

45S875ST7

45 Foot Square Tapered Steel Light Pole, 8.75 Inch Wide, 7 Gauge

PRODUCT DESCRIPTION

- Pole Top Options:** Poles are provided with either a removable top cap or a welded steel tenon. A 2 3/8 inch outside diameter tenon with 4 inches in length is the most common; however, other tenon options are available. Customers should confirm the appropriate tenon size required by their project prior to ordering. Poles with a top cap can also be drilled during fabrication. The drill pattern and orientation need to be provided by the customer unless Energy Light fixtures are being used for the project.
- Pole Shaft:** The pole shaft is a 1-piece assembly conforming to ASTM A595 Grade A or A572 Grade 55 with a constant linear taper of 0.11 in/ft.
- Handhole:** A reinforced handhole with grounding provision is provided at 18 inches from the base end of the pole assembly. Each handhole includes a cover and the attachment hardware. Poles with a base width of 6 inches or smaller are supplied with a 3 x 5 inch rectangular handhole. All other pole assemblies are provided with a 4 x 6.5 inch ovalized handhole. Handhole dimensions are nominal.
- Anchor Base:** The anchor base is fabricated from a structural quality hot rolled carbon steel plate.
- Base Cover:** A 2 piece base cover is provided. Plastic rivets or screws are included to securely attach the 2 pieces together after pole installation.
- Anchor Bolts:** A set of 4 partially galvanized steel anchor bolts is provided with each pole assembly. Each bolt includes 2 nuts and 2 washers. A portion of the anchor bolt is threaded for securing and leveling the pole with the provided nuts and washers. An actual size paper anchor bolt template is included.
- Color and Finish Options:** Commercial grade, durable powder coat is the standard option. Dark bronze, white and black colors are provided at no extra charge. Other colors and custom colors options are available at a surcharge. Hot dip galvanizing is available with a surcharge and extended lead time. Powder coated, galvanized poles are also available as a premium option.
- Other Options:** The following options are available: Vibration dampener, custom tenon sizes, custom colors, electric/GFI outlets, custom pole heights, additional handholes, UL compliant handholes and custom base plate dimensions. Please consult one of our light pole experts for details.

Specification Table		
Mounting Height (ft.)	A	45
Gauge	B	7
Top Width (in.)	C	3.8
Butt Width (in.)	D	8.75
Base Thickness (in.)	E	1.5
Base Width (in.)	F	14.25
Bolt Circle (in.)	G	15.75
Bolt Projection (in.)	H	5.25
Handhole Cover (in.)	I	4 x 6.5
Anchor Bolt Size (in.)	J	1.25 x 42 x 6
Pole Weight (lbs.)	-	730

Maximum EPA with 1.3 Gust Factor:		
80 mph:	23.5	Square Feet
90 mph:	16.6	Square Feet
100 mph:	11.4	Square Feet

