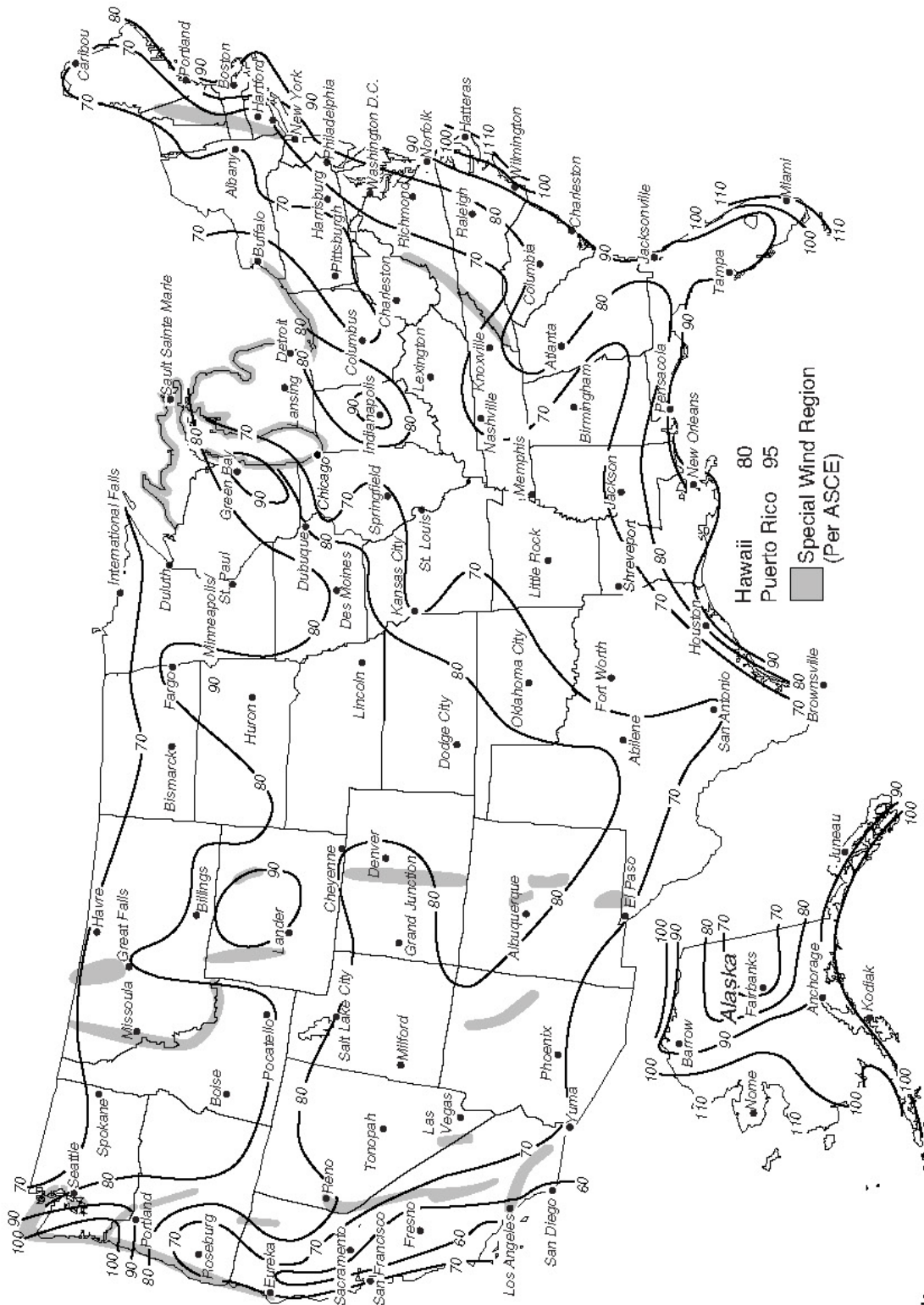


| Catalog Number | Maximum Loading | | | | | | | | | | | | Base Reactions | | | Weight | Base Plate Data | | | | Anchor Bolt Data | | | |
|----------------|-----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------|-------------|-----------------|--------------------|-----------------|------------|------------------|------------|------------------|-----------|-------------|-----------|
| | 70 mph | | 80 mph | | 90 mph | | 100 mph | | 110 mph | | 120 mph | | Axial (kip) | Shear (kip) | Moment (kip-in) | Approx Gross (lbs) | Shape | Width (in) | Bolt Circle (in) | Thick (in) | Qty. | Dia. (in) | Length (in) | Hook (in) |
| | EPA (ft2) | Wt. (lbs) | EPA (ft2) | Wt. (lbs) | EPA (ft2) | Wt. (lbs) | EPA (ft2) | Wt. (lbs) | EPA (ft2) | Wt. (lbs) | EPA (ft2) | Wt. (lbs) | | | | | | | | | | | | |
| POL-50-T1-AB | 20 | 500 | 15 | 375 | 11.5 | 330 | 9 | 270 | 7 | 200 | 5.5 | 125 | 0.8 | 1 | 472 | 522 | round | 17.0 | 13.5 | 1.25 | 4 | 1.25 | 42.0 | 6.0 |
| POL-50-T2-AB | 38.5 | 870 | 30.5 | 710 | 24.5 | 540 | 20 | 400 | 16.5 | 350 | 14 | 290 | 1.3 | 1.4 | 787 | 808 | round | 18.0 | 14.0 | 1.50 | 4 | 1.50 | 54.0 | 6.0 |
| POL-50-T3-AB | 54 | 1210 | 42.5 | 960 | 33.5 | 840 | 27 | 750 | 22.5 | 650 | 18.5 | 615 | 1.7 | 1.8 | 1029 | 926 | round | 19.0 | 15.0 | 1.50 | 4 | 1.50 | 54.0 | 6.0 |
| POL-50-T4-AB | 72.5 | 1340 | 56 | 1180 | 45 | 880 | 36.5 | 750 | 29.5 | 700 | 24.5 | 570 | 2 | 2.2 | 1281 | 1103 | round | 21.0 | 16.5 | 2.00 | 4 | 1.75 | 54.0 | 6.0 |
| POL-50-T5-AB | 81.5 | 3040 | 64.5 | 2580 | 52.5 | 1840 | 42.5 | 1720 | 34 | 1700 | 28 | 1540 | 3.5 | 2.5 | 1522 | 1224 | round | 22.0 | 17.5 | 2.00 | 4 | 1.75 | 54.0 | 6.0 |
| POL-60-T1-AB | 54 | 1850 | 42.5 | 1650 | 35.5 | 1230 | 29 | 1160 | 23.5 | 1030 | 19.5 | 990 | 2.7 | 1.9 | 1317 | 1368 | round | 23.0 | 19.0 | 1.75 | 4 | 1.50 | 54.0 | 6.0 |
| POL-60-T2-AB | 67.5 | 2650 | 55.5 | 2050 | 44 | 1850 | 35.5 | 1630 | 29.5 | 1350 | 24 | 1200 | 3.2 | 2.3 | 1663 | 1531 | round | 23.5 | 19.0 | 2.00 | 4 | 1.75 | 54.0 | 6.0 |
| POL-60-T3-AB | 84.5 | 32.5 | 69 | 2475 | 54 | 2170 | 43.5 | 1780 | 35 | 1600 | 28.5 | 1300 | 3.8 | 2.8 | 2017 | 1697 | round | 25.0 | 20.5 | 2.00 | 4 | 1.75 | 54.0 | 6.0 |
| POL-60-T4-AB | 103.5 | 3620 | 81.5 | 2900 | 63.5 | 2600 | 51 | 2000 | 40.5 | 1970 | 32.5 | 1790 | 4.3 | 3.3 | 2338 | 1800 | round | 24.5 | 20.5 | 2.00 | 6 | 1.50 | 54.0 | 6.0 |
| POL-60-T5-AB | 126.5 | 4580 | 98 | 3500 | 77 | 2770 | 61.5 | 2065 | 49.5 | 1740 | 40 | 1580 | 5.1 | 3.9 | 2756 | 2031 | round | 26.0 | 22.0 | 2.25 | 6 | 1.50 | 54.0 | 6.0 |
| POL-70-T1-AB | 33.5 | 1135 | 26 | 1020 | 20 | 985 | 15.5 | 1030 | 11.5 | 1205 | 10 | 1000 | 2.2 | 1.6 | 1225 | 1459 | round | 23.0 | 19.0 | 1.75 | 4 | 1.50 | 54.0 | 6.0 |
| POL-70-T2-AB | 35.5 | 2850 | 30.5 | 2000 | 25.5 | 1750 | 21 | 1630 | 17.5 | 1530 | 15 | 1450 | 3 | 3 | 1539 | 1617 | round | 23.5 | 19.0 | 1.75 | 4 | 1.75 | 54.0 | 6.0 |
| POL-70-T3-AB | 59 | 2150 | 49 | 1880 | 38 | 1560 | 30.5 | 1400 | 25.5 | 1240 | 20.5 | 1180 | 3.3 | 2.3 | 1877 | 1772 | round | 23.0 | 19.0 | 2.00 | 6 | 1.50 | 54.0 | 6.0 |
| POL-70-T4-AB | 74 | 2690 | 60 | 2240 | 47 | 1950 | 37.5 | 1730 | 30 | 1600 | 24 | 1400 | 3.8 | 2.8 | 2249 | 1941 | round | 24.0 | 20.0 | 2.00 | 6 | 1.50 | 54.0 | 6.0 |
| POL-70-T5-AB | 97 | 3380 | 75 | 2830 | 58 | 2570 | 46 | 2260 | 36.5 | 1980 | 29 | 1790 | 4.6 | 3.3 | 2722 | 2199 | round | 25.5 | 21.5 | 2.25 | 6 | 1.50 | 54.0 | 6.0 |
| POL-80-T1-AB | 29 | 950 | 22.5 | 815 | 18 | 690 | 14.5 | 580 | 12 | 515 | 10 | 490 | 2.2 | 1.7 | 1352 | 1699 | round | 23.5 | 19.0 | 1.75 | 4 | 1.50 | 54.0 | 6.0 |
| POL-80-T2-AB | 40.5 | 1250 | 33 | 1240 | 25.5 | 910 | 20 | 940 | 17.5 | 860 | 14.5 | 750 | 2.8 | 1.9 | 1625 | 1878 | round | 23.0 | 19.0 | 2.00 | 6 | 1.50 | 54.0 | 6.0 |
| POL-80-T3-AB | 52 | 1740 | 43 | 1580 | 33 | 1370 | 26.5 | 1240 | 21 | 1350 | 17 | 1260 | 3.3 | 2.3 | 2035 | 2072 | round | 24.0 | 20.0 | 2.00 | 6 | 1.50 | 54.0 | 6.0 |
| POL-80-T4-AB | 68.5 | 2610 | 55 | 2360 | 43 | 2050 | 34 | 2000 | 26.5 | 1970 | 20.5 | 1850 | 4.2 | 2.8 | 2574 | 2355 | round | 25.5 | 21.5 | 2.25 | 6 | 1.50 | 54.0 | 6.0 |
| POL-80-T5-AB | 98 | 3570 | 74 | 2960 | 57.5 | 2380 | 44.5 | 2150 | 34 | 2000 | 26 | 2050 | 5.2 | 3.6 | 3309 | 2771 | round | 28.5 | 24.0 | 2.25 | 6 | 1.75 | 54.0 | 6.0 |
| POL-80-T6-AB | 118.5 | 4800 | 90 | 3800 | 69.5 | 3100 | 53.5 | 2790 | 41.5 | 2430 | 32 | 2300 | 6.3 | 4.3 | 3914 | 3160 | round | 30.5 | 26.0 | 2.25 | 6 | 1.75 | 54.0 | 6.0 |
| POL-90-T1-AB | 36 | 1080 | 28 | 930 | 23 | 705 | 18.5 | 605 | 15.5 | 505 | 13.5 | 470 | 2.8 | 2 | 1813 | 2167 | round | 24.0 | 20.0 | 2.00 | 6 | 1.50 | 54.0 | 6.0 |
| POL-90-T2-AB | 49 | 1710 | 40 | 1650 | 31.5 | 1450 | 25 | 1350 | 20.5 | 1130 | 16.5 | 1015 | 3.7 | 2.4 | 2342 | 2457 | round | 25.5 | 21.5 | 2.00 | 6 | 1.50 | 54.0 | 6.0 |
| POL-90-T3-AB | 75.5 | 2670 | 58 | 2340 | 44.5 | 2200 | 35 | 1790 | 26.5 | 1440 | 20 | 1320 | 4.7 | 3.2 | 3202 | 2937 | round | 28.5 | 24.0 | 2.25 | 6 | 1.75 | 54.0 | 6.0 |
| POL-90-T4-AB | 98 | 3660 | 73.5 | 3010 | 56 | 2500 | 42.5 | 2130 | 32 | 2080 | 25 | 1400 | 5.7 | 4 | 3919 | 3370 | round | 30.5 | 26.0 | 2.25 | 6 | 1.75 | 54.0 | 6.0 |
| POL-100-T1-AB | 35 | 1120 | 29 | 1190 | 20 | 910 | 16.5 | 790 | 15 | 750 | 12 | 680 | 3.3 | 2.1 | 2133 | 2552 | round | 25.5 | 21.5 | 2.00 | 6 | 1.50 | 54.0 | 6.0 |
| POL-100-T2-AB | 54.5 | 1800 | 44 | 1665 | 33 | 1480 | 27 | 1400 | 21 | 1150 | 15.5 | 850 | 4.1 | 2.9 | 2974 | 3072 | round | 28.5 | 24.0 | 2.25 | 6 | 1.50 | 54.0 | 6.0 |
| POL-100-T3-AB | 76 | 3150 | 60 | 2480 | 45 | 2030 | 34 | 1660 | 25 | 1500 | 18 | 1400 | 5.3 | 3.6 | 3905 | 3548 | round | 30.5 | 26.0 | 2.25 | 6 | 1.75 | 54.0 | 6.0 |
| POL-100-T4-AB | 94 | 3540 | 70.5 | 2790 | 52.5 | 2420 | 39 | 2090 | 29 | 1780 | 21 | 1610 | 6 | 4.2 | 4445 | 3884 | round | 32.0 | 27.5 | 2.00 | 8 | 1.75 | 54.0 | 6.0 |
| POL-100-T5-AB | 117 | 4150 | 85.5 | 3400 | 64 | 2640 | 48 | 2180 | 36 | 1880 | 26 | 1820 | 7.1 | 5 | 5266 | 4463 | round | 35.0 | 30.5 | 2.00 | 8 | 1.75 | 54.0 | 6.0 |
| POL-110-T1-AB | 49 | 2710 | 37.5 | 2470 | 28 | 2330 | 22 | 2360 | 17.5 | 2160 | 13 | 1850 | 5 | 2.7 | 2887 | 3075 | round | 27.5 | 23.5 | 2.00 | 6 | 1.50 | 54.0 | 6.0 |
| POL-110-T2-AB | 71 | 3760 | 54 | 3420 | 43 | 2610 | 32 | 2280 | 23 | 2300 | 17 | 1950 | 6.3 | 3.4 | 3836 | 3609 | round | 30.5 | 26.0 | 2.25 | 6 | 1.75 | 54.0 | 6.0 |
| POL-110-T3-AB | 87.5 | 4680 | 65.1 | 4080 | 48 | 3760 | 36 | 3220 | 26 | 3100 | 19.5 | 2470 | 7.3 | 4 | 4438 | 3936 | round | 32 | 27.5 | 2.00 | 8 | 1.75 | 54.0 | 6.0 |
| POL-110-T4-AB | 109 | 5940 | 80 | 5110 | 60 | 4150 | 45 | 3520 | 33.5 | 3200 | 24 | 2970 | 8.8 | 4.8 | 5252 | 4585 | round | 35 | 30.5 | 2.00 | 8 | 1.75 | 54.0 | 6.0 |
| POL-120-T1-AB | 29.5 | 790 | 22.5 | 760 | 18 | 520 | 17 | 510 | 13 | 390 | 9.5 | 280 | 3.4 | 2.5 | 2702 | 3274 | round | 27.5 | 23.5 | 2.00 | 6 | 1.50 | 54.0 | 6.0 |
| POL-120-T2-AB | 49 | 1470 | 36 | 1190 | 26.5 | 1200 | 21.5 | 1150 | 15 | 880 | 10 | 630 | 4.4 | 3.1 | 3584 | 3894 | round | 30.5 | 26.0 | 2.25 | 6 | 1.75 | 54.0 | 6.0 |
| POL-120-T3-AB | 60 | 2420 | 45.5 | 2100 | 34.5 | 1750 | 24.5 | 1410 | 17 | 1110 | 11.5 | 760 | 5.6 | 3.6 | 4308 | 4285 | round | 32 | 27.5 | 2.00 | 8 | 1.75 | 54.0 | 6.0 |
| POL-120-T4-AB | 78 | 3520 | 57.5 | 2850 | 40.5 | 2660 | 29 | 2180 | 19.5 | 2000 | 12.5 | 1480 | 6.9 | 4.3 | 5266 | 4963 | round | 35 | 30.5 | 2.00 | 8 | 1.75 | 54.0 | 6.0 |

Pole Guide Notes:

- The pole guide is intended for use on either high mast lowering device products, sports lighting products, or other large area lighting design requirements.
- Designs are based on commercial grade criteria. For loading outside of those charted above, or for design criteria other than commercial, please consult the factory.
- Foundation designs are available upon request. Please consult the factory for further details.
- Signed and sealed PE calculations are available. Please consult the factory for further details.
- Other available code designs include, (UBC) Uniform Building Code, (IBC) International Building Code, AASHTO 1994, AASHTO 2002, (CBC) California Building Code.



Wind Velocity Map

As recognized by AASHTO (American Association of State Highway Transportation Officials) and ASCE (American Society of Civil Engineers), 1994 Edition. For other Wind Velocity Maps please consult the factory.