



ART (TAPERED)

ANCHOR BOLTS

Anchor bolts conform to ASTM F1554 Grade-55 standards. Bolts have an “L” bend at one end and a minimum of 12” galvanized threads on the other end. Two galvanized flat washers per ASTM F436 and two galvanized hexagonal nuts per ASTM A563 Grade DH are provided with each bolt.

BASE STYLE

The base plate is fabricated from ASTM A36 (carbon steel) or ASTM A240 (stainless steel). The base is fabricated with slotted bolt holes to allow for a +/- 0.5” variance in listed nominal bolt circle size. The base plate telescopes the pole shaft and is circumferentially welded top and bottom.

SHAFT

The pole shaft conforms to ASTM A1011 Grade 50 (carbon steel) or ASTM A240 Grade 201LN (stainless steel) standards and is formed with a constant linear taper.

HANDHOLE

A reinforced handhole with cover, grounding lug, and hardware is provided with each pole assembly.

MOUNTING OPTIONS

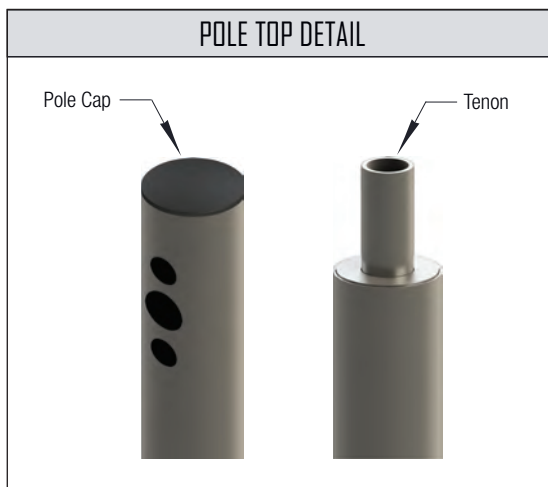
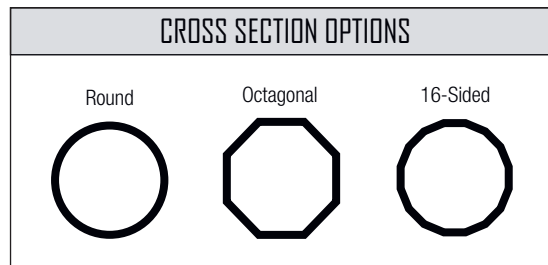
The pole may be specified with a single tenon mount for pole top mounting or side drilled pattern. For multiple fixtures, an adapter (found on pages 64-68 of this catalog) should be used. A removable pole cap is provided for poles specified with side drill luminaire mounting.

FINISH OPTIONS

Carbon steel poles may be specified as hot-dip galvanized per ASTM A123 and/or finish painted with our standard Millerbond Wet Coat Finish. Multi-sided stainless steel poles may be specified as frost (rust resistant stainless steel shot blast) finished or finish painted with our standard Millerbond Wet Coat Finish. Round stainless steel poles must be finish painted with our standard Millerbond Wet Coat Finish.

HARDWARE

All hardware and fasteners are supplied with each pole assembly. All structural fasteners are galvanized high-strength (carbon steel) or 18-8 (stainless steel).





CARBON STEEL

PART #	MOUNTING HEIGHT (FT)	WEIGHT (LBS.)	BASE O.D. (IN)	TOP O.D. (IN)	BOLT CIRCLE +/- 0.5 (IN)	BASE SQUARE (IN)	MAX EPA 90 MPH	MAX EPA 100 MPH	MAX EPA 110 MPH	MAX EPA 120 MPH	MAX EPA 130 MPH	MAX EPA 140 MPH	MAX EPA 150 MPH
ART-A-060-A-200	20	128	6	3.2	9	9	21.79	17.24	13.9	11.39	9.5	8.03	6.9
ART-A-065-A-200	20	142	6.5	3.7	9.5	9.5	26.03	20.7	16.82	13.93	11.74	10.03	8.64
ART-A-060-A-250	25	145	6	2.5	9	9	15.32	12	9.5	7.62	6.18	5.07	4.21
ART-A-070-A-250	25	179	7	3.5	10	10	22	17.35	13.97	11.46	9.57	8.12	6.95
ART-A-070-A-300	30	196	7	2.8	9.5	9.5	16.11	12.55	9.89	7.92	6.43	5.27	4.38
ART-A-080-A-300	30	240	8	3.8	11	11	21.5	17.67	13.54	11.68	9.26	7.8	6.61
ART-A-080-A-350	35	216	8	3.1	10.5	10.5	15.23	11.66	9.08	7.19	5.79	4.7	3.89
ART-A-085-A-350	35	285	8.5	3.6	11.5	11.5	17.09	13.2	10.4	8.37	6.87	5.69	4.73
ART-A-080-A-400	40	278	8	2.4	11	11	11.7	9.21	7.35	5.38	4.52	3.53	2.75
ART-A-090-A-400	40	335	9	3.4	12.5	12.5	17.54	13.64	10.76	8.64	7.01	5.77	4.76
ART-A-090-B-400	40	511	9	3.4	12.5	12.5	29.27	23.52	17.92	14.71	12.26	10.33	8.74
ART-A-100-A-450	45	414	10	3.7	13.5	13.5	17.42	13.42	10.56	8.42	6.82	5.52	4.45
ART-A-100-B-450	45	633	10	3.7	13.5	13.5	24.98	19.61	15.73	12.84	10.6	8.8	7.31
ART-A-100-A-500	50	435	10	3.0	13.5	13.5	13.54	10.19	7.76	5.93	4.55	3.43	2.63
ART-A-100-B-500	50	670	10	3.0	13.5	13.5	18.99	14.65	11.5	9.1	7.28	5.8	4.7

STREET & AREA LIGHTING

STAINLESS STEEL

PART #	MOUNTING HEIGHT (FT)	WEIGHT (LBS.)	BASE O.D. (IN)	TOP O.D. (IN)	BOLT CIRCLE +/- 0.5 (IN)	BASE SQUARE (IN)	MAX EPA 90 MPH	MAX EPA 100 MPH	MAX EPA 110 MPH	MAX EPA 120 MPH	MAX EPA 130 MPH	MAX EPA 140 MPH	MAX EPA 150 MPH
ART-A-060-E-200	20'	93	6"	3.2"	9"	9	10.69	8.09	6.14	4.64	3.45	2.52	1.76
ART-A-065-E-200	20'	103	6.5"	3.7"	9.5"	9.5	12.21	9.33	7.05	5.37	4	2.94	2.07
ART-A-060-E-250	25'	103	6"	2.5"	9"	9	6.91	5.07	3.56	2.47	1.56	0.85	
ART-A-070-E-250	25'	128	7"	3.5"	10"	10	8.91	6.47	4.54	3.11	1.95	1.04	
ART-A-070-E-300	30'	137	7"	2.8"	9.5"	9.5	5.84	3.93	2.4	1.26	0.34		
ART-A-080-E-300	30'	169	8"	3.8"	11"	11	6.78	4.42	2.58	1.2			
ART-A-080-E-350	35'	179	8"	3.1"	10.5"	10.5	6.36	3.82	2.61	1.14	0.58		
ART-A-085-E-350	35'	199	8.5"	3.6"	11.5"	11.5	7.24	4.4	3.11	1.49	0.91		
ART-A-085-F-350	35'	280	8.5"	3.6"	11.5"	11.5	17.21	12.41	10	7.2	6	4.66	3.58
ART-A-080-E-400	40'	192	8"	2.4"	11	11	4.14	2.12	1.06				
ART-A-090-E-400	40'	233	9"	3.4"	12.5"	12.5	5.83	2.83	1.66				
ART-A-090-F-400	40'	328	9"	3.4"	12.5"	12.5	14.42	10.09	7.86	5.36	4.24	3.03	2.08
ART-A-100-E-450	45'	287	10"	3.7"	13.5"	13.5	3.9	1.79					
ART-A-100-F-450	45'	405	10"	3.7"	13.5"	13.5	10.91	7.63	5.12	3.34	1.96	0.9	
ART-A-100-F-500	50'	424	10"	3.0"	13.5"	13.5	8	5.24	3.09	1.55	0.36		

- Variations from above sizes are available. Consult factory for allowable weight and EPA ratings for custom sizes.
- Charted weights include the base and pole shaft.
- All multi-sided stainless steel poles with a mounting height of 35 feet or more are 16-sided.

Design	Base Style	Base Diameter	Wall Thickness	Mounting Height	Mounting Style	Cross Section	Finish	Options	
ART -	A -								
	A = Anchor	Base diameter is identified with one decimal place to identify diameter in inches. (e.g. 094 = 9.4")	A = 11 GA B = 7 GA C = 3/16" D = 1/4 " E = 14 ga Stainless Steel F = 12 ga Stainless Steel	Mounting height is identified with one decimal place to identify height in feet. (e.g. 255=25.5')	DM19 = Drill 1 @ 90 DM29 = Drill 2 @ 90 DM28 = Drill 2 @ 180 DM39 = Drill 3 @ 90 DM32 = Drill 3 @ 120 DM49 = Drill 4 @ 90	PT1 = 2.38" x 4" Tenon PT2 = 2.38" x 6" Tenon PT3 = 2.88" x 4" Tenon PT4 = 3.5" x 6" Tenon PT5 = 4" x 6" Tenon PT6 = Specialty Top Mount	R= Round H = 8-Sided W = 16-Sided	GV =Hot Dip-Galvanize FP = Finish Paint GP = Paint Over Galvanize FR = Frost (Stainless Steel Only)	Insert Part Number for options, separated by "-"