.5	2.3	0.6	N/A	N/A	N/A	N/A	
101-5007-35	5" x 7 ga. x 35'	11" x 1.00" Thick	10.5/11.5" (11.0")	200	4.1	3	1	N/A	N/A	N/A	N/A	N/A	
				500	3.8	2.7	0.9	N/A	N/A	N/A	N/A	N/A	
101-6007-25	6" x 7 ga. x 25'	12" x 1.00" Thick	11.0/12.0" (11.5")	200	10.2	8.5	5.7	3.4	1.6	N/A	N/A	N/A	
				500	9.7	8.1	5.3	3.1	1.4	N/A	N/A	N/A	
101-6007-30	6" x 7 ga. x 30'	12" x 1.00" Thick	11.0/12.0" (11.5")	200	4.3	2.9	0.6	N/A	N/A	N/A	N/A	N/A	
				500	3.9	2.6	0.3	N/A	N/A	N/A	N/A	N/A	
101-6007-35	6" x 7 ga. x 35'	12" x 1.00" Thick	11.0/12.0" (11.5")	200	2.3	1.2	N/A	N/A	N/A	N/A	N/A	N/A	
				500	2	0.9	N/A	N/A	N/A	N/A	N/A	N/A	
101-6007-39	6" x 7 ga. x 39'	12" x 1.00" Thick	11.0/12.0" (11.5")	200	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
				500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	

2020 fbc / asce-7

part number	diameter (a) x wall (b) x height (c)	plate	bolt circle/range	max luminaire weight (lbs)	pole epa rating								
					120 mph	130 mph	140 mph	150 mph	160 mph	170 mph	180 mph		
101-4011-10	4" x 11 ga. x 10'	8" x 0.75" Thick	8.5" (8"-9")	200	31.1	26	22.1	18.9	16.2	14.1	12.2		
				500	29.9	25	21.2	18.1	15.5	13.4	11.8		
101-4011-12	4" x 11 ga. x 12'	8" x 0.75" Thick	8.5" (8"-9")	200	24.8	20.7	17.4	14.7	12.5	10.7	9.2		
				500	23.8	19.8	16.6	14	11.9	10.2	8.7		
101-4011-14	4" x 11 ga. x 14'	8" x 0.75" Thick	8.5" (8"-9")	200	20.3	16.7	13.8	11.5	9.7	8.1	6.8		
				500	19.5	15.9	13.2	11	9.2	7.7	6.4		
101-4011-15	4" x 11 ga. x 15'	8" x 0.75" Thick	8.5" (8"-9")	200	18.4	15	12.4	10.2	8.5	7	5.8		
				500	17.5	14.3	11.8	9.7	8	6.6	5.4		
101-4011-16	4" x 11 ga. x 16'	8" x 0.75" Thick	8.5" (8"-9")	200	16.5	13.4	10.9	8.9	7.3	6	4.8		
				500	15.7	12.7	10.4	8.4	6.9	5.6	4.5		
101-4011-18	4" x 11 ga. x 18'	8" x 0.75" Thick	8.5" (8"-9")	200	13.3	10.6	8.4	6.7	5.3	4.1	3.2		
				500	12.6	10	7.9	6.3	4.9	3.8	2.9		
101-4011-20	4" x 11 ga. x 20'	8" x 0.75" Thick	8.5" (8"-9")	200	10.6	8.3	6.4	4.9	3.6	2.6	1.7		
				500	10	7.8	6	4.5	3.3	2.3	1.5		
101-4007-20	4" x 7 ga. x 20'	8" x 0.75" Thick	8.5" (8"-9")	200	11.2	8.8	7	5.4	4.2	3.2	2.3		
				500	10.6	8.3	6.5	5.1	3.8	2.9	2		
101-4011-25	4" x 11 ga. x 25'	8" x 0.75" Thick	8.5" (8"-9")	200	5.7	3.9	2.4	1.3	0.3	N/A	N/A		
				500	5.2	3.5	2	1	N/A	N/A	N/A		
101-4007-25	4" x 7 ga. x 25'	8" x 0.75" Thick	8.5" (8"-9")	200	6.4	4.6	3.1	2	1	N/A	N/A		
				500	5.9	4.2	2.8	1.7	0.8	N/A	N/A		
101-5011-20	5" x 11 ga. x 20'	11" x 0.75" Thick	11" (10.5"-11.5")	200	13.8	10.8	8.3	6.3	4.7	3.4	2.3		
				500	13.3	10.3	7.9	6	4.4	3.1	2		
101-5007-20	5" x 7 ga. x 20'	11" x 0.75" Thick	11" (10.5"-11.5")	200	33.2	27.4	22.7	19	15.9	13.3	11.2		
				500	32.8	27.1	22.4	18.7	15.7	13.1	11		
101-5011-25	5" x 11 ga. x 25'	11" x 0.75" Thick	11" (10.5"-11.5")	200	7.4	5	3.2	1.7	0.4	N/A	N/A		
				500	6.9	4.7	2.8	1.4	N/A	N/A	N/A		
101-5007-25	5" x 7 ga. x 25'	11" x 0.75" Thick	11" (10.5"-11.5")	200	22.5	18	14.5	11.6	9.3	7.3	5.7		
				500	22.2	17.7	14.2	11.4	9.1	7.1	5.5		
101-5011-30	5" x 11 ga. x 30'	11" x 0.75" Thick	11" (10.5"-11.5")	200	2.7	0.8	N/A	N/A					