



**POLE SPECIFICATIONS**

| NO. | COMPONENT           | ASTM DESIGNATION | MIN. YIELD (P.S.I) |
|-----|---------------------|------------------|--------------------|
| 1.  | POLE SHAFT          | A-500 GR. B      | 46,000             |
| 2.  | BASE PLATE          | A36              | 36,000             |
| 3.  | ANCHOR BOLTS        | F1554 GR. 55     | 55,000             |
| 4.  | GALVANIZED HARDWARE | A153             | -                  |

**FINISH SPECIFICATIONS**

POLES SHALL HAVE A POLYESTER POWDER COAT FINISH IN A STANDARD COLOR.

**POLE DIMENSIONS**

| POLE HGT (FT.) | TOP SQ. SIZE (IN.) | BOT. SQ. SIZE (IN.) | GAGE       | MTG. HGT. (FT.) |
|----------------|--------------------|---------------------|------------|-----------------|
| 20'            | 4.00               | 4.00                | 7 & 11 GA. | 20'             |

**BASE PLATE DIMENSIONS**

| BOLT CIRCLE (IN.) | BASE PLATE DIM. (IN.) | BOLT HOLE (IN.) | PLATE THK. (IN.) |
|-------------------|-----------------------|-----------------|------------------|
| 8.00-10.00        | 10.00 SQ              | 1.00            | .75              |

**ANCHOR BOLT DIMENSIONS**

| ANCHOR BOLT DIA. (IN.) | ANCHOR BOLT LENGTH (IN.) |
|------------------------|--------------------------|
| .75                    | 28.00                    |

**ALLOWABLE WIND LOADING (SQ. FT.)**

| WIND*<br>EPA | INDICATED EPA | 80 MPH | 90 MPH | 100 MPH | 120 MPH |
|--------------|---------------|--------|--------|---------|---------|
| -            | -             | 13.5   | 10.8   | 9.3     | 6.9     |

\*WITH 1.3 GUST FACTOR

**POLE SHAFT DIMENSIONS**

| SHAFT        | LENGTH (FT.) | LENGTH (IN.) |
|--------------|--------------|--------------|
| POLE HGT.    | 20'          | 240.00       |
| BOTTOM SHAFT | 10'          | 120.00       |
| TOP SHAFT    | 10'          | 120.00       |

|       |                   |             |
|-------|-------------------|-------------|
|       | DRAWN: M. HARVALA | 6/8/2015    |
|       | CHECKED:          | DATE:       |
|       | REVISION:         |             |
|       | APPROVED:         |             |
|       | QUOTE:            |             |
| S.O.# |                   |             |
| REF:  |                   | SCALE: NONE |

**UNITED LIGHTING STANDARDS**

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SOME GEOGRAPHICAL AREAS HAVE SPECIAL WIND CONDITIONS THAT CAN CREATE WIND INDUCED VIBRATIONS CAUSING A FATIGUE PROBLEM. NO METHOD HAS YET BEEN FOUND FOR PREDICTING DESTRUCTIVE LIGHTING POLE VIBRATION. THESE CONDITIONS ARE UNIQUE AND CANNOT BE GUARANTEED AGAINST, AND ARE THE RESPONSIBILITY OF A LOCAL SITE ENGINEER.

TITLE:  
CATALOG:  
DWG NO: SSHP-20-4-7

SIZE: D SHEET 1 OF 1

# POLE ORDERING GUIDE

## ORDER NUMBER TEMPLATE

### Example Order Number

| Fixture |         |        | Catalog Number |                 |            |                | Mounting Type | Fixture Mounting Arrangement | Finish | Options |             |                  | Accessories |             |                  |
|---------|---------|--------|----------------|-----------------|------------|----------------|---------------|------------------------------|--------|---------|-------------|------------------|-------------|-------------|------------------|
| Brand   | Product | Number | Design         | Mounting Height | Shaft Size | Wall Thickness |               |                              |        | Design  | Orientation | Height From Base | Design      | Orientation | Height From Base |
|         |         |        | RPSQ           | 20              | 4          | 11             | AB            | T2                           | DB     | WB-15   | @90         | 10'              | FH          | @180        | 9'               |

### Build Your Order Number

| Fixture |         |        | Catalog Number |                 |            |                | Mounting Type | Fixture Mounting Arrangement | Finish | Options |             |                  | Accessories |             |                  |
|---------|---------|--------|----------------|-----------------|------------|----------------|---------------|------------------------------|--------|---------|-------------|------------------|-------------|-------------|------------------|
| Brand   | Product | Number | Design         | Mounting Height | Shaft Size | Wall Thickness |               |                              |        | Design  | Orientation | Height From Base | Design      | Orientation | Height From Base |
|         |         |        |                |                 |            |                |               |                              |        |         |             |                  |             |             |                  |

### Mounting Type

AB = Anchor Base  
EMB = Embedded (Direct Burial)

### Fixture Mounting Arrangement

D1      D4  
D2@90    T2  
D2@180   T2.5  
D3@90    T3  
D3@120\*   T4

\*Round poles only

Refer to the Mounting Orientation Guide on the next page of this file.

### Finish

WH = White  
TWH = Textured White  
DB = Dark Bronze  
TMB = Textured Medium Bronze  
HB = Harvest Bronze  
NB = New Bronze  
SL = Silver  
MGY = Medium Gray  
GR = Gray  
TGR = Textured Gray  
GM = Graphite Metallic  
DP = Dark Platinum  
MA = Matte Aluminum  
PSP = Platinum Silver  
BK = Black  
TBK = Textured Black  
MG = Moss Green

Contact us for custom colors.

### Options

CMB = Camera Mounting Bracket  
CMP = Camera Mounting Plate  
WB-15 = Welded Bracket  
WC = Welded Coupling (denote size)  
WN = Welded Nipple (denote size)  
Festoon = Festoon Provision  
CSBC = Custom Steel Base Cover  
VD = Vibration Dampener  
GFCI/IUC = Ground Fault Circuit Interrupter with In-Use Cover  
UL = UL Listed\*\*

\*See our online product catalog for complete catalog numbers of these options and accessories.

\*\* UL Listed labeling is available for catalog steel and aluminum poles—both Commercial & Industrial and Roadway. UL Listed labeling is not available for brackets. UL Listing must be specified at the time of order.

Note: N/A = Not Applicable

### Accessories

TB = Transformer Base\*  
ABS-BC = ABS Base Cover\*  
LW = Lowering Winch  
LW-ELECTRIC = Electric Lowering Winch  
BA = Banner Arm  
FH = Flag Holder  
PTTA = Pole Top Tenon Adapter\*