Square Pole

STEEL | STRAIGHT

ENERGYLITE

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"), 7 gauge (0.1793"), or 3 gauge (0.2391"). 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 square in cross-section with flat sides, small corner radii 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 3" x 5" or 4" x 6-1/2" inside opening, located 1'-6" above base, is standard on all poles. Optional 5" x 8" and 4" x 10" handholes are available (see options). 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
SSP	30	-	5.0	-	11	-	BRZ	-	DM10	-	BC

BRZ - Bronze
BLK - Black
G - Galvanized

Tenon Mount
2 - 2 ⅜'' x 4'' tenon
3 - 2 ⅞'' x 4'' tenon

Drill Mount
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
NC - Nut Covers
CPL - Threaded Coupling*
NPL - Threaded Nipple*
WPRP - Festoon Opening**
CS - Climbing Steps
SC - Safety Cable
LAB - Less Anchor Bolt
VDI - Vibration Damper Internal
XHH - Extra Handhole*
58HH - 5'' x 8'' Handhole*
410HH - 4'' x 10'' Handhole*

Embedment Pole Options
E - Embedded Pole
GS - Ground Sleeve
CTE - Coal Tar Epoxy

Additional Simplex
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)