Project: | Type: | Date: | Notes:

SSSP-Series
Steel Poles



Note: Base plate accessory sold separately.

IDEAL APPLICATIONS

Lighting installations for side and top mounting of luminaires with effective projected area (EPA) not exceeding maximum allowable loading of the specified pole in its installed geographic location.

DESCRIPTION:

The SSSP square straight steel poles are designed for top or side mounted luminaires, with a universal drill pattern on all four sides of the pole. Polycarbonate plugs are included to cover all unused holes. SSSP poles are available in 15', 20', 25' and 30' lengths in a dark bronze finish. Pole includes pole cap and handhole cover.

FEATURES:

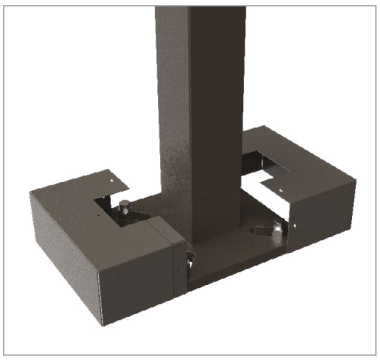
- High grade steel conforming to ASTM-A 500
- Grade B, minimum yield strength of 34,000 PSI.
- Pre-drilled universal hole pattern on all four sides for flexible luminaire attachment.
- Polyester powder-coat dark bronze finish baked at 400˚F to optimize paint adhesion, durability and hardness.

Anchor bolts are sold separately and can be pre-shipped upon request.

Quick Ship Available

SPECIFICATIONS	SSSP4-15	SSSP4-20	SSSP4-25	SSSP5-30
Height	15ft	20ft	25ft	30ft
Nominal Shaft Dimensions	4" Square			5" Square
Gauge	11			7
Thickness	0.119"			0.179"
Bolt Circle Diameter	11"			
Bolt Circle Diameter Range	10.18"-11.82"			
Bolt Square Dimension	7.78"			
Bolt Square Dimension Range	7.19"-8.36"			
Weight	127.86lb	165.34lb	189.59lb	392.42lb
Anchor Bolt Size	3/4" X30" X4"	3/4" X30" X4"	1" X36" X4"	1" X36" X4"
Finish	Bronze			

EASY INSTALL 2 PIECE BASE PLATE COVER


DRILL PATTERN




- Spring loaded polycarbonate pole cap.
- Install up to 4 fixtures.
- 12 plugs provided to seal unused drill holes.
- Polyester powder-coat dark bronze finish.

INCLUDED WITH EVERY ORDER

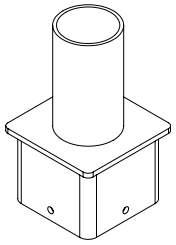


Spring Loaded Polycarbonate Pole Cap

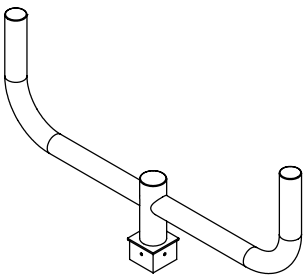


Reinforced Cast-Iron Hand Hole Cover With Ground Screw

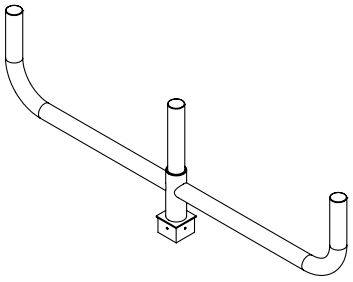
ACCESSORIES



PA1- 2 3/8”

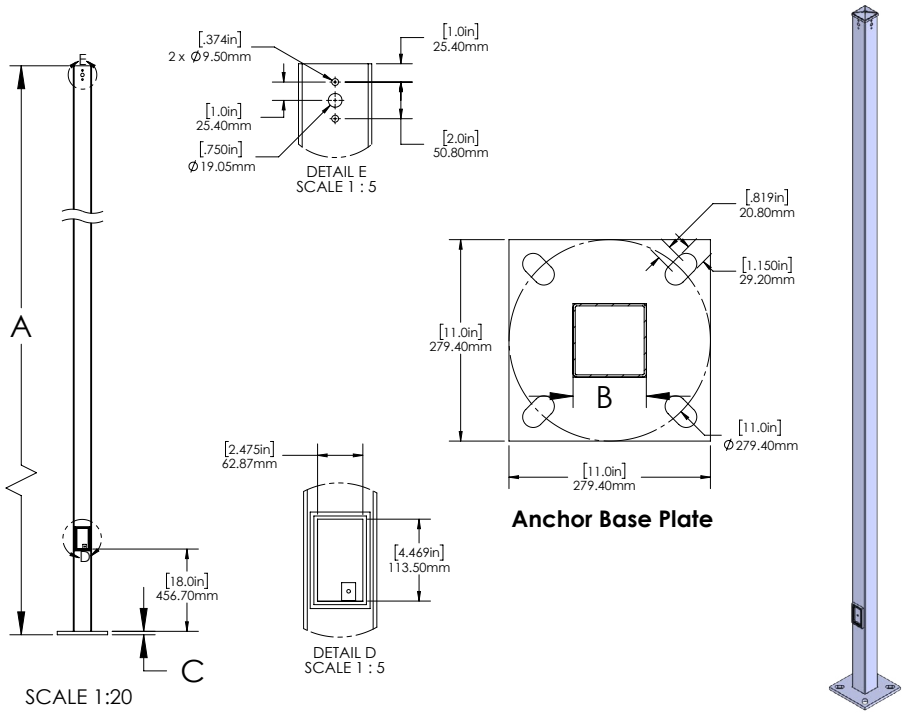


PA2-180



PA3-180

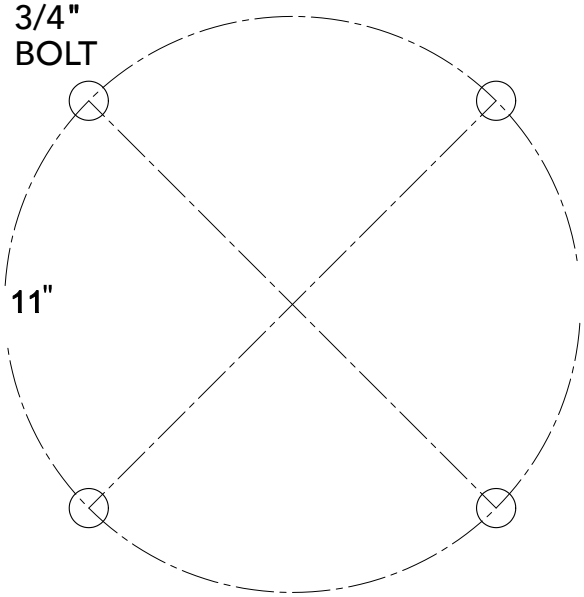
POLE DIMENSIONS:



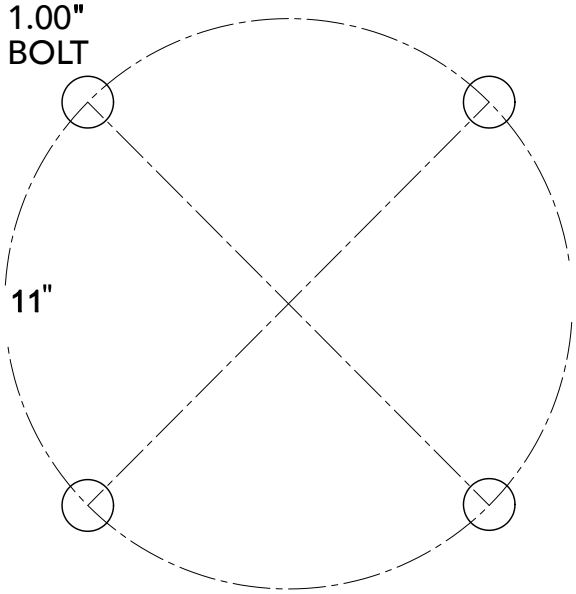
DIMENSION FOR DIM DRAWING			
Poles	A	B	C
SSSP4-15	15' (4572mm)	4" (101.6mm)	.75" (19.05mm)
SSSP4-20	20' (6096mm)	4" (101.6mm)	.75" (19.05mm)
SSSP4-25	25' (6720mm)	4" (101.6mm)	1" (25.4mm)
SSSP5-30	30' (9144mm)	5" (127mm)	1" (25.4mm)

ANCHOR BOLT TEMPLATE:

SSSP4-15 & 20′ POLE

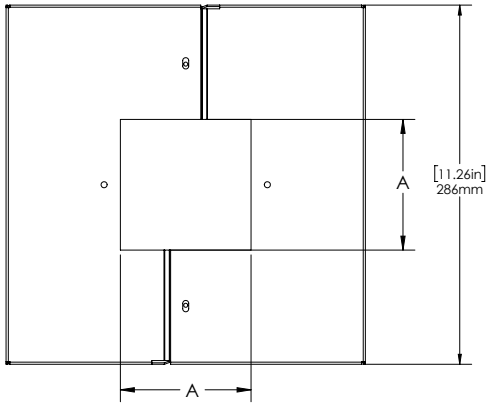


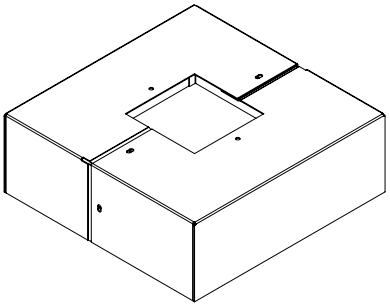
SSSP4-25 & SSSP5-30′ POLE

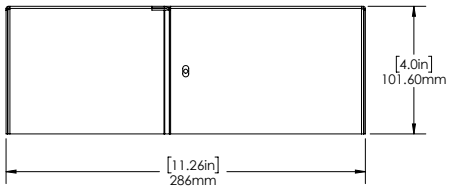


DIMENSIONS:

BASE COVER

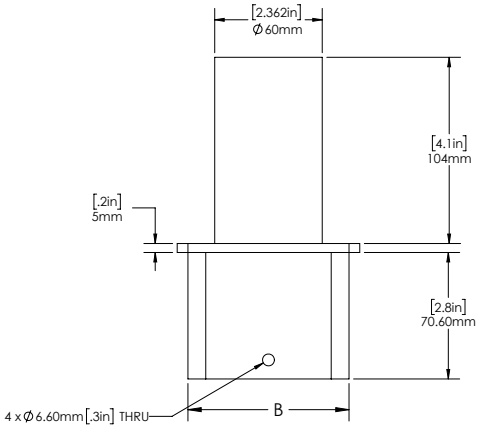


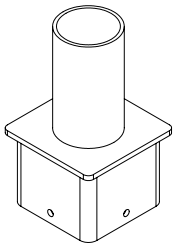




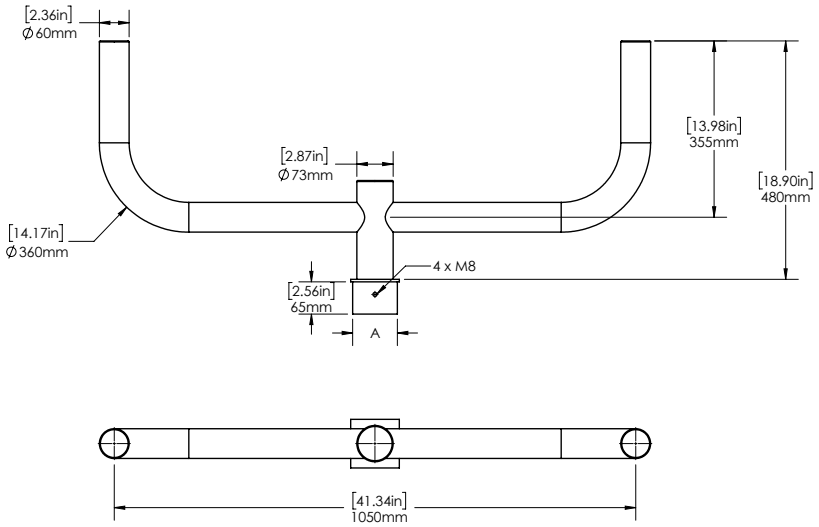
BASE COVER	A
SSSP4	4.09"
SSSP5	5.08"

PA1- 2 3/8" POLE TENON



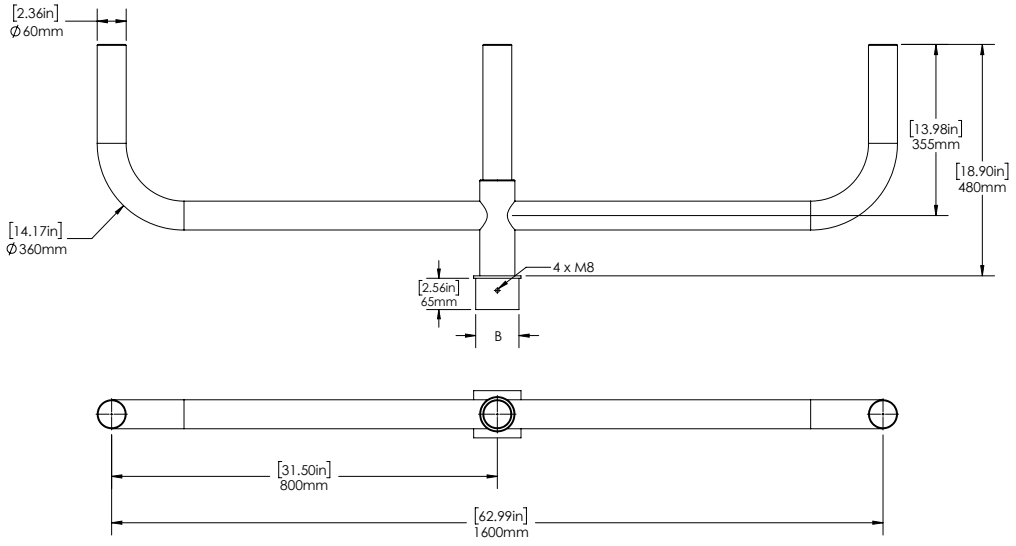


TENON	A	B
PA1/SSSP4	4"	3.5"
PA2/SSSP5	5"	4.5"



PA2-180 BULLHORN

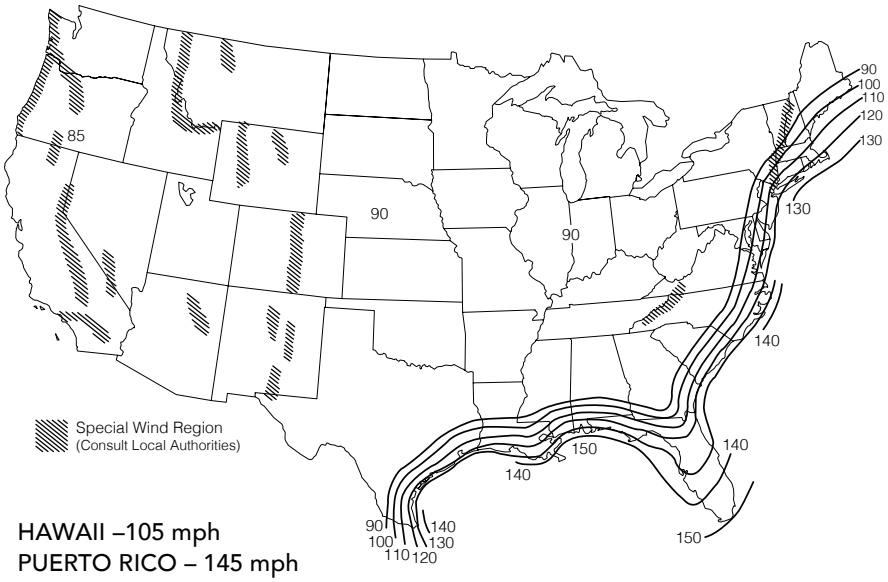
Bullhorn Pole	A
F/SSSP4-G11	3.54"
F/SSSP5-G07	4.53"



PA3-180 BULLHORN

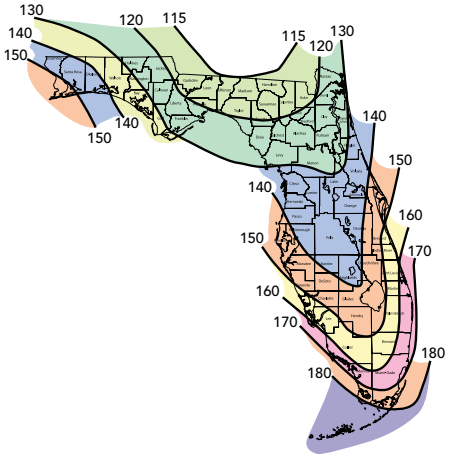
Bullhorn Pole	B
F/SSSP4-G11	3.54"
F/SSSP5-G07	4.53"

ASCE7-05 WIND MAP



HAWAII –105 mph
PUERTO RICO – 145 mph

FLORIDA REGION WIND MAP



Florida region wind map above is based upon 3-second gust winds and the 2017 Florida Building Code

EPA WIND LOAD RATING

	90mph	100mph	110mph	120mph	130mph	140mph	150mph
SSSP4-15-BRZ-G11	9.5	8.8	7.9	7	6	4.9	3.7
SSSP4-20-BRZ-G11	5.6	4.6	3.6	2.4	1.2	-	-
SSSP4-25-BRZ-G11	2.6	1.4	0.1	-	-	-	-
SSSP5-30-BRZ-G07	7	5.2	3.2	1.1	-	-	-

ACCESSORY EPA RATING

PA1	0.144ft²
PA2-180	1.24ft²
PA3-180	1.32ft²

- Allowable EPA, to determine max pole loading weight, multiply allowable EPA by 30 lbs.
- The Wind Maps are intended only as a general guide. Always consult local authorities to determine maximum wind velocities, gusting and unique wind conditions for each specific application.
- Allowable pole EPA for jobsite wind conditions must be equal to or greater than the total EPA for fixtures, arms, and accessories to be assembled to the pole. Responsibility lies with the specifier for correct pole selection. Installation of poles without luminaires or attachment of any unauthorized accessories to poles is discouraged and shall void the manufacturer's warranty.
- Wind speeds and listed EPAs are for ground mounted installations. Poles mounted on structures (such as bridges and buildings) must consider vibration and coefficient of height factors beyond this general guide; Consult local and federal standards.
- Wind Induced Vibration brought on by steady, unidirectional winds and other unpredictable aerodynamic forces are not included in wind velocity ratings.
- Extreme Wind Events like, Hurricanes, Typhoons, Cyclones, or Tornadoes may expose poles to flying debris, wind shear or other detrimental effects not included in wind velocity ratings.
- Due to our continued efforts to improve our products, product specifications are subject to c hange without notice.

ORDERING GUIDE:

SSSP4-15-BRZ-G11	SSSP4-20-BRZ-G11	SSSP4-25-BRZ-G11	SSSP5-30-BRZ-G07
Quantity	**Quantity**	**Quantity**	**Quantity**
Stock Code: 052690	**Stock Code:** 052691	**Stock Code:** 052692	**Stock Code:** 052693
Height: 15'	**Height:** 20'	**Height:** 25'	**Height:** 30'
Finish: Bronze	**Finish:** Bronze	**Finish:** Bronze	**Finish:** Bronze

ORDERING GUIDE FOR ACCESSORIES

Options Sold Separately
Check the items that you wish to order:

- ☐ 052696 - ANCHOR BOLT & TEMPLATE F/SSSP4-15 & SSSP4-20
- ☐ 052697 - ANCHOR BOLT & TEMPLATE F/SSSP4-25 & SSSP5-30
- ☐ 052741 - PA1-BRZ F/SSSP4-G11
- ☐ 052742 - PA1-BRZ F/SSSP5-G07
- ☐ 052735 - PA2-180-BRZ F/SSSP4-G11
- ☐ 052736 - PA3-180-BRZ F/SSSP4-G11
- ☐ 052737 - PA2-180-BRZ F/SSSP5-G07
- ☐ 052738 - PA3-180-BRZ F/SSSP5-G07
- ☐ 052694 - BASE COVER F/SSSP4-G11-BCD11 BRZ
- ☐ 052695 - BASE COVER F/SSSP5-G07-BCD11 BRZ
- ☐ 052739 - TOP CAP BRZ F/SSSP4-G11
- ☐ 052740 - TOP CAP BRZ F/SSSP5-G07

WARRANTY
Steel pole structural integrity: limited three (3) year warranty.

Steel pole finish: limited one (1) year warranty.