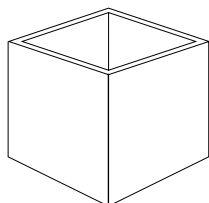
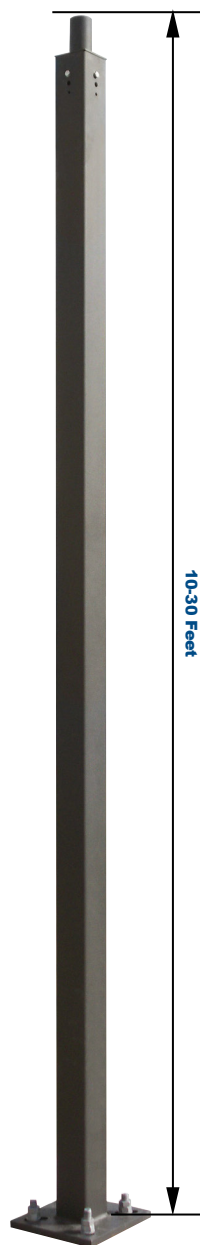
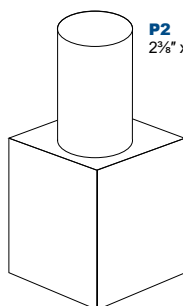


## SSS 2030

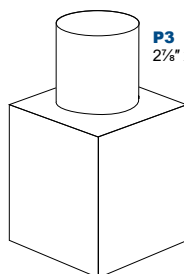
### Straight Square Steel Poles, 4", 5"



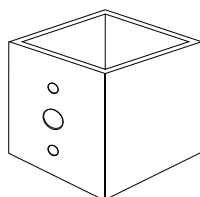
4" and 5" Square



**P2**  
2 3/4" x 4" Tenon



**P3**  
2 3/4" x 3" Tenon



**Side Drills:**  
2 at 180°, 4 at 90°

The SSS 2030 Series Straight Square Steel poles 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.

#### Specifications and Features:

##### Pole Specifications:

Conforms to ASTM-A 500 Grade B: Minimum Yield Strength of 46,000 PSI. Wall Thickness Available in 11 Gauge (.120") or 7 Gauge (.180").

##### Finish:

Textured Architectural Bronze Powdercoat Finish, Baked to Ensure Maximum Paint Adhesion, Hardness and Durability.

##### Anchor Bolts:

Anchor Bolts are 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.

##### Mounting Options:

Standard Length Poles Include 2 3/4" OD Tenon, Side Drilled 4@90 Degrees, UV-Stabilized Polycarbonate Top Cover and Hole Plugs for Unused Drilling Locations.

Cut To Order Poles can be Side Drilled for 2@180 Degrees or 4@90 Degrees, Includes UV-Stabilized Polycarbonate Top Cover and Hole Plugs for Unused Drilling Locations.

Cut To Order Poles May Also Be Ordered With 2 3/4" OD or 2 1/2" OD Tenons for Use With Post Top Decorative Luminaires, Flood/Area Slip Fitter Fixtures, or Any of a Wide Variety of Pole Top Mounting Accessories.

#### Project Information:

Project Name:

Fixture Type:

Complete Catalog #:

Date:

Comments:

#### Notes:

### Ordering Guide:

#### Order Information Example:

PSSS30507ZP2LBC

**SSS 2030**

**Z**

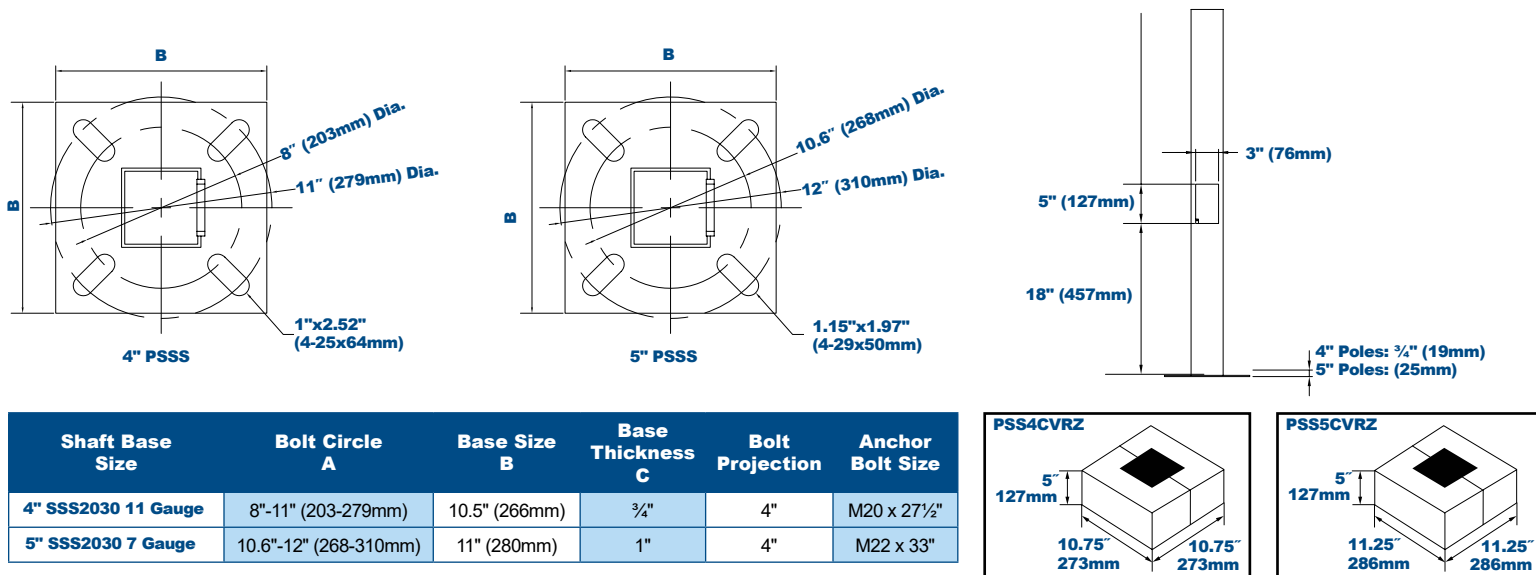
Model	Height/Shaft/Gauge (Pick One)	Color	Pole Top Mounting	Drill Template	Options
	4" Square 11 Gauge:	5" Square 7 Gauge:			
SSS 2030= Straight Square Steel Pole	20411=20' 25411=25'	30507=30'	Z=Bronze	D2=Drilled 2 Sides at 180° with Plugs (1) D4=Drilled 4 Sides with Plugs (1) P2=2 1/4" x 4"H Tenon P3=2 1/4" x 3"H Tenon N=No Pole Top Mounting	(Leave Blank)=Poles with P2 Tenon S=Standard Arm/Accessories D=Kitty Hawk Arm KH25 E=Kitty Hawk Arm KH45 C=Custom (Specify) N=No Template

(Leave Blank)=No Options  
LAB=Less Anchor Bolts (2)  
LBC=Less Base Cover (3)

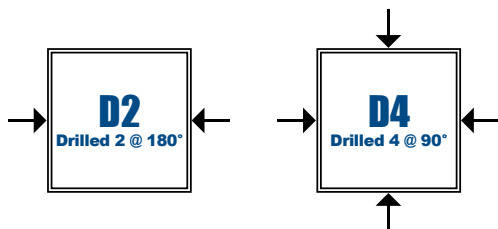
#### Notes:

- Side Drilled poles include UV-stabilized polycarbonate pole cap.
- All poles include anchor bolts standard, consult dimension table for size based on pole dimensions.
- All poles include square 2-piece bronze base cover.

### Pole Data:

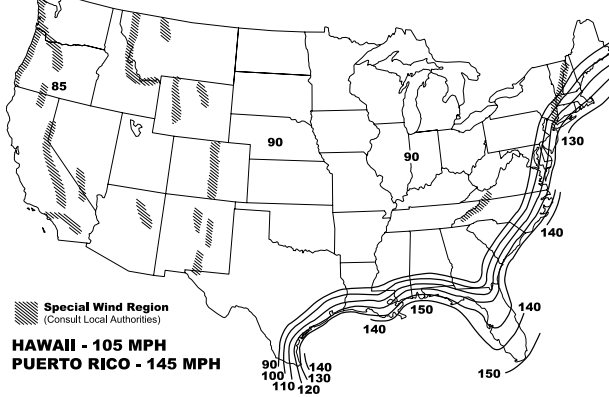


### Pole Top Mounting:

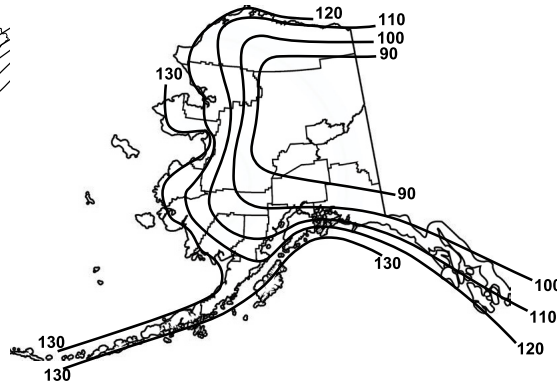


### Wind Loading and Dimensional Data:

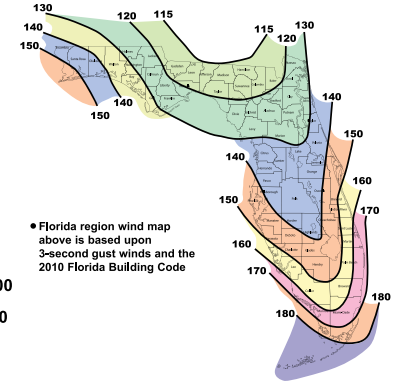
ASCE7-05 WIND MAP



ALASKA REGION WIND MAP



FLORIDA REGION WIND MAP



ASCE 7-05 Wind Map EPA Load Rating - 3 Second Gust Wind

MODEL#	85	90	100	105	110	120	130	140	145	150
<b>SSS-10411</b>	25	25	25	22.8	20.6	17	14.2	11.9	11	10.1
<b>SSS-12411</b>	25	25	20	18	16.1	13.2	10.8	8.9	8.1	7.4
<b>SSS-14411</b>	23.1	20.4	16.1	14.3	12.8	10.2	8.2	6.6	5.9	5.3
<b>SSS-16411</b>	19	16.7	13	11.5	10.1	7.9	6.2	4.7	4.1	3.6
<b>SSS-18411</b>	15.6	13.6	10	9	7.8	5.9	4.4	3.1	2.6	2.1
<b>SSS-20411</b>	12.7	10.9	7.9	6.9	5.9	4.2	2.8	1.7	1.3	0.9
<b>SSS-25411</b>	7.3	5.9	3.8	2.9	2.1	0.8	NR	NR	NR	NR
<b>SSS-16507</b>	25	25	25	25	24.8	20.1	16.5	13.6	12.3	11.2
<b>SSS-18507</b>	25	25	25	22.9	20.4	16.4	13.2	10.7	9.6	8.6
<b>SSS-20507</b>	25	25	21.3	18.9	16.7	13.2	10.4	8.1	7.2	6.3
<b>SSS-25507</b>	20.7	17.8	13.3	11.5	9.8	7.2	5	3.3	2.6	1.9
<b>SSS-30507</b>	13.5	11.3	7.7	6.2	4.9	2.8	1.1	NR	NR	NR

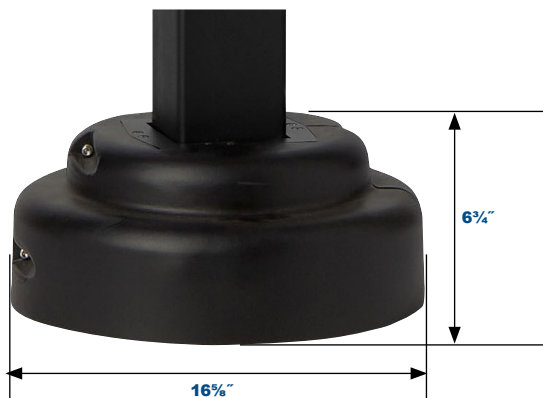
Florida Building Code 2017 EPA Load Rating - 3 Second Gust Wind

MODEL#	115	120	130	140	150	160	170	180
<b>SSS-10411</b>	25	25	25	25	21.4	18.4	15.9	13.9
<b>SSS-12411</b>	25	25	23.6	19.8	16.7	14.2	12.1	10.4
<b>SSS-14411</b>	25	23.1	19	15.7	13.1	10.9	9.1	7.6
<b>SSS-16411</b>	20.8	18.7	15.2	12.3	10.1	8.2	6.7	5.4
<b>SSS-18411</b>	16.8	15	11.9	9.4	7.5	5.9	4.5	3.4
<b>SSS-20411</b>	13.6	11.9	9.2	7.1	5.3	3.9	2.7	1.7
<b>SSS-25411</b>	7.4	6.2	4.1	2.5	1.1	NR	NR	NR
<b>SSS-16507</b>	25	25	25	25	25	21.4	18.2	15.5
<b>SSS-18507</b>	25	25	25	24.4	20.4	17	14.2	11.9
<b>SSS-20507</b>	25	25	24.4	19.9	16.3	13.4	11	8.9
<b>SSS-25507</b>	21.8	19.3	15	11.5	8.8	6.5	4.7	3.1
<b>SSS-30507</b>	13.7	11.7	8.2	5.5	3.3	1.5	NR	NR

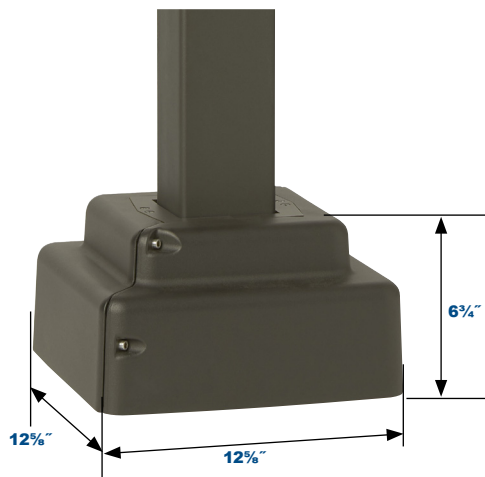
CIP provides this information as a guide only and assumes no liability for its use. Allowable pole EPA for jobsite wind conditions must be equal to or greater than fixture mount EPA. Responsibility lies with the specifier for the correct pole selection based on A.N.S.I. wind map and job location.

#### NOTES:

1. Maximum EPA (Effective Projected Area) are based on AASHTO 2013 (90-150MPH) and FBC201/ASCE7-10
2. Consult factory on loading criteria for pole top mounted luminaires and/or brackets.
3. Variations from sizes above are available upon inquiry at the factory.
4. Satisfactory performance of poles is dependent upon the pole being properly attached to a supporting foundation of adequate design.



**PBR1**



**PBS1**

## SSS 2030

**Straight Square Steel Poles, 4", 5"**

## PB Series

### Cast Aluminum Decorative Clamshell Bases

Decorative Clamshell Bases are designed to create a clean decorative look and cover pole base anchoring hardware. Two styles are available in matching finish to coordinate with pole selection.

#### Specifications and Features:

##### Clamshell Bases:

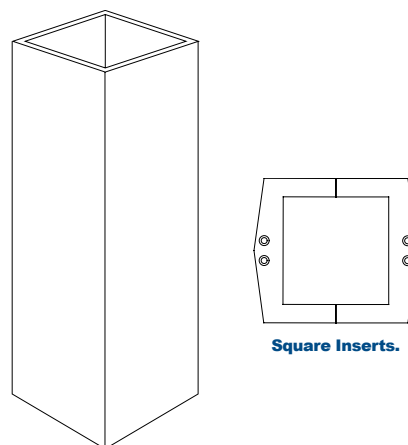
Die cast aluminum, Stainless Steel Hardware. PBR1 and PBS1 include sets of inserts that allow use on 4" and 5" square or round poles, and 120mm square or round tall bollards.

##### Finish:

Textured architectural powdercoat finish, baked to ensure maximum paint adhesion, hardness and durability.

##### Pole Fit:

Bases are designed to fit poles based on dimensions shown.



**Smooth Pole  
4" Square,  
5" Square,  
120mm Square  
PSSS**

#### Order Information Example:

**PBR1B**

Model	Color
<b>PBR1</b> =Round Base <b>PBS1</b> =Square Base	<b>B</b> =Black <b>P</b> =Platinum (PBR1 Only) <b>Z</b> =Bronze <b>C</b> =Custom (Consult Factory)

#### Project Information:

Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

#### Notes:

### 4" Straight Square Steel Pole Mounting Options

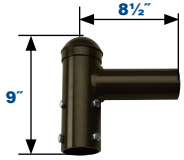
Order separately, field installed.

#### Spoke Brackets and Bullhorns:

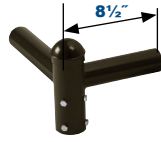
Bronze Finish, Spoke Bracket have 7" Arms. Fit 2 1/2" (P2) Tenons.

\*Non-stock item. Consult factory for lead time.

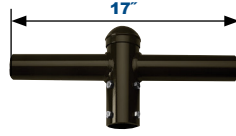
All PTSB Spoke Brackets are 9" high from the bottom edge to the top center of the cap



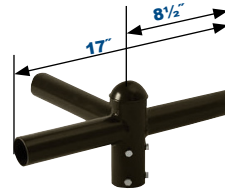
Single Spoke Bracket  
PTSB1SZ



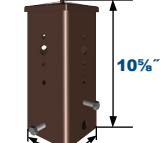
Twin Spoke Bracket,  
90° Arms  
PTSB290SZ



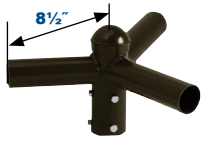
Twin Spoke Bracket,  
180° Arms  
PTSB2180SZ



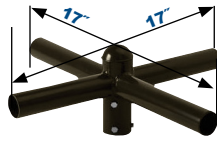
Triple Spoke Bracket,  
90° Arms  
PTSB390SZ\*



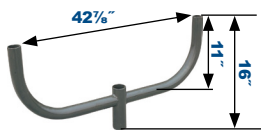
Pole Tenon Adaptor  
PTASUNVZ



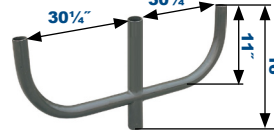
Triple Spoke Bracket, 120° Arms  
PTSB3120SZ\*



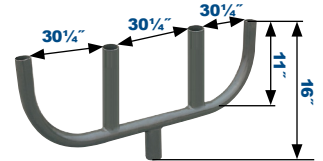
Quad Spoke Bracket, 90° Arms  
PTSB490SZ\*



180° Double Bullhorn  
PRSD180BHZ  
Wt lbs 17, EPA 0.9



180° Triple Bullhorn  
PRSTR180BHZ  
Wt lbs 27, EPA 1.5



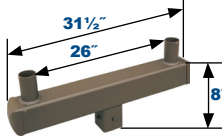
180° Quad Bullhorn  
PRSQ180BHZ  
Wt lbs 38, EPA 2.2

#### Vertical Tenon Pole Top Fitters:

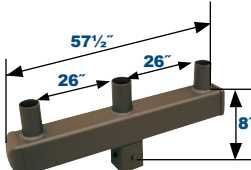
4" High Vertical Tenons, Bronze Finish, Fit 2 1/2" (P2) Tenons

#### Tenon Adaptor:

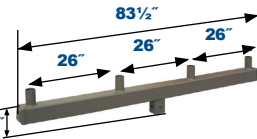
Fit 2 1/2" (P2) Tenons.



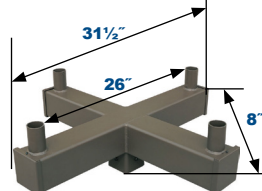
4" Twin Square  
Vertical Tenon  
PSS4TVTZ  
Wt lbs 25, EPA 1.0



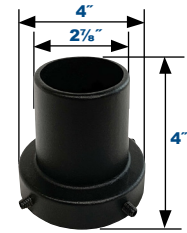
4" Triple Square  
Vertical Tenon  
PSS4TRVTZ  
Wt lbs 40, EPA 1.9



4" 180° Quad Square  
Vertical Tenon  
PSS4Q180VTZ  
Wt lbs 56, EPA 2.7



4" 90° Quad Square  
Vertical Tenon  
PSS4Q90VTZ  
Wt lbs 44, EPA 1.1



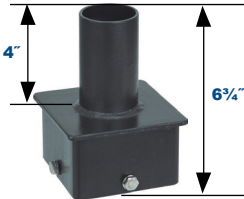
Retrofit Tenon Adaptor for  
2 1/2" Tenons  
PSRTNB

#### Vertical Tenon Pole Fitter:

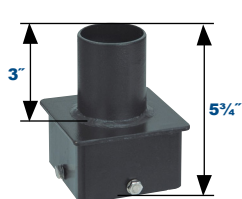
Bronze Finish

#### Horizontal Tenon Pole Fitters:

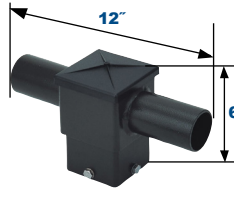
4" Horizontal Tenons, Bronze Finish



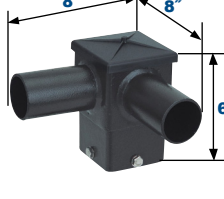
4" Single Square Vertical  
Tenon - 2 3/4" Dia.  
PSS42SVTZ



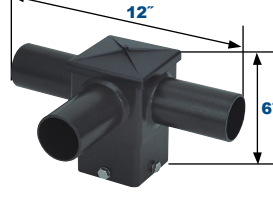
4" Single Square Vertical  
Tenon - 2 1/2" Dia.  
PSS43SVTZ



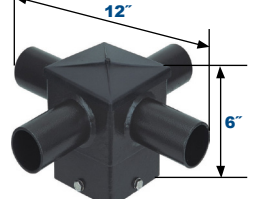
4" 180° Twin Square  
Horizontal Tenon  
PSS4T180HTZ



4" 90° Twin Square  
Horizontal Tenon  
PSS4T90HTZ



4" 90° Triple Square  
Horizontal Tenon  
PSS4TR90HTZ

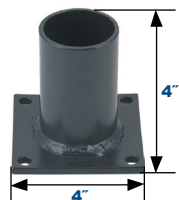


4" 90° Quad Square  
Horizontal Tenon  
PSS4Q90HTZ

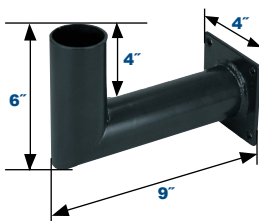
#### Wall Mounting Bracket:

Bronze Finish

#### Replacement Parts:



Wall Mount  
Bracket  
PRSWMBZ



Wall Mount 90°  
Bracket  
PRSWMB90Z



PSS4CZ



PSS4CVRZ



PSSHHC

#### Replacement Parts (Order Separately, Field Installed)

PAB34X30 M20 x 27 1/2" Anchor Bolts, Set of 4 for 4" PSSS Poles

PSS4CZ 4" UV-Stabilized Polycarbonate Pole Cap

PSS4CVRZ Base Cover, Bronze Finish

PSSHHC Hand Hole Cover, Bronze Finish

### 5" Straight Square Steel Pole Mounting Options

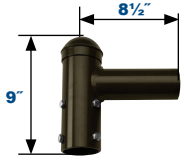
Order separately, field installed.

#### Spoke Brackets and Bullhorns:

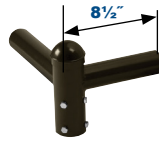
Bronze Finish, Spoke Bracket have 7" Arms. Fit 2 3/8" (P2) Tenons.

\*Non-stock item. Consult factory for lead time.

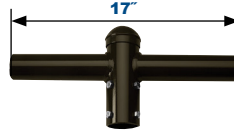
All PTSB Spoke Brackets are 9" high from the bottom edge to the top center of the cap



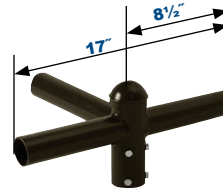
Single Spoke Bracket  
PTSB1SZ



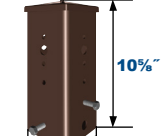
Twin Spoke Bracket,  
90° Arms  
PTSB290SZ



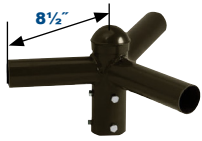
Twin Spoke Bracket,  
180° Arms  
PTSB2180SZ



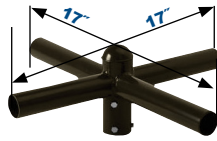
Triple Spoke Bracket,  
90° Arms  
PTSB390SZ\*



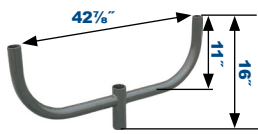
Pole Tenon Adaptor  
PTASUNVZ



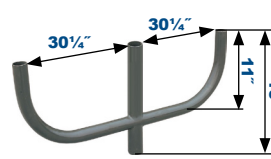
Triple Spoke Bracket, 120° Arms  
PTSB3120SZ\*



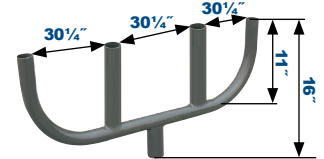
Quad Spoke Bracket, 90° Arms  
PTSB490SZ\*



180° Double Bullhorn  
PRSD180BHZ  
Wt lbs 17, EPA 0.9



180° Triple Bullhorn  
PRSTR180BHZ  
Wt lbs 27, EPA 1.5



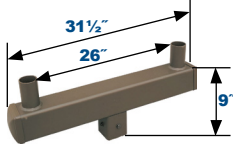
180° Quad Bullhorn  
PRSQ180BHZ  
Wt lbs 38, EPA 2.2

#### Vertical Tenon Pole Top Fitters:

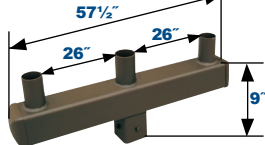
4" High Vertical Tenons, Bronze Finish, Fit 2 3/8" (P2) Tenons

#### Tenon Adaptor:

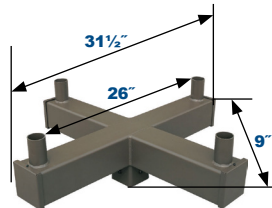
Fit 2 3/8" (P2) Tenons.



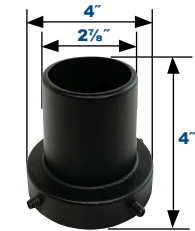
5" Twin Square  
Vertical Tenon  
PSS5TVTZ  
Wt lbs 29.25, EPA 1.0



5" Triple Square  
Vertical Tenon  
PSS5TRVTZ  
Wt lbs 46, EPA 1.9



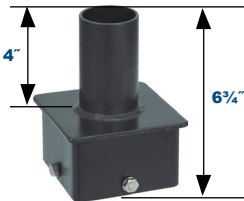
5" 90° Quad Square  
Vertical Tenon  
PSS5Q90VTZ  
Wt lbs 49, EPA 1.1



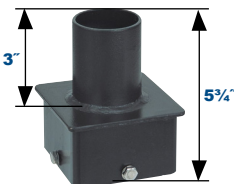
Retrofit Tenon Adaptor for  
2 3/8" Tenons  
PSRTNB

#### Vertical Tenon Pole Fitter:

Bronze Finish



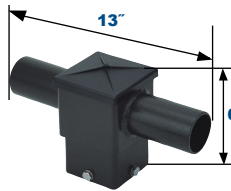
5" Single Square  
Vertical Tenon - 2 3/8" Dia.  
PSS52SVTZ



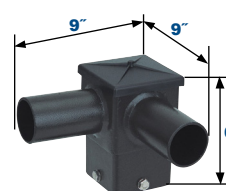
5" Single Square Vertical  
Tenon - 2 3/8" Dia.  
PSS53SVTZ

#### Horizontal Tenon Pole Fitters:

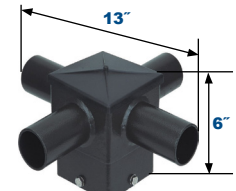
4" Horizontal Tenons, Bronze Finish



5" 180° Twin Square  
Horizontal Tenon  
PSS5T180HTZ



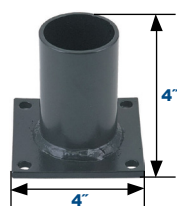
5" 90° Twin Square  
Horizontal Tenon  
PSS5T90HTZ



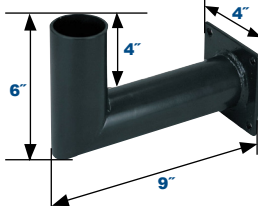
5" 90° Quad Square  
Horizontal Tenon  
PSS5Q90HTZ

#### Wall Mounting Bracket:

Bronze Finish



Wall Mount Bracket  
PRSWMBZ



Wall Mount 90° Bracket  
PRSWMB90Z  
Wt lbs 4.5, EPA 0.3

#### Replacement Parts:



PSS5CZ



PSS5CVRZ



PSSHHC

#### Replacement Parts (Order Separately, Field Installed)

PSS5CZ	5" UV-Stabilized Polycarbonate Pole Cap
PSS5CVRZ	Base Cover, Bronze Finish
PAB1X36	M22 x 33" Anchor Bolts, Set of 4
PSSHHC	Hand Hole Cover, Bronze Finish