

Round Non-Tapered Steel Poles



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.

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 inches in accordance with ASTM A153. Fully galvanized anchor bolts are available upon request.

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.

Finishes

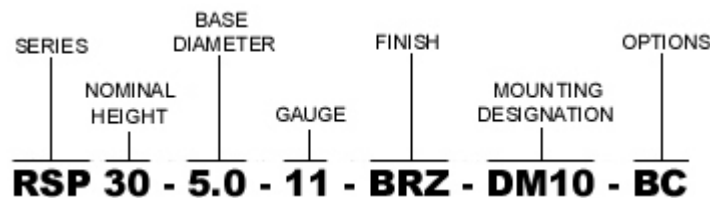
The [Standard Finish](#) is a polyester thermosetting powder coating applied to the surface of the substrate to a minimum of 3 mils for all color finishes. [Hot dip Galvanized](#) finish to a ASTM A123 specification or primed finish is also available. For optional finishes, see [K-KLAD](#) and [K-KLAD Over Galvanizing](#).

HOW TO ORDER

When ordering KW lighting standards, mounting adaptors and accessories, be sure to specify the complete catalog number. Our catalog numbers reflect the precise specifications of the item ordered to ensure our customers will receive the product which meets their exact requirements.

The following explanation of the catalog numbers will be helpful in placing orders:

CATALOG LOGIC - ORDERING SAMPLE



HIDE ALL CATALOG ITEMS



Catalog Number	Nominal Height	Pole Shaft	Gauge	Handhole Size	Anchor Bolt	Bolt Circle	80 MPH	90 MPH	100 MPH	Ship WT.
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

FINISHES

Standard

BRZ Bronze
BLK Black
GRY Gray
GRN Green
WHT White
P Primed
NA Natural Aluminum

Galvanized

G Galvanized

K-KLAD

K813 Bronze
K821 Black
K841 Gray
K891 Green
K881 White
K845 Natural Aluminum

K-KLAD Over Galvanizing

KZ13 Bronze
KZ21 Black
KZ41 Gray
KZ91 Green
KZ81 White
KZ45 Natural Aluminum

1 YEAR WARRANTY

5 YEAR WARRANTY

10 YEAR WARRANTY

MOUNTING DESIGNATIONS

Tenon Mount

Drill Mount

2	2 3/8" x 4" TENON
3	2 7/8" x 4" TENON
3.5	3 1/2" x 6" TENON
4	4" x 6" TENON
4x4	4" x 4" TENON

DM10	Drilled for 1 Luminaire
DM2090	Drilled for 2 Luminaires @ 90°
DM2180	Drilled for 2 Luminaires @ 180°
DM3090	Drilled for 3 Luminaires @ 90°
DM3120	Drilled for 3 Luminaires @ 120°
DM4090	Drilled for 4 Luminaires @ 90°

Open Mount

OT	Open Top
OTC	Open Top includes Pole Cap

Gain Mount

1GSS4	(1) CXA
2GSS4	(2) CXA's located on the Same Side
3GSS4	(3) CXA's located on the Same Side
4GSS4	(4) CXA's located on the Same Side
2GBB4	(2) CXA's located Back to Back
4GBB4	(4) CXA's located Back to Back
1GSS9	(1) CXASQ
2GSS9	(2) CXASQ's located on the Same Side
3GSS9	(3) CXASQ's located on the Same Side
4GSS9	(4) CXASQ's located on the Same Side
2GBB9	(2) CXASQ's located Back to Back
4GBB9	(4) CXASQ's located Back to Back

OPTIONS

There are numerous options that can be ordered. Please indicate these selections under the options column in the catalog number. Example: CPL-WPR2-BC.

Accessories

BC	Base Cover
CPL	Threaded Coupling*
NPL	Threaded Nipple*
WPRP	Festoon Opening**
LAB	Less Anchor Bolt
VDI	Vibration Damper Internal

Extra Handholes

XHH	Extra Handhole*
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Embedment Pole Options

E	Embedded Pole
GS	Ground Sleeve
CTE	Coal Tar Epoxy

For Embedment Poles:

Recommended Mounting Height	Recommended Embedment Depth
Less than 20'	4'
20' - 33'	6'
Greater than 33'	7'

Additional Simplex

1S	1 @ 0° *
2S	2 @ 180° *
3S	3 @ 90° *
4S	4 @ 90° *

Greater embedment depths are available upon request.

Optional Cast Steel Base Plate

CSBP	Cast Steel Base Plate
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* 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)

PACKAGING

Immediately after coating, the lighting standard including the baseplate shall be wrapped in heavy corrugation specially designed and sized to achieve maximum protection in transit.

KW Industries, Inc. coating process system and stringent quality control procedures provide our customer the finest quality lighting standards in the industry.