

ESTS - SQUARE TAPERED STEEL POLES



Job Name: _____

Fixture Type: _____

Job Number: _____

Distributor: _____

Distributor P.O.: _____

ESTS STEEL POLE WRITTEN SPECIFICATION

POLE SHAFT

The pole shaft is manufactured from a single piece of hot-rolled steel with an invisible single longitudinal weld (on a finished pole). Square pole has four soft radius corners. The rate of taper is 0.10" per foot.

WIRE ACCESS

Wireway access is provided via hand holes. Hand holes are 3" x 5" in size for 6.5" square or smaller. All other hand holes are 4" x 6". A steel hand hole cover is included. Hand holes are centered 14" above the base plate of the pole.

BASE

The base plate is hot-rolled steel attached by two continuous welds. Nut covers standard.

ANCHOR BOLTS

Each pole is supplied with four galvanized steel anchor bolts and eight hex nuts and washers. Bolt circle templates are included. Advance shipments of anchor bolts and templates are available upon request.

POLYESTER FINISH

Poles are cleaned with a solvent to remove grease and oil and sandblasted before finished with a standard polyester coating. Finish is U.V. resistant and capable of withstanding continuous exposure to exterior conditions. Standard colors are dark bronze, black, white, gray and natural aluminum. Custom powder and wet finishes are available (contact factory).

ORDERING EXAMPLE

(1) (2) (3) (4)

ESTS-20-50-1-AS1-DB-Q18

ORDERING SEQUENCE

POLE CAT.

1

MOUNTING

2

FINISH

3

OPTIONS

4

ESTS-20-50-1 20', 5.25" tapering dia, 11 gauge
ESTS-25-60-1 25', 6" tapering dia, 11 gauge
ESTS-30-60-1 30', 6.41" tapering dia, 11 gauge
ESTS-35-70-1 35', 6.81" tapering dia, 11 gauge
ESTS-40-70-1 40', 7.18" tapering dia, 11 gauge

AS(X)¹ Side-single
BS(X)¹ Double at 90 deg
CS(X)¹ Double at 180 deg
DS(X)¹ Triple at 90 deg
ES(X)¹ Triple at 120 deg
FS(X)¹ Quad at 90 deg

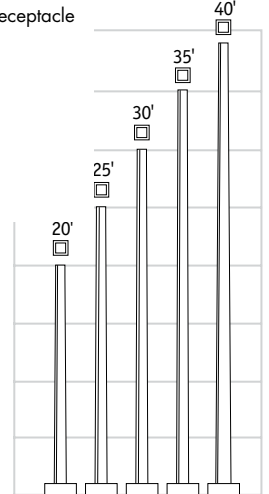
BL Black
DB Dark Bronze
WH White
GR Gray
PS Natural Aluminum
CC Custom color

Q18 15A GFI receptacle and cover

1) Replace (X) with number below to indicate fixture drilling
1 RT21, RT25, SQ19, SQ25, SQR19, SQR25
2 RT32

Note: See Pole Data table below for dimensions & bolt information

ESTS



POLE DATA

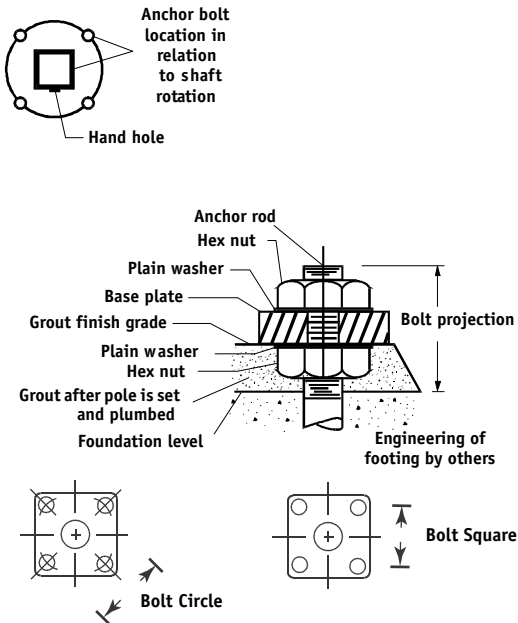
Pole Cat. No.	Sq. Taper	Wall Thk	Gauge	Pole Ht.	Bolt Circle	Anchor Bolts	Bolt Square	Est. Weight	Allowable Pole EPA (steady wind/gusting wind x 1.3)		
									80/104	90/117	100/130
ESTS-20-50-1	5.25"x3.05"	0.119	11	20	10.75"	1"x36"x4"	7.59"	160	18.0	13.0	10.0
ESTS-25-60-1	6"x3.25"	0.119	11	25	12"	1"x36"x4"	8.48"	210	16.0	12.0	9.0
ESTS-30-60-1	6.41"x3.11"	0.119	11	30	12.5"	1"x36"x4"	8.83"	270	13.0	9.0	7.0
ESTS-35-70-1	6.81"x2.96"	0.119	11	35	13.0"	1"x36"x4"	9.18"	310	10.0	7.0	4.0
ESTS-40-70-1	7.18"x2.92"	0.119	11	40	13.5"	1"x36"x4"	9.54"	360	8.0	5.0	3.0

NOTE: Responsibility lies with the specifier for correct pole selection based on local codes and standards for the job location.

ESTS - SQUARE TAPERED STEEL POLES

POLE OPTIONS AND ANCHOR BOLTS

ANCHOR BOLT DETAIL BASE DIAGRAM

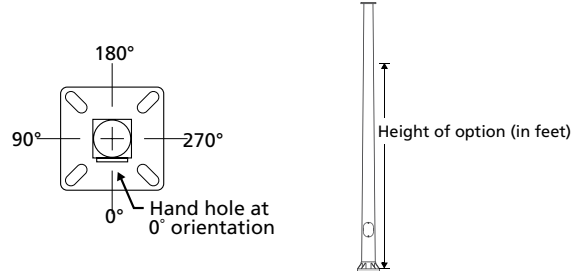


OPTION ORIENTATION

Follow the logic below when ordering location specific options.

For each option, include its orientation (in degrees) and its height (in feet). Example: Option Q18 should be ordered as:

ESTS-20-50-1-ASX-DB-Q18-0-15 (15A GFI receptacle and cover on the hand hole/arm side of pole, 15 feet up from the pole base)



STANDARD ANCHOR BOLTS

(Included with pole purchase)

TAB-36-M38	1 x 36 x 4" (Galvanized) qty: 4
-------------------	---------------------------------

REPLACEMENT NUT/WASHER KIT

80033259902	1" TAB36 set
--------------------	--------------

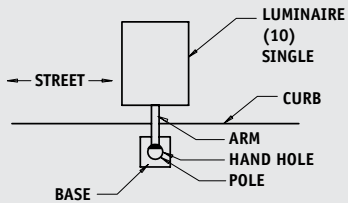
Note: Fabricated from high tensile steel, each anchor bolt has two nuts and two washers. Galvanized anchor bolts are hot-dipped. (Galvanizing includes threaded portion plus six inches minimum.) Anchor bolt template included with pole purchase.

POLE DRILLING / HAND HOLE ORIENTATION

MOUNTING CONFIGURATION ASX



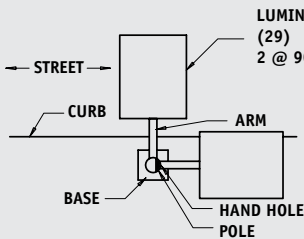
ANCHOR BASE - SINGLE LUMINAIRE



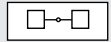
MOUNTING CONFIGURATION BSX



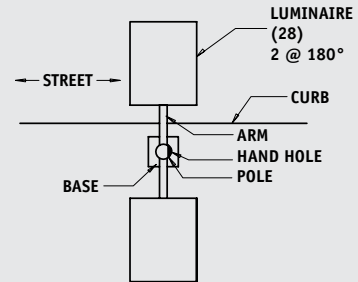
ANCHOR BASE - 2 @ 90° LUMINAIRE



MOUNTING CONFIGURATION CSX



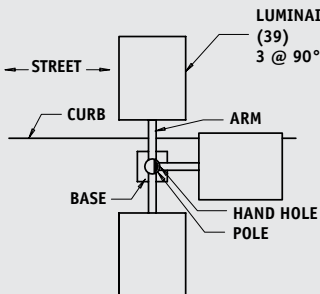
ANCHOR BASE - 2 @ 180° LUMINAIRE



MOUNTING CONFIGURATION DSX



ANCHOR BASE - 3 @ 90° LUMINAIRE



MOUNTING CONFIGURATION FSX



ANCHOR BASE - 4 @ 90° LUMINAIRE

