



SSS SQUARE STRAIGHT STEEL

| Catalog # | | Type |
|-------------|--|------|
| Project | | |
| Comments | | Date |
| Prepared by | | |

FEATURES

- ASTM Grade steel base plate with ASTM A366 base cover
- Hand hole assembly 3" x 5" on 5" and 6" pole; and 2" x 4" on 4" pole
- 10'-39' mounting heights
- Drilled or tenon (specify)

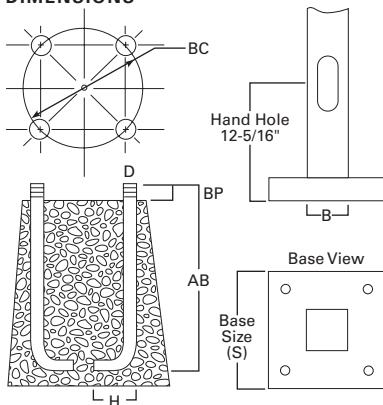
ORDERING INFORMATION

SAMPLE NUMBER: SSS5A20SFM1XG

| Product Family | Shaft Size (Inches) ¹ | Wall Thickness (Inches) | Mounting Height (Feet) | Base Type | Finish | Mounting Type | Number and Location of Arms | Arm Lengths (Feet) | Options (Add as Suffix) |
|---------------------------|----------------------------------|----------------------------------|--|---------------------|--|---|--|--------------------|--|
| SSS=Square Straight Steel | 4=4" 5=5" 6=6" | A=0.120" M=0.188" X=0.250" | 10=10' 15=15' 20=20' 25=25' 30=30' 35=35' 39=39' | S=Square Steel Base | F=Dark Bronze G=Galvanized Steel J=Summit White K=Carbon Bronze L=Dark Platinum P=Primer Powder Coat R=Hartford Green S=Silver T=Graphite Metallic V=Grey W=White X=Custom Color Y=Black | 2=2-3/8" O.D. Tenon (4" Long) 3=3-1/2" O.D. Tenon (5" Long) 4=4" O.D. Tenon (6" Long) 5=3" O.D. Tenon (4" Long) 6=2-3/8" O.D. Tenon (6" Long) 7=4" O.D. Tenon (10" Long) A=Type A Drilling C=Type C Drilling E=Type E Drilling F=Type F Drilling G=Type G Drilling J=Type J Drilling K=Type K Drilling M=Type M Drilling R=Type R Drilling Z=Type Z Drilling | 1=Single 2=2 at 180° 3=Triple ² 4=4 at 90° 5=2 at 90° X=None | X=None | A=1/2" Tapped Hub (Specify location desired) B=3/4" Tapped Hub (Specify location desired) C=Convenience Outlet ³ E=GFCI Convenience Outlet ³ G=Ground Lug H=Additional Hand Hole ⁴ L=Drilled for Bumper Glitter V=Vibration Damper |

NOTES: 1. All shaft sizes nominal. 2. Square poles are 3 at 90°, round poles are 3 at 120°. 3. Outlet is located 4' above base and on same side of pole as hand hole, unless specified otherwise. Receptacle not included, provision only. 4. Additional hand hole is located 12" below pole top and 90° from standard hand hole location, unless otherwise specified.

DIMENSIONS



WARNING: The use of unauthorized accessories such as banners, signs, cameras or pennants for which the pole was not designed voids the pole warranty from Eaton's Cooper Lighting business and may result in pole failure causing serious injury or property damage. Upon request, Eaton's Cooper Lighting business will supply information regarding total loading capacity. The pole warranty from Eaton's Cooper Lighting business is void unless poles are used and installed as a complete pole/luminaire combination. This warranty specifically excludes failure as the result of a third party act or omission, misuse, unanticipated uses, fatigue failure or similar phenomena resulting from induced vibration, harmonic oscillation or resonance associated with movement of air currents around the product.

Specifications and dimensions subject to change without notice. Consult your Eaton's Cooper Lighting business representative or visit www.cooperlighting.com for available options, accessories and ordering information.

Effective Projected Area (At Pole Top)

| Mounting Height (Feet) | Catalog Number ^{1,2} | Wall Thickness (Inches) | Base Square ³ (Inches) | Bolt Circle Diameter (Inches) | Anchor Bolt Projection ³ (Inches) | Shaft Size ³ (Inches) | Anchor Bolt Diameter x Length x Hook (Inches) | Net Weight (Pounds) | Maximum Effective Projected Area (Square Feet) ⁴ | | | | Max. Fixture Load - Includes Bracket (Pounds) |
|------------------------|-------------------------------|-------------------------|-----------------------------------|-------------------------------|--|----------------------------------|---|---------------------|---|--------|---------|---------|---|
| MH | | | S | BC | BP | B | D x AB x H | | 80 mph | 90 mph | 100 mph | 110 mph | |
| 10 | SSS4A10S | 0.120 | 10-1/2 | 11 | 4-1/2 | 4 | 3/4 x 25 x 3 | 85 | 30.0 | 22.0 | 17.0 | 13.0 | 100 |
| 15 | SSS4A15S | 0.120 | 10-1/2 | 11 | 4-1/2 | 4 | 3/4 x 25 x 3 | 118 | 15.0 | 11.5 | 8.7 | 6.5 | 100 |
| 20 | SSS4A20S | 0.120 | 10-1/2 | 11 | 4-1/2 | 4 | 3/4 x 25 x 3 | 150 | 8.7 | 5.9 | 3.9 | 2.5 | 150 |
| 20 | SSS5A20S | 0.120 | 10-1/2 | 11 | 4-1/2 | 5 | 3/4 x 25 x 3 | 183 | 15.4 | 11.1 | 7.9 | 5.5 | 150 |
| 25 | SSS4A25S | 0.120 | 10-1/2 | 11 | 4-1/2 | 4 | 3/4 x 25 x 3 | 181 | 3.7 | 1.7 | 0.3 | -- | 200 |
| 25 | SSS5A25S | 0.120 | 10-1/2 | 11 | 5 | 5 | 3/4 x 25 x 3 | 222 | 9.3 | 6.0 | 3.5 | 1.6 | 200 |
| 25 | SSS6A25S | 0.120 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 284 | 9.9 | 6.1 | 3.5 | 1.2 | 200 |
| 30 | SSS5A30S | 0.120 | 10-1/2 | 11 | 4-1/2 | 5 | 3/4 x 25 x 3 | 260 | 4.7 | 2.1 | -- | -- | 200 |
| 30 | SSS5M30S | 0.188 | 10-1/2 | 11 | 4-1/2 | 5 | 3/4 x 25 x 3 | 392 | 10.4 | 6.4 | 3.5 | 1.5 | 200 |
| 30 | SSS6A30S | 0.120 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 330 | 4.3 | 1.4 | -- | -- | 200 |
| 30 | SSS6M30S | 0.188 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 489 | 19.0 | 13.0 | 8.7 | 5.6 | 200 |
| 35 | SSS5M35S | 0.188 | 10-1/2 | 11 | 4-1/2 | 5 | 3/4 x 25 x 3 | 453 | 5.8 | 2.8 | -- | -- | 200 |
| 35 | SSS6M35S | 0.188 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 564 | 12.8 | 7.2 | 3.7 | 1.0 | 200 |
| 35 | SSS6X35S | 0.250 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 738 | 16.5 | 11.0 | 6.8 | 3.5 | 200 |
| 39 | SSS6M39S | 0.188 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 618 | 7.3 | 3.0 | -- | -- | 300 |
| 39 | SSS6X39S | 0.250 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 816 | 13.0 | 7.0 | 3.7 | 0.8 | 300 |

Effective Projected Area (Two Feet Above Pole Top)

| Mounting Height (Feet) | Catalog Number ^{1,2} | Wall Thickness (Inches) | Base Square ³ (Inches) | Bolt Circle Diameter (Inches) | Anchor Bolt Projection ³ (Inches) | Shaft Size ³ (Inches) | Anchor Bolt Diameter x Length x Hook (Inches) | Net Weight (Pounds) | Maximum Effective Projected Area (Square Feet) ⁴ | | | | Max. Fixture Load - Includes Bracket (Pounds) |
|------------------------|-------------------------------|-------------------------|-----------------------------------|-------------------------------|--|----------------------------------|---|---------------------|---|--------|---------|---------|---|
| MH | | | S | BC | BP | B | D x AB x H | | 80 mph | 90 mph | 100 mph | 110 mph | |
| 10 | SSS4A10S | 0.120 | 10-1/2 | 11 | 4-1/2 | 4 | 3/4 x 25 x 3 | 85 | 23.0 | 17.5 | 14.0 | 11.0 | 100 |
| 15 | SSS4A15S | 0.120 | 10-1/2 | 11 | 4-1/2 | 4 | 3/4 x 25 x 3 | 118 | 13.4 | 10.0 | 7.5 | 5.7 | 100 |
| 20 | SSS4A20S | 0.120 | 10-1/2 | 11 | 4-1/2 | 4 | 3/4 x 25 x 3 | 150 | 7.6 | 5.2 | 3.4 | 2.1 | 150 |
| 20 | SSS5A20S | 0.120 | 10-1/2 | 11 | 4-1/2 | 5 | 3/4 x 25 x 3 | 183 | 13.8 | 9.9 | 7.1 | 4.9 | 150 |
| 25 | SSS4A25S | 0.120 | 10-1/2 | 11 | 4-1/2 | 4 | 3/4 x 25 x 3 | 181 | 3.4 | 1.6 | 0.3 | -- | 200 |
| 25 | SSS5A25S | 0.120 | 10-1/2 | 11 | 5 | 5 | 3/4 x 25 x 3 | 222 | 8.5 | 5.5 | 3.2 | 1.5 | 200 |
| 25 | SSS6A25S | 0.120 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 284 | 9.1 | 5.6 | 3.0 | 1.2 | 200 |
| 30 | SSS5A30S | 0.120 | 10-1/2 | 11 | 4-1/2 | 5 | 3/4 x 25 x 3 | 260 | 1.8 | -- | -- | -- | 200 |
| 30 | SSS5M30S | 0.188 | 10-1/2 | 11 | 4-1/2 | 5 | 3/4 x 25 x 3 | 392 | 9.6 | 5.9 | 1.9 | 0.2 | 200 |
| 30 | SSS6A30S | 0.120 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 330 | 4.1 | 1.3 | -- | -- | 200 |
| 30 | SSS6M30S | 0.188 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 489 | 18.5 | 12.5 | 8.4 | 5.3 | 200 |
| 35 | SSS5M35S | 0.188 | 10-1/2 | 11 | 4-1/2 | 5 | 3/4 x 25 x 3 | 453 | 5.5 | 2.4 | -- | -- | 200 |
| 35 | SSS6M35S | 0.188 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 564 | 11.8 | 7.0 | 3.5 | 1.0 | 200 |
| 35 | SSS6X35S | 0.250 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 738 | 16.0 | 10.5 | 6.4 | 3.4 | 200 |
| 39 | SSS6M39S | 0.188 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 618 | 7.0 | 2.4 | -- | -- | 300 |
| 39 | SSS6X39S | 0.250 | 12-1/2 | 12-1/2 | 5 | 6 | 1 x 36 x 4 | 816 | 12.0 | 6.7 | 3.0 | 0.5 | 300 |

NOTES:

1. Catalog number includes pole with hardware kit. Anchor bolts not included. Before installing, make sure proper anchor bolts and templates are obtained from Eaton's Cooper Lighting business.

2. Tenon size or machining for rectangular arms must be specified. Hand hole position relative to drill location.

3. Shaft size, base square, anchor bolts and projections may vary slightly. All dimensions nominal.

4. EPAs based on shaft properties with wind normal to flat. EPAs calculated using base wind velocity as indicated plus 30% gust factor.