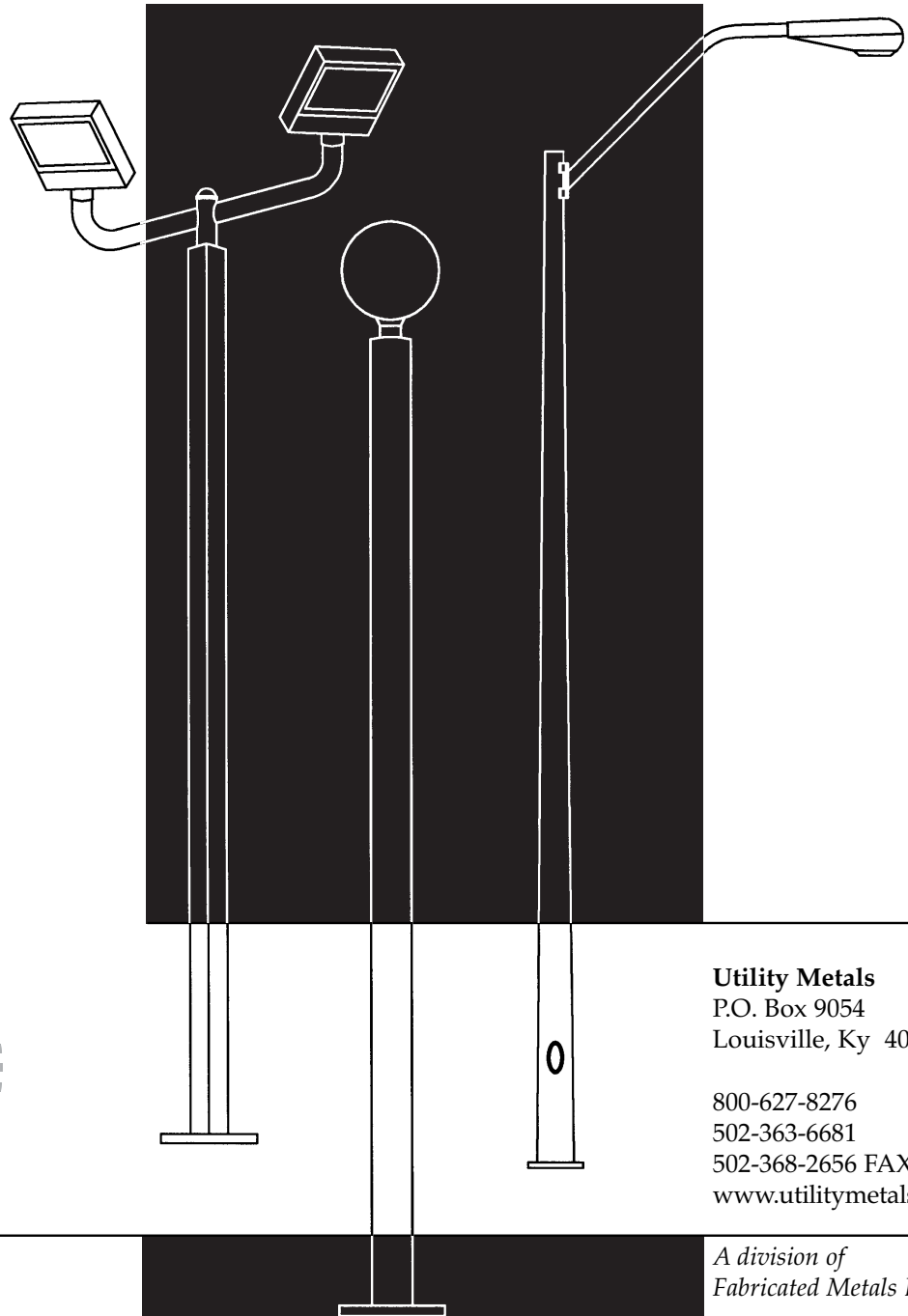




AREA LIGHTING POLES

SQUARE STEEL • ROUND STEEL • ROUND TAPERED STEEL



Utility Metals
P.O. Box 9054
Louisville, Ky 40209

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502-363-6681
502-368-2656 FAX
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*A division of
Fabricated Metals LLC*
ALP-6

TABLE OF CONTENTS

SQUARE STEEL POLES

Dimension Chart	1
General Specifications	1
Capacity Chart	2

ROUND STEEL POLES

Dimension Chart	3
Capacity Chart	4
General Specifications	4

ROUND TAPERED STEEL POLES

Dimension Chart	5
Capacity Chart	6
General Specifications	6

SQUARE STEEL DIRECT BURIAL POLES

Dimension Chart	7
General Specifications	7

ROUND STEEL DIRECT BURIAL POLES

Dimension Chart	8
General Specifications	8

ROUND TAPERED STEEL DIRECT BURIAL POLES

Dimension Chart	9
General Specifications	9

ROUND TAPERED STEEL POLES WITH ARMS

Mounting Height Chart	10
General Specifications	10

WIND VELOCITY MAP

11

HELIX FOUNDATIONS

12

TENON ADAPTERS & TENON REDUCERS

13

BASE PLATE ADAPTER FOR POLES

13

SQUARE THREADED BREAKAWAY PEDESTAL BASE

13

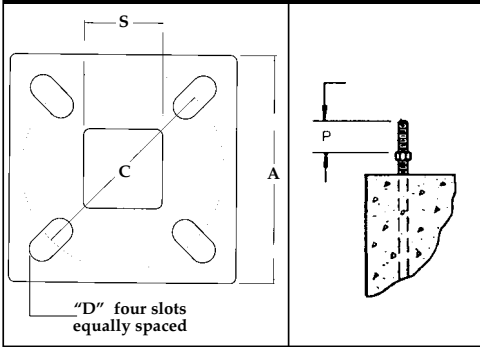
TENON/UPSWEPT BRACKETS

14

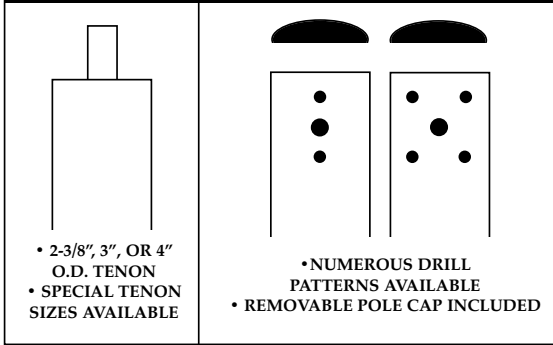
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SQUARE STEEL POLES

BOLT CIRCLE & PROJECTION DRAWINGS

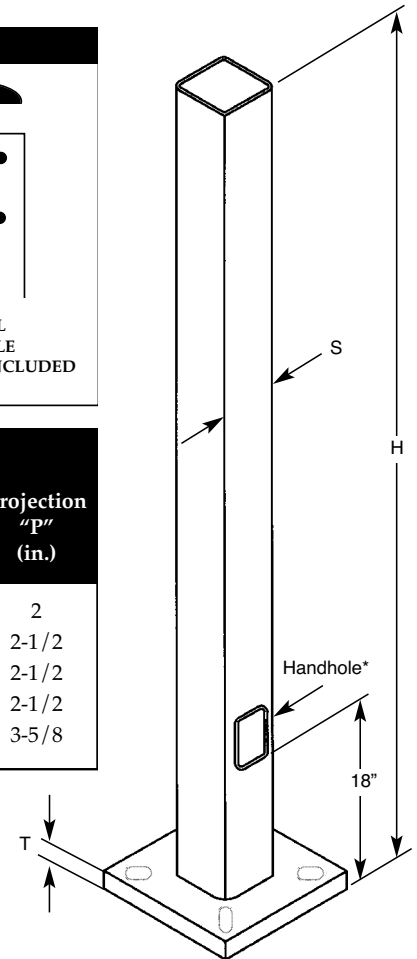


OPTIONS FOR POLE TOP:



Square Shaft Size "S" (in.)	Bolt Circle Dia "C" (in.)	Plate Thickness "T" (in.)	Slot Size (width x length) "D" (in.)	Slot Range (in.)	Square Base Size "A" (in.)	Anchor Bolts (in.)	Projection "P" (in.)
4	9	1	1 x 2	8-10	10	3/4x20x3	2
5	11	1	1-1/4 x 2-1/4	10-12	12	1x36x3	2-1/2
6	13	1	1-1/4 x 2-1/4	12-14	14	1x36x3	2-1/2
7	16	1	1-1/4 x 2-1/4	15-17	17	1x36x3	2-1/2
8	17	1-1/4	1-1/4 x 2-3/4	16-18	18	1-1/2x60x6	3-5/8

Non-slotted base plates are also available.



*Handhole size: 3" x 6" for 4" and 5" poles; 4" x 6" for 6" and larger poles.

GENERAL SPECIFICATIONS

SQUARE STEEL POLES...

- Shaft - 46,000 p.s.i. minimum yield
- Base covers
- Base plates - 36,000 p.s.i. minimum yield
- Reinforced hand hole with grounding lug and removable cover
- Top tenon or drill pattern with removable pole cap
- Four galvanized anchor bolts with galvanized hardware
- Anchor bolt template included

LIGHTING POLES

ALSO AVAILABLE...

- Various standard powdercoat finishes available, wrapped to help prevent damage during shipment
- Hot dip galvanizing
- Primer finish
- Special colors available in acrylic enamel or powdercoat at an additional charge
- Custom base plates to match existing anchor bolts
- Single/double GFI duplex receptacle with weather-proof cover
- Direct burial poles

SQUARE STEEL POLE CAPACITY CHART

POLE CATALOG NUMBER	NOM. MTG. "H" (ft)	SHAFT SIZE "S" (in)	SHAFT THICKNESS (in)	POLE CAPACITY EPA (FT ³)												SHIP WT. (lb)
				@ 70 MPH				@ 80 MPH				@ 100 MPH				
				50	100	150	200	50	100	150	200	50	100	150	200	
SQP4-11-10	10	4	1/8	35.9	35.3	34.7	34.1	27.0	26.5	26.0	25.6	16.5	16.2	15.9	15.6	101#
SQP4-11-15	15	4	1/8	18.7	18.2	17.8	17.3	13.6	13.3	12.9	12.6	7.7	7.5	7.3	7.1	134#
SQP4-11-20	20	4	1/8	12.3	11.8	11.3	10.8	8.4	8.1	7.7	7.3	3.9	3.7	3.5	3.2	166#
SQP5-11-20	20	5	1/8	20.8	20.3	19.9	19.5	14.7	14.4	14.0	13.7	7.6	7.4	7.2	7.0	233#
SQP4-07-20	20	4	3/16	23.4	22.9	22.4	21.9	17.0	16.6	16.2	15.9	9.4	9.2	9.0	8.7	225#
SQP5-07-20	20	5	3/16	38.1	37.7	37.3	36.8	28.1	27.8	27.4	27.1	16.2	16.0	15.8	15.6	313#
SQP6-07-20	20	6	3/16	50.1	49.7	49.3	48.9	37.0	36.7	36.4	36.2	21.6	21.4	21.2	21.0	379#
SQP4-11-25	25	4	1/8	7.6	7.1	6.6	6.1	4.1	3.7	3.4	3.0	-	-	-	-	198#
SQP5-11-25	25	5	1/8	14.1	13.6	13.2	12.8	9.2	8.9	8.5	8.2	3.5	3.3	3.1	2.9	273#
SQP4-07-25	25	4	3/16	16.5	16.0	15.5	15.0	11.5	11.0	10.6	10.2	5.5	5.2	4.9	4.7	272#
SQP5-07-25	25	5	3/16	28.1	27.7	27.2	26.7	20.0	19.7	19.3	19.0	10.5	10.3	10.0	9.8	373#
SQP6-07-25	25	6	3/16	37.3	36.9	36.5	36.1	26.8	26.5	26.2	25.9	14.3	14.1	13.9	13.7	453#
SQP5-11-30	30	5	1/8	8.0	7.6	7.2	6.8	4.4	4.1	3.7	3.4	-	-	-	-	313#
SQP5-07-30	30	5	3/16	18.7	18.2	17.8	17.3	12.6	12.2	11.9	11.5	5.4	5.2	5.0	4.7	433#
SQP6-07-30	30	6	3/16	25.2	24.9	24.5	24.1	17.3	17.0	16.7	16.4	7.9	7.7	7.5	7.3	527#
SQP7-07-30	30	7	3/16	36.4	36.1	35.8	35.4	25.5	25.2	25.0	24.8	12.6	12.5	12.3	12.1	620#
SQP8-07-30	30	8	3/16	49.5	49.2	48.9	48.6	35.3	35.0	34.8	34.5	18.3	18.2	18.0	17.9	752#
SQP5-07-35	35	5	3/16	13.0	12.5	12.0	11.5	7.9	7.5	7.1	6.8	1.8	1.6	1.3	1.1	493#
SQP6-07-35	35	6	3/16	18.2	17.8	17.4	17.0	11.4	11.1	10.8	10.5	3.5	3.3	3.1	2.9	599#
SQP7-07-35	35	7	3/16	27.3	27.0	26.6	26.3	18.1	17.8	17.5	17.2	7.1	6.9	6.7	6.5	706#
SQP6-03-35	35	6	1/4	32.4	32.0	31.6	31.2	22.3	22.0	21.7	21.3	10.4	10.2	10.0	9.8	756#
SQP7-03-35	35	7	1/4	40.7	40.4	40.0	39.6	28.2	27.9	27.7	27.4	13.6	13.4	13.2	13.0	893#
SQP8-07-35	35	8	3/16	38.2	37.8	37.5	37.2	25.9	25.7	25.4	25.2	11.5	11.3	11.2	11.0	850#
SQP8-03-35	35	8	1/4	55.7	55.4	55.0	54.7	39.3	39.0	38.8	38.5	20.0	19.9	19.7	19.5	1066#
SQP6-07-40	40	6	3/16	12.3	11.9	11.4	11.0	6.5	6.2	5.8	5.5	-	-	-	-	672#
SQP7-07-40	40	7	3/16	19.8	19.4	19.1	18.7	11.8	11.5	11.2	10.9	2.3	2.1	1.9	1.7	791#
SQP6-03-40	40	6	1/4	24.6	24.1	23.7	23.2	15.8	15.5	15.2	14.8	5.6	5.4	5.2	5.0	852#
SQP7-03-40	40	7	1/4	31.4	31.0	30.6	30.3	20.6	20.3	20.0	19.7	7.9	7.7	7.5	7.4	1005#
SQP8-07-40	40	8	3/16	28.8	28.5	28.1	27.8	18.2	17.9	17.7	17.4	5.6	5.5	5.3	5.1	948#
SQP8-03-40	40	8	1/4	44.0	43.7	43.4	43.0	29.8	29.5	29.2	29.0	13.0	12.9	12.7	12.5	1196#

The maximum EPAs as shown are based on the requirements found in AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, 1985." When using wind speeds other than those based upon the fastest-mile design wind speed and its 1.3 gust coefficient, please contact Utility Metals for assistance.

To select a pole, first add the weights and EPA's of the mounting brackets and luminaires to get the combined load per pole. The wind speed is determined by local conditions. The mounting height can be determined by the luminaire manufacturer's specifications. Choose the wind speed category, then the column that exceeds the combined load in weight. Move down the column to the desired height, then to the first pole that exceeds the combined load EPA. This should be your best value. Remember the pole capacity must exceed the combined load in both weight and EPA.

The pole capacity chart has been calculated with mounting

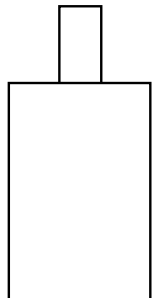
at ground level and 1.3 gust factor included. No provisions have been made for banners, pendants, signs, flags, overhead wiring or other items that might be fastened to the pole.

Local soil conditions determine the type of foundation required for each pole.

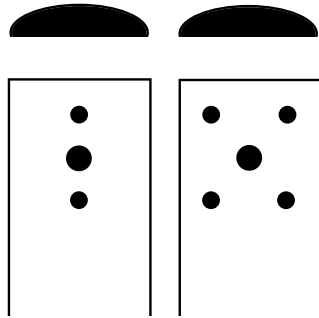
The capacities shown are based on a 24" off center load. This is usually the most conservative configuration. We have extensive charts for other wind, weight and luminaire mountings. If we know your application, we can provide you with the most economical pole.

ROUND STEEL POLES

OPTIONS FOR POLE TOP:

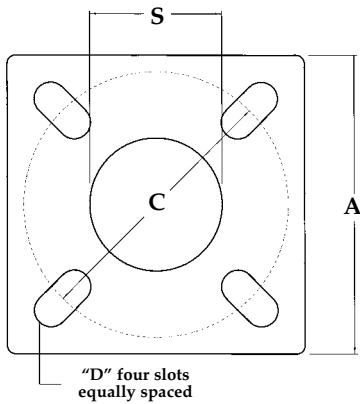


- 2-3/8", 3", OR 4" O.D. TENON
- SPECIAL TENON SIZES AVAILABLE

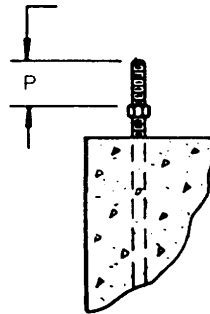


- NUMEROUS DRILL PATTERNS AVAILABLE
- REMOVABLE POLE CAP INCLUDED

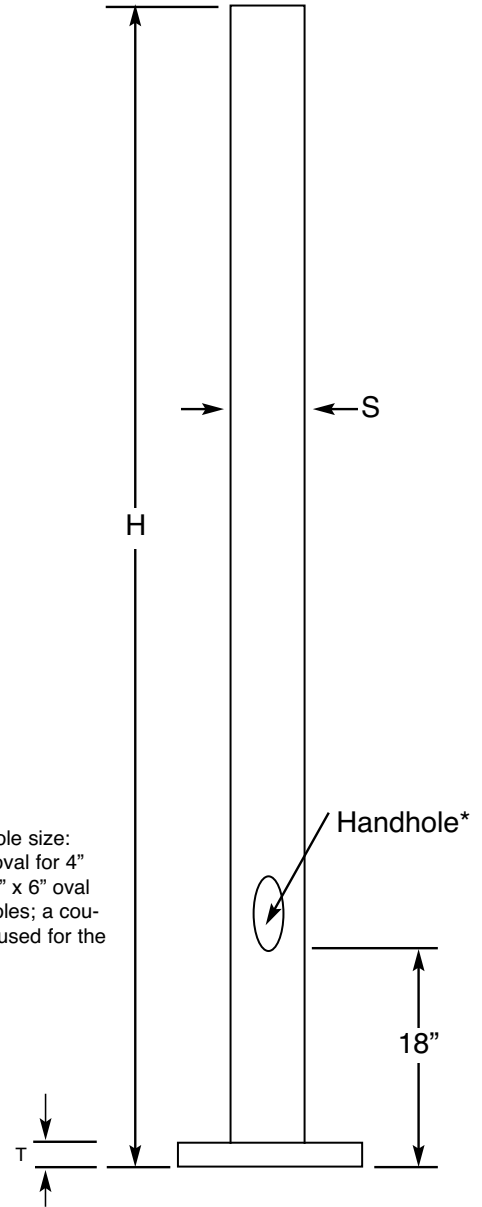
BOLT CIRCLE & PROJECTION DRAWINGS



Non-slotted base plates are also available.



*Handhole size: 2" x 5" oval for 4" poles; 3" x 6" oval for 5" poles; a coupling is used for the 3" pole.



Round Shaft Size "S" (in.)	Bolt Circle Dia. "C" (in.)	Plate Thickness "T" (in.)	Slot Size (width x length) "D" (in.)	Slot Range (in.)	Square Base Size "A" (in.)	Anchor Bolts (in.)	Projection "P" (in.)
3	9	3/4	1 x 2	8-10	10	3/4x20x3	2
4	9	3/4	1 x 2	8-10	10	3/4x20x3	2
5	9	3/4	1 x 2	8-10	10	3/4x20x3	2
6	13-1/2	1	1-1/4 x 2-1/4	12-1/2-14-1/2	15	1x36x3	2-1/2

ROUND STEEL POLE CAPACITY CHART

POLE CATALOG NUMBER	NOM. MTG. "H" (ft)	SHAFT SIZE "S" (in)	SHAFT THICKNESS (in)	POLE CAPACITY EPA (FT ³)												SHIP WT. (lb)
				@ 70 MPH				@ 80 MPH				@ 100 MPH				
				LUMINAIRE WT. (lb)				LUMINAIRE WT. (lb)				LUMINAIRE WT. (lb)				
SRP3-7-10	10	3	3/16	17.4	17.1	16.9	16.6	13.0	12.8	12.6	12.4	7.8	7.7	7.6	7.4	90#
SRP4-7-10	10	4	3/16	32.7	32.5	32.3	32.1	24.6	24.4	24.3	24.1	15.2	15.1	15.0	14.9	109#
SRP3-7-15	15	3	3/16	8.4	8.1	7.8	7.5	6.0	5.8	5.5	5.3	3.2	3.1	2.9	2.8	116#
SRP4-7-15	15	4	3/16	16.6	16.4	16.2	15.9	12.1	12.0	11.8	11.6	7.1	7.0	6.9	6.8	147#
SRP4-7-20	20	4	3/16	10.7	10.5	10.2	9.9	7.4	7.2	7.0	6.7	3.7	3.6	3.4	3.3	185#
SRP5-7-20	20	5	3/16	18.6	18.3	18.1	17.9	13.4	13.2	13.1	12.9	8.2	8.1	7.9	7.8	228#
SRP4-7-25	25	4	3/16	6.6	6.3	5.9	5.6	4.0	3.8	3.5	3.2	1.3	1.1	0.9	0.7	223#
SRP5-7-25	25	5	3/16	12.6	12.3	12.0	11.7	8.6	8.4	8.2	7.9	4.9	4.8	4.7	4.5	276#
SRP5-7-30	30	5	3/16	7.3	6.9	6.6	6.3	4.4	4.2	3.9	3.7	2.2	2.0	1.9	1.7	324#

The maximum EPAs as shown are based on the requirements found in AASHTO "Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals, 1985." When using wind speeds other than those based upon the fastest-mile design wind speed and its 1.3 gust coefficient, please contact Utility Metals for assistance.

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The pole capacity chart has been calculated with mounting

at ground level and 1.3 gust factor included. No provisions have been made for banners, pendants, signs, flags, overhead wiring or other items that might be fastened to the pole.

Local soil conditions determine the type of foundation required for each pole.

The capacities shown are based on a 24" off center load. This is usually the most conservative configuration. We have extensive charts for other wind, weight and luminaire mountings. If we know your application, we can provide you with the most economical pole.

GENERAL SPECIFICATIONS

ROUND STEEL POLES...

- Shaft - 38,000 p.s.i. minimum yield
- Base covers
- Base plates - 36,000 p.s.i. minimum yield
- Reinforced hand hole with grounding lug and removable cover
- Top tenon or drill pattern with removable pole cap
- Four galvanized anchor bolts with galvanized hardware
- Anchor bolt template included

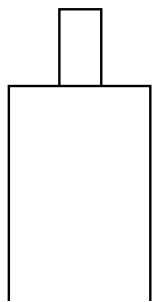
LIGHTING POLES

ALSO AVAILABLE...

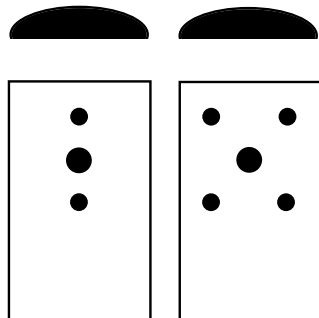
- Various standard powdercoat finishes available, wrapped to help prevent damage during shipment
- Hot dip galvanizing
- Primer finish
- Special colors available in acrylic enamel or powdercoat at an additional charge
- Custom base plates to match existing anchor bolts
- Single/double GFI duplex receptacle with weather-proof cover
- Direct burial poles

ROUND TAPERED STEEL POLES

OPTIONS FOR POLE TOP:

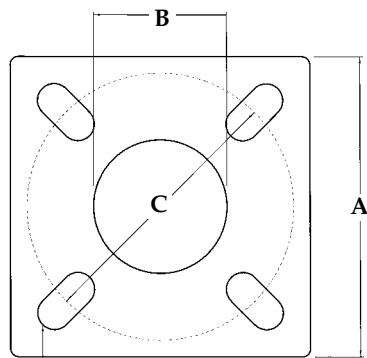


- 2-3/8", 3", OR 4" O.D. TENON
- SPECIAL TENON SIZES AVAILABLE



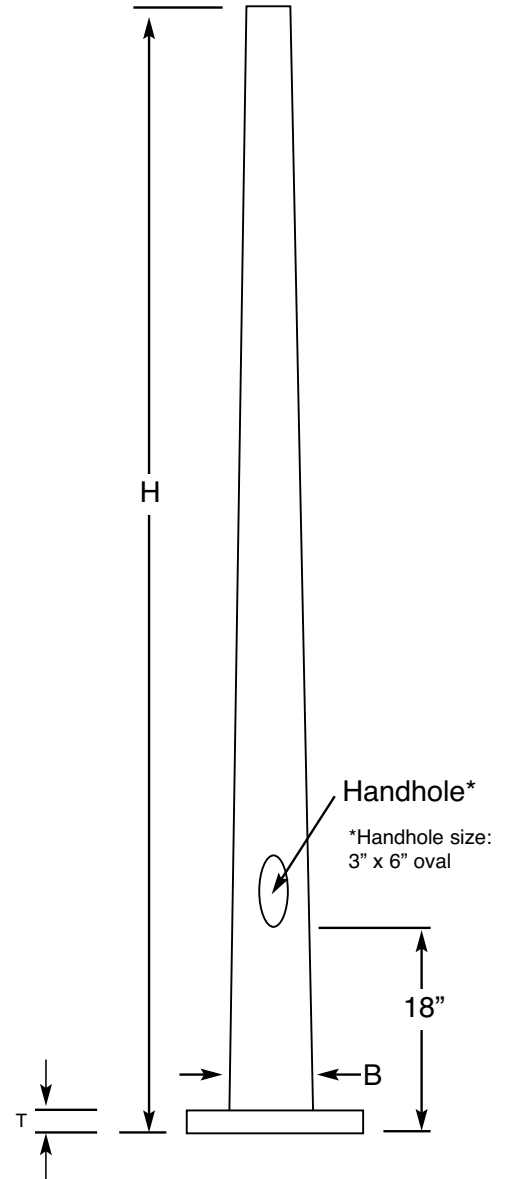
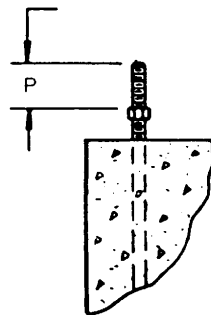
- NUMEROUS DRILL PATTERNS AVAILABLE
- REMOVABLE POLE CAP INCLUDED

BOLT CIRCLE & PROJECTION DRAWINGS



"D" four slots equally spaced

Non-slotted base plates are also available.



Round Shaft Size "B" (in.)	Bolt Circle Dia. "C" (in.)	Plate Thickness "T" (in.)	Slot Size (width x length) "D" (in.)	Slot Range (in.)	Square Base Size "A" (in.)	Anchor Bolts (in.)	Projection "P" (in.)
6.3	10-1/2	1	1-1/4 x 2-1/4	9-1/2-11-1/2	11	1x36x3	2-1/2
7.0	11	1	1-1/4 x 2-1/4	10-12	12	1x36x3	2-1/2
8.0	12	1	1-1/4 x 2-1/4	11-13	13	1x36x3	2-1/2
8.5	12-1/2	1	1-1/4 x 2-1/4	11-1/2-13-1/2	14	1x36x3	2-1/2
9.1	13-1/2	1-1/4	1-1/4 x 2-1/4	12-1/2-14-1/2	15	1x36x3	2-3/4

ROUND TAPERED STEEL POLE CAPACITY CHART

POLE CATALOG NUMBER	BOTTOM NOM. MTG. "H" (ft)	SHAFT SIZE "B" (in)	TOP SHAFT SIZE "S" (in)	POLE CAPACITY EPA (FT ²)												SHIP WT. (lb)
				@ 70 MPH				@ 80 MPH				@ 100 MPH				
				LUMINAIRE WT. (lb)				LUMINAIRE WT. (lb)				LUMINAIRE WT. (lb)				
				50	100	150	200	50	100	150	200	50	100	150	200	
SRTPA 6.3-11-15	15	6.3	4.2	43.2	42.9	42.6	42.3	32.4	32.2	32.0	31.8	20.4	20.2	20.1	20.0	168#
SRTPA 6.3-11-20	20	6.3	3.5	31.0	30.6	30.1	29.7	22.9	22.6	22.2	21.9	13.9	13.7	13.4	13.2	199#
SRTPA 7.0-11-20	20	7.0	4.2	39.0	38.6	38.2	37.9	29.1	28.8	28.5	28.2	18.1	17.9	17.7	17.5	213#
SRTPA 7.0-11-25	25	7.0	3.5	29.5	28.9	28.3	27.8	21.5	21.1	20.7	20.2	12.9	12.6	12.3	12.0	246#
SRTPA 8.0-11-25	25	8.0	4.5	39.8	39.4	38.9	38.5	29.5	29.3	29.0	28.6	18.4	18.2	18.0	17.8	278#
SRTPA 8.0-11-30	30	8.0	3.8	28.3	27.7	27.2	26.6	20.6	20.2	19.8	19.3	12.3	12.1	11.8	11.5	316#
SRTPA 8.5-11-30	30	8.5	4.3	31.9	31.4	30.9	30.4	23.4	23.1	22.7	22.3	14.3	14.1	13.8	13.6	324#
SRTPA 8.5-11-35	35	8.5	3.6	25.3	24.6	23.9	23.4	18.1	17.6	17.1	16.5	10.5	10.2	9.8	9.5	363#
SRTPA 9.1-11-35	35	9.1	4.2	28.9	28.3	27.7	27.2	21.0	20.6	20.1	19.7	12.6	12.3	12.0	11.7	394#
SRTPA 9.1-11-40	40	9.1	3.5	23.2	22.4	21.6	20.8	16.4	15.8	15.2	14.6	9.2	8.8	8.4	8.0	434#

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at ground level and 1.3 gust factor included. No provisions have been made for banners, pendants, signs, flags, overhead wiring or other items that might be fastened to the pole.

Local soil conditions determine the type of foundation required for each pole.

The capacities shown are based on a 24" off center load. This is usually the most conservative configuration. We have extensive charts for other wind, weight and luminaire mountings. If we know your application, we can provide you with the most economical pole.

GENERAL SPECIFICATIONS

ROUND TAPERED STEEL POLES...

- Shaft - 55,000 p.s.i. minimum yield
- Base covers
- Base plates - 36,000 p.s.i. minimum yield
- Reinforced hand hole with grounding lug and removable cover
- Top tenon or drill pattern with removable pole cap
- Four galvanized anchor bolts with galvanized hardware
- Anchor bolt template included

LIGHTING POLES

ALSO AVAILABLE...

- Various standard powdercoat finishes available, wrapped to help prevent damage during shipment
- Hot dip galvanizing
- Primer finish
- Special colors available in acrylic enamel or powdercoat at an additional charge
- Custom base plates to match existing anchor bolts
- Single/double GFI duplex receptacle with weather-proof cover
- Direct burial poles

SQUARE STEEL DIRECT BURIAL POLES

POLE CATALOG NUMBER	OVERALL SHAFT LENGTH (ft)	ABOVE GROUND HEIGHT (ft)	EMBED-DED LENGTH (ft)	SHAFT SIZE SQ. (in)	SHAFT THICKNESS (in)	SHIP WT. (lb)
DBSQP4-11-10	13	10	3	4	1/8	84#
DBSQP4-11-15	19	15	4	4	1/8	123#
DBSQP4-11-20	25	20	5	4	1/8	162#
DBSQP5-11-20	25	20	5	5	1/8	199#
DBSQP4-7-20	25	20	5	4	3/16	236#
DBSQP5-7-20	25	20	5	5	3/16	300#
DBSQP6-7-20	25	20	5	6	3/16	364#
DBSQP4-11-25	30	25	5	4	1/8	194#
DBSQP5-11-25	30	25	5	5	1/8	239#
DBSQP4-7-25	30	25	5	4	3/16	283#
DBSQP5-7-25	30	25	5	5	3/16	359#
DBSQP6-7-25	30	25	5	6	3/16	436#
DBSQP5-11-30	35	30	5	5	1/8	279#
DBSQP5-7-30	35	30	5	5	3/16	419#
DBSQP6-7-30	35	30	5	6	3/16	509#
DBSQP7-7-30	37	30	7	7	3/16	632#
DBSQP8-7-30	37	30	7	8	3/16	726#
DBSQP5-7-35	40	35	5	5	3/16	319#
DBSQP6-7-35	40	35	5	6	3/16	582#
DBSQP6-3-35	40	35	5	6	1/4	761#

Use Square Steel Pole Capacity Chart to determine loading limits on above ground height.

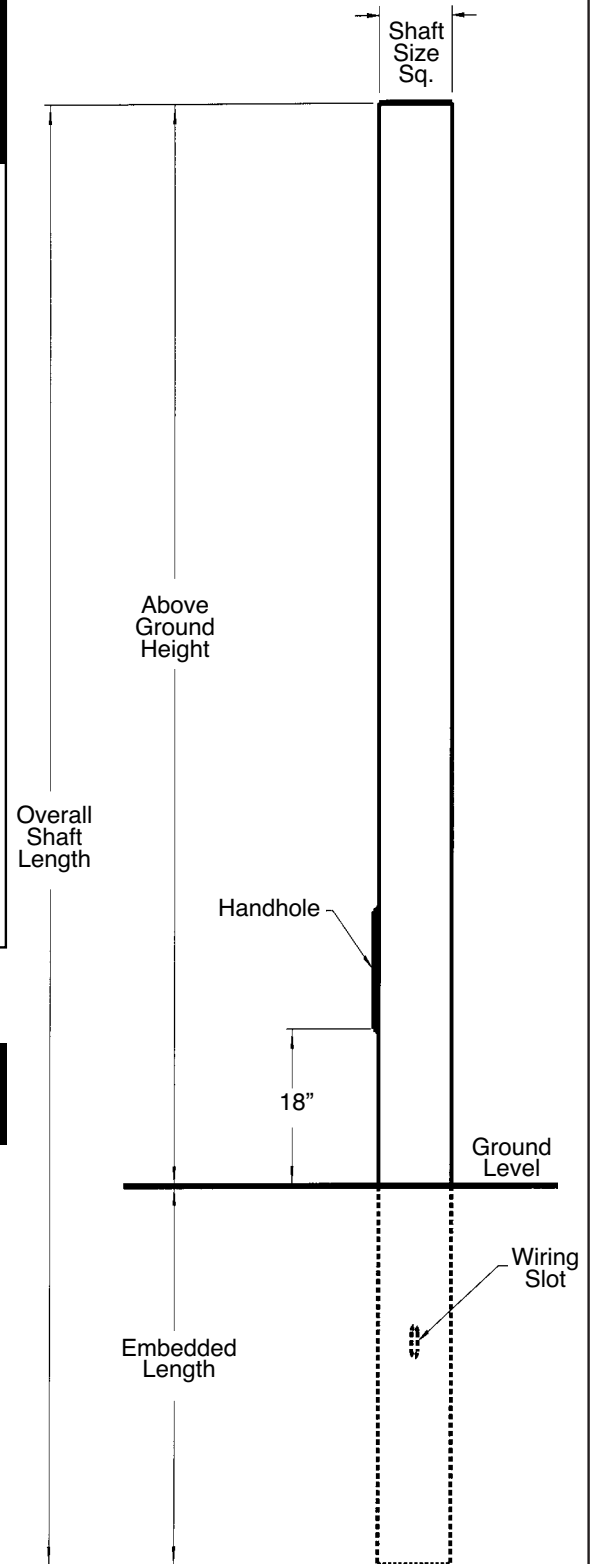
GENERAL SPECIFICATIONS

SQUARE STEEL POLES...

- Shaft – 55,000 p.s.i. minimum yield
- Reinforced hand hole with grounding lug and removable cover
- Top tenon or drill pattern with removable pole cap

ALSO AVAILABLE...

- Various standard powdercoat finishes available, wrapped to help prevent damage during shipment
- Hot dip galvanizing
- Primer finish
- Special colors available in acrylic enamel or powdercoat at an additional charge
- Single / double GFI duplex receptacle with weather-proof cover



ROUND STEEL DIRECT BURIAL POLES

POLE CATALOG NUMBER	OVERALL SHAFT LGTH (ft)	ABOVE GROUND HEIGHT (ft)	EMBEDDED LGTH (ft)	SHAFT SIZE ROUND (in)	SHAFT THICKNESS (in)	SHIP WT. (lb)
DBSRP3-7-10	13	10	3	3	3/16	74#
DBSRP4-7-10	13	10	3	4	3/16	100#
DBSRP3-7-15	20	15	5	3	3/16	113#
DBSRP4-7-15	20	15	5	4	3/16	153#
DBSRP4-7-20	25	20	5	4	3/16	192#
DBSRP5-7-20	25	20	5	5	3/16	242#
DBSRP4-7-25	30	25	5	4	3/16	230#
DBSRP5-7-25	30	25	5	5	3/16	290#
DBSRP5-7-30	35	30	5	5	3/16	339#

Use Round Steel Pole Capacity Chart to determine loading limits on above ground height.

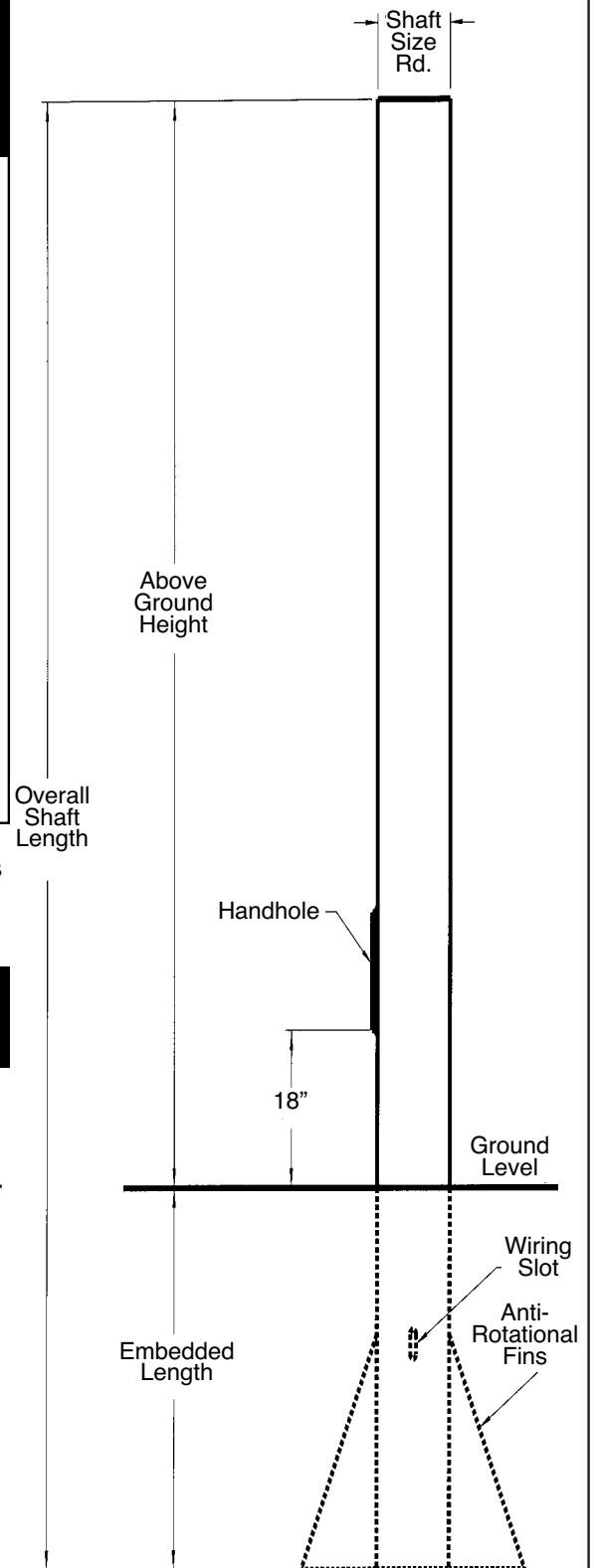
GENERAL SPECIFICATIONS

ROUND STEEL POLES...

- Shaft – 38,000 p.s.i. minimum yield
- Reinforced hand hole with grounding lug and removable cover
- Top tenon or drill pattern with removable pole cap

ALSO AVAILABLE...

- Various standard powdercoat finishes available, wrapped to help prevent damage during shipment
- Hot dip galvanizing
- Primer finish
- Special colors available in acrylic enamel or powdercoat at an additional charge
- Single/double GFI duplex receptacle with weather-proof cover



ROUND TAPERED STEEL DIRECT BURIAL POLES

POLE CATALOG NUMBER	OVERALL SHAFT LGTH (ft)	ABOVE GROUND HEIGHT (ft)	EMBEDDED LGTH (ft)	TOP O.D. (in)	BOTTOM O.D. (in)	SHIP WT. (lb)
DBSRTPA 6.3-11-15	20	15	5	3.5	6.3	124#
DBSRTPA 7.0-11-20	25	20	5	3.5	7.0	166#
DBSRTPA 8.0-11-25	30	25	5	3.8	8.0	255#
DBSRTPA 8.5-11-30	35	30	5	3.6	8.5	269#
DBSRTPA 9.1-11-33	40	33	7	3.5	9.1	320#

Use Round Tapered Steel Pole Capacity Chart to determine loading limits on above ground height.

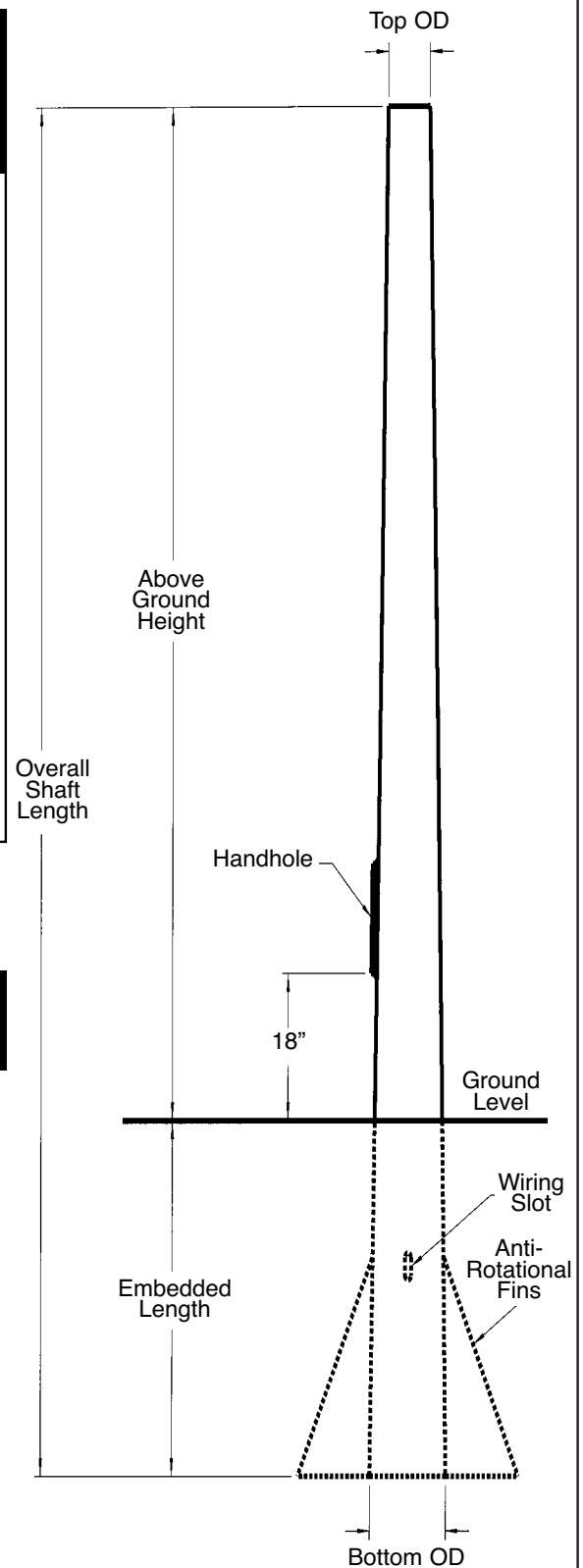
GENERAL SPECIFICATIONS

ROUND STEEL POLES...

- Shaft – 55,000 p.s.i. minimum yield
- Reinforced hand hole with grounding lug and removable cover
- Top tenon or drill pattern with removable pole cap

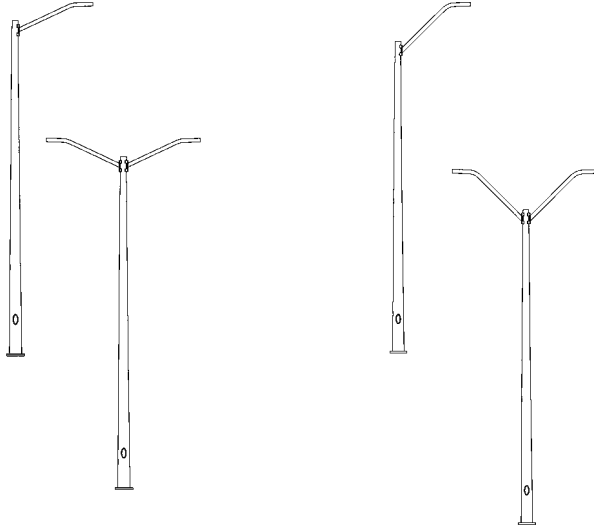
ALSO AVAILABLE...

- Various standard powdercoat finishes available, wrapped to help prevent damage during shipment
- Hot dip galvanizing
- Primer finish
- Special colors available in acrylic enamel or powdercoat at an additional charge
- Single/double GFI duplex receptacle with weather-proof cover



ROUND TAPERED STEEL POLES

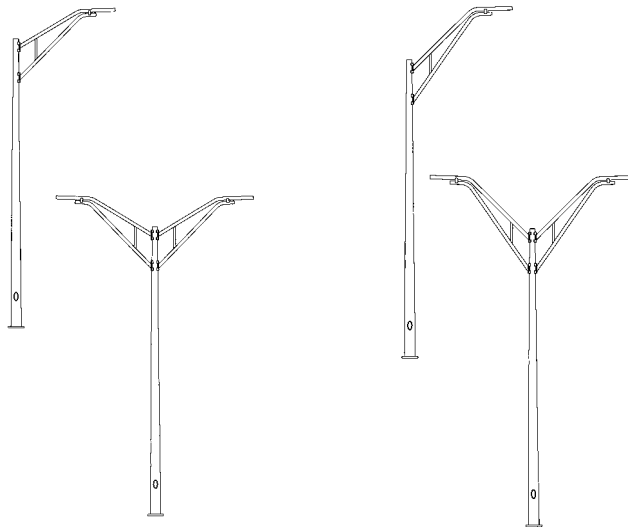
SINGLE ARM LENGTHS 4' TO 8'



MOUNTING HEIGHTS FROM 20' TO 45'

POLE CATALOG NUMBER	MAXIMUM MOUNTING HEIGHT
SRTPA6.3-11-20-WA	20-25'
SRTPA7.0-11-25-WA	25-30'
SRTPA8.0-11-30-WA	30-35'
SRTPA8.5-11-35-WA	35-40'
SRTPA9.1-11-40-WA	40-45'

TRUSS ARM LENGTHS 10' TO 15'



MOUNTING HEIGHTS FROM 20' TO 45'

POLE CATALOG NUMBER	MAXIMUM MOUNTING HEIGHT
SRTPA6.3-11-20-WTA	20-25'
SRTPA7.0-11-25-WTA	25-30'
SRTPA8.0-11-30-WTA	30-35'
SRTPA8.5-11-35-WTA	35-40'
SRTPA9.1-11-40-WTA	40-45'

GENERAL SPECIFICATIONS

ROUND TAPERED STEEL POLES...

- Shaft - 55,000 p.s.i. minimum yield
- Base covers
- Base plates - 36,000 p.s.i. minimum yield
- Reinforced hand hole w/grounding lug & removable cover
- Top tenon or drill pattern with removable pole cap
- Four galvanized anchor bolts with galvanized hardware
- Anchor bolt template included
- Single arms and truss arms must be ordered separately
- Use Round Tapered Steel Pole Capacity Chart to determine loading limits.

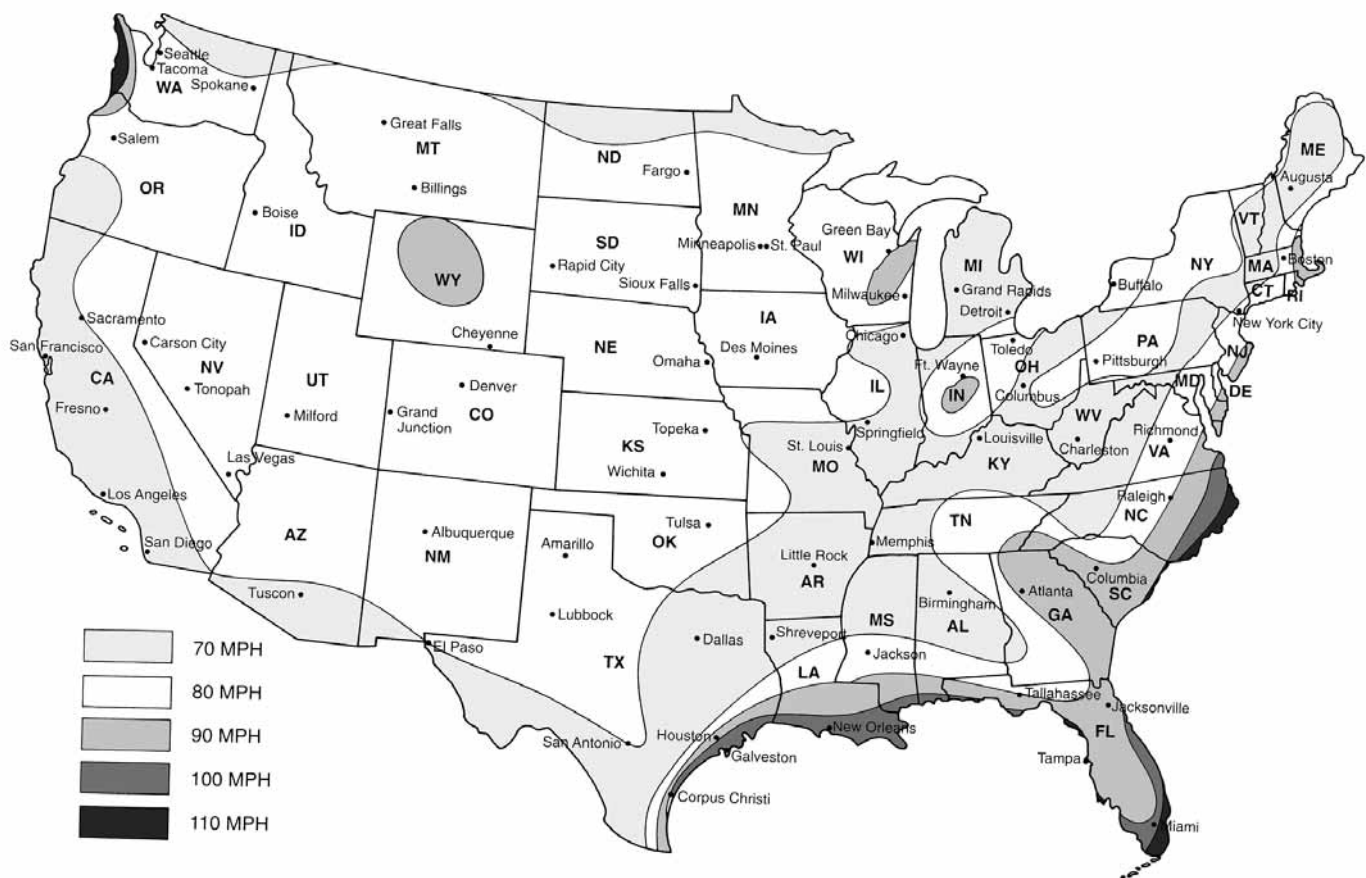
LIGHTING POLES

ALSO AVAILABLE...

- Various standard powdercoat finishes available, wrapped to help prevent damage during shipment
- Hot dip galvanizing
- Primer finish
- Special colors available in acrylic enamel or powdercoat at an additional charge
- Custom base plates to match existing anchor bolts
- Single/double GFI duplex receptacle with weather-proof cover
- Direct burial poles

WIND VELOCITY MAP

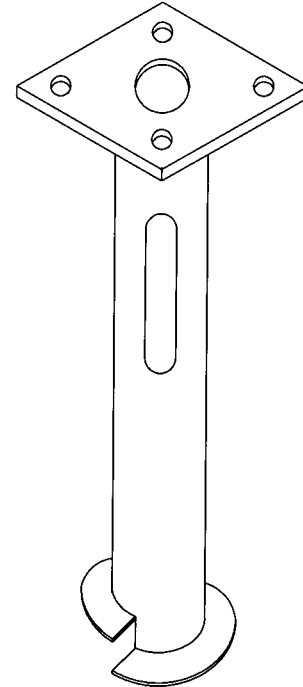
This map shows the 50-year mean recurrence of maximum steady winds at an elevation of 30 feet above ground and can be used as an aid in selecting a pole within a geographic location. The luminaire EPA and weight capacities within these locations are shown throughout this catalog.



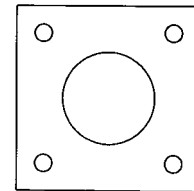
From *Standard Specifications for Structural Supports for Highway Signs, Luminaries, and Traffic Signals*, Copyright 2001, by the American Association of State Highway and Transportation Officials, Washington, D.C. Used by permission. www.aashto.org

HELIX FOUNDATIONS

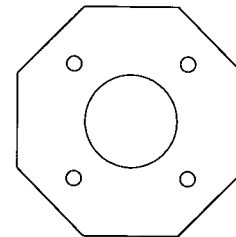
CATALOG NUMBER	SPECIFICATIONS
◆ UM-SLSF-6-5	6" body x .250 wall x 5' long helix; 12" square 1" plate having a 9" - 14" slotted bolt circle; (2) 2-1/2" x 12" cableways
◆ UM-SLSF-8-5	8" body x .250 wall x 5' long helix; 15-3/4" square 1" plate having a 11" - 17" slotted bolt circle; (2) 2-1/2" x 12" cableways
◆ UM-SLSF-8-7	8" body x .250 wall x 7' long helix; 15" square 1" plate having a 10" - 16" slotted bolt circle; (2) 3" x 24" cableways
UM-SLSF-6-4	6" body x .250 wall x 4' long helix
UM-SLSF-6-6	6" body x .250 wall x 6' long helix
UM-SLSF-6-7	6" body x .250 wall x 7' long helix
UM-SLSF-8-4	8" body x .250 wall x 4' long helix
UM-SLSF-8-6	8" body x .250 wall x 6' long helix
UM-SLSF-8-8	8" body x .250 wall x 8' long helix
UM-SLSF-10-6	10" body x .250 wall x 6' long helix
UM-SLSF-10-7	10" body x .250 wall x 7' long helix
UM-SLSF-10-8	10" body x .250 wall x 8' long helix
UM-SLSF-10-9	10" body x .250 wall x 9' long helix
UM-SLSF-10-10	10" body x .250 wall x 10' long helix
◆	Denotes stock item - most ship in 48 hours



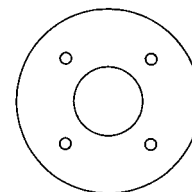
**BOLT CIRCLE
DRILLED OR TAPPED**



SQUARE



OCTAGONAL



ROUND

GENERAL SPECIFICATIONS

BASE PLATES:

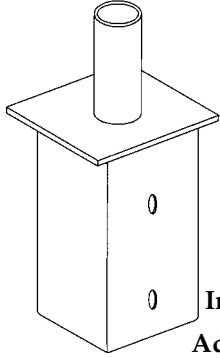
- ASTM A36
- Square, octagonal or round
- Slotted, drilled or tapped bolt circles
- Accepts 1" x 4" hardware (not included unless specified)

BODY:

- ASTM A53B
- Sizes - 2" - 14"
- Lengths - 3' - 12'
- Helix - 3" - 18" diameter

Cableways are provided and pivot stakes machined per specifications. Hot dipped galvanized after fabrication per ASTM A123 AASHTO M111

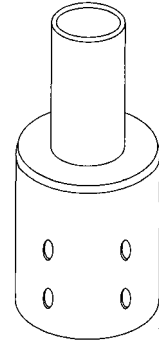
TENON ADAPTERS AND TENON REDUCERS



Internal
Tenon
Adapters

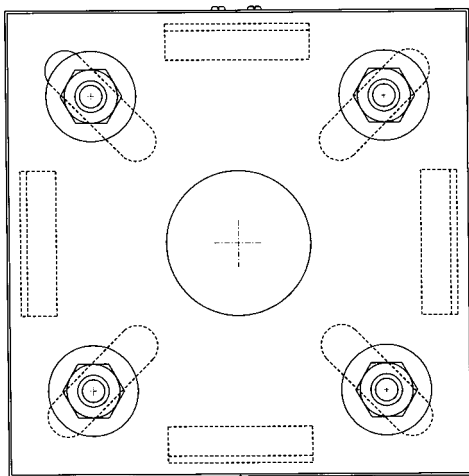
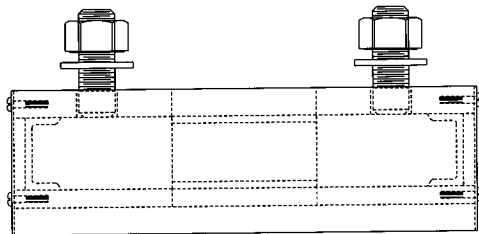
Removable Tenon Adapters For Square Steel Pole Mounting and Tenon Reducers For Round Pole Top Mounting

- Shipped with mounting hardware assembled
- Internal mounting on adapter
- External mounting on reducer
- Finish: Primer or hot dip galvanized

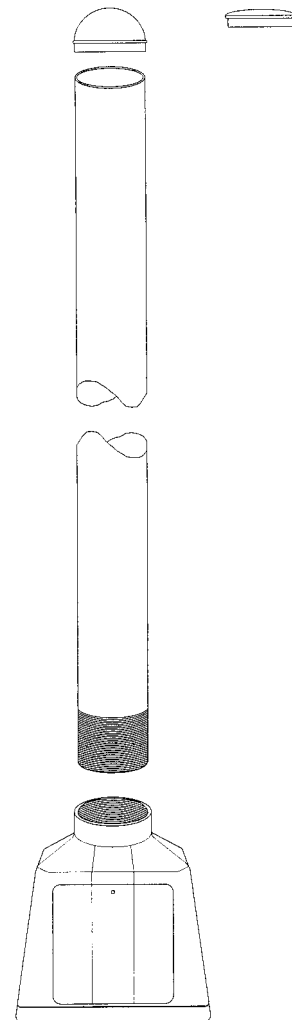


External
Tenon
Reducers

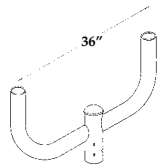
BASE PLATE ADAPTER FOR POLES



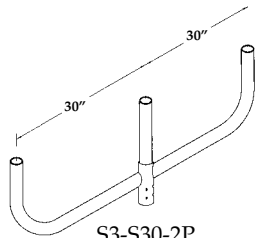
PEDESTRIAN POLE W/ BREAKAWAY BASE



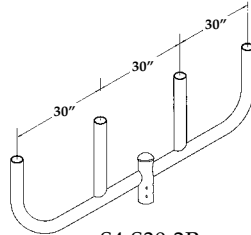
TENON BRACKETS



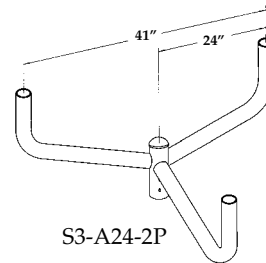
S2-S36-2P



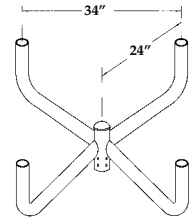
S3-S30-2P



S4-S30-2P

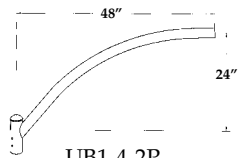


S3-A24-2P

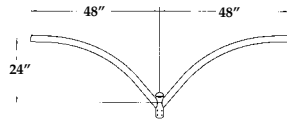


S4-A24-2P

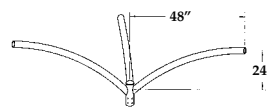
UPSWEEP BRACKETS



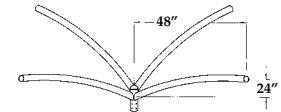
UB1-4-2P



UB2-4-2P



UB3-4-2P



UB4-4-2P

BRACKETS

- Mast Arms – variety of styles
- Cross Arm Brackets
- Sports Lighting Brackets and Cages
- Bullhorn Brackets
- Side Angle Brackets
- Right Angle Brackets
- Floodlight Brackets
- Truss Brackets

A substantial inventory of Mast Arms and Brackets are in stock for immediate shipment. Call 800-627-8276 for a complete catalog of brackets available from Utility Metals, or visit us at www.utilitymetals.com

OUR MISSION...

Utility Metals, an established company since 1955, manufactures and fabricates products primarily for the outdoor lighting market.

Utility Metals is committed to operating profitably based on fair and competitively priced products.

Utility Metals is dedicated to excellence in the industry, by being more efficient than our competition, and by providing the highest quality products through the assurance of a documented quality program.

Utility Metals is dedicated to customer satisfaction: fulfilling the needs of the

customer on a timely basis and building relationships through value added service.

Utility Metals is a responsible community partner and encourages employee involvement.

Utility Metals is committed to providing an environment for its employees that includes

respect, training, development, and fulfillment, in order to achieve job satisfaction and a high level of productivity.

Utility Metals is committed to being a leader in the outdoor lighting market, and to the exploration of new markets for growth opportunities.

UTILITY METALS AT A GLANCE...



- Manufacturer of outdoor lighting products since 1955
- Steel and aluminum mast arms, brackets, and pole accessories
- Square, round, and round tapered steel area lighting poles
- Powder coat, hot dip galvanized, acrylic paint, and primer finishes
- Custom fabrication
- Substantial inventory maintained for immediate shipment
- Customers include OEMs, utilities, distributors, and contractors
- Distributors for Akron Foundry transformer bases

QUALITY ASSURANCE...

Utility Metals' success through time has demonstrated a strong customer commitment.

We have taken that commitment a step further by providing our customers with the

assurance of a documented quality program; created along the guidelines of ISO 9001.

We are driven to exceed our customers' needs through

exceptional service and on-time deliveries. A continuous effort is made to seek innovative ways of providing the highest quality products in the most cost effective manner.



MEMBERS...

As a further commitment to and our support for the lighting and electrical industry, Utility Metals is proud to be a member of the following associations:



TERMS AND CONDITIONS

WARRANTY

Utility Metals warrants all goods of our manufacture to be free from defects in material and workmanship under normal use and service. Any goods found to be defective, upon examination by us, within 12 months from date of shipment, shall be repaired or replaced by us without charge, FOB factory within the continental United States. All export taxes, fees and duties occurring from warranty shipments beyond the continental United States will be the customer's responsibility.

This warranty shall be null and void and of no effect unless we are notified of such defect, all within 12 months from date of shipment. Such notification shall be directed to the office of Utility Metals. No goods shall be returned without prior written approval.

Explicitly excluded from this warranty are: special finishes and labor required to remove and/or reinstall original or replacement parts.

This warranty does not cover damage caused by improper installation, overloading, accident, improper storage, or neglect, alterations, modifications, or additions.

Utility Metals warrants the items purchased from other manufacturers only to the extent of the normal warranty of these manufacturers.

The above warranties are given in lieu of all other warranties express or implied, including without limitation, the warranty of merchantability and the warranty of suitability for a particular purpose. It is expressly agreed that Utility Metals assumes no liability for liquidated damages arising out of a breach of contract, including any warranties arising therefrom, and buyer's remedy shall be limited to repair or replacement of defective parts as described above.

QUOTATIONS

Prices quoted are subject to receipt and acceptance of order within 30 days of the date of the quotation unless otherwise noted on quote.

TAXES

Utility Metals reserves the right to add sales tax, or any other tax, which may be imposed on our products, as required by law. All shipments into the State of Kentucky will carry the current state sales tax unless a resale certificate for the State of Kentucky is on file at Utility Metals.

TERMS OF PAYMENT

Payment terms are net 30 days to established customers. New customers must furnish credit references before credit can be issued. A credit line will be based on credit reference information received by Utility Metals.

CANCELLATIONS

Written consent from Utility Metals must be obtained prior to the cancellation of any order. Cancellation charges may apply.

RETURNED GOODS

Prior written authorization from Utility Metals must be obtained before credit on returned goods will be given. Returns shall be subject to a restocking charge and must be returned to Utility Metals freight "prepaid."

LOSS OR DAMAGE IN TRANSIT

Utility Metals shall not be liable for loss or damage in transit. The following steps must be taken to ensure proper handling of loss or damage claims:

- 1) Products received freight prepaid must be checked against the packing list to ensure all items were delivered. In case of shortages, note on the carrier's paperwork "Shipment Received Short." If shortage is not discovered upon receipt from carrier, Utility Metals must be notified of shortages within 24 hours of receipt to ensure a claim for loss can be filed. Shortages reported later than 24 hours carry no guarantee of replacement/credit.
- 2) Products received freight prepaid must be checked for damage upon receipt. In the case of damage observed upon delivery, note on carrier's paperwork "Received with Damage." Contact Utility Metals immediately. In the case of concealed damage, Utility Metals must be notified within 24 hours of receipt in order to report concealed damage to the carrier. Failure to report concealed damage within 24 hours may result in loss of repair costs/replacement of product.
- 3) Products received freight collect must be checked for damage upon receipt. In case of damage observed upon delivery, note on carrier's paperwork "Received with Damage," Utility Metals will not be responsible for any damage or loss on collect shipments. Freight claims rest solely with the consignee.

DELIVERIES

Delivery dates are estimated dates only, and unless otherwise specified, are estimated from the date of receipt by Utility Metals of purchase order, complete technical data and approved drawings.

In estimating such dates, no allowance will be made, nor shall we be liable directly or indirectly, for delays of carriers or delays from labor difficulties, shortages, strikes or stoppages of any sort, fires, accidents, failure or delay in obtaining materials or manufacturing facilities, acts of government affecting us directly or indirectly, bad weather or any causes beyond our control or causes designated as Acts of God or forces of nature by any court of law, and the estimated delivery dates shall be extended accordingly. We will not be liable for any damages or penalties, whatsoever, whether direct, indirect, special or consequential, resulting from our failure to perform or delay in performing unless otherwise agreed in writing by an authorized officer of Utility Metals.

FOR SPECIAL DESIGNS AND/OR APPLICATIONS NOT SHOWN IN OUR CATALOGS, PLEASE CONSULT UTILITY METALS.



Utility Metals

P.O. Box 9054
Louisville, Ky 40209

800-627-8276

502-363-6681

502-368-2656 FAX

www.utilitymetals.com

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