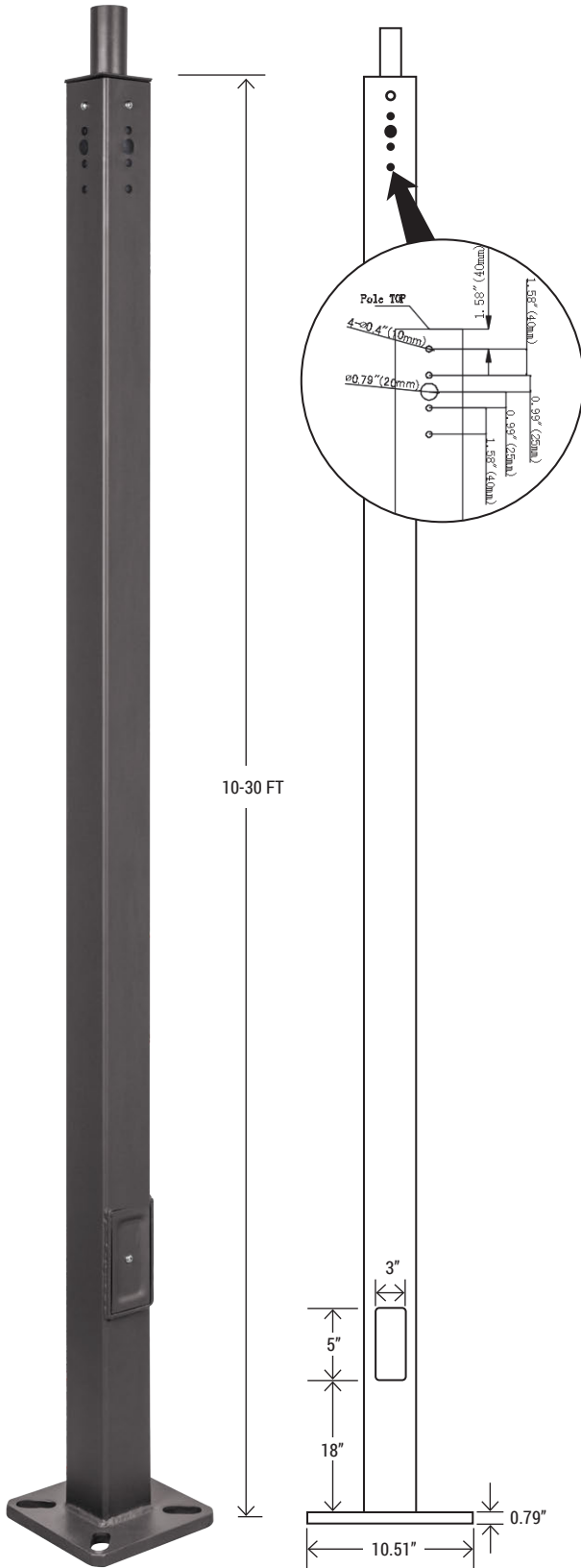


Straight Square Steel Poles



Size: 4" (4" x 4"), 5" (5" x 5")



The Steel White Square Pole are built from high strength steel tube and are available side drilled for arm mounted area lighting luminaires or with tenon mounts for flood and post top luminaires. Typical area lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 10 to 30 feet can be used based on selected luminaire application.

(ACCESSORIES NEED TO PURCHASED SEPARATELY)

FEATURES

FINISH:

Textured architectural bronze powder-coat finish, baked to ensure maximum paint adhesion, hardness and durability.

ANCHOR BOLTS:

Anchor bolts are not included, sized based on pole data charts for the selected pole size.

HAND HOLE:

Cast iron reinforced hand hole and cover with ground screw.

BASE COVER:

Poles are provided with a two-piece formed steel base cover that is easily assembled and fitted over pole base.

POLE LENGTH:

Poles are available in standard lengths as shown in the order matrix. Poles can be custom cut to order. Consult factory.

SURFACE TREATMENT: Hot-dip galvanizing.

SPECIFICATIONS: Conforms to ASTM-A 500 Grade B: Minimum Yield Strength of 46,000 PSI.

SPECIFICATION	10FT	15FT	20FT	25FT	30FT
	L = 3.0 (m)	L = 4.6 (m)	L = 6.1 (m)	L = 7.6 (m)	L = 9.1 (m)

MOUNTING OPTIONS



SIDE MOUNT: Standard length poles are predrilled holes on 4 side, with a Tenon standard packaged on top. Also with hole plugs for unused predrilled locations.

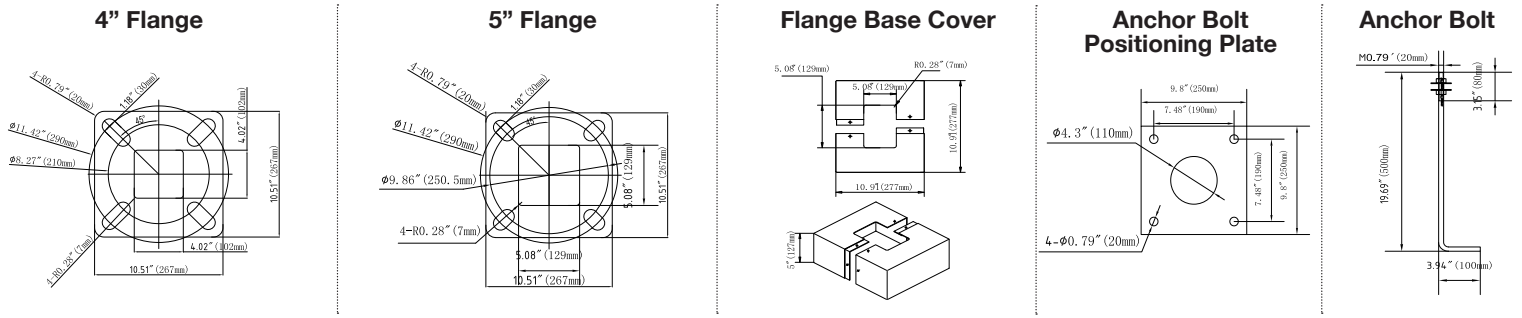
Note: When using Arm or Slip-Fitter Mounts, additional installation parts may be required to ensure proper installation. (example: with Slip-fitter a bullhorn will be the option) [see: additional installation parts for more options](#)

TOP MOUNT: Installing ARM (optional) will need to take-off the Tenon standard package and put rain cover on top.

Straight Square Steel Poles

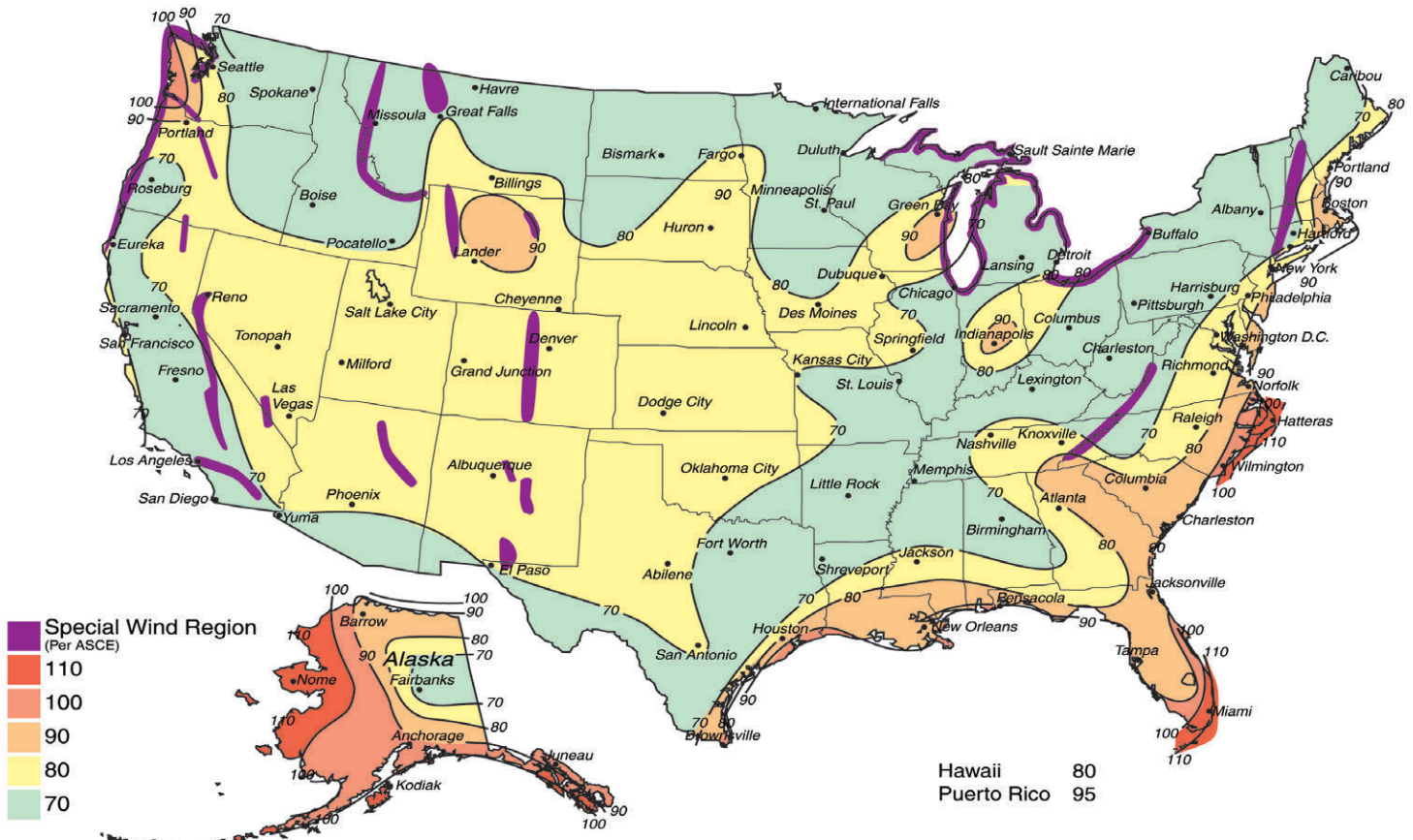
Size: 4" (4" x 4"), 5" (5" x 5")

DIMENSION



DIMENSION DATA

CATALOG	HEIGHT	GAUGE	SIZE	BASE	BOLT CIRCLE	BOLT SIZE	WEIGHT (LBS)	EPA 70	EPA 80	EPA 90	EPA 100	EPA 110	EPA 120
	15ft	11	4"x4"	11"	8.27"-11.42"	M0.79"x19.69"x3.94"	134	15.2	13.5	11.1	9.5	7.9	6.8
	20ft						169	10.2	9.3	7.5	6.2	4.2	3.6
	25ft						190	8.9	6.9	5.7	4.1	3.6	2.2
	30ft		5"x5"		9.86"-11.42"	M0.79"x19.69"x3.94"/ M0.95"x36"x4"	286	9.6	7.4	6.1	5.8	4.6	3.8

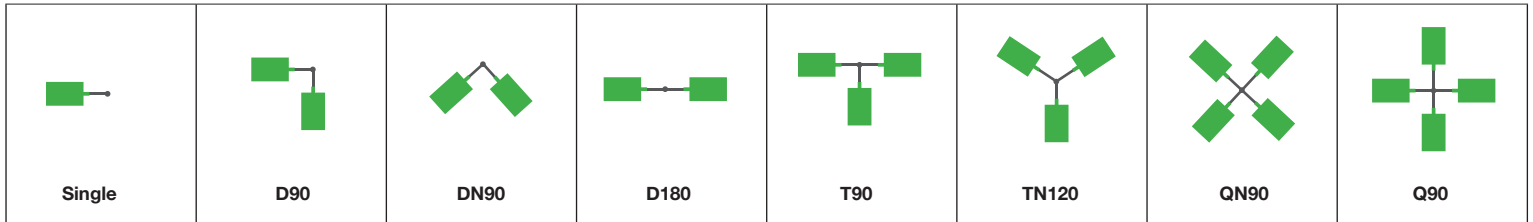


Straight Square Steel Poles

Size: 4" (4" x 4"), 5" (5" x 5")



FIXTURE CONFIGURATIONS



INSTALLATION

- Excavate a hole at the installation location for the lamp pole. Ensure that the dimensions of the hole are suitable for accommodating both the base of the pole and the required anchor bolts.
- Using the screw positioning plate as a template, insert four anchor bolts into the excavated hole. Align each anchor bolt precisely with the corresponding hole positions on the lamp pole base to ensure a secure and stable installation.
- Once the anchor bolts are correctly positioned, pour concrete into the hole. The concrete should fully encase the anchor bolts, creating a solid foundation for the lamp pole.
- Install the four nuts and washers onto the protruding anchor bolts. Adjust each nut to ensure they provide a level surface for the lamp pole base.
- Position the pole base plate over the aligned nuts. Securely tighten all nuts to firmly fix the pole base plate.
- Finally, install the base cover at the bottom of the lamp pole to complete this stage of the installation process.

10-30FT
30FT(M24)

Nut
Cement mixture
Base cover

Foundation reference specification

ANCHORAGE GUIDE

10.51" (267mm)
7.48" (190mm)
10.51" (267mm)
7.48" (190mm)

Set Screws

3"X5" HAND HOLE COVER

Pole
Waterproof gasket
Hand hole cover

Flange base cover
Nut

BASE PLATE

3.15" BOLT PROJECTION

Base cover (4PCS)

The screw to adjust water level

CONCRETE

(10-30FT) 3.15" (80mm)
30FT(TW24)3.94" (100mm)

Reference design of Concrete size		
Specifications	Ø	Depth
10-15FT	31.5"(800mm)	59.1"(1500mm)
20-25FT	35.4"(900mm)	70.9"(1800mm)
30FT	35.4"(900mm)	82.7"(2100mm)

Straight Square Steel Poles

Size: 4" (4" x 4"), 5" (5" x 5")

SQUARE EXTERNAL MOUNT HORIZONTAL TENON		• To mount 2/3/4 fixtures on an existing pole	
	<p>Low Profile Bullhorn with 3 Tenons WSD-VTS4R-3T-D MAX EPA: 1.6 Finish: Dark Bronze The Bracket is designed to mount over 2-3/8" O.D. vertical tenon.</p>		<p>Low Profile Bullhorn with 2 Tenons WSD-VTS4R-2T-D MAX EPA: 1.0 Finish: Dark Bronze The Bracket is designed to mount over 2-3/8" O.D. vertical tenon.</p>
	<p>Triple 120° Horizontal Tenon Adapter WSD-QT120-3T-D MAX EPA: 1.4 Finish: Dark Bronze The Bracket is designed to mount over 2-3/8" O.D. vertical tenon.</p>		<p>Quad 90° Horizontal Tenon Adapter WSD-QT90-4T-D MAX EPA: 1.6 Finish: Dark Bronze The Bracket is designed to mount over 2-3/8" O.D. vertical tenon.</p>
	<p>Square Triple 90° Horizontal Tenon Adapter WSD-QT90-3T-D MAX EPA: 1.5 Finish: Dark Bronze The Bracket is designed to mount over 2-3/8" O.D. vertical tenon.</p>		<p>Low Profile Bullhorn with 4 Tenons WSD-VTS4R-4T-D MAX EPA: 1.7 Finish: Dark Bronze The Bracket is designed to mount over 2-3/8" O.D. vertical tenon.</p>

Straight Square Steel Poles

Size: 4" (4" x 4"), 5" (5" x 5")

WALL BRACKET • Attaches to any flat surface • Provides wiring access		MID-POLE TENON BRACKET	
	<p>90° Wall Mount Bracket with 2-3/8" O.D. Tenon WSD-ADP2.5-90-D MAX EPA: 0.6 Finish: Dark Bronze The 90° wall mount bracket with 2-3/8" tenon attaches flood and area fixtures to almost any surface: wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slip-fitter. Suggested 3/8" diameter bolts for mounting.</p>		<p>2-3/8" OD Horizontal Tenon Mid-Pole Bracket WSD-ADP2.5-D MAX EPA: 0.3 Finish: Dark Bronze 2-3/8" OD Horizontal Tenon Mid-Pole Bracket is designed to mount light fixture that is equipped with a adjustable slip-fitter onto a 2-3/8" OD horizontal tenon.</p>
	<p>180° Wall Mount Bracket with 2-3/8" O.D. Tenon WSD-ADP2.5-180L3.9-D MAX EPA: 0.5 Finish: Dark Bronze The 180° wall mount bracket with 2-3/8" tenon attaches flood and area fixtures to almost any surface: wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slip-fitter. Suggested 3/8" diameter bolts for mounting.</p>		<p>2-3/8" OD Horizontal Tenon Arc Adapter WSD-ADP2.5-BAR5-D MAX EPA: 0.3 Finish: Dark Bronze For use with Round, non-tapered steel and aluminum poles. 2-3/8" OD Horizontal Tenon Mid-Pole Bracket is designed to mount light fixture that is equipped with a adjustable slip-fitter onto a 2-3/8" OD horizontal tenon.</p>
POLE BRACKET • For mounting one fixture on an existing pole			
	<p>4" Square Pole Mount with 2-3/8" O.D. Tenon WSD-VTS4-D MAX EPA: 0.3 Finish: Dark Bronze For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D. and is made of steel tubing.</p>		<p>3" Round Pole Mount with 2-3/8" O.D. Tenon WSD-VT3-D MAX EPA: 0.3 Finish: Dark Bronze For use with round, non-tapered steel and aluminum poles. Furnished with four 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D.</p>
	<p>5" Square Pole Mount with 2-3/8" O.D. Tenon WSD-VTS5-D MAX EPA: 0.3 Finish: Dark Bronze For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing.</p>		<p>4" Round Pole Mount with 2-3/8" O.D. Tenon WSD-VT4-D MAX EPA: 0.3 Finish: Dark Bronze For use with round, non-tapered steel and aluminum poles. Furnished with four 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D.</p>
	<p>5" Round Pole Mount with 2-3/8" O.D. Tenon WSD-VT5-D MAX EPA: 0.3 Finish: Dark Bronze For use with round, non-tapered steel and aluminum poles. Furnished with four 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing.</p>		

