



# ARN (NON-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

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

Round pole shafts conform to ASTM A500 Grade B (carbon steel) or ASTM A312 Grade 304L (stainless steel) standards. Octagonal and 16-sided shafts conform to ASTM A1011 Grade 50 (carbon steel) or ASTM A240 Grade 201L (stainless steel) standards.

## HANDHOLE

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

## MOUNTING OPTIONS

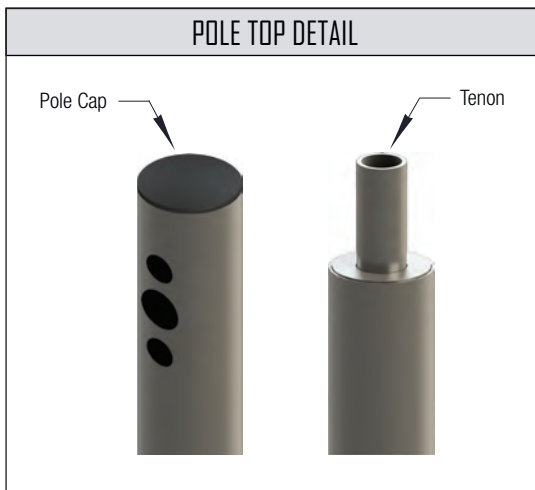
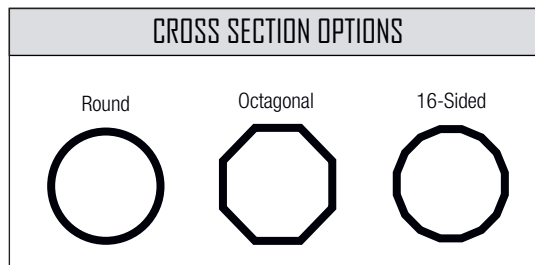
The pole may be specified with a single tenon mount for pole top mounting or side drilled pattern. For multiple fixtures, an adapter (found on pages 64-68 of this catalog) should be used. A removable pole cap is provided for poles specified with side drill luminaire mounting.

## 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. 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.

## 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)	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
ARN-A-030-A-100	10	51	3	8	8	9.91	7.83	6.29	5.1	4.17	3.43	2.84
ARN-A-040-A-100	10	62	4	8	8	18.59	14.82	12.01	9.9	8.38	7.17	6.2
ARN-A-030-A-120	12	58	3	8	8	7.91	6.16	4.85	3.85	3.06	2.44	1.93
ARN-A-040-A-120	12	72	4	8	8	15.11	11.92	9.54	7.78	6.55	5.58	4.79
ARN-A-030-A-140	14	66	3	8	8	6.36	4.85	3.72	2.86	2.18	1.64	1.2
ARN-A-040-A-140	14	82	4	8	8	12.45	9.69	7.63	6.13	5.12	4.33	3.69
ARN-A-030-A-160	16	73	3	8	8	5.06	3.75	2.76	2.01	1.42	0.95	0.57
ARN-A-040-A-160	16	92	4	8	8	10.2	7.8	6.01	4.72	3.9	3.26	2.75
ARN-A-030-A-180	18	80	3	8	8	3.94	2.79	1.94	1.28	0.76		
ARN-A-040-A-180	18	102	4	8	8	8.27	6.18	4.61	3.5	2.85	2.34	1.94
ARN-A-040-A-200	20	88	3	8	8	3	1.99	1.23	0.65			
ARN-A-040-A-200	20	112	4	8	8	6.68	4.82	3.44	2.48	1.96	1.56	1.25
ARN-A-050-A-200	20	135	5	8	8	11.69	9.07	7.31	5.99	4.97	4.17	3.53
ARN-A-040-A-250	25	137	4	8	8	3.62	2.19	1.12				
ARN-A-050-A-250	25	166	5	8	8	7.11	5.24	4.09	3.23	2.58	2.07	1.68
ARN-A-050-A-300	30	198	5	8	8	3.77	2.42	1.7	1.17	0.79		

**STAINLESS STEEL**

PART #	MOUNTING HEIGHT (FT)	WEIGHT (LBS.)	BASE 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
ARN-A-060-E-200	20	91	6	9	9	9.31	6.65	4.66	3.13	1.94	0.99	
ARN-A-065-E-200	20	101	6.5	9.5	9.5	10.9	7.86	5.59	3.85	2.49	1.41	0.53
ARN-A-060-E-250	25	101	6	9	9	4.9	2.84	1.3				
ARN-A-070-E-250	25	126	7	9.5	9.5	6.78	4.16	2.22	0.73			
ARN-A-070-E-300	30	134	7	9.5	9.5	2.72	0.6					
ARN-A-080-E-300	30	166	8	10.5	10.5	3.53	1.03					
ARN-A-080-F-300	30	231	8	10.5	10.5	14.27	9.78	6.42	3.86	1.85		
ARN-A-080-E-350	35	175	8	10.5	10.5	3.12	1.32					
ARN-A-085-E-350	35	195	8.5	11.5	11.5	4.21	2.21	0.89				
ARN-A-085-F-350	35	273	8.5	11.5	11.5	14.44	10.64	7.98	5.59	3.6	2.01	0.72
ARN-A-090-E-400	40	232	9	12.5	12.5	1.75						
ARN-A-090-F-400	40	327	9	12.5	12.5	11.34	7.9	5.3	2.9	1.03		
ARN-A-100-F-450	45	403	10	13.5	13.5	10.31	4.8	1.84				
ARN-A-100-F-500	50	422	10	13.5	13.5	6.11	2.99					

1. Variations from above sizes are available. Consult factory for allowable weight and EPA ratings for custom sizes.
2. Charted weights include the base and pole shaft.
3. Stainless steel non tapered poles are only offered with octagonal or 16-sided cross sections.
4. All multi-sided stainless steel poles with a mounting height of 35 feet or more are 16-sided.
5. Round stainless steel poles are limited to an outside diameter of 6 inches. Consult factory for allowable weight and EPA ratings.

Design	Base Style	Base Diameter	Wall Thickness	Mounting Height	Mounting Style	Cross Section	Finish	Options
ARN - 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 "-"