

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P385441

Luminaire Tested: GAW-SA1A-727-U-SLR

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-2019
Report Number: P385441
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GAW-SA1A-727-U-SLR
Description: GALLEON WALL LUMINAIRE
(1) 70 CRI, 2700K, 615mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT
ELIMINATOR RIGHT OPTICS
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3658 lumens
Efficiency: N/A
Efficacy: 107.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G2

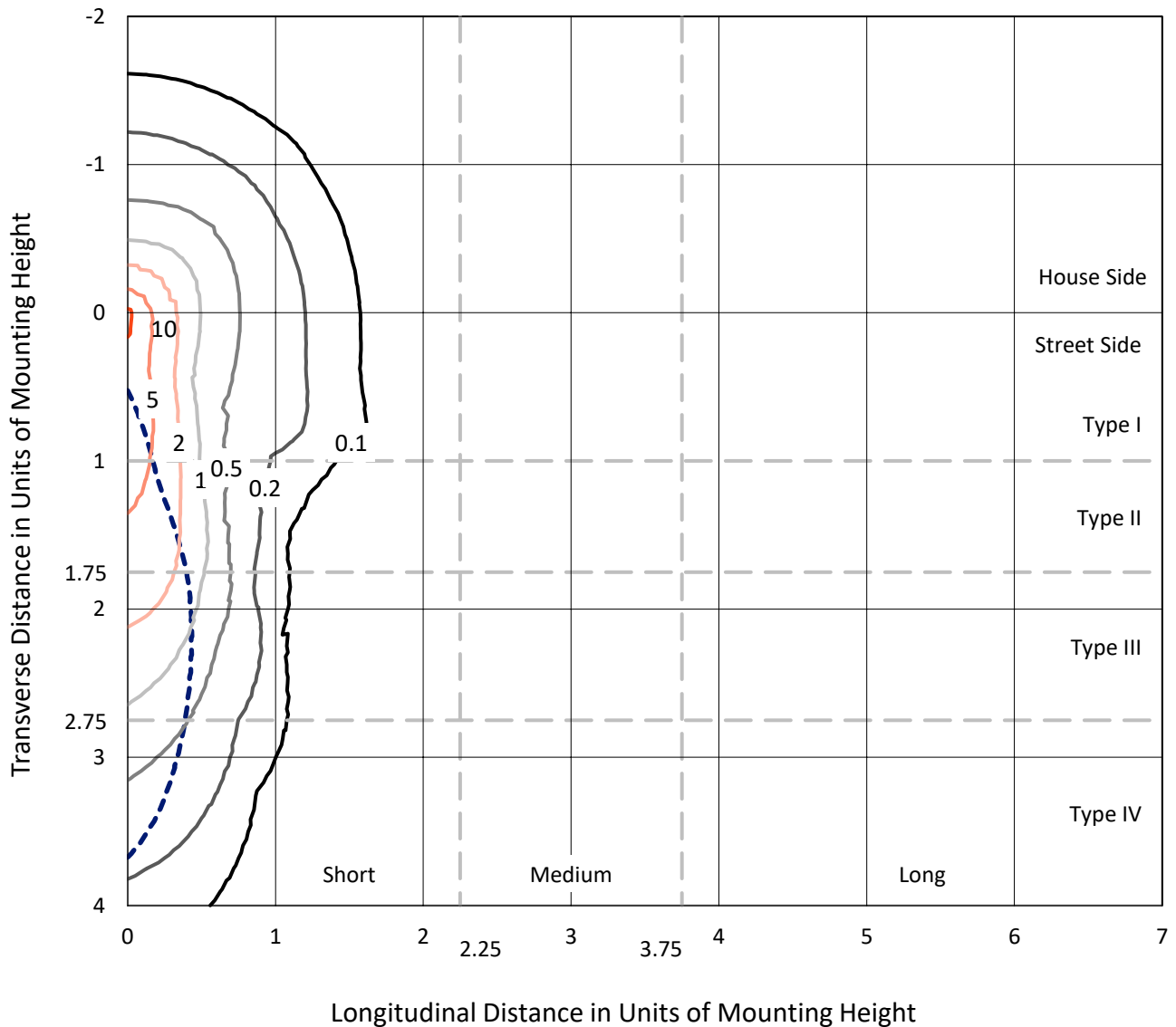
Input Watts (W): 34
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

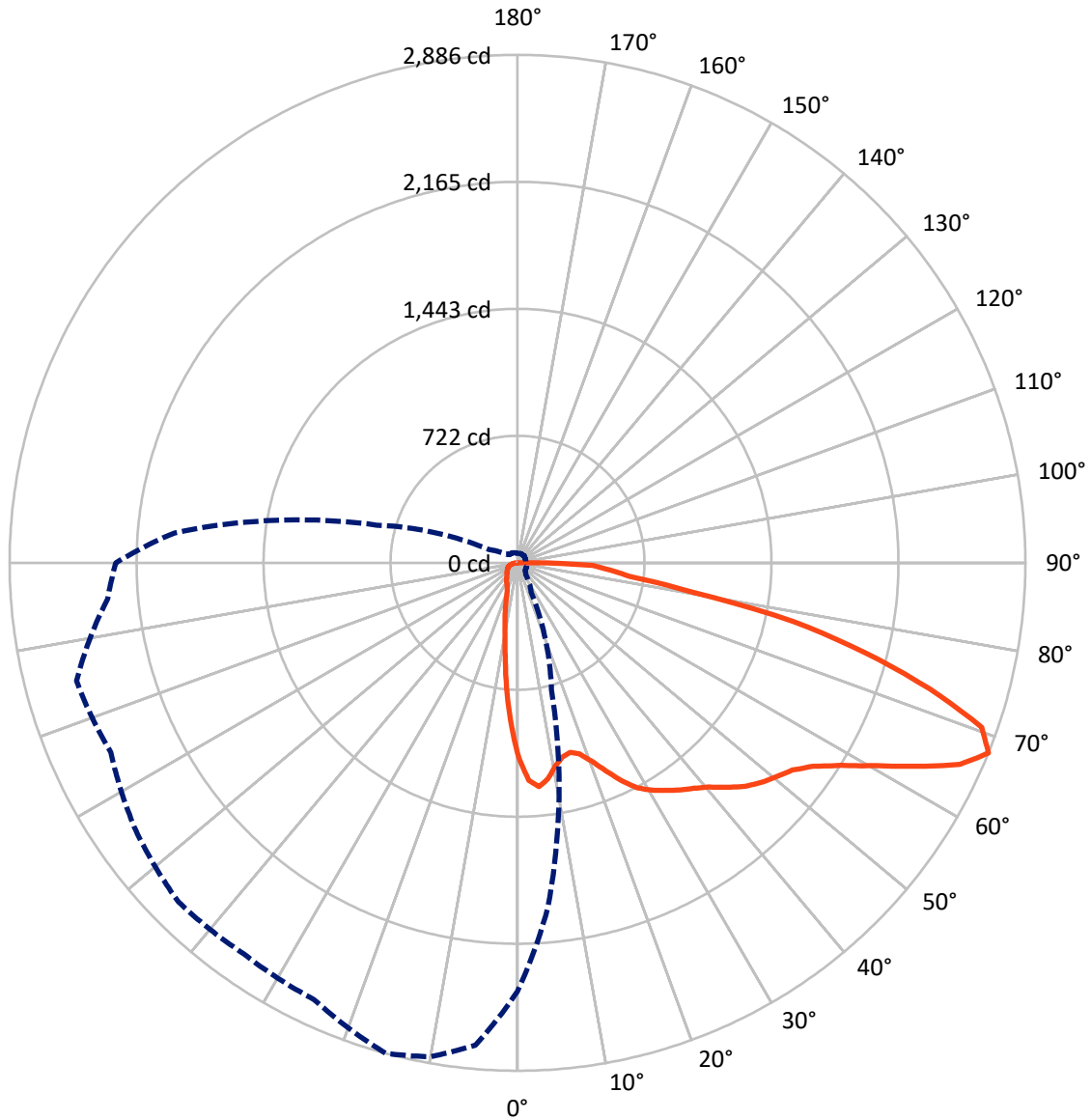
× Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 11.1 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 345-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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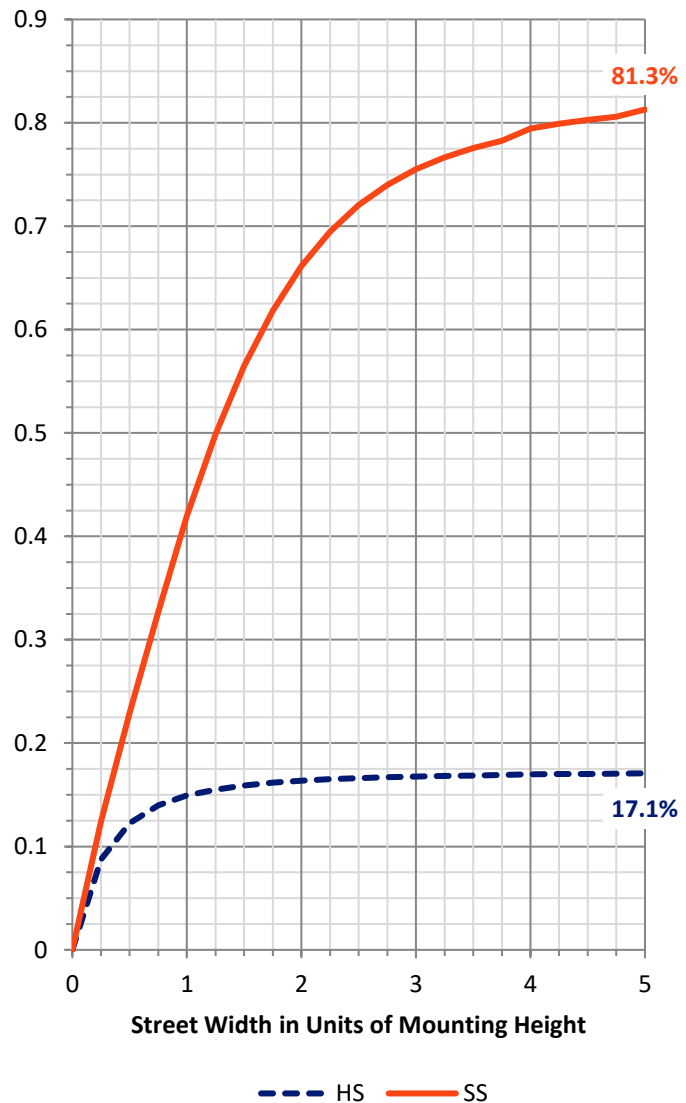
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 632.4 | 0.0 | 632.4 |
| | % Fixture | 17.3 | 0.0 | 17.3 |
| Street Side | Lumens | 3025.6 | 0.0 | 3025.6 |
| | % Fixture | 82.7 | 0.0 | 82.7 |
| Total | Lumens | 3658.0 | 0.0 | 3658.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 86.0 | 2.4 |
| 10°-20° | 178.7 | 4.9 |
| 20°-30° | 254.1 | 6.9 |
| 30°-40° | 366.2 | 10.0 |
| 40°-50° | 516.1 | 14.1 |
| 50°-60° | 717.4 | 19.6 |
| 60°-70° | 867.5 | 23.7 |
| 70°-80° | 533.3 | 14.6 |
| 80°-90° | 138.8 | 3.8 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 3658.0 | 100.0 |
| 0°-180° | 3658.0 | 100.0 |

Coefficient of Utilization

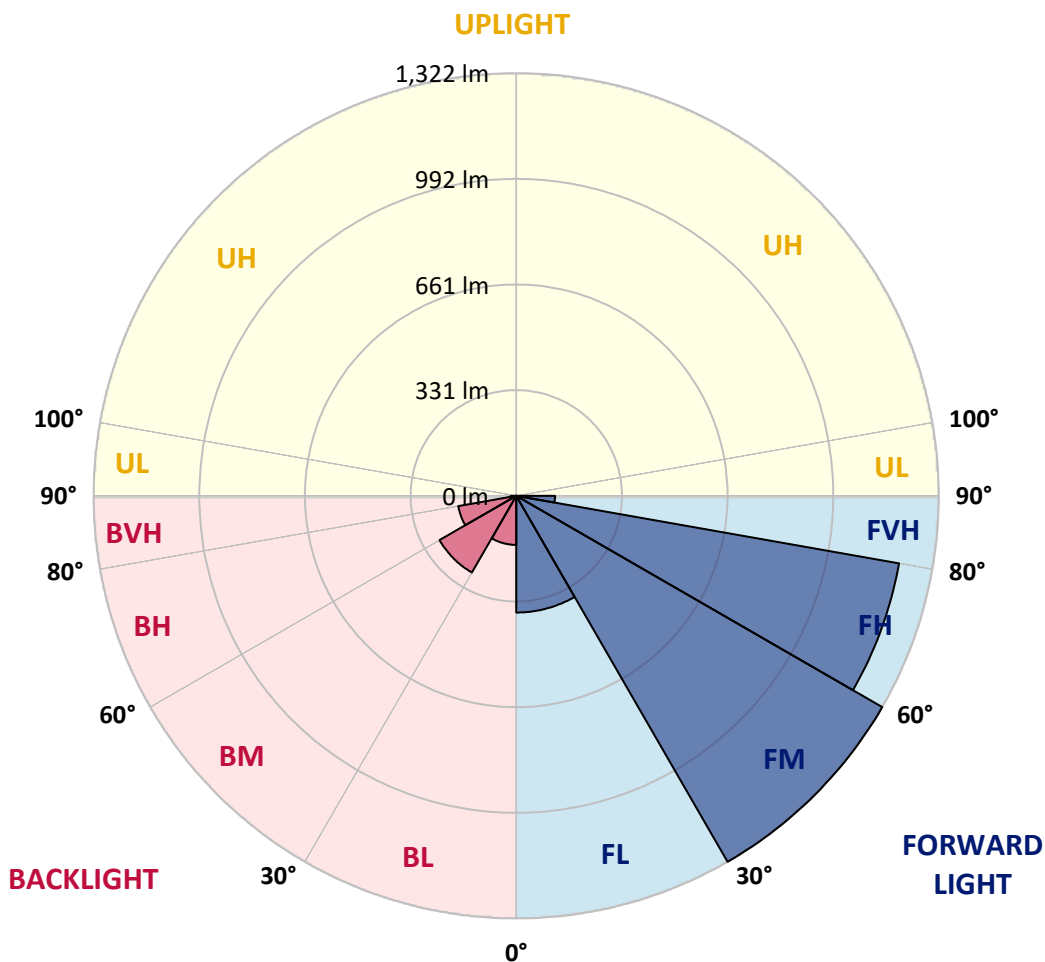


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 365.3 | 10.0 | | | |
| FM (30°-60°) | 1322.5 | 36.2 | | | |
| FH (60°-80°) | 1216.5 | 33.3 | | | G1/1800 |
| FVH (80°-90°) | 121.4 | 3.3 | | | G2/225 |
| BL (0°-30°) | 153.5 | 4.2 | B1/500 | | |
| BM (30°-60°) | 277.2 | 7.6 | B1/1000 | | |
| BH (60°-80°) | 184.3 | 5.0 | B1/500 | | G1/500 |
| BVH (80°-90°) | 17.4 | 0.5 | | | G1/100 |
| UL (90°-100°) | 0.0 | 0.0 | | U0/0 | |
| UH (100°-180°) | 0.0 | 0.0 | | U0/0 | |

BUG Rating: B1-U0-G2
 Type IV Medium





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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 |
| 2.5° | 1193.8 | 1183.3 | 1167.4 | 1151.4 | 1139.6 | 1127.6 | 1114.0 | 1100.4 | 1084.9 | 1069.2 | 1060.0 |
| 5° | 1174.1 | 1144.9 | 1106.8 | 1068.8 | 1043.6 | 1018.5 | 990.0 | 961.5 | 933.2 | 905.0 | 889.8 |
| 7.5° | 1085.2 | 1041.3 | 991.9 | 942.4 | 905.9 | 869.2 | 829.7 | 790.0 | 754.9 | 719.7 | 697.9 |
| 10° | 997.7 | 945.1 | 888.3 | 831.4 | 784.6 | 737.8 | 698.2 | 658.4 | 632.0 | 605.5 | 585.4 |
| 12.5° | 935.0 | 876.6 | 814.2 | 751.6 | 704.8 | 658.0 | 632.8 | 607.7 | 585.7 | 563.8 | 540.7 |
| 15° | 910.1 | 844.2 | 780.3 | 716.2 | 673.6 | 631.1 | 603.1 | 575.1 | 545.7 | 516.1 | 487.7 |
| 17.5° | 932.1 | 854.8 | 785.4 | 715.9 | 660.2 | 604.5 | 565.4 | 526.2 | 487.5 | 448.7 | 415.8 |
| 20° | 1000.5 | 901.9 | 811.1 | 720.1 | 646.0 | 571.8 | 519.5 | 467.0 | 417.3 | 367.5 | 330.2 |
| 22.5° | 1096.6 | 966.1 | 847.5 | 728.9 | 633.1 | 537.2 | 471.5 | 405.7 | 346.9 | 288.1 | 251.6 |
| 25° | 1213.3 | 1051.3 | 900.0 | 748.7 | 627.9 | 506.9 | 426.2 | 345.4 | 283.4 | 221.3 | 195.2 |
| 27.5° | 1336.3 | 1152.8 | 965.3 | 777.6 | 628.7 | 479.9 | 388.0 | 296.0 | 240.1 | 184.3 | 166.4 |
| 30° | 1438.8 | 1268.7 | 1041.3 | 813.7 | 632.1 | 450.5 | 352.0 | 253.6 | 207.5 | 161.5 | 149.9 |
| 32.5° | 1532.6 | 1349.6 | 1098.6 | 847.5 | 635.9 | 424.1 | 324.2 | 224.2 | 186.6 | 148.9 | 139.4 |
| 35° | 1629.4 | 1421.4 | 1138.7 | 855.9 | 629.3 | 402.6 | 305.2 | 207.8 | 173.2 | 138.4 | 130.3 |
| 37.5° | 1736.0 | 1499.1 | 1177.3 | 855.4 | 618.2 | 381.0 | 290.5 | 199.8 | 164.4 | 128.8 | 123.0 |
| 40° | 1854.9 | 1584.9 | 1219.2 | 853.4 | 608.1 | 362.7 | 279.5 | 196.1 | 159.6 | 122.9 | 117.9 |
| 42.5° | 1971.2 | 1666.8 | 1258.1 | 849.3 | 599.9 | 350.4 | 268.7 | 186.9 | 155.2 | 123.3 | 116.3 |
| 45° | 2058.5 | 1738.3 | 1291.8 | 845.2 | 593.8 | 342.4 | 260.2 | 178.0 | 151.1 | 124.2 | 115.2 |
| 47.5° | 2124.7 | 1810.2 | 1329.3 | 848.3 | 593.2 | 338.1 | 254.2 | 170.2 | 143.3 | 116.3 | 112.6 |
| 50° | 2209.0 | 1896.4 | 1383.8 | 871.2 | 601.2 | 331.3 | 247.2 | 162.9 | 135.9 | 108.8 | 113.8 |
| 52.5° | 2313.8 | 2019.6 | 1468.4 | 917.0 | 618.1 | 319.1 | 236.0 | 153.0 | 126.8 | 100.5 | 108.2 |
| 55° | 2467.8 | 2177.4 | 1576.4 | 975.4 | 638.4 | 301.3 | 219.2 | 137.0 | 114.8 | 92.4 | 99.3 |
| 57.5° | 2606.1 | 2336.8 | 1680.1 | 1023.3 | 651.1 | 278.8 | 198.0 | 117.3 | 101.4 | 85.4 | 89.4 |
| 60° | 2667.6 | 2419.0 | 1728.7 | 1038.2 | 643.5 | 248.8 | 174.2 | 99.5 | 89.5 | 79.6 | 78.8 |
| 62.5° | 2643.6 | 2366.8 | 1680.9 | 994.9 | 606.4 | 217.8 | 153.1 | 88.5 | 81.0 | 73.4 | 71.8 |
| 65° | 2573.4 | 2202.7 | 1546.9 | 891.1 | 543.6 | 196.1 | 139.8 | 83.5 | 75.2 | 66.8 | 65.1 |
| 67.5° | 2435.1 | 1969.1 | 1357.1 | 745.0 | 463.9 | 182.8 | 132.2 | 81.6 | 71.5 | 61.3 | 59.2 |
| 70° | 2186.7 | 1688.0 | 1138.4 | 588.7 | 381.7 | 174.6 | 127.2 | 79.9 | 67.6 | 55.1 | 53.2 |
| 72.5° | 1796.1 | 1353.4 | 909.1 | 464.6 | 319.1 | 173.6 | 126.7 | 79.7 | 64.4 | 49.0 | 47.2 |
| 75° | 1286.0 | 1028.0 | 694.0 | 359.8 | 261.4 | 162.9 | 120.2 | 77.5 | 60.0 | 42.3 | 40.7 |
| 77.5° | 865.4 | 711.5 | 482.3 | 253.0 | 193.9 | 134.8 | 101.1 | 67.3 | 51.3 | 35.4 | 33.8 |
| 80° | 555.8 | 492.4 | 323.2 | 154.0 | 125.8 | 97.5 | 72.2 | 46.9 | 37.4 | 27.8 | 26.5 |
| 82.5° | 407.7 | 366.5 | 224.6 | 82.8 | 69.9 | 56.9 | 44.2 | 31.4 | 25.6 | 19.7 | 19.2 |
| 85° | 259.2 | 285.8 | 165.4 | 45.0 | 36.9 | 28.7 | 23.7 | 18.7 | 14.8 | 10.8 | 10.8 |
| 87.5° | 50.3 | 69.6 | 45.8 | 21.8 | 15.9 | 10.1 | 8.6 | 7.0 | 3.9 | 0.7 | 0.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 |
| 2.5° | 1050.7 | 1040.6 | 1030.5 | 1019.1 | 1007.5 | 996.8 | 986.0 | 974.2 | 976.4 | 967.3 | 958.2 |
| 5° | 874.6 | 858.5 | 842.3 | 828.2 | 814.2 | 802.0 | 789.8 | 778.8 | 788.3 | 781.9 | 775.4 |
| 7.5° | 676.0 | 656.1 | 636.0 | 619.2 | 602.4 | 589.4 | 576.2 | 567.2 | 576.5 | 575.4 | 574.2 |
| 10° | 565.4 | 546.1 | 526.7 | 508.1 | 489.5 | 473.7 | 457.8 | 444.3 | 442.0 | 435.2 | 428.4 |
| 12.5° | 517.4 | 491.0 | 464.3 | 444.9 | 425.4 | 406.6 | 387.7 | 371.9 | 364.8 | 353.6 | 342.4 |
| 15° | 459.4 | 428.1 | 396.8 | 374.7 | 352.5 | 334.2 | 315.8 | 302.2 | 297.6 | 289.0 | 280.4 |
| 17.5° | 382.9 | 348.7 | 314.4 | 292.1 | 269.5 | 254.9 | 240.1 | 231.1 | 231.1 | 228.6 | 226.1 |
| 20° | 292.9 | 262.4 | 231.8 | 214.7 | 197.6 | 189.8 | 181.9 | 178.1 | 179.3 | 179.5 | 179.5 |
| 22.5° | 214.8 | 196.1 | 177.4 | 170.5 | 163.5 | 160.7 | 158.0 | 156.3 | 156.9 | 157.1 | 157.2 |
| 25° | 169.2 | 162.0 | 154.7 | 151.2 | 147.6 | 145.8 | 144.1 | 143.5 | 144.8 | 144.9 | 144.9 |
| 27.5° | 148.6 | 144.2 | 139.7 | 137.5 | 135.1 | 134.4 | 133.7 | 132.6 | 134.0 | 134.0 | 133.8 |
| 30° | 138.2 | 133.5 | 128.8 | 126.1 | 123.3 | 123.6 | 123.7 | 123.4 | 124.3 | 124.9 | 125.3 |
| 32.5° | 129.7 | 125.2 | 120.7 | 117.9 | 115.0 | 114.5 | 114.1 | 113.8 | 115.7 | 116.7 | 117.7 |
| 35° | 122.1 | 117.1 | 112.2 | 109.5 | 106.9 | 105.9 | 104.9 | 104.1 | 105.9 | 107.2 | 108.5 |
| 37.5° | 117.0 | 111.9 | 106.6 | 104.1 | 101.5 | 100.2 | 98.9 | 98.0 | 98.7 | 99.3 | 99.9 |
| 40° | 112.9 | 107.6 | 102.2 | 99.3 | 96.4 | 95.1 | 93.7 | 93.0 | 93.5 | 93.6 | 93.7 |
| 42.5° | 109.1 | 104.0 | 98.9 | 95.6 | 92.3 | 90.7 | 89.1 | 88.2 | 88.5 | 88.8 | 88.9 |
| 45° | 106.3 | 101.2 | 95.9 | 92.1 | 88.2 | 86.4 | 84.7 | 83.7 | 83.8 | 83.8 | 83.8 |
| 47.5° | 109.0 | 101.5 | 93.9 | 89.5 | 85.0 | 82.9 | 80.9 | 79.9 | 79.6 | 79.3 | 79.0 |
| 50° | 118.6 | 105.9 | 93.0 | 87.5 | 81.8 | 79.6 | 77.2 | 76.1 | 75.3 | 75.0 | 74.7 |
| 52.5° | 115.8 | 104.9 | 93.7 | 86.6 | 79.3 | 76.6 | 74.0 | 72.1 | 71.4 | 70.9 | 70.5 |
| 55° | 106.0 | 99.2 | 92.1 | 83.5 | 74.9 | 72.5 | 70.1 | 68.7 | 67.4 | 67.1 | 66.8 |
| 57.5° | 93.2 | 90.4 | 87.6 | 78.8 | 70.1 | 67.9 | 65.5 | 64.6 | 63.5 | 63.5 | 63.3 |
| 60° | 78.0 | 82.0 | 86.1 | 76.1 | 65.8 | 63.3 | 60.8 | 60.1 | 59.7 | 59.5 | 59.4 |
| 62.5° | 70.1 | 76.8 | 83.4 | 72.7 | 61.9 | 59.2 | 56.6 | 55.7 | 55.6 | 55.7 | 55.7 |
| 65° | 63.3 | 65.4 | 67.4 | 62.4 | 57.5 | 54.8 | 52.1 | 51.2 | 51.5 | 51.9 | 52.4 |
| 67.5° | 57.2 | 56.7 | 56.3 | 54.6 | 52.7 | 50.5 | 48.1 | 47.2 | 47.4 | 48.0 | 48.6 |
| 70° | 51.3 | 50.7 | 50.0 | 48.7 | 47.4 | 45.5 | 43.6 | 43.0 | 42.9 | 43.6 | 44.2 |
| 72.5° | 45.5 | 44.8 | 43.9 | 42.9 | 41.7 | 40.1 | 38.5 | 38.0 | 38.2 | 38.6 | 39.0 |
| 75° | 39.0 | 38.5 | 37.7 | 36.9 | 35.8 | 34.4 | 32.9 | 32.6 | 32.9 | 33.3 | 33.8 |
| 77.5° | 32.0 | 31.9 | 31.6 | 30.9 | 30.1 | 28.5 | 26.8 | 26.6 | 27.1 | 27.5 | 27.8 |
| 80° | 25.0 | 25.2 | 25.3 | 24.7 | 24.1 | 22.4 | 20.5 | 20.3 | 20.8 | 21.2 | 21.6 |
| 82.5° | 18.4 | 18.9 | 19.2 | 18.4 | 17.7 | 15.6 | 13.6 | 13.3 | 14.8 | 15.2 | 15.6 |
| 85° | 10.7 | 11.3 | 11.8 | 11.3 | 10.7 | 8.6 | 6.6 | 6.4 | 7.8 | 8.5 | 9.2 |
| 87.5° | 0.9 | 1.2 | 1.5 | 1.3 | 1.2 | 0.6 | 0.0 | 0.0 | 0.1 | 0.7 | 1.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P385441
 CATALOG NUMBER: GAW-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P385441
 CATALOG NUMBER: GAW-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 |
| 2.5° | 952.5 | 946.8 | 945.1 | 943.3 | 936.9 | 930.3 | 937.0 | 943.6 | 946.4 | 949.2 | 942.0 |
| 5° | 774.5 | 773.5 | 773.5 | 773.4 | 767.5 | 761.5 | 766.1 | 770.5 | 760.7 | 750.9 | 749.8 |
| 7.5° | 580.5 | 586.8 | 591.9 | 596.9 | 595.0 | 593.0 | 597.3 | 601.5 | 589.1 | 576.5 | 570.4 |
| 10° | 429.8 | 431.1 | 436.7 | 442.3 | 443.6 | 444.8 | 450.0 | 455.1 | 445.5 | 435.8 | 431.6 |
| 12.5° | 335.4 | 328.3 | 329.1 | 329.7 | 332.3 | 334.8 | 340.3 | 345.7 | 341.8 | 337.7 | 338.1 |
| 15° | 271.6 | 262.7 | 259.0 | 255.2 | 258.1 | 261.1 | 265.0 | 268.8 | 269.0 | 269.0 | 272.8 |
| 17.5° | 221.7 | 217.2 | 213.5 | 209.7 | 213.7 | 217.5 | 217.9 | 218.4 | 218.5 | 218.6 | 218.4 |
| 20° | 181.6 | 183.8 | 182.7 | 181.5 | 183.0 | 184.3 | 185.4 | 186.5 | 185.2 | 183.7 | 180.0 |
| 22.5° | 159.3 | 161.2 | 162.6 | 163.9 | 166.4 | 168.8 | 167.6 | 166.3 | 163.7 | 160.9 | 158.1 |
| 25° | 146.3 | 147.6 | 149.0 | 150.5 | 152.5 | 154.4 | 152.4 | 150.3 | 148.4 | 146.5 | 144.6 |
| 27.5° | 135.3 | 136.6 | 137.9 | 139.1 | 141.0 | 142.7 | 140.8 | 138.9 | 137.3 | 135.7 | 134.3 |
| 30° | 126.4 | 127.2 | 128.3 | 129.3 | 131.0 | 132.6 | 131.0 | 129.3 | 128.1 | 126.8 | 125.8 |
| 32.5° | 118.8 | 119.6 | 120.1 | 120.5 | 122.1 | 123.7 | 122.6 | 121.4 | 120.4 | 119.3 | 118.6 |
| 35° | 110.4 | 112.2 | 112.5 | 112.8 | 114.4 | 116.0 | 115.2 | 114.4 | 113.2 | 112.0 | 110.7 |
| 37.5° | 101.9 | 104.0 | 105.2 | 106.2 | 107.8 | 109.4 | 108.7 | 107.9 | 106.3 | 104.7 | 102.4 |
| 40° | 94.8 | 95.6 | 97.8 | 99.9 | 102.5 | 105.0 | 103.5 | 101.9 | 99.5 | 97.0 | 95.8 |
| 42.5° | 88.8 | 88.6 | 90.7 | 92.7 | 96.7 | 100.5 | 97.8 | 95.2 | 92.9 | 90.5 | 90.2 |
| 45° | 83.5 | 83.1 | 84.1 | 85.1 | 89.4 | 93.5 | 90.8 | 88.0 | 86.7 | 85.4 | 85.4 |
| 47.5° | 78.8 | 78.5 | 79.3 | 79.9 | 82.5 | 85.0 | 83.7 | 82.3 | 81.6 | 80.9 | 81.0 |
| 50° | 74.6 | 74.3 | 75.0 | 75.6 | 76.6 | 77.5 | 77.8 | 78.0 | 77.5 | 77.1 | 77.4 |
| 52.5° | 70.6 | 70.6 | 70.9 | 71.1 | 72.4 | 73.7 | 73.7 | 73.6 | 73.6 | 73.6 | 73.9 |
| 55° | 67.3 | 67.6 | 67.6 | 67.6 | 69.6 | 71.5 | 70.9 | 70.3 | 70.5 | 70.5 | 70.8 |
| 57.5° | 63.9 | 64.4 | 64.6 | 64.9 | 67.0 | 69.0 | 68.4 | 67.9 | 67.9 | 67.9 | 68.0 |
| 60° | 60.1 | 60.7 | 61.3 | 61.9 | 63.9 | 66.0 | 65.4 | 64.6 | 64.8 | 64.9 | 65.1 |
| 62.5° | 56.5 | 57.0 | 57.6 | 58.2 | 60.3 | 62.3 | 61.7 | 61.0 | 61.4 | 61.7 | 61.7 |
| 65° | 52.9 | 53.4 | 54.0 | 54.6 | 56.5 | 58.4 | 57.8 | 57.2 | 57.8 | 58.2 | 58.5 |
| 67.5° | 49.0 | 49.3 | 49.9 | 50.5 | 52.4 | 54.3 | 53.7 | 52.9 | 53.7 | 54.3 | 54.8 |
| 70° | 44.5 | 44.8 | 45.5 | 46.1 | 48.0 | 49.9 | 49.1 | 48.4 | 49.1 | 49.9 | 50.5 |
| 72.5° | 39.5 | 39.8 | 40.5 | 41.1 | 43.3 | 45.5 | 44.6 | 43.7 | 44.6 | 45.5 | 45.8 |
| 75° | 34.1 | 34.4 | 35.2 | 36.0 | 38.2 | 40.4 | 39.6 | 38.8 | 39.5 | 40.2 | 40.4 |
| 77.5° | 28.2 | 28.7 | 29.8 | 31.0 | 32.8 | 34.5 | 34.1 | 33.6 | 34.1 | 34.5 | 34.5 |
| 80° | 22.1 | 22.5 | 24.0 | 25.3 | 26.3 | 27.3 | 27.5 | 27.6 | 27.8 | 27.9 | 27.8 |
| 82.5° | 16.4 | 17.0 | 18.3 | 19.6 | 19.6 | 19.6 | 20.8 | 21.8 | 21.8 | 21.6 | 21.5 |
| 85° | 10.1 | 10.8 | 12.0 | 13.2 | 12.4 | 11.7 | 13.6 | 15.4 | 15.4 | 15.2 | 14.9 |
| 87.5° | 2.0 | 2.8 | 3.9 | 5.0 | 4.2 | 3.5 | 5.4 | 7.3 | 7.5 | 7.5 | 7.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P385441
 CATALOG NUMBER: GAW-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P385441
 CATALOG NUMBER: GAW-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 |
| 2.5° | 934.7 | 946.1 | 957.4 | 960.3 | 964.7 | 966.6 | 968.3 | 982.7 | 996.8 | 1013.5 | 1030.2 |
| 5° | 748.7 | 757.1 | 765.6 | 766.9 | 771.5 | 773.8 | 776.2 | 793.6 | 810.8 | 834.1 | 857.3 |
| 7.5° | 564.2 | 566.3 | 568.3 | 568.0 | 571.8 | 577.0 | 581.9 | 600.5 | 618.9 | 643.9 | 668.8 |
| 10° | 427.3 | 432.0 | 436.6 | 440.8 | 449.1 | 458.8 | 468.3 | 487.3 | 506.3 | 531.0 | 555.6 |
| 12.5° | 338.6 | 344.0 | 349.2 | 353.9 | 363.6 | 376.5 | 389.2 | 412.0 | 434.8 | 464.3 | 493.7 |
| 15° | 276.4 | 276.0 | 275.5 | 278.8 | 287.2 | 301.3 | 315.2 | 339.3 | 363.4 | 395.9 | 428.2 |
| 17.5° | 218.1 | 215.9 | 213.7 | 216.2 | 224.1 | 235.6 | 247.0 | 267.5 | 287.8 | 319.3 | 350.7 |
| 20° | 176.4 | 174.9 | 173.5 | 175.8 | 180.8 | 185.6 | 190.4 | 205.2 | 219.8 | 245.4 | 270.9 |
| 22.5° | 155.2 | 155.0 | 154.7 | 156.1 | 158.4 | 160.9 | 163.2 | 170.4 | 177.4 | 193.9 | 210.3 |
| 25° | 142.7 | 142.6 | 142.4 | 143.0 | 144.9 | 146.8 | 148.7 | 153.4 | 158.1 | 166.0 | 173.9 |
| 27.5° | 132.8 | 132.5 | 132.2 | 132.4 | 132.8 | 135.7 | 138.5 | 140.7 | 142.7 | 148.2 | 153.4 |
| 30° | 124.8 | 124.6 | 124.5 | 124.5 | 124.0 | 125.0 | 126.1 | 129.4 | 132.6 | 138.2 | 143.8 |
| 32.5° | 117.9 | 117.1 | 116.4 | 114.8 | 113.8 | 115.2 | 116.7 | 120.2 | 123.7 | 128.8 | 134.0 |
| 35° | 109.2 | 107.3 | 105.3 | 104.4 | 104.6 | 106.0 | 107.5 | 111.0 | 114.4 | 119.9 | 125.3 |
| 37.5° | 99.9 | 99.3 | 98.6 | 98.4 | 98.9 | 100.3 | 101.8 | 104.9 | 107.8 | 113.3 | 118.8 |
| 40° | 94.6 | 94.3 | 94.0 | 93.7 | 94.0 | 95.5 | 97.0 | 99.9 | 102.7 | 108.1 | 113.3 |
| 42.5° | 89.9 | 89.8 | 89.7 | 89.7 | 89.8 | 91.4 | 93.0 | 95.9 | 98.7 | 103.5 | 108.4 |
| 45° | 85.4 | 85.6 | 85.6 | 85.8 | 86.3 | 87.9 | 89.4 | 92.6 | 95.8 | 100.5 | 105.2 |
| 47.5° | 81.2 | 81.6 | 81.9 | 82.6 | 83.1 | 84.8 | 86.4 | 89.9 | 93.5 | 99.3 | 105.0 |
| 50° | 77.5 | 78.0 | 78.2 | 78.8 | 80.0 | 82.0 | 84.1 | 88.3 | 92.4 | 102.2 | 111.9 |
| 52.5° | 74.1 | 74.6 | 75.0 | 75.6 | 77.1 | 79.4 | 81.8 | 87.0 | 92.1 | 103.5 | 115.0 |
| 55° | 71.1 | 71.5 | 71.8 | 72.7 | 74.1 | 76.2 | 78.1 | 84.5 | 91.0 | 99.3 | 107.6 |
| 57.5° | 68.2 | 68.6 | 68.9 | 69.5 | 70.2 | 72.4 | 74.4 | 81.3 | 88.2 | 94.0 | 99.7 |
| 60° | 65.1 | 65.4 | 65.5 | 65.5 | 66.1 | 68.6 | 71.1 | 79.9 | 88.5 | 87.5 | 86.3 |
| 62.5° | 61.7 | 62.0 | 62.2 | 61.7 | 62.4 | 65.1 | 67.7 | 79.1 | 90.5 | 83.5 | 76.5 |
| 65° | 58.6 | 58.5 | 58.4 | 57.9 | 58.8 | 61.4 | 63.9 | 69.6 | 75.3 | 72.5 | 69.8 |
| 67.5° | 55.3 | 54.8 | 54.4 | 53.8 | 54.7 | 57.0 | 59.2 | 61.1 | 63.0 | 63.3 | 63.6 |
| 70° | 51.0 | 50.5 | 49.9 | 49.7 | 50.2 | 52.1 | 54.0 | 55.3 | 56.5 | 57.0 | 57.5 |
| 72.5° | 46.1 | 45.6 | 45.2 | 44.9 | 45.0 | 46.7 | 48.1 | 49.3 | 50.5 | 50.9 | 51.2 |
| 75° | 40.5 | 40.5 | 40.4 | 39.5 | 39.5 | 40.8 | 42.0 | 43.0 | 44.0 | 44.6 | 45.2 |
| 77.5° | 34.5 | 34.7 | 34.7 | 33.5 | 33.3 | 34.7 | 35.8 | 36.7 | 37.4 | 38.0 | 38.5 |
| 80° | 27.6 | 27.3 | 27.1 | 26.3 | 26.0 | 27.6 | 29.1 | 29.8 | 30.4 | 30.6 | 30.6 |
| 82.5° | 21.2 | 20.6 | 19.9 | 18.3 | 18.4 | 20.2 | 21.8 | 22.4 | 23.0 | 23.0 | 23.0 |
| 85° | 14.5 | 13.3 | 12.0 | 10.7 | 10.8 | 12.7 | 14.5 | 15.1 | 15.6 | 15.9 | 16.1 |
| 87.5° | 6.9 | 5.7 | 4.4 | 3.4 | 3.4 | 5.0 | 6.4 | 6.7 | 7.0 | 7.6 | 8.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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 CATALOG NUMBER: GAW-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 |
| 2.5° | 1042.9 | 1055.5 | 1068.5 | 1081.5 | 1096.4 | 1111.4 | 1128.8 | 1146.0 | 1160.8 | 1175.6 | 1187.9 |
| 5° | 877.4 | 897.4 | 920.9 | 944.5 | 974.5 | 1004.5 | 1041.2 | 1077.7 | 1110.3 | 1143.0 | 1180.8 |
| 7.5° | 695.0 | 721.0 | 751.7 | 782.4 | 821.2 | 860.0 | 907.5 | 955.0 | 1001.1 | 1047.0 | 1105.2 |
| 10° | 583.0 | 610.3 | 640.6 | 670.7 | 710.2 | 749.5 | 799.8 | 850.0 | 901.8 | 953.4 | 1019.2 |
| 12.5° | 524.2 | 554.4 | 581.1 | 607.7 | 639.7 | 671.6 | 720.3 | 769.0 | 829.8 | 890.5 | 953.9 |
| 15° | 461.4 | 494.5 | 526.4 | 558.2 | 593.2 | 628.0 | 675.4 | 722.8 | 789.3 | 855.9 | 928.7 |
| 17.5° | 385.5 | 420.3 | 459.2 | 498.0 | 543.6 | 589.1 | 649.8 | 710.5 | 789.3 | 868.0 | 953.9 |
| 20° | 306.4 | 341.9 | 388.4 | 435.0 | 491.7 | 548.3 | 627.0 | 705.7 | 811.8 | 917.9 | 1027.4 |
| 22.5° | 241.8 | 273.1 | 323.8 | 374.4 | 439.9 | 505.4 | 606.4 | 707.1 | 845.9 | 984.6 | 1132.4 |
| 25° | 196.0 | 218.1 | 267.9 | 317.7 | 393.3 | 468.9 | 593.8 | 718.5 | 895.5 | 1072.3 | 1255.7 |
| 27.5° | 167.9 | 182.4 | 228.9 | 275.2 | 357.9 | 440.4 | 588.7 | 736.8 | 958.4 | 1180.0 | 1389.8 |
| 30° | 153.9 | 163.9 | 203.3 | 242.5 | 326.4 | 410.4 | 582.5 | 754.7 | 1018.9 | 1283.1 | 1494.7 |
| 32.5° | 142.2 | 150.2 | 183.8 | 217.3 | 299.2 | 381.1 | 570.7 | 760.1 | 1061.2 | 1362.3 | 1583.5 |
| 35° | 132.2 | 138.9 | 168.2 | 197.4 | 277.9 | 358.3 | 550.8 | 743.2 | 1087.7 | 1432.1 | 1675.9 |
| 37.5° | 124.2 | 129.4 | 156.5 | 183.5 | 259.4 | 335.4 | 528.1 | 720.9 | 1111.2 | 1501.6 | 1779.9 |
| 40° | 117.9 | 122.4 | 147.7 | 173.0 | 241.9 | 310.8 | 508.7 | 706.4 | 1143.7 | 1581.0 | 1889.7 |
| 42.5° | 114.4 | 120.2 | 140.1 | 159.9 | 225.2 | 290.6 | 493.0 | 695.4 | 1173.8 | 1652.1 | 1985.8 |
| 45° | 113.5 | 121.8 | 136.2 | 150.5 | 212.8 | 275.1 | 479.1 | 683.0 | 1193.3 | 1703.5 | 2058.2 |
| 47.5° | 112.0 | 118.9 | 133.1 | 147.3 | 206.7 | 265.9 | 471.7 | 677.3 | 1212.7 | 1748.0 | 2118.3 |
| 50° | 112.9 | 113.8 | 130.6 | 147.3 | 205.8 | 264.3 | 480.1 | 696.0 | 1254.8 | 1813.5 | 2187.0 |
| 52.5° | 111.3 | 107.5 | 125.9 | 144.4 | 205.6 | 266.9 | 504.6 | 742.2 | 1333.1 | 1923.8 | 2261.5 |
| 55° | 102.8 | 97.8 | 117.1 | 136.5 | 202.6 | 268.5 | 533.7 | 798.7 | 1438.1 | 2077.4 | 2395.3 |
| 57.5° | 95.4 | 90.8 | 107.2 | 123.4 | 193.2 | 263.0 | 563.7 | 864.2 | 1549.1 | 2233.8 | 2546.1 |
| 60° | 85.4 | 84.4 | 96.1 | 107.8 | 178.7 | 249.5 | 588.4 | 927.1 | 1623.7 | 2320.1 | 2604.2 |
| 62.5° | 77.2 | 77.8 | 86.4 | 95.1 | 160.6 | 226.0 | 596.6 | 967.0 | 1621.6 | 2276.3 | 2545.7 |
| 65° | 70.9 | 72.0 | 80.4 | 88.9 | 145.1 | 201.2 | 569.6 | 937.9 | 1539.6 | 2141.1 | 2430.0 |
| 67.5° | 64.8 | 66.0 | 76.1 | 86.0 | 131.3 | 176.5 | 502.4 | 828.1 | 1392.0 | 1955.8 | 2282.8 |
| 70° | 58.9 | 60.4 | 71.4 | 82.3 | 121.4 | 160.3 | 415.6 | 671.0 | 1207.3 | 1743.5 | 2112.5 |
| 72.5° | 52.7 | 54.1 | 65.8 | 77.5 | 115.1 | 152.5 | 338.9 | 525.0 | 979.7 | 1434.3 | 1806.9 |
| 75° | 46.2 | 47.2 | 60.0 | 72.5 | 106.5 | 140.4 | 265.9 | 391.2 | 749.8 | 1108.4 | 1364.8 |
| 77.5° | 39.8 | 41.1 | 51.8 | 62.3 | 90.4 | 118.3 | 200.4 | 282.4 | 550.2 | 817.8 | 949.2 |
| 80° | 31.7 | 32.9 | 40.5 | 48.0 | 69.8 | 91.4 | 137.8 | 184.1 | 378.6 | 573.2 | 647.2 |
| 82.5° | 24.3 | 25.6 | 30.7 | 35.7 | 49.7 | 63.8 | 83.5 | 103.3 | 251.6 | 399.7 | 405.8 |
| 85° | 16.7 | 17.1 | 20.8 | 24.3 | 30.7 | 37.1 | 47.8 | 58.5 | 166.4 | 274.4 | 228.6 |
| 87.5° | 8.3 | 8.3 | 10.8 | 13.3 | 16.5 | 19.7 | 25.3 | 30.7 | 53.2 | 75.8 | 43.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P385441
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CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 |
| 2.5° | 1203.5 | 1214.2 | 1225.0 | 1233.2 | 1241.5 | 1253.5 | 1265.5 | 1267.7 | 1270.0 | 1265.4 | 1260.7 |
| 5° | 1219.0 | 1251.3 | 1283.8 | 1313.8 | 1343.8 | 1361.7 | 1379.7 | 1383.4 | 1387.0 | 1375.8 | 1364.4 |
| 7.5° | 1161.5 | 1217.8 | 1274.1 | 1325.8 | 1377.4 | 1408.7 | 1440.1 | 1447.2 | 1454.3 | 1435.9 | 1417.5 |
| 10° | 1084.7 | 1153.9 | 1223.1 | 1291.1 | 1359.1 | 1404.6 | 1450.1 | 1459.1 | 1468.2 | 1445.3 | 1422.3 |
| 12.5° | 1025.4 | 1099.2 | 1173.1 | 1244.7 | 1316.6 | 1363.6 | 1410.7 | 1422.0 | 1433.3 | 1416.6 | 1399.8 |
| 15° | 1007.1 | 1076.6 | 1146.0 | 1208.5 | 1271.1 | 1309.5 | 1348.1 | 1352.7 | 1357.4 | 1354.7 | 1352.1 |
| 17.5° | 1040.3 | 1103.0 | 1165.9 | 1199.8 | 1233.9 | 1249.3 | 1264.8 | 1269.8 | 1274.9 | 1281.5 | 1288.2 |
| 20° | 1120.7 | 1164.9 | 1209.2 | 1207.7 | 1206.1 | 1198.7 | 1191.1 | 1189.8 | 1188.4 | 1207.3 | 1226.3 |
| 22.5° | 1240.8 | 1258.3 | 1276.0 | 1234.9 | 1193.8 | 1168.8 | 1143.7 | 1138.7 | 1133.6 | 1153.6 | 1173.8 |
| 25° | 1371.1 | 1367.9 | 1364.5 | 1286.3 | 1207.9 | 1160.2 | 1112.5 | 1107.0 | 1101.4 | 1118.5 | 1135.8 |
| 27.5° | 1500.1 | 1479.0 | 1458.0 | 1351.7 | 1245.3 | 1176.2 | 1107.0 | 1101.4 | 1095.9 | 1111.1 | 1126.3 |
| 30° | 1594.7 | 1560.9 | 1527.2 | 1406.8 | 1286.4 | 1204.2 | 1122.0 | 1113.0 | 1103.8 | 1122.5 | 1141.2 |
| 32.5° | 1668.6 | 1623.2 | 1577.9 | 1451.5 | 1325.2 | 1236.3 | 1147.3 | 1133.2 | 1119.0 | 1144.0 | 1169.0 |
| 35° | 1742.3 | 1678.5 | 1614.6 | 1491.5 | 1368.2 | 1274.1 | 1180.0 | 1162.6 | 1145.1 | 1179.5 | 1213.9 |
| 37.5° | 1835.0 | 1743.5 | 1651.8 | 1536.4 | 1421.0 | 1330.9 | 1240.6 | 1222.8 | 1205.0 | 1248.7 | 1292.6 |
| 40° | 1935.6 | 1813.5 | 1691.4 | 1585.5 | 1479.6 | 1409.4 | 1339.1 | 1322.1 | 1305.0 | 1358.2 | 1411.5 |
| 42.5° | 2019.3 | 1878.7 | 1738.2 | 1644.7 | 1551.1 | 1501.7 | 1452.1 | 1452.0 | 1451.7 | 1505.7 | 1559.6 |
| 45° | 2087.3 | 1933.1 | 1778.9 | 1702.5 | 1626.0 | 1600.3 | 1574.5 | 1595.2 | 1615.8 | 1664.5 | 1713.3 |
| 47.5° | 2138.0 | 1978.8 | 1819.4 | 1768.6 | 1717.9 | 1721.7 | 1725.5 | 1767.4 | 1809.4 | 1840.7 | 1872.2 |
| 50° | 2171.1 | 2020.2 | 1869.1 | 1853.4 | 1837.8 | 1871.9 | 1906.1 | 1954.2 | 2002.5 | 2023.8 | 2045.2 |
| 52.5° | 2219.2 | 2076.3 | 1933.3 | 1950.8 | 1968.4 | 2038.0 | 2107.6 | 2156.3 | 2205.0 | 2212.9 | 2221.0 |
| 55° | 2330.5 | 2179.6 | 2028.5 | 2062.1 | 2095.9 | 2198.0 | 2300.2 | 2338.3 | 2376.3 | 2379.2 | 2382.1 |
| 57.5° | 2488.6 | 2324.2 | 2159.8 | 2196.1 | 2232.4 | 2350.3 | 2468.3 | 2509.2 | 2550.3 | 2544.6 | 2538.8 |
| 60° | 2606.9 | 2461.6 | 2316.0 | 2352.6 | 2389.2 | 2504.1 | 2619.1 | 2666.2 | 2713.4 | 2700.8 | 2688.2 |
| 62.5° | 2614.2 | 2536.6 | 2458.8 | 2491.8 | 2525.0 | 2637.6 | 2750.3 | 2798.7 | 2847.1 | 2825.1 | 2803.2 |
| 65° | 2498.0 | 2532.8 | 2567.6 | 2578.6 | 2589.5 | 2694.5 | 2799.7 | 2836.7 | 2873.8 | 2862.7 | 2851.6 |
| 67.5° | 2337.8 | 2466.1 | 2594.5 | 2572.4 | 2550.3 | 2599.6 | 2648.9 | 2687.1 | 2725.2 | 2719.0 | 2712.5 |
| 70° | 2178.0 | 2349.2 | 2520.5 | 2412.0 | 2303.3 | 2283.0 | 2262.7 | 2303.8 | 2345.0 | 2319.5 | 2294.0 |
| 72.5° | 1905.8 | 2088.3 | 2271.0 | 2071.1 | 1871.1 | 1801.7 | 1732.2 | 1784.4 | 1836.6 | 1796.1 | 1755.5 |
| 75° | 1496.0 | 1697.7 | 1899.5 | 1661.0 | 1422.4 | 1329.7 | 1237.0 | 1281.9 | 1326.8 | 1299.0 | 1271.1 |
| 77.5° | 1113.7 | 1312.5 | 1511.2 | 1268.7 | 1026.1 | 957.2 | 888.2 | 901.5 | 914.9 | 910.3 | 905.4 |
| 80° | 755.4 | 893.9 | 1032.5 | 871.1 | 709.6 | 714.9 | 720.3 | 714.0 | 707.6 | 716.9 | 726.3 |
| 82.5° | 482.0 | 589.0 | 696.0 | 610.3 | 524.6 | 573.7 | 622.9 | 598.8 | 574.5 | 583.4 | 592.5 |
| 85° | 275.1 | 379.7 | 484.4 | 451.5 | 418.4 | 447.1 | 475.9 | 438.5 | 401.0 | 417.4 | 433.9 |
| 87.5° | 72.5 | 210.0 | 347.6 | 315.6 | 283.6 | 246.4 | 209.3 | 159.7 | 110.1 | 160.9 | 211.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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 CATALOG NUMBER: GAW-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|------|------|------|------|------|------|------|------|------|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P385441

CATALOG NUMBER: GAW-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 | 1114.4 |
| 2.5° | 1258.2 | 1255.7 | 1246.8 | 1237.7 | 1224.3 | 1213.2 | 1193.8 |
| 5° | 1348.6 | 1332.8 | 1305.6 | 1278.2 | 1247.8 | 1212.9 | 1174.1 |
| 7.5° | 1380.6 | 1343.6 | 1291.4 | 1239.0 | 1191.9 | 1136.7 | 1085.2 |
| 10° | 1367.0 | 1311.6 | 1243.7 | 1175.7 | 1118.5 | 1054.9 | 997.7 |
| 12.5° | 1341.0 | 1282.0 | 1207.3 | 1132.4 | 1067.3 | 999.0 | 935.0 |
| 15° | 1305.1 | 1258.1 | 1188.0 | 1117.9 | 1052.4 | 986.0 | 910.1 |
| 17.5° | 1266.0 | 1243.6 | 1193.0 | 1142.2 | 1085.5 | 1021.1 | 932.1 |
| 20° | 1234.4 | 1242.6 | 1222.4 | 1202.2 | 1156.7 | 1100.5 | 1000.5 |
| 22.5° | 1213.0 | 1252.4 | 1267.9 | 1283.5 | 1256.2 | 1212.3 | 1096.6 |
| 25° | 1201.0 | 1266.2 | 1318.2 | 1370.2 | 1358.1 | 1324.3 | 1213.3 |
| 27.5° | 1206.3 | 1286.3 | 1366.9 | 1447.6 | 1458.9 | 1449.5 | 1336.3 |
| 30° | 1222.1 | 1303.1 | 1401.2 | 1499.5 | 1544.4 | 1557.0 | 1438.8 |
| 32.5° | 1248.4 | 1327.8 | 1434.7 | 1541.8 | 1609.6 | 1649.7 | 1532.6 |
| 35° | 1288.2 | 1362.5 | 1473.9 | 1585.4 | 1673.1 | 1746.2 | 1629.4 |
| 37.5° | 1356.5 | 1420.4 | 1523.2 | 1626.2 | 1740.0 | 1849.8 | 1736.0 |
| 40° | 1456.5 | 1501.7 | 1588.6 | 1675.6 | 1818.8 | 1967.1 | 1854.9 |
| 42.5° | 1582.7 | 1606.0 | 1674.9 | 1743.8 | 1901.1 | 2073.6 | 1971.2 |
| 45° | 1719.5 | 1725.6 | 1768.9 | 1812.3 | 1966.3 | 2146.1 | 2058.5 |
| 47.5° | 1851.1 | 1830.0 | 1847.3 | 1864.6 | 2016.4 | 2197.9 | 2124.7 |
| 50° | 1986.5 | 1927.9 | 1918.8 | 1909.7 | 2066.4 | 2258.9 | 2209.0 |
| 52.5° | 2124.3 | 2027.6 | 1991.8 | 1955.8 | 2126.1 | 2339.7 | 2313.8 |
| 55° | 2259.1 | 2136.1 | 2087.9 | 2039.6 | 2217.3 | 2438.4 | 2467.8 |
| 57.5° | 2399.4 | 2260.0 | 2215.3 | 2170.5 | 2351.4 | 2563.5 | 2606.1 |
| 60° | 2550.3 | 2412.3 | 2376.4 | 2340.5 | 2518.2 | 2698.6 | 2667.6 |
| 62.5° | 2693.5 | 2583.8 | 2565.0 | 2545.9 | 2686.8 | 2802.5 | 2643.6 |
| 65° | 2789.2 | 2726.6 | 2744.1 | 2761.8 | 2814.3 | 2828.4 | 2573.4 |
| 67.5° | 2725.2 | 2738.0 | 2812.1 | 2886.4 | 2850.3 | 2751.4 | 2435.1 |
| 70° | 2370.1 | 2446.5 | 2622.1 | 2797.9 | 2717.8 | 2545.4 | 2186.7 |
| 72.5° | 1841.2 | 1927.0 | 2187.8 | 2448.7 | 2374.8 | 2163.6 | 1796.1 |
| 75° | 1367.9 | 1464.9 | 1752.7 | 2040.5 | 1938.0 | 1618.4 | 1286.0 |
| 77.5° | 970.4 | 1035.3 | 1319.5 | 1603.8 | 1436.6 | 1077.3 | 865.4 |
| 80° | 706.4 | 686.5 | 844.9 | 1003.3 | 975.5 | 712.5 | 555.8 |
| 82.5° | 543.9 | 495.4 | 569.9 | 644.5 | 640.4 | 494.5 | 407.7 |
| 85° | 414.5 | 395.0 | 461.0 | 526.9 | 470.5 | 334.9 | 259.2 |
| 87.5° | 241.6 | 271.7 | 349.4 | 427.2 | 320.6 | 101.6 | 50.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P385441
 CATALOG NUMBER: GAW-SA1A-727-U-SLR

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|------|------|------|------|------|------|------|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)