

Area Lighting Poles - Square Non-Tapered



Catalog Number	Pole Height (ft)	Weight (lbs)	Gauge	Shaft Size (in)	Base Plate Width (in)	Bolt Circle Dia. (in)	Anchor Bolts (in)		Max Loading Capacities					
									80 (mph)		90 (mph)		100 (mph)	
							Dia x Len x Hook	Projection min / max	EPA (ft²)	Wt. (lbs)	EPA (ft²)	Wt. (lbs)	EPA (ft²)	Wt. (lbs)
SNS-10-40-11-AB	10	75	11	4.0	8.25	8.0 - 9.0	0.75 x 17 x 3	4.00 / 5.00	30.6	765	23.8	595	18.9	472
SNS-15-40-11-AB	15	115	11	4.0	8.25	8.0 - 9.0	0.75 x 17 x 3	4.00 / 5.00	17.2	430	13.2	330	10.0	250
SNS-20-40-11-AB	20	140	11	4.0	8.25	8.0 - 9.0	0.75 x 17 x 3	4.00 / 5.00	9.6	240	6.7	167	4.5	112
SNS-20-40-7-AB	20	185	7	4.0	8.25	8.0 - 9.0	0.75 x 17 x 3	4.00 / 5.00	15.0	375	11.0	275	9.0	225
SNS-20-50-11-AB	20	185	11	5.0	11	10 - 12	0.75 x 17 x 3	4.00 / 5.00	17.7	442	12.7	317	9.4	235
SNS-25-40-11-AB	25	170	11	4.0	8.25	8.0 - 9.0	0.75 x 17 x 3	4.00 / 5.00	4.8	120	2.6	65	1.0	25
SNS-25-40-7-AB	25	245	7	4.0	8.25	8.0 - 9.0	0.75 x 17 x 3	4.00 / 5.00	10.8	270	7.7	192	5.4	135
SNS-25-50-11-AB	25	225	11	5.0	11	10 - 12	0.75 x 17 x 3	4.00 / 5.00	9.8	245	6.3	157	3.7	92
SNS-25-50-7-AB	25	360	7	5.0	11	10 - 12	0.75 x 17 x 3	4.00 / 5.00	18.5	462	13.3	332	9.5	237
SNS-30-40-7-AB	30	291	7	5.0	8.25	8.0 - 9.0	0.75 x 17 x 3	4.00 / 5.00	6.7	167	4.4	110	2.6	65
SNS-30-50-11-AB	30	265	11	5.0	11	10 - 12	0.75 x 17 x 3	4.00 / 5.00	4.7	117	2.0	50	--	--
SNS-30-50-7-AB	30	380	7	5.0	11	10 - 12	0.75 x 17 x 3	4.00 / 5.00	10.7	267	6.7	167	3.9	97
SNS-30-60-7-AB	30	520	7	6.0	12.5	11 - 13	1 x 36 x 4	4.75 / 5.75	19.0	475	13.2	330	9.0	225
SNS-35-50-7-AB	35	440	7	5.0	11	10 - 12	0.75 x 17 x 3	4.00 / 5.00	5.9	147	2.5	62	--	--
SNS-35-60-7-AB	35	540	7	6.0	12.5	11 - 13	1 x 36 x 4	4.75 / 5.75	12.4	310	7.6	190	4.2	105
SNS-39-60-7-AB	39	605	7	6.0	12.5	11 - 13	1 x 36 x 4	4.75 / 5.75	7.2	180	3.0	75	--	--

Pole Shaft

The pole shall be a one section design fabricated from standard 11 gauge (0.1196") or 7 gauge (0.1793") steel. Each section shall be fabricated from high strength low alloy steel conforming to ASTM A500 Grade B, with minimum yield strength of 46,000 psi. Each pole will have a full-length longitudinal weld and will be square in cross-section.

Base Plate

The base plate is fabricated from a structural quality hot rolled carbon steel plate that meets or exceeds ASTM A-36 with a minimum yield of strength of 36,000 psi. The base plate telescopes the pole shaft and is circumferential welded top and bottom. The base plate has slotted bolt holes.

Hand Hole

A reinforced hand hole, having a nominal 3" x 5" opening, will be installed 18" above the base plate on all poles. A hand hole cover and attaching hardware is included with each hand hole assembly. A ground lug will be welded either on the hand hole frame or on the inside of the pole opposite the hand hole depending on the design.

Anchor Bolts

Anchor bolts are fabricated from a commercial quality hot rolled carbon steel bar that meets or exceeds minimum yield strength of 55,000 psi. Anchor bolts are sized according to each pole design and are furnished with 2 galvanized heavy hex nuts and 2 galvanized flat washers. Anchor bolts shall be galvanized a minimum of 4" on the threaded end in accordance with ASTM A-153. Anchor bolts will ship with the poles unless otherwise specified.

Pole Top

Each pole will be side-drilled with a removable pole cap or have a 2-3/8" O.D. x 4" tenon top (other sizes available).

Welding

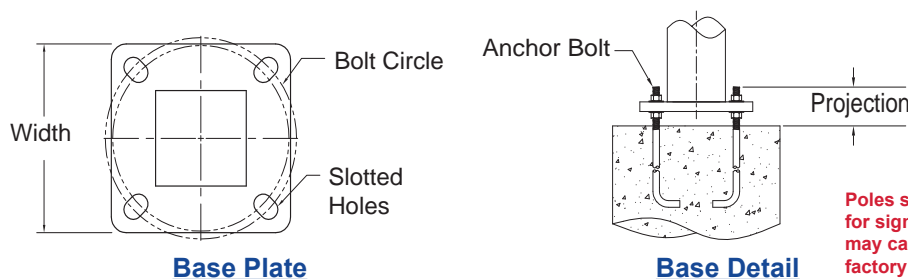
All welds shall be of the highest quality and performed by American Welding Society certified welders conforming to the latest version of the American Welding Society specification AWS D1.1.

Finish

All poles, mounting brackets and platforms are furnished with a coating of either red oxide/zinc primer, factory painted, powder coated or hot-dip galvanized to ASTM A-123. Miscellaneous hardware will be galvanized to ASTM A-153. Exterior finish coatings are available by request.

Note

Anchor bolt patterns are subject to change. Please consult factory prior to construction.



Poles should be monitored frequently for signs of harmonic vibration, which may cause structural fatigue. Consult factory for a damping device that can help minimize the effects of vibration.