

Round Pole

STEEL | NON-TAPERED

PROJECT

TYPE

SPECIFICATION

QUICK FACTS

POLE SHAFT

The pole shaft is one piece construction, being fabricated from a weldable grade carbon steel structural tubing which has a uniform wall thickness of 11 gauge (0.1196") or 7 gauge (0.1793"). The pole shaft material shall conform to ASTM A500 Grade C with a minimum yield strength of 50,000 psi. The pole shaft has a full length longitudinal resistance weld and is uniformly cylindrical in cross-section with round sides and excellent torsional properties.

BASE PLATE

The anchor base is fabricated from structural quality hot rolled carbon steel plate that meets or exceeds a minimum yield strength of 36,000 psi. The anchor base telescopes the pole shaft and is circumferentially welded top and bottom. All welds are performed in accordance with the American Welding Society specification AWS D1.1, latest edition.

HANDHOLE

An oval reinforced gasketed handhole, having a nominal 2" x 4" or 3" x 5" inside opening, located 1'-6" above base, is standard on all poles. A grounding provision is located inside the handhole ring.

ANCHOR BOLTS

Anchor bolts are fabricated from commercial quality hot rolled carbon steel bar that meets or exceeds a minimum yield strength of 55,000 psi. Four properly sized anchor bolts, each with two regular hex nuts and washers, are furnished and shipped with all poles unless otherwise specified. Anchor bolts shall have the threaded end galvanized a minimum of 8" in accordance with ASTM A153. Fully galvanized anchor bolts are available upon request.

FINISHES

The Standard Finish is a polyester thermosetting powder coating applied to the surface of the substrate to a minimum of 3 mils for all color finishes. Hot dip Galvanized finish to a ASTM A123 specification or primed finish is also available. For optional finishes, consult factory.

ORDERING EXAMPLE

SERIES	HEIGHT	BASE DIAMETER	GAUGE	FINISH	MOUNTING DESIGNATION	OPTIONS
RSP	30	- 5.0	- 11	- BRZ	- DM10	- BC
				BRZ - Bronze BLK - Black G - Galvanized	<i>Tenon Mount</i> 2 - 2 3/8" x 4" tenon 3 - 2 1/2" x 4" tenon <i>Drill Mount</i> DM10 - 1 luminaire DM2090 - 2 luminaires @90° DM2180 - 2 luminaires @180° DM3090 - 3 luminaires @90° DM3120 - 3 luminaires @120° DM4090 - 4 luminaires @90°	BC - Base Cover CPL - Threaded Coupling* NPL - Threaded Nipple* WPRP - Festoon Opening** LAB - Less Anchor Bolt VDI - Vibration Damper Internal XHH - Extra Handhole* CSBP - Cast Steel Base Plate <i>Embedment Pole Options</i> E - Embedded Pole GS - Ground Sleeve CTE - Coal Tar Epoxy <i>Additional Simplex</i> 1S - 1 @ 0° * 2S - 2 @ 180° * 3S - 3 @ 90° * 4S - 4 @ 90° *

* Please advise size, location, and orientation. (Handholes are restricted by size of pole shaft diameter)

** Located 24" above baseplate and same side as handhole. (No electrical included)

Round Pole

STEEL | NON-TAPERED

PROJECT

TYPE

SPECIFICATION

Catalog Number	Nominal Height	Pole Shaft	Gauge	Handhole Size	Anchor Bolt	Bolt Circle	80 mph	90 mph	100 mph	Ship Weight
RSP10-4.0-11	10	4.00 x 10.0	11	2 x 4	0.75 x 17 x 3	8	31	24	19.5	78
RSP10-4.5-11	10	4.50 x 10.0	11	3 x 5	0.75 x 17 x 3	8	40	31.5	25	84
RSP10-5.0-11	10	5.0 x 10.0	11	3 x 5	1.00 x 36 x 4	11	51	40.5	32.5	139
RSP12-4.0-11	12	4.00 x 12.0	11	2 x 4	0.75 x 17 x 3	8	28.9	23.4	19.2	73
RSP12-4.5-11	12	4.50 x 12.0	11	3 x 5	0.75 x 17 x 3	8	34	27	21.5	96
RSP12-5.0-11	12	5.0 x 12.0	11	3 x 5	1.00 x 36 x 4	11	43	33.5	27	153
RSP14-4.0-11	14	4.00 x 14.0	11	2 x 4	0.75 x 17 x 3	8	23.6	19.1	15.6	99
RSP14-4.5-11	14	4.50 x 14.0	11	3 x 5	0.75 x 17 x 3	8	28	22	17	108
RSP14-5.0-11	14	5.0 x 14.0	11	3 x 5	1.00 x 36 x 4	11	36	28	22.5	166
RSP15-4.0-11	15	4.00 x 15.0	11	2 x 4	0.75 x 17 x 3	8	18.1	14.5	11.8	88
RSP15-4.5-11	15	4.50 x 15.0	11	3 x 5	0.75 x 17 x 3	8	26.5	20.5	16.3	98
RSP15-5.0-11	15	5.0 x 15.0	11	3 x 5	1.00 x 36 x 4	11	33	26	20.5	173
RSP15-5.0-7	15	5.0 x 15.0	7	3 x 5	1.00 x 36 x 4	11	50	39	31.5	222
RSP16-4.0-11	16	4.00 x 16.0	11	2 x 4	0.75 x 17 x 3	8	16.5	13.2	10.6	93
RSP16-4.5-11	16	4.50 x 16.0	11	3 x 5	0.75 x 17 x 3	8	24.4	18.8	14.8	120
RSP16-5.56-7	16	5.56 x 16	7	3 x 5	1.00 x 42 x 4	10	47	37	29	254
RSP16-5.0-11	16	5.0 x 16.0	11	3 x 5	1.00 x 36 x 4	11	31	24.2	19.4	179
RSP16-5.0-7	16	5.0 x 16.0	7	3 x 5	1.00 x 36 x 4	11	47	37	29	232
RSP18-4.0-11	18	4.00 x 18.0	11	2 x 4	0.75 x 17 x 3	8	13.7	10.8	8.6	103
RSP18-4.5-11	18	4.50 x 18.0	11	3 x 5	0.75 x 17 x 3	8	21	16	12.5	132
RSP18-5.0-11	18	5.0 x 18.0	11	3 x 5	1.00 x 36 x 4	11	27	21	16.5	192
RSP18-5.0-7	18	5.0 x 18.0	7	3 x 5	1.00 x 36 x 4	11	40	31	25.2	252
RSP20-4.0-11	20	4.00 x 20.0	11	2 x 4	0.75 x 17 x 3	8	11.4	8.9	6.9	123
RSP20-4.5-11	20	4.50 x 20.0	11	3 x 5	0.75 x 30 x 3	8	15.5	12.2	9.6	135
RSP20-5.0-11	20	5.00 x 20.0	11	3 x 5	1.00 x 36 x 4	11	20.3	16	12.7	189
RSP20-5.0-7	20	5.00 x 20.0	7	3 x 5	1.00 x 36 x 4	11	28.2	22.4	18	253
RSP22-4.5-11	22	4.50 x 22.0	11	3 x 5	0.75 x 30 x 3	8	13	10.1	7.8	147
RSP22-4.0-11	22	4.00 x 22.0	11	2 x 4	0.75 x 17 x 3	8	7	5.1	3.7	148
RSP22-5.0-11	22	5.00 x 22.0	11	3 x 5	1.00 x 36 x 4	11	17.3	13.5	10.5	202
RSP22-5.0-7	22	5.00 x 22.0	7	3 x 5	1.00 x 36 x 4	11	24.2	19.2	15.3	272
RSP24-4.0-11	24	4.00 x 24.0	11	2 x 4	0.75 x 17 x 3	8	7	5.1	3.7	148
RSP24-4.5-11	24	4.50 x 24.0	11	3 x 5	0.75 x 30 x 3	8	10.9	8.3	6.3	158
RSP24-5.0-11	24	5.00 x 24.0	11	3 x 5	1.00 x 36 x 4	11	14.6	11.3	8.6	215
RSP24-5.0-7	24	5.00 x 24.0	7	3 x 5	1.00 x 36 x 4	11	20.9	16.4	12.9	292
RSP25-4.0-11	25	4.00 x 25.0	11	2 x 4	0.75 x 17 x 3	8	7	5.1	3.7	148
RSP25-4.5-11	25	4.50 x 25.0	11	3 x 5	0.75 x 30 x 3	8	10	7.5	5.5	164
RSP25-5.0-11	25	5.00 x 25.0	11	3 x 5	1.00 x 36 x 4	11	13.5	10.3	7.8	221
RSP25-5.0-7	25	5.00 x 25.0	7	3 x 5	1.00 x 36 x 4	11	19.4	15.1	11.8	301
RSP26-4.5-11	26	4.50 x 26.0	11	3 x 5	0.75 x 30 x 3	8	9.1	6.7	4.9	170
RSP26-5.0-11	26	5.00 x 26.0	11	3 x 5	1.00 x 36 x 4	11	12.4	9.3	7	228
RSP26-5.0-7	26	5.00 x 26.0	7	3 x 5	1.00 x 36 x 4	11	18	13.9	10.8	311
RSP28-4.5-11	28	4.50 x 28.0	11	3 x 5	0.75 x 30 x 3	8	7.4	5.3	3.6	182
RSP28-5.0-11	28	5.00 x 28.0	11	3 x 5	1.00 x 36 x 4	11	10.4	7.6	5.5	240
RSP28-5.0-7	28	5.00 x 28.0	7	3 x 5	1.00 x 36 x 4	11	15.4	11.7	8.9	330
RSP30-4.5-11	30	4.50 x 30.0	11	3 x 5	0.75 x 30 x 3	8	5.3	3.5	2.2	193
RSP30-5.0-11	30	5.00 x 30.0	11	3 x 5	1.00 x 36 x 4	11	7.6	5.3	3.6	253
RSP30-5.0-7	30	5.00 x 30.0	7	3 x 5	1.00 x 36 x 4	11	11.5	8.5	6.2	349
RSP35-5.0-7	35	5.00 x 35.0	7	3 x 5	1.00 x 36 x 4	11	7	4.6	2.8	397