

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: INVUE

Report Number: P367096

Luminaire Tested: **MSA-SA1D-760-U-SLR**

Issue Date: 12/2/2019

**Test Information**

Test Method: LM-79-08  
Report Number: P367096  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1910-543-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 12/2/2019  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: INVUE  
Catalog Number: MSA-SA1D-760-U-SLR  
Description: MESA POST TOP DECORATIVE LUMINAIRE. (1) LIGHTSQUARES WITH 16 LEDS  
EACH AND SPILL LIGHT ELIMINATOR RIGHT OPTICS.  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

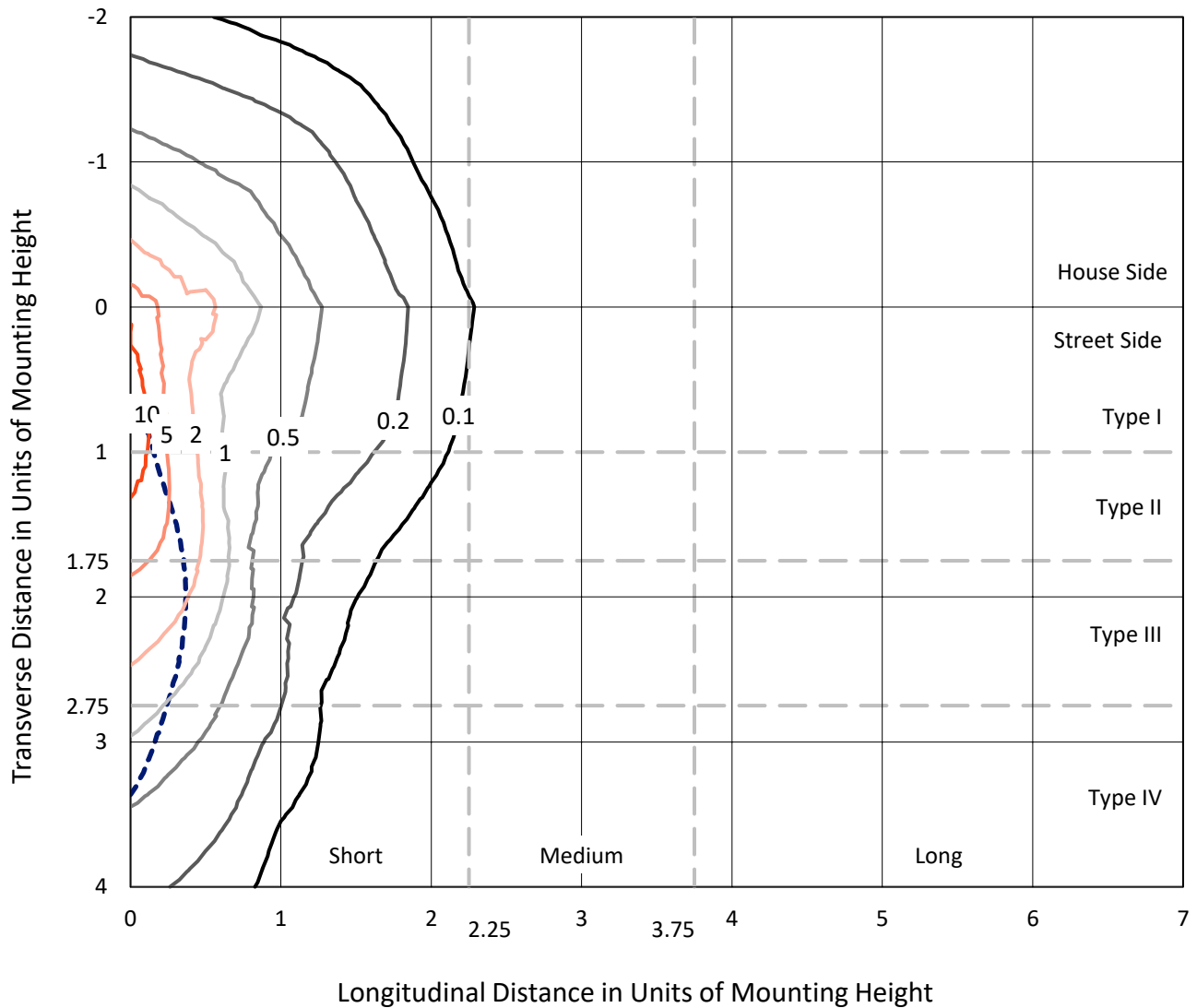
Lumens per Lamp: N/A  
Luminaire Lumens: 5874 lumens  
Efficiency: N/A  
Efficacy: 87.7 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G2  
  
Input Watts (W): 67  
Input Voltage (V): NR  
Input Current (Ain): NR  
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: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

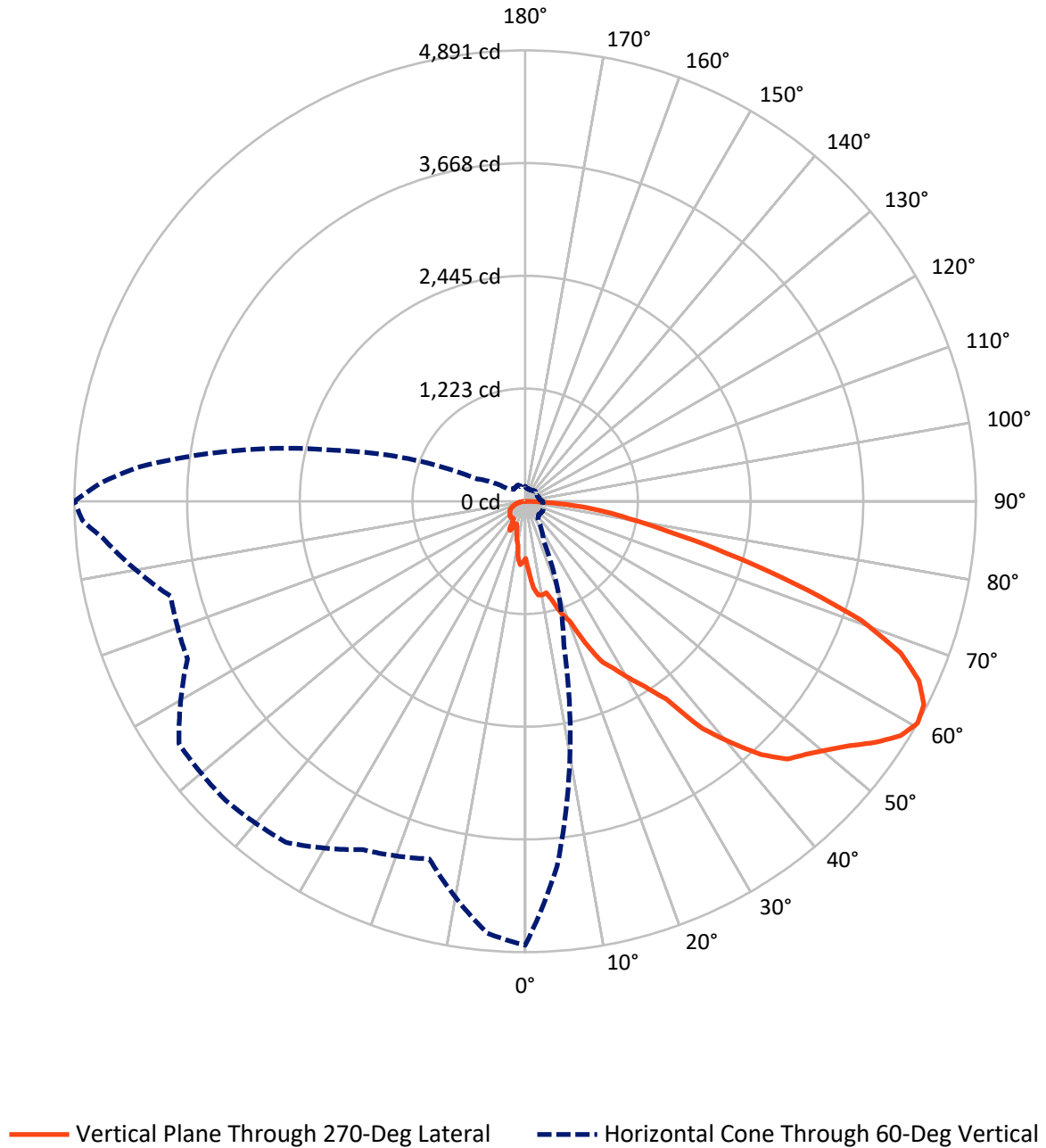
× Max cd  
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 15.6 fc  
 Type IV - Short - N/A

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### Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 1137.7   | 0.0    | 1137.7 |
|                    | % Fixture | 19.4     | 0.0    | 19.4   |
| <b>Street Side</b> | Lumens    | 4736.3   | 0.0    | 4736.3 |
|                    | % Fixture | 80.6     | 0.0    | 80.6   |
| <b>Total</b>       | Lumens    | 5874.0   | 0.0    | 5874.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 71.0   | 1.2       |
| 10°-20°   | 206.4  | 3.5       |
| 20°-30°   | 364.4  | 6.2       |
| 30°-40°   | 567.5  | 9.7       |
| 40°-50°   | 934.2  | 15.9      |
| 50°-60°   | 1333.5 | 22.7      |
| 60°-70°   | 1414.0 | 24.1      |
| 70°-80°   | 781.0  | 13.3      |
| 80°-90°   | 202.1  | 3.4       |
| 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°    | 5874.0 | 100.0     |
| 0°-180°   | 5874.0 | 100.0     |

**Coefficient of Utilization**



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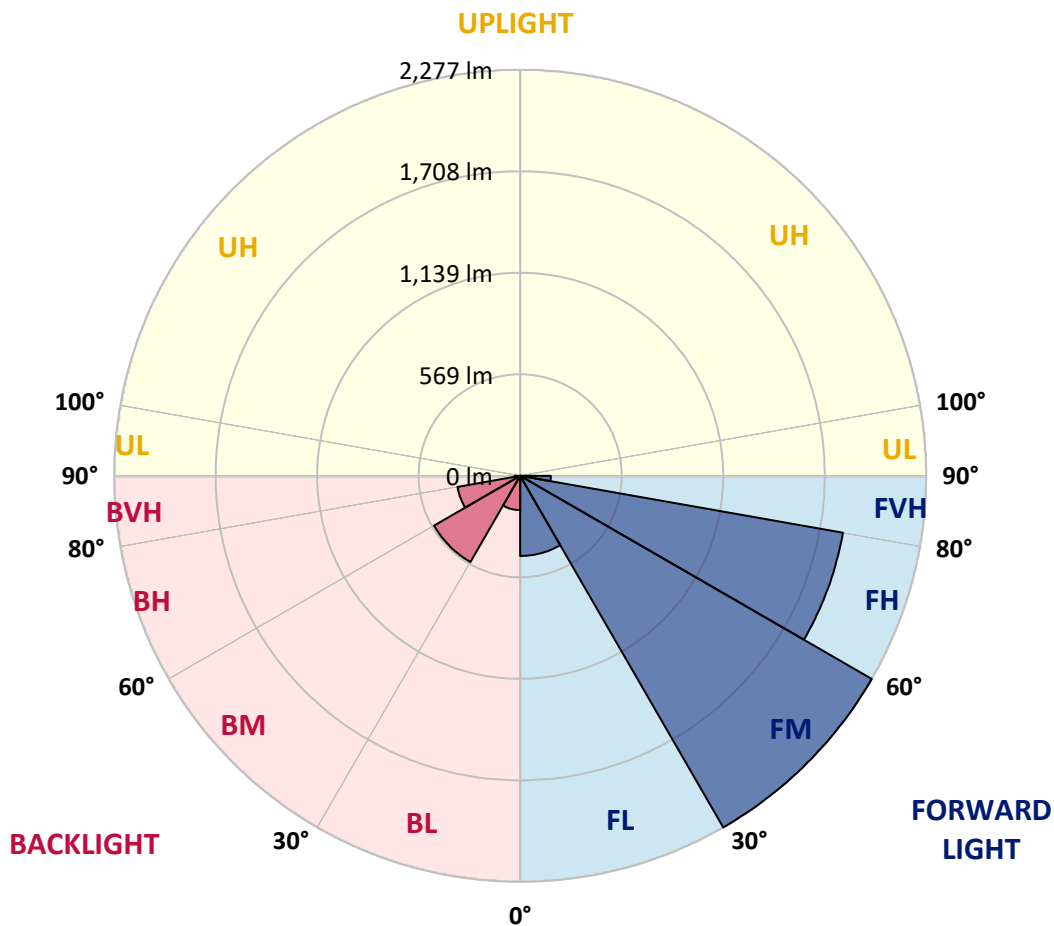
CATALOG NUMBER: MSA-SA1D-760-U-SLR

**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 449.5  | 7.7       |                         |      |         |
| FM (30°-60°)   | 2277.1 | 38.8      |                         |      |         |
| FH (60°-80°)   | 1838.0 | 31.3      |                         |      | G2/5000 |
| FVH (80°-90°)  | 171.7  | 2.9       |                         |      | G2/225  |
| BL (0°-30°)    | 192.3  | 3.3       | B1/500                  |      |         |
| BM (30°-60°)   | 558.1  | 9.5       | B1/1000                 |      |         |
| BH (60°-80°)   | 357.0  | 6.1       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 30.3   | 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 Short





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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 2.5°   | 5°     | 7.5°   | 10°    | 12.5°  | 15°    | 17.5°  | 20°    | 22.5° | 25°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| 0°     | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6 | 619.6 |
| 2.5°   | 829.7  | 834.8  | 839.7  | 830.0  | 820.3  | 810.3  | 800.6  | 786.1  | 771.2  | 756.7 | 741.9 |
| 5°     | 996.5  | 977.7  | 958.6  | 950.9  | 943.4  | 935.7  | 928.0  | 920.9  | 913.8  | 906.4 | 899.3 |
| 7.5°   | 1048.7 | 1021.9 | 994.8  | 983.4  | 972.0  | 960.3  | 948.9  | 923.2  | 897.5  | 871.6 | 845.9 |
| 10°    | 991.3  | 963.4  | 935.2  | 924.1  | 912.7  | 901.5  | 890.1  | 858.8  | 827.7  | 796.3 | 765.0 |
| 12.5°  | 1037.5 | 1009.0 | 980.2  | 944.9  | 909.5  | 873.9  | 838.5  | 821.1  | 803.7  | 786.1 | 768.7 |
| 15°    | 1082.0 | 1043.5 | 1004.7 | 969.4  | 934.0  | 898.4  | 863.0  | 828.3  | 793.5  | 758.7 | 723.9 |
| 17.5°  | 1244.5 | 1180.4 | 1116.2 | 1052.4 | 988.2  | 924.3  | 860.2  | 820.0  | 779.5  | 739.3 | 698.8 |
| 20°    | 1442.7 | 1353.4 | 1263.9 | 1167.0 | 1069.7 | 972.8  | 875.6  | 824.8  | 774.4  | 723.6 | 672.9 |
| 22.5°  | 1678.5 | 1565.8 | 1453.2 | 1330.9 | 1208.6 | 1086.0 | 963.7  | 890.1  | 816.6  | 742.7 | 669.2 |
| 25°    | 1865.8 | 1757.4 | 1649.1 | 1494.0 | 1338.9 | 1183.8 | 1028.7 | 945.2  | 861.6  | 777.8 | 694.3 |
| 27.5°  | 2047.7 | 1875.2 | 1702.4 | 1524.8 | 1347.5 | 1169.8 | 992.2  | 914.9  | 837.7  | 760.4 | 683.1 |
| 30°    | 2201.4 | 2064.5 | 1927.7 | 1695.9 | 1464.1 | 1232.0 | 1000.2 | 905.2  | 810.3  | 715.4 | 620.4 |
| 32.5°  | 2426.3 | 2231.0 | 2035.4 | 1793.7 | 1551.9 | 1310.1 | 1068.3 | 946.9  | 825.4  | 703.9 | 582.5 |
| 35°    | 2689.5 | 2486.5 | 2283.5 | 1984.4 | 1685.6 | 1386.5 | 1087.4 | 958.8  | 830.0  | 701.4 | 572.5 |
| 37.5°  | 3180.2 | 2822.3 | 2464.2 | 2137.8 | 1811.3 | 1484.6 | 1158.1 | 1008.7 | 859.3  | 709.7 | 560.3 |
| 40°    | 3450.7 | 3120.0 | 2789.3 | 2382.4 | 1975.6 | 1568.4 | 1161.6 | 1008.7 | 855.6  | 702.8 | 549.7 |
| 42.5°  | 3811.4 | 3393.1 | 2974.6 | 2534.7 | 2095.0 | 1655.1 | 1215.2 | 1045.8 | 876.4  | 706.8 | 537.4 |
| 45°    | 4031.2 | 3565.1 | 3098.6 | 2628.5 | 2158.3 | 1688.2 | 1218.0 | 1046.1 | 874.2  | 702.2 | 530.3 |
| 47.5°  | 4172.9 | 3725.3 | 3277.4 | 2771.3 | 2265.2 | 1758.9 | 1252.8 | 1070.3 | 887.6  | 705.1 | 522.3 |
| 50°    | 4307.2 | 3863.9 | 3420.2 | 2894.8 | 2369.6 | 1844.1 | 1318.7 | 1119.4 | 920.1  | 720.5 | 521.2 |
| 52.5°  | 4472.0 | 4063.7 | 3655.2 | 3091.5 | 2527.5 | 1963.9 | 1399.9 | 1182.9 | 966.0  | 749.0 | 532.0 |
| 55°    | 4711.8 | 4309.5 | 3906.9 | 3301.9 | 2696.6 | 2091.6 | 1486.3 | 1245.4 | 1004.7 | 763.8 | 522.9 |
| 57.5°  | 4867.2 | 4459.2 | 4051.2 | 3434.2 | 2817.2 | 2199.9 | 1583.0 | 1316.1 | 1049.2 | 782.1 | 515.2 |
| 60°    | 4815.6 | 4394.8 | 3973.6 | 3385.4 | 2797.3 | 2209.1 | 1620.9 | 1332.6 | 1044.7 | 756.4 | 468.2 |
| 62.5°  | 4587.5 | 4140.1 | 3692.8 | 3165.9 | 2639.3 | 2112.4 | 1585.5 | 1292.4 | 999.6  | 706.5 | 413.4 |
| 65°    | 4268.7 | 3806.3 | 3343.5 | 2868.3 | 2393.0 | 1917.7 | 1442.4 | 1176.4 | 910.1  | 644.1 | 377.8 |
| 67.5°  | 3877.6 | 3395.4 | 2913.0 | 2492.2 | 2071.4 | 1650.2 | 1229.4 | 1007.0 | 784.9  | 562.5 | 340.1 |
| 70°    | 3386.9 | 2913.0 | 2439.2 | 2075.1 | 1711.0 | 1346.9 | 982.8  | 815.4  | 648.4  | 481.0 | 313.6 |
| 72.5°  | 2722.3 | 2313.4 | 1904.6 | 1618.0 | 1331.5 | 1044.9 | 758.4  | 642.1  | 526.0  | 409.7 | 293.4 |
| 75°    | 1936.2 | 1695.9 | 1455.5 | 1232.6 | 1009.6 | 786.3  | 563.4  | 488.1  | 412.8  | 337.6 | 262.3 |
| 77.5°  | 1376.0 | 1234.3 | 1092.6 | 917.8  | 743.0  | 568.2  | 393.5  | 349.3  | 305.4  | 261.2 | 217.0 |
| 80°    | 1017.3 | 899.0  | 780.6  | 648.9  | 517.2  | 385.5  | 253.8  | 232.1  | 210.7  | 189.0 | 167.4 |
| 82.5°  | 669.7  | 616.4  | 562.8  | 458.5  | 354.1  | 249.8  | 145.4  | 137.4  | 129.4  | 121.5 | 113.5 |
| 85°    | 299.9  | 316.8  | 333.3  | 269.4  | 205.3  | 141.4  | 77.3   | 73.6   | 69.9   | 66.1  | 62.4  |
| 87.5°  | 28.8   | 42.5   | 56.2   | 48.2   | 39.9   | 31.9   | 23.7   | 23.4   | 23.4   | 23.1  | 22.8  |
| 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°  | 2.5° | 5°  | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|--------|-----|------|-----|------|-----|-------|-----|-------|-----|-------|-----|
| 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):**

|        | 27.5° | 30°   | 32.5° | 35°   | 37.5° | 40°   | 42.5° | 45°   | 47.5° | 50°   | 52.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 |
| 2.5°   | 745.9 | 749.9 | 753.8 | 757.8 | 753.6 | 749.3 | 744.7 | 740.4 | 735.0 | 729.6 | 723.9 |
| 5°     | 887.3 | 875.0 | 863.0 | 850.8 | 832.5 | 814.3 | 795.8 | 777.5 | 775.2 | 772.7 | 770.4 |
| 7.5°   | 823.4 | 801.2 | 778.6 | 756.1 | 727.6 | 699.4 | 670.9 | 642.4 | 633.8 | 625.3 | 616.7 |
| 10°    | 749.9 | 734.5 | 719.3 | 703.9 | 686.3 | 668.6 | 650.6 | 633.0 | 609.6 | 585.9 | 562.5 |
| 12.5°  | 743.6 | 718.5 | 693.1 | 668.0 | 657.2 | 646.4 | 635.5 | 624.7 | 604.2 | 583.6 | 562.8 |
| 15°    | 703.7 | 683.1 | 662.9 | 642.4 | 626.7 | 611.0 | 595.3 | 579.6 | 563.1 | 546.3 | 529.7 |
| 17.5°  | 675.4 | 652.1 | 628.7 | 605.3 | 587.3 | 569.4 | 551.1 | 533.2 | 513.2 | 493.0 | 473.0 |
| 20°    | 646.1 | 619.6 | 592.8 | 566.0 | 543.1 | 520.6 | 497.8 | 475.0 | 453.0 | 431.4 | 409.4 |
| 22.5°  | 634.1 | 599.0 | 564.0 | 528.9 | 504.9 | 480.7 | 456.8 | 432.5 | 412.3 | 392.0 | 371.8 |
| 25°    | 652.3 | 610.7 | 568.8 | 526.9 | 494.7 | 462.2 | 430.0 | 397.4 | 380.6 | 363.8 | 346.7 |
| 27.5°  | 631.0 | 578.5 | 526.3 | 473.9 | 439.4 | 404.6 | 370.1 | 335.3 | 332.7 | 330.2 | 327.3 |
| 30°    | 565.4 | 510.4 | 455.3 | 400.3 | 368.7 | 336.7 | 305.1 | 273.1 | 267.2 | 260.9 | 254.9 |
| 32.5°  | 526.3 | 470.2 | 414.0 | 357.8 | 329.6 | 301.1 | 272.9 | 244.3 | 237.5 | 230.7 | 223.8 |
| 35°    | 511.5 | 450.5 | 389.5 | 328.5 | 304.2 | 280.0 | 255.7 | 231.5 | 226.7 | 222.1 | 217.3 |
| 37.5°  | 499.5 | 439.1 | 378.3 | 317.6 | 294.2 | 270.9 | 247.2 | 223.8 | 220.1 | 216.4 | 212.7 |
| 40°    | 488.1 | 426.8 | 365.2 | 303.6 | 282.8 | 262.3 | 241.5 | 220.7 | 218.4 | 216.1 | 213.6 |
| 42.5°  | 477.9 | 418.3 | 358.4 | 298.8 | 280.3 | 262.0 | 243.5 | 225.0 | 222.7 | 220.4 | 218.1 |
| 45°    | 472.1 | 414.0 | 355.8 | 297.7 | 284.3 | 270.9 | 257.2 | 243.8 | 238.4 | 232.9 | 227.2 |
| 47.5°  | 467.9 | 413.4 | 359.0 | 304.5 | 290.5 | 276.6 | 262.6 | 248.6 | 243.8 | 238.9 | 233.8 |
| 50°    | 468.7 | 416.6 | 364.1 | 311.6 | 294.8 | 277.7 | 260.9 | 243.8 | 243.2 | 242.6 | 242.1 |
| 52.5°  | 476.4 | 421.1 | 365.5 | 309.9 | 291.7 | 273.4 | 254.9 | 236.6 | 240.4 | 243.8 | 247.5 |
| 55°    | 465.3 | 407.7 | 349.8 | 292.2 | 274.9 | 257.7 | 240.4 | 223.0 | 227.8 | 232.4 | 237.2 |
| 57.5°  | 452.8 | 390.3 | 327.9 | 265.4 | 252.3 | 239.2 | 225.8 | 212.7 | 217.8 | 223.2 | 228.4 |
| 60°    | 411.1 | 354.1 | 297.1 | 240.1 | 231.2 | 222.4 | 213.6 | 204.7 | 207.0 | 209.3 | 211.6 |
| 62.5°  | 365.5 | 317.3 | 269.4 | 221.2 | 214.4 | 207.3 | 200.4 | 193.3 | 193.3 | 193.6 | 193.6 |
| 65°    | 336.4 | 295.1 | 253.8 | 212.4 | 204.7 | 197.0 | 189.0 | 181.3 | 180.2 | 179.1 | 177.9 |
| 67.5°  | 307.4 | 274.9 | 242.1 | 209.3 | 198.2 | 187.3 | 176.2 | 165.1 | 163.7 | 162.5 | 161.1 |
| 70°    | 284.5 | 255.5 | 226.4 | 197.3 | 184.8 | 172.5 | 159.9 | 147.4 | 146.3 | 145.4 | 144.3 |
| 72.5°  | 266.0 | 238.9 | 211.6 | 184.2 | 171.1 | 157.7 | 144.6 | 131.2 | 130.3 | 129.4 | 128.3 |
| 75°    | 238.1 | 214.1 | 189.9 | 165.7 | 152.8 | 140.3 | 127.4 | 114.6 | 113.5 | 112.6 | 111.5 |
| 77.5°  | 197.0 | 176.8 | 156.8 | 136.6 | 126.6 | 116.9 | 106.9 | 96.9  | 96.4  | 95.8  | 94.9  |
| 80°    | 151.7 | 136.0 | 120.0 | 104.4 | 97.8  | 91.0  | 84.4  | 77.6  | 77.3  | 77.0  | 76.4  |
| 82.5°  | 104.1 | 94.7  | 85.2  | 75.8  | 71.0  | 65.9  | 61.0  | 55.9  | 56.2  | 56.5  | 56.7  |
| 85°    | 59.3  | 55.9  | 52.7  | 49.3  | 45.3  | 41.6  | 37.6  | 33.6  | 34.5  | 35.4  | 35.9  |
| 87.5°  | 21.7  | 20.5  | 19.4  | 18.2  | 16.3  | 14.5  | 12.5  | 10.5  | 11.1  | 12.0  | 12.5  |
| 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):**

|        | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|--------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| 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°   | 57.5° | 60°   | 62.5° | 65°   | 67.5° | 70°   | 72.5° | 75°   | 77.5° | 80°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 |
| 2.5°   | 718.5 | 709.9 | 701.4 | 692.8 | 684.3 | 666.6 | 649.2 | 631.5 | 613.9 | 624.7 | 635.8 |
| 5°     | 767.8 | 753.3 | 738.4 | 723.9 | 709.1 | 700.8 | 692.5 | 684.3 | 676.0 | 680.3 | 684.8 |
| 7.5°   | 608.1 | 599.6 | 590.8 | 582.2 | 573.4 | 569.7 | 566.2 | 562.5 | 558.8 | 569.4 | 579.9 |
| 10°    | 538.9 | 526.9 | 514.9 | 502.7 | 490.7 | 483.6 | 476.4 | 469.3 | 462.2 | 465.0 | 467.9 |
| 12.5°  | 542.3 | 524.6 | 506.9 | 489.3 | 471.6 | 461.0 | 450.5 | 439.9 | 429.4 | 431.9 | 434.5 |
| 15°    | 512.9 | 494.7 | 476.4 | 458.2 | 439.9 | 427.7 | 415.1 | 402.9 | 390.3 | 386.0 | 381.5 |
| 17.5°  | 452.8 | 432.8 | 412.8 | 392.9 | 372.9 | 364.7 | 356.4 | 348.1 | 339.9 | 335.3 | 330.7 |
| 20°    | 387.5 | 368.9 | 350.4 | 331.9 | 313.3 | 307.6 | 301.9 | 295.9 | 290.2 | 287.4 | 284.3 |
| 22.5°  | 351.5 | 340.1 | 328.5 | 317.0 | 305.4 | 298.8 | 292.5 | 286.0 | 279.4 | 276.3 | 272.9 |
| 25°    | 329.9 | 332.2 | 334.7 | 337.0 | 339.3 | 336.4 | 333.3 | 330.4 | 327.3 | 328.5 | 329.3 |
| 27.5°  | 324.7 | 329.6 | 334.7 | 339.6 | 344.4 | 347.0 | 349.6 | 352.1 | 354.7 | 355.5 | 356.4 |
| 30°    | 248.6 | 251.2 | 253.5 | 256.0 | 258.3 | 265.4 | 272.6 | 279.4 | 286.5 | 297.7 | 309.1 |
| 32.5°  | 217.0 | 216.1 | 215.3 | 214.1 | 213.3 | 215.0 | 216.7 | 218.1 | 219.8 | 223.8 | 228.1 |
| 35°    | 212.4 | 210.4 | 208.1 | 206.1 | 203.9 | 204.7 | 205.6 | 206.4 | 207.3 | 210.4 | 213.6 |
| 37.5°  | 209.0 | 208.1 | 207.6 | 206.7 | 205.9 | 207.8 | 209.6 | 211.6 | 213.3 | 215.8 | 218.4 |
| 40°    | 211.3 | 211.0 | 210.7 | 210.1 | 209.8 | 211.0 | 212.1 | 213.3 | 214.4 | 217.8 | 221.2 |
| 42.5°  | 215.8 | 215.8 | 215.5 | 215.5 | 215.3 | 216.4 | 217.3 | 218.4 | 219.3 | 221.2 | 223.2 |
| 45°    | 221.8 | 221.2 | 221.0 | 220.4 | 219.8 | 219.5 | 219.5 | 219.3 | 219.0 | 220.1 | 221.5 |
| 47.5°  | 228.9 | 227.0 | 224.7 | 222.7 | 220.4 | 219.8 | 219.0 | 218.4 | 217.5 | 218.1 | 218.7 |
| 50°    | 241.5 | 236.1 | 230.9 | 225.5 | 220.1 | 218.7 | 217.3 | 215.8 | 214.4 | 214.1 | 214.1 |
| 52.5°  | 250.9 | 242.9 | 234.9 | 227.0 | 219.0 | 216.4 | 213.8 | 211.3 | 208.7 | 208.1 | 207.8 |
| 55°    | 241.8 | 235.8 | 230.1 | 224.1 | 218.1 | 214.4 | 210.4 | 206.7 | 202.7 | 201.9 | 201.0 |
| 57.5°  | 233.5 | 229.8 | 226.1 | 222.4 | 218.7 | 215.0 | 211.0 | 207.3 | 203.3 | 201.3 | 199.3 |
| 60°    | 213.8 | 213.8 | 214.1 | 214.1 | 214.1 | 210.1 | 206.1 | 202.1 | 198.2 | 196.2 | 194.4 |
| 62.5°  | 193.6 | 196.7 | 199.6 | 202.7 | 205.6 | 200.2 | 194.4 | 189.0 | 183.3 | 181.9 | 180.8 |
| 65°    | 176.8 | 177.6 | 178.8 | 179.6 | 180.5 | 176.2 | 171.9 | 167.6 | 163.4 | 162.5 | 161.4 |
| 67.5°  | 159.7 | 159.4 | 159.1 | 158.5 | 158.2 | 155.7 | 152.8 | 150.3 | 147.4 | 146.3 | 145.1 |
| 70°    | 143.1 | 142.8 | 142.6 | 142.0 | 141.7 | 139.4 | 137.1 | 134.9 | 132.6 | 131.7 | 130.9 |
| 72.5°  | 127.4 | 127.2 | 126.6 | 126.3 | 125.7 | 123.7 | 122.0 | 120.0 | 118.0 | 116.9 | 115.8 |
| 75°    | 110.3 | 109.8 | 109.2 | 108.6 | 108.1 | 106.3 | 104.6 | 102.6 | 100.9 | 99.8  | 98.6  |
| 77.5°  | 94.4  | 93.5  | 92.7  | 91.5  | 90.7  | 89.2  | 87.5  | 86.1  | 84.4  | 83.0  | 81.8  |
| 80°    | 76.1  | 75.6  | 75.0  | 74.1  | 73.6  | 72.1  | 70.7  | 69.0  | 67.6  | 65.9  | 64.4  |
| 82.5°  | 57.0  | 56.7  | 56.2  | 55.9  | 55.3  | 53.9  | 52.5  | 51.0  | 49.6  | 47.9  | 46.2  |
| 85°    | 36.8  | 36.5  | 36.2  | 35.9  | 35.6  | 34.5  | 33.6  | 32.5  | 31.4  | 29.7  | 28.2  |
| 87.5°  | 13.1  | 12.5  | 12.3  | 11.7  | 11.1  | 10.8  | 10.3  | 10.0  | 9.4   | 8.6   | 7.7   |
| 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):**

|        | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|--------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|
| 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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 CATALOG NUMBER: MSA-SA1D-760-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 82.5° | 85°   | 87.5° | 90°   | 92.5° | 95°   | 97.5° | 100°  | 102.5° | 105°  | 107.5° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|--------|
| 0°     | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6 | 619.6  | 619.6 | 619.6  |
| 2.5°   | 646.6 | 657.5 | 657.8 | 657.8 | 662.9 | 667.7 | 657.8 | 647.8 | 637.5  | 627.5 | 617.6  |
| 5°     | 689.1 | 693.4 | 692.3 | 690.8 | 684.6 | 678.3 | 671.7 | 665.2 | 658.6  | 652.1 | 652.3  |
| 7.5°   | 590.5 | 601.0 | 609.6 | 617.8 | 609.9 | 601.9 | 597.6 | 593.3 | 589.0  | 584.8 | 584.2  |
| 10°    | 470.4 | 473.3 | 476.7 | 479.8 | 475.0 | 469.9 | 478.4 | 487.0 | 495.2  | 503.8 | 494.4  |
| 12.5°  | 437.1 | 439.6 | 433.7 | 427.4 | 425.4 | 423.4 | 421.4 | 419.1 | 417.1  | 414.8 | 413.7  |
| 15°    | 377.2 | 372.6 | 368.1 | 363.2 | 362.1 | 360.7 | 359.2 | 357.5 | 356.1  | 354.4 | 349.3  |
| 17.5°  | 326.2 | 321.6 | 313.9 | 305.9 | 302.8 | 299.4 | 298.5 | 297.7 | 296.5  | 295.7 | 290.8  |
| 20°    | 281.4 | 278.3 | 276.3 | 274.0 | 270.9 | 267.7 | 264.6 | 261.5 | 258.0  | 254.9 | 250.3  |
| 22.5°  | 269.7 | 266.3 | 263.7 | 260.9 | 260.3 | 259.7 | 254.0 | 248.0 | 242.3  | 236.4 | 233.8  |
| 25°    | 330.4 | 331.3 | 315.6 | 299.7 | 298.2 | 296.8 | 286.5 | 276.0 | 265.7  | 255.2 | 246.3  |
| 27.5°  | 357.0 | 357.8 | 357.2 | 356.7 | 352.1 | 347.3 | 329.9 | 312.2 | 294.8  | 277.1 | 264.6  |
| 30°    | 320.2 | 331.3 | 335.6 | 339.9 | 336.7 | 333.3 | 315.1 | 297.1 | 278.8  | 260.6 | 252.3  |
| 32.5°  | 232.1 | 236.1 | 243.2 | 250.0 | 253.8 | 257.2 | 251.5 | 245.8 | 240.1  | 234.4 | 232.9  |
| 35°    | 216.4 | 219.5 | 221.0 | 222.4 | 220.1 | 217.8 | 213.6 | 209.3 | 204.7  | 200.4 | 199.6  |
| 37.5°  | 220.7 | 223.2 | 226.1 | 228.9 | 222.7 | 216.1 | 211.3 | 206.7 | 201.9  | 197.0 | 193.0  |
| 40°    | 224.7 | 228.1 | 229.8 | 231.5 | 225.2 | 219.0 | 213.0 | 207.3 | 201.3  | 195.3 | 191.3  |
| 42.5°  | 225.2 | 227.2 | 230.4 | 233.5 | 224.7 | 215.5 | 210.1 | 204.4 | 199.0  | 193.3 | 189.3  |
| 45°    | 222.7 | 223.8 | 226.7 | 229.5 | 219.3 | 208.7 | 203.9 | 198.7 | 193.9  | 188.7 | 185.3  |
| 47.5°  | 219.0 | 219.5 | 221.8 | 223.8 | 213.0 | 201.9 | 197.3 | 192.7 | 187.9  | 183.3 | 179.9  |
| 50°    | 213.8 | 213.6 | 215.3 | 216.7 | 205.6 | 194.4 | 189.9 | 185.6 | 181.0  | 176.5 | 173.6  |
| 52.5°  | 207.3 | 206.7 | 208.4 | 209.8 | 198.2 | 186.5 | 182.5 | 178.8 | 174.8  | 170.8 | 168.5  |
| 55°    | 199.9 | 199.0 | 200.4 | 201.9 | 190.5 | 178.8 | 175.3 | 171.6 | 168.2  | 164.5 | 162.5  |
| 57.5°  | 197.0 | 195.0 | 195.9 | 196.7 | 183.9 | 171.1 | 167.6 | 164.2 | 160.8  | 157.4 | 156.0  |
| 60°    | 192.5 | 190.5 | 191.3 | 191.9 | 178.2 | 164.2 | 161.1 | 157.7 | 154.5  | 151.1 | 149.7  |
| 62.5°  | 179.3 | 177.9 | 179.1 | 180.2 | 167.9 | 155.4 | 152.5 | 150.0 | 147.1  | 144.3 | 142.3  |
| 65°    | 160.5 | 159.4 | 161.7 | 163.9 | 153.4 | 142.8 | 141.1 | 139.4 | 137.4  | 135.7 | 133.7  |
| 67.5°  | 144.0 | 142.8 | 145.1 | 147.4 | 139.7 | 132.0 | 130.3 | 128.6 | 126.9  | 125.2 | 124.0  |
| 70°    | 130.0 | 129.2 | 131.2 | 133.1 | 126.6 | 120.0 | 118.3 | 116.9 | 115.2  | 113.5 | 112.6  |
| 72.5°  | 114.3 | 113.2 | 115.8 | 118.0 | 112.6 | 106.9 | 105.5 | 103.8 | 102.4  | 100.6 | 100.1  |
| 75°    | 97.5  | 96.4  | 98.6  | 100.6 | 96.9  | 92.9  | 91.5  | 90.1  | 88.7   | 87.2  | 87.0   |
| 77.5°  | 80.4  | 79.0  | 81.3  | 83.3  | 81.0  | 78.4  | 77.3  | 75.8  | 74.7   | 73.3  | 73.3   |
| 80°    | 62.7  | 61.0  | 62.7  | 64.2  | 63.3  | 62.4  | 61.6  | 60.4  | 59.6   | 58.4  | 58.7   |
| 82.5°  | 44.5  | 42.8  | 43.6  | 44.5  | 45.0  | 45.6  | 45.6  | 45.6  | 45.6   | 45.6  | 45.6   |
| 85°    | 26.5  | 24.8  | 25.1  | 25.4  | 26.2  | 27.1  | 27.4  | 27.7  | 27.9   | 28.2  | 28.5   |
| 87.5°  | 6.8   | 6.0   | 5.4   | 4.6   | 5.4   | 6.0   | 6.6   | 6.8   | 7.4    | 7.7   | 7.7    |
| 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):**

|        | 82.5° | 85° | 87.5° | 90° | 92.5° | 95° | 97.5° | 100° | 102.5° | 105° | 107.5° |
|--------|-------|-----|-------|-----|-------|-----|-------|------|--------|------|--------|
| 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):**

|        | 110°  | 112.5° | 115°  | 117.5° | 120°  | 122.5° | 125°  | 127.5° | 130°  | 132.5° | 135°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 0°     | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 |
| 2.5°   | 607.6 | 597.3  | 587.3 | 593.6  | 599.6 | 605.9  | 611.9 | 612.1  | 612.1 | 612.4  | 612.4 |
| 5°     | 652.9 | 653.2  | 653.5 | 647.5  | 641.8 | 635.8  | 629.8 | 626.7  | 623.5 | 620.1  | 617.0 |
| 7.5°   | 583.3 | 582.8  | 581.9 | 576.2  | 570.5 | 564.8  | 559.1 | 545.4  | 531.5 | 517.8  | 503.8 |
| 10°    | 484.7 | 475.3  | 465.6 | 463.3  | 461.3 | 459.0  | 456.8 | 453.0  | 449.6 | 445.9  | 442.2 |
| 12.5°  | 412.6 | 411.4  | 410.3 | 404.3  | 398.3 | 392.0  | 386.0 | 386.0  | 386.0 | 386.0  | 386.0 |
| 15°    | 343.8 | 338.7  | 333.3 | 330.4  | 327.3 | 324.5  | 321.3 | 319.9  | 318.5 | 317.0  | 315.6 |
| 17.5°  | 285.7 | 280.8  | 275.7 | 275.1  | 274.6 | 274.0  | 273.4 | 272.0  | 270.6 | 269.1  | 267.7 |
| 20°    | 245.8 | 241.2  | 236.6 | 238.4  | 240.1 | 241.5  | 243.2 | 241.8  | 240.4 | 238.6  | 237.2 |
| 22.5°  | 230.9 | 228.4  | 225.5 | 224.1  | 222.7 | 221.0  | 219.5 | 219.5  | 219.8 | 219.8  | 219.8 |
| 25°    | 237.8 | 228.9  | 220.1 | 215.8  | 211.6 | 207.0  | 202.7 | 201.0  | 199.6 | 197.9  | 196.2 |
| 27.5°  | 252.0 | 239.2  | 226.7 | 219.3  | 211.8 | 204.4  | 197.0 | 193.9  | 190.5 | 187.3  | 183.9 |
| 30°    | 243.8 | 235.5  | 227.0 | 218.4  | 209.8 | 201.3  | 192.7 | 188.7  | 184.8 | 180.5  | 176.5 |
| 32.5°  | 231.5 | 229.8  | 228.4 | 220.4  | 212.4 | 204.1  | 196.2 | 194.4  | 193.0 | 191.3  | 189.6 |
| 35°    | 198.4 | 197.6  | 196.4 | 194.4  | 192.5 | 190.5  | 188.5 | 186.2  | 183.9 | 181.6  | 179.3 |
| 37.5°  | 189.3 | 185.3  | 181.3 | 180.5  | 179.6 | 178.8  | 177.9 | 177.1  | 176.2 | 175.1  | 174.2 |
| 40°    | 187.3 | 183.3  | 179.3 | 177.9  | 176.5 | 174.8  | 173.3 | 173.6  | 174.2 | 174.5  | 174.8 |
| 42.5°  | 185.0 | 181.0  | 176.8 | 175.6  | 174.5 | 173.3  | 172.2 | 172.5  | 173.1 | 173.3  | 173.6 |
| 45°    | 182.2 | 178.8  | 175.3 | 173.3  | 171.6 | 169.6  | 167.6 | 169.4  | 171.1 | 172.5  | 174.2 |
| 47.5°  | 176.5 | 172.8  | 169.4 | 168.2  | 167.1 | 165.7  | 164.5 | 166.2  | 167.9 | 169.4  | 171.1 |
| 50°    | 170.5 | 167.6  | 164.5 | 164.2  | 163.9 | 163.4  | 163.1 | 164.2  | 165.4 | 166.5  | 167.6 |
| 52.5°  | 165.9 | 163.7  | 161.1 | 161.1  | 160.8 | 160.8  | 160.5 | 161.7  | 162.8 | 163.7  | 164.8 |
| 55°    | 160.8 | 158.8  | 156.8 | 157.1  | 157.7 | 158.0  | 158.2 | 159.4  | 160.8 | 161.9  | 163.1 |
| 57.5°  | 154.2 | 152.8  | 151.1 | 152.3  | 153.1 | 154.2  | 155.1 | 156.0  | 157.1 | 158.0  | 158.8 |
| 60°    | 148.0 | 146.5  | 144.8 | 146.0  | 147.4 | 148.5  | 149.7 | 150.5  | 151.4 | 152.3  | 153.1 |
| 62.5°  | 140.3 | 138.0  | 136.0 | 137.7  | 139.1 | 140.8  | 142.3 | 142.8  | 143.7 | 144.3  | 144.8 |
| 65°    | 132.0 | 130.0  | 128.0 | 129.2  | 130.3 | 131.2  | 132.3 | 133.1  | 134.0 | 134.9  | 135.7 |
| 67.5°  | 122.6 | 121.5  | 120.0 | 120.9  | 121.7 | 122.6  | 123.5 | 123.7  | 123.7 | 124.0  | 124.0 |
| 70°    | 111.5 | 110.6  | 109.5 | 110.1  | 110.9 | 111.5  | 112.1 | 112.1  | 112.1 | 111.8  | 111.8 |
| 72.5°  | 99.8  | 99.2   | 98.6  | 98.9   | 99.5  | 99.8   | 100.1 | 99.8   | 99.5  | 99.2   | 98.9  |
| 75°    | 86.7  | 86.4   | 86.1  | 86.4   | 87.0  | 87.2   | 87.5  | 87.2   | 86.7  | 86.4   | 85.8  |
| 77.5°  | 73.6  | 73.6   | 73.6  | 73.6   | 73.8  | 73.8   | 73.8  | 73.3   | 72.7  | 72.1   | 71.6  |
| 80°    | 59.0  | 59.3   | 59.6  | 59.6   | 59.6  | 59.6   | 59.6  | 59.0   | 58.4  | 57.6   | 57.0  |
| 82.5°  | 45.6  | 45.6   | 45.6  | 45.6   | 45.9  | 45.9   | 45.9  | 44.5   | 43.3  | 41.9   | 40.5  |
| 85°    | 28.5  | 28.8   | 28.8  | 29.1   | 29.4  | 29.4   | 29.7  | 27.7   | 25.9  | 23.9   | 22.0  |
| 87.5°  | 7.7   | 7.7    | 7.7   | 7.7    | 7.7   | 7.4    | 7.4   | 5.7    | 3.7   | 2.0    | 0.0   |
| 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: P367096  
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**CANDELA DISTRIBUTION (continued):**

|        | 110° | 112.5° | 115° | 117.5° | 120° | 122.5° | 125° | 127.5° | 130° | 132.5° | 135° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 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: P367096  
 CATALOG NUMBER: MSA-SA1D-760-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 137.5° | 140°  | 142.5° | 145°  | 147.5° | 150°  | 152.5° | 155°  | 157.5° | 160°  | 162.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 0°     | 619.6  | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 | 619.6  |
| 2.5°   | 614.1  | 615.8 | 617.3  | 619.0 | 619.3  | 619.6 | 619.6  | 619.8 | 613.9  | 607.9 | 601.6  |
| 5°     | 621.3  | 625.3 | 629.5  | 633.5 | 632.7  | 631.8 | 631.0  | 630.1 | 628.4  | 627.0 | 625.3  |
| 7.5°   | 500.7  | 497.8 | 494.7  | 491.5 | 494.1  | 496.7 | 499.2  | 501.8 | 502.9  | 504.1 | 504.9  |
| 10°    | 435.1  | 428.0 | 420.8  | 413.7 | 409.7  | 405.4 | 401.4  | 397.2 | 396.6  | 396.3 | 395.7  |
| 12.5°  | 378.6  | 370.9 | 363.5  | 355.8 | 353.5  | 351.0 | 348.7  | 346.1 | 348.4  | 350.7 | 352.7  |
| 15°    | 312.5  | 309.6 | 306.5  | 303.4 | 305.9  | 308.5 | 311.1  | 313.6 | 315.9  | 317.9 | 320.2  |
| 17.5°  | 266.3  | 265.2 | 263.7  | 262.3 | 264.6  | 267.2 | 269.4  | 271.7 | 276.8  | 282.0 | 287.1  |
| 20°    | 236.1  | 235.2 | 234.1  | 232.9 | 232.1  | 230.9 | 230.1  | 228.9 | 236.4  | 243.5 | 250.9  |
| 22.5°  | 218.1  | 216.4 | 214.7  | 213.0 | 213.3  | 213.6 | 213.6  | 213.8 | 219.8  | 226.1 | 232.1  |
| 25°    | 195.6  | 195.0 | 194.4  | 193.9 | 195.6  | 197.3 | 198.7  | 200.4 | 205.9  | 211.3 | 216.4  |
| 27.5°  | 184.2  | 184.5 | 184.8  | 185.0 | 187.3  | 189.9 | 192.2  | 194.4 | 198.2  | 201.9 | 205.6  |
| 30°    | 177.9  | 179.6 | 181.0  | 182.5 | 183.3  | 184.2 | 185.0  | 185.9 | 189.6  | 193.0 | 196.7  |
| 32.5°  | 187.3  | 185.0 | 182.5  | 180.2 | 181.3  | 182.8 | 183.9  | 185.0 | 188.5  | 191.9 | 195.3  |
| 35°    | 178.5  | 177.3 | 176.5  | 175.3 | 176.8  | 178.2 | 179.3  | 180.8 | 183.9  | 186.8 | 189.9  |
| 37.5°  | 173.9  | 173.6 | 173.3  | 173.1 | 173.9  | 174.8 | 175.3  | 176.2 | 179.1  | 181.9 | 184.5  |
| 40°    | 173.6  | 172.2 | 171.1  | 169.6 | 170.5  | 171.4 | 171.9  | 172.8 | 176.2  | 179.6 | 183.0  |
| 42.5°  | 171.9  | 170.2 | 168.2  | 166.5 | 167.4  | 168.5 | 169.4  | 170.2 | 173.9  | 177.3 | 181.0  |
| 45°    | 171.6  | 169.1 | 166.2  | 163.7 | 164.8  | 165.9 | 167.1  | 168.2 | 171.1  | 173.9 | 176.5  |
| 47.5°  | 168.5  | 165.9 | 163.4  | 160.8 | 161.4  | 161.9 | 162.2  | 162.8 | 165.4  | 167.6 | 170.2  |
| 50°    | 165.9  | 163.9 | 162.2  | 160.2 | 159.4  | 158.8 | 158.0  | 157.1 | 159.1  | 161.1 | 163.1  |
| 52.5°  | 162.8  | 160.8 | 158.5  | 156.5 | 155.4  | 154.2 | 153.1  | 152.0 | 153.7  | 155.1 | 156.8  |
| 55°    | 160.8  | 158.2 | 156.0  | 153.4 | 152.0  | 150.5 | 149.1  | 147.7 | 148.8  | 149.7 | 150.8  |
| 57.5°  | 156.5  | 154.2 | 151.7  | 149.4 | 147.7  | 146.0 | 144.0  | 142.3 | 142.8  | 143.4 | 144.0  |
| 60°    | 150.8  | 148.3 | 146.0  | 143.4 | 141.4  | 139.4 | 137.1  | 135.1 | 135.4  | 136.0 | 136.3  |
| 62.5°  | 142.6  | 140.3 | 137.7  | 135.4 | 133.1  | 131.2 | 128.9  | 126.6 | 127.2  | 127.4 | 128.0  |
| 65°    | 133.4  | 130.9 | 128.6  | 126.0 | 124.0  | 122.0 | 119.7  | 117.8 | 118.3  | 118.9 | 119.2  |
| 67.5°  | 122.3  | 120.3 | 118.6  | 116.6 | 114.9  | 112.9 | 111.2  | 109.2 | 109.5  | 109.8 | 110.1  |
| 70°    | 110.3  | 108.6 | 107.2  | 105.5 | 104.1  | 102.6 | 101.2  | 99.8  | 99.8   | 100.1 | 100.1  |
| 72.5°  | 97.5   | 96.1  | 94.7   | 93.2  | 91.8   | 90.7  | 89.2   | 87.8  | 88.4   | 89.0  | 89.2   |
| 75°    | 84.4   | 83.3  | 81.8   | 80.4  | 79.3   | 78.1  | 76.7   | 75.6  | 76.1   | 76.7  | 77.0   |
| 77.5°  | 70.7   | 69.9  | 68.7   | 67.9  | 66.7   | 65.6  | 64.2   | 63.0  | 63.6   | 64.2  | 64.4   |
| 80°    | 56.5   | 55.9  | 55.0   | 54.5  | 53.3   | 52.2  | 51.0   | 49.9  | 50.2   | 50.2  | 50.5   |
| 82.5°  | 40.8   | 41.1  | 41.1   | 41.3  | 40.5   | 39.3  | 38.5   | 37.4  | 37.4   | 37.4  | 37.1   |
| 85°    | 22.8   | 23.9  | 24.8   | 25.7  | 24.8   | 23.9  | 23.1   | 22.2  | 22.0   | 22.0  | 21.7   |
| 87.5°  | 0.9    | 1.4   | 2.3    | 2.9   | 2.6    | 2.3   | 1.7    | 1.4   | 1.7    | 2.0   | 2.0    |
| 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: P367096  
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**CANDELA DISTRIBUTION (continued):**

|        | 137.5° | 140° | 142.5° | 145° | 147.5° | 150° | 152.5° | 155° | 157.5° | 160° | 162.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 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):**

|        | 165°  | 167.5° | 170°  | 172.5° | 175°  | 177.5° | 180°  | 182.5° | 185°  | 187.5° | 190°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 0°     | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 |
| 2.5°   | 595.6 | 600.5  | 605.3 | 610.1  | 615.0 | 622.4  | 629.8 | 637.5  | 645.2 | 640.9  | 636.4 |
| 5°     | 623.5 | 626.4  | 629.5 | 632.4  | 635.2 | 643.5  | 651.5 | 661.5  | 671.2 | 670.0  | 668.6 |
| 7.5°   | 506.1 | 510.1  | 514.1 | 517.8  | 521.8 | 534.3  | 546.8 | 557.4  | 567.9 | 566.5  | 564.8 |
| 10°    | 395.2 | 403.4  | 412.0 | 420.3  | 428.5 | 438.8  | 448.8 | 457.6  | 466.4 | 481.3  | 495.8 |
| 12.5°  | 355.0 | 367.8  | 380.6 | 393.5  | 406.3 | 413.7  | 420.8 | 432.2  | 443.6 | 451.6  | 459.9 |
| 15°    | 322.2 | 334.2  | 346.1 | 358.1  | 370.1 | 370.6  | 371.2 | 383.2  | 395.2 | 402.0  | 408.6 |
| 17.5°  | 292.2 | 298.8  | 305.4 | 311.6  | 318.2 | 315.9  | 313.6 | 319.3  | 324.7 | 327.6  | 330.7 |
| 20°    | 258.0 | 262.6  | 267.2 | 271.7  | 276.3 | 279.4  | 282.3 | 285.7  | 288.8 | 286.0  | 282.8 |
| 22.5°  | 238.1 | 244.9  | 252.0 | 258.9  | 265.7 | 267.7  | 269.4 | 267.4  | 265.4 | 264.6  | 263.7 |
| 25°    | 221.8 | 230.1  | 238.6 | 246.9  | 255.2 | 259.2  | 263.2 | 264.9  | 266.3 | 263.2  | 260.0 |
| 27.5°  | 209.3 | 219.3  | 228.9 | 238.9  | 248.6 | 255.7  | 262.9 | 264.9  | 266.6 | 264.3  | 261.7 |
| 30°    | 200.2 | 211.0  | 221.8 | 232.7  | 243.5 | 254.3  | 264.9 | 274.3  | 283.4 | 282.5  | 281.7 |
| 32.5°  | 198.7 | 206.1  | 213.6 | 221.0  | 228.4 | 235.2  | 241.8 | 242.3  | 242.6 | 240.4  | 237.8 |
| 35°    | 192.7 | 197.6  | 202.4 | 207.3  | 212.1 | 216.4  | 220.4 | 219.8  | 219.3 | 217.0  | 214.7 |
| 37.5°  | 187.3 | 192.2  | 197.3 | 202.1  | 207.0 | 214.4  | 221.5 | 220.1  | 218.4 | 216.1  | 213.8 |
| 40°    | 186.5 | 191.9  | 197.3 | 202.4  | 207.8 | 214.7  | 221.5 | 220.1  | 218.7 | 215.8  | 213.0 |
| 42.5°  | 184.5 | 189.9  | 195.0 | 200.4  | 205.6 | 213.8  | 221.8 | 219.3  | 216.4 | 214.1  | 211.8 |
| 45°    | 179.3 | 184.2  | 189.0 | 193.9  | 198.7 | 207.6  | 216.4 | 213.3  | 210.1 | 209.3  | 208.1 |
| 47.5°  | 172.5 | 177.3  | 182.2 | 187.0  | 191.9 | 200.7  | 209.3 | 206.7  | 203.9 | 203.6  | 203.0 |
| 50°    | 165.1 | 169.6  | 174.5 | 179.1  | 183.6 | 192.5  | 201.0 | 198.7  | 196.4 | 196.7  | 196.7 |
| 52.5°  | 158.2 | 162.5  | 166.5 | 170.8  | 174.8 | 183.6  | 192.2 | 190.5  | 188.5 | 189.0  | 189.3 |
| 55°    | 151.7 | 155.1  | 158.5 | 161.9  | 165.4 | 173.9  | 182.5 | 179.9  | 177.3 | 178.2  | 179.1 |
| 57.5°  | 144.6 | 147.4  | 150.3 | 152.8  | 155.7 | 164.2  | 172.5 | 169.6  | 166.5 | 167.9  | 169.1 |
| 60°    | 136.6 | 139.1  | 141.7 | 144.0  | 146.5 | 154.2  | 161.7 | 159.1  | 156.2 | 158.2  | 159.9 |
| 62.5°  | 128.3 | 130.3  | 132.3 | 134.3  | 136.3 | 143.4  | 150.5 | 148.5  | 146.5 | 148.8  | 150.8 |
| 65°    | 119.7 | 121.2  | 122.9 | 124.3  | 125.7 | 132.6  | 139.1 | 137.7  | 136.3 | 138.3  | 140.3 |
| 67.5°  | 110.3 | 111.5  | 112.9 | 114.0  | 115.2 | 121.5  | 127.7 | 126.3  | 124.6 | 126.3  | 127.7 |
| 70°    | 100.1 | 101.2  | 102.1 | 103.2  | 104.1 | 109.8  | 115.5 | 113.5  | 111.2 | 112.9  | 114.3 |
| 72.5°  | 89.8  | 90.4   | 91.2  | 91.8   | 92.4  | 96.7   | 100.9 | 99.2   | 97.5  | 99.2   | 100.6 |
| 75°    | 77.6  | 78.1   | 78.7  | 79.3   | 79.8  | 83.5   | 87.0  | 85.0   | 82.7  | 84.4   | 86.1  |
| 77.5°  | 65.0  | 65.3   | 65.9  | 66.1   | 66.4  | 69.0   | 71.3  | 69.3   | 67.0  | 69.0   | 71.0  |
| 80°    | 50.5  | 50.8   | 51.0  | 51.0   | 51.3  | 52.2   | 53.0  | 51.6   | 49.9  | 52.5   | 55.0  |
| 82.5°  | 37.1  | 36.8   | 36.8  | 36.5   | 36.2  | 36.2   | 35.9  | 35.1   | 33.9  | 36.2   | 38.5  |
| 85°    | 21.4  | 21.1   | 20.5  | 20.2   | 19.7  | 18.8   | 18.0  | 17.7   | 17.4  | 19.4   | 21.4  |
| 87.5°  | 2.3   | 2.0    | 1.4   | 1.1    | 0.6   | 0.3    | 0.0   | 0.0    | 0.0   | 1.1    | 2.6   |
| 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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**CANDELA DISTRIBUTION (continued):**

|        | 165° | 167.5° | 170° | 172.5° | 175° | 177.5° | 180° | 182.5° | 185° | 187.5° | 190° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 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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 CATALOG NUMBER: MSA-SA1D-760-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 192.5° | 195°  | 197.5° | 200°  | 202.5° | 205°  | 207.5° | 210°  | 212.5° | 215°  | 217.5° |
|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| 0°     | 619.6  | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 | 619.6  |
| 2.5°   | 632.1  | 627.5 | 623.3  | 619.0 | 614.7  | 610.4 | 618.4  | 626.4 | 634.4  | 642.4 | 649.5  |
| 5°     | 667.5  | 666.0 | 662.3  | 658.9 | 655.2  | 651.5 | 653.5  | 655.8 | 657.8  | 659.8 | 664.0  |
| 7.5°   | 563.4  | 561.7 | 569.7  | 577.4 | 585.3  | 593.0 | 595.0  | 596.7 | 598.7  | 600.5 | 599.3  |
| 10°    | 510.6  | 525.2 | 528.9  | 532.3 | 536.0  | 539.4 | 545.1  | 550.8 | 556.3  | 562.0 | 565.1  |
| 12.5°  | 467.9  | 475.9 | 489.0  | 502.4 | 515.5  | 528.6 | 537.2  | 545.7 | 554.3  | 562.8 | 580.5  |
| 15°    | 415.4  | 422.0 | 431.9  | 441.9 | 451.9  | 461.9 | 474.1  | 486.7 | 499.0  | 511.2 | 530.6  |
| 17.5°  | 333.6  | 336.4 | 343.8  | 351.3 | 358.4  | 365.8 | 382.3  | 398.6 | 415.1  | 431.4 | 453.6  |
| 20°    | 280.0  | 276.8 | 276.8  | 277.1 | 277.1  | 277.1 | 293.7  | 309.9 | 326.5  | 342.7 | 372.1  |
| 22.5°  | 262.6  | 261.7 | 258.6  | 255.2 | 252.0  | 248.6 | 257.2  | 266.0 | 274.6  | 283.1 | 307.1  |
| 25°    | 256.6  | 253.5 | 249.5  | 245.5 | 241.5  | 237.5 | 242.9  | 248.3 | 253.8  | 259.2 | 278.0  |
| 27.5°  | 259.5  | 256.9 | 258.9  | 260.6 | 262.6  | 264.3 | 266.0  | 267.7 | 269.4  | 271.1 | 277.7  |
| 30°    | 280.8  | 280.0 | 283.1  | 286.0 | 289.1  | 292.0 | 288.0  | 284.3 | 280.3  | 276.3 | 278.6  |
| 32.5°  | 235.5  | 232.9 | 231.8  | 230.7 | 229.5  | 228.4 | 228.1  | 227.8 | 227.2  | 227.0 | 232.1  |
| 35°    | 212.4  | 210.1 | 208.4  | 206.7 | 204.7  | 203.0 | 203.9  | 204.4 | 205.3  | 205.9 | 211.6  |
| 37.5°  | 211.6  | 209.3 | 207.3  | 205.3 | 203.0  | 201.0 | 201.9  | 203.0 | 203.9  | 204.7 | 209.0  |
| 40°    | 210.1  | 207.3 | 206.1  | 205.0 | 203.9  | 202.7 | 203.3  | 203.9 | 204.1  | 204.7 | 207.8  |
| 42.5°  | 209.3  | 207.0 | 206.4  | 205.9 | 205.3  | 204.7 | 205.3  | 205.9 | 206.1  | 206.7 | 210.4  |
| 45°    | 207.3  | 206.1 | 206.7  | 207.3 | 207.8  | 208.4 | 208.4  | 208.4 | 208.4  | 208.4 | 212.4  |
| 47.5°  | 202.7  | 202.1 | 203.9  | 205.6 | 207.3  | 209.0 | 211.8  | 214.7 | 217.3  | 220.1 | 221.0  |
| 50°    | 197.0  | 197.0 | 199.9  | 202.7 | 205.3  | 208.1 | 215.0  | 221.5 | 228.4  | 234.9 | 230.7  |
| 52.5°  | 189.9  | 190.2 | 194.4  | 198.4 | 202.7  | 206.7 | 213.0  | 219.3 | 225.2  | 231.5 | 225.2  |
| 55°    | 179.6  | 180.5 | 185.9  | 191.0 | 196.4  | 201.6 | 206.4  | 211.3 | 216.1  | 221.0 | 214.4  |
| 57.5°  | 170.5  | 171.6 | 177.3  | 182.8 | 188.5  | 193.9 | 196.7  | 199.9 | 202.7  | 205.6 | 201.3  |
| 60°    | 161.9  | 163.7 | 171.1  | 178.5 | 185.6  | 193.0 | 190.7  | 188.5 | 185.9  | 183.6 | 183.3  |
| 62.5°  | 153.1  | 155.1 | 161.9  | 168.8 | 175.3  | 182.2 | 178.8  | 175.3 | 171.6  | 168.2 | 169.6  |
| 65°    | 142.0  | 144.0 | 147.1  | 150.3 | 153.1  | 156.2 | 156.0  | 156.0 | 155.7  | 155.4 | 158.2  |
| 67.5°  | 129.4  | 130.9 | 132.9  | 134.6 | 136.6  | 138.3 | 139.4  | 140.8 | 142.0  | 143.1 | 146.5  |
| 70°    | 116.0  | 117.5 | 119.5  | 121.2 | 123.2  | 124.9 | 126.3  | 127.7 | 128.9  | 130.3 | 133.7  |
| 72.5°  | 102.4  | 103.8 | 105.8  | 107.8 | 109.5  | 111.5 | 112.6  | 113.8 | 114.6  | 115.8 | 118.6  |
| 75°    | 87.8   | 89.5  | 91.5   | 93.2  | 95.2   | 96.9  | 97.8   | 98.6  | 99.5   | 100.4 | 102.9  |
| 77.5°  | 73.0   | 75.0  | 77.0   | 79.0  | 81.0   | 83.0  | 83.3   | 83.5  | 83.8   | 84.1  | 86.4   |
| 80°    | 57.3   | 59.9  | 61.9   | 63.9  | 65.9   | 67.9  | 67.9   | 67.9  | 67.9   | 67.9  | 69.0   |
| 82.5°  | 40.8   | 43.1  | 45.3   | 47.3  | 49.6   | 51.6  | 51.6   | 51.3  | 51.3   | 51.0  | 51.0   |
| 85°    | 23.4   | 25.4  | 26.8   | 28.5  | 29.9   | 31.4  | 31.4   | 31.4  | 31.1   | 31.1  | 30.5   |
| 87.5°  | 3.7    | 4.8   | 5.4    | 6.3   | 6.8    | 7.4   | 7.1    | 7.1   | 6.8    | 6.6   | 5.7    |
| 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: P367096  
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**CANDELA DISTRIBUTION (continued):**

|        | 192.5° | 195° | 197.5° | 200° | 202.5° | 205° | 207.5° | 210° | 212.5° | 215° | 217.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 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°  | 222.5° | 225°  | 227.5° | 230°  | 232.5° | 235°  | 237.5° | 240°  | 242.5° | 245°  |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|
| 0°     | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 | 619.6  | 619.6 |
| 2.5°   | 656.6 | 663.7  | 670.9 | 669.7  | 668.6 | 667.5  | 666.3 | 670.6  | 674.6 | 678.9  | 682.8 |
| 5°     | 668.0 | 672.3  | 676.3 | 679.4  | 682.6 | 685.7  | 688.8 | 703.4  | 717.6 | 732.2  | 746.4 |
| 7.5°   | 598.2 | 596.7  | 595.6 | 609.0  | 622.7 | 636.1  | 649.5 | 668.0  | 686.6 | 705.1  | 723.6 |
| 10°    | 568.2 | 571.4  | 574.5 | 579.9  | 585.6 | 591.0  | 596.5 | 614.7  | 633.0 | 651.2  | 669.4 |
| 12.5°  | 597.9 | 615.6  | 633.0 | 637.2  | 641.8 | 646.1  | 650.3 | 654.1  | 657.8 | 661.2  | 664.9 |
| 15°    | 550.0 | 569.4  | 588.8 | 599.9  | 611.0 | 621.8  | 633.0 | 660.9  | 688.6 | 716.5  | 744.1 |
| 17.5°  | 475.6 | 497.8  | 519.8 | 547.1  | 574.5 | 601.9  | 629.2 | 654.9  | 680.6 | 705.9  | 731.6 |
| 20°    | 401.4 | 430.5  | 459.9 | 489.8  | 519.5 | 549.4  | 579.1 | 604.2  | 629.2 | 654.1  | 679.1 |
| 22.5°  | 330.7 | 354.7  | 378.3 | 414.8  | 451.1 | 487.5  | 523.8 | 570.5  | 617.0 | 663.7  | 710.2 |
| 25°    | 296.5 | 315.3  | 333.9 | 371.5  | 409.1 | 446.5  | 484.1 | 544.9  | 605.3 | 666.0  | 726.5 |
| 27.5°  | 284.5 | 291.1  | 297.7 | 331.9  | 365.8 | 400.0  | 433.9 | 499.5  | 565.1 | 630.4  | 696.0 |
| 30°    | 280.8 | 283.1  | 285.4 | 312.2  | 339.0 | 365.8  | 392.6 | 457.3  | 522.3 | 587.1  | 651.8 |
| 32.5°  | 236.9 | 242.1  | 246.9 | 273.1  | 299.1 | 325.3  | 351.3 | 416.6  | 481.6 | 546.8  | 611.9 |
| 35°    | 217.3 | 223.0  | 228.7 | 254.3  | 280.0 | 305.4  | 331.0 | 399.7  | 468.7 | 537.4  | 606.2 |
| 37.5°  | 213.3 | 217.5  | 221.8 | 250.9  | 280.0 | 309.1  | 338.1 | 407.7  | 477.3 | 546.8  | 616.4 |
| 40°    | 211.3 | 214.4  | 217.5 | 245.8  | 274.3 | 302.5  | 330.7 | 403.7  | 476.4 | 549.4  | 622.1 |
| 42.5°  | 213.8 | 217.5  | 221.0 | 246.6  | 272.0 | 297.7  | 323.0 | 398.6  | 473.9 | 549.4  | 624.7 |
| 45°    | 216.1 | 220.1  | 223.8 | 247.8  | 271.7 | 295.7  | 319.6 | 400.3  | 480.7 | 561.4  | 641.8 |
| 47.5°  | 221.5 | 222.4  | 223.0 | 243.8  | 264.3 | 285.1  | 305.6 | 387.8  | 469.9 | 551.7  | 633.8 |
| 50°    | 226.1 | 221.8  | 217.3 | 238.9  | 260.3 | 282.0  | 303.4 | 381.2  | 459.0 | 536.6  | 614.4 |
| 52.5°  | 219.0 | 212.4  | 206.1 | 229.5  | 252.9 | 276.0  | 299.4 | 377.2  | 455.3 | 533.2  | 611.0 |
| 55°    | 208.1 | 201.6  | 195.0 | 218.7  | 242.3 | 266.0  | 289.7 | 367.2  | 445.1 | 522.6  | 600.2 |
| 57.5°  | 197.3 | 193.0  | 188.7 | 208.1  | 227.8 | 247.2  | 266.6 | 350.7  | 434.5 | 518.6  | 602.4 |
| 60°    | 183.0 | 182.5  | 182.2 | 197.3  | 212.7 | 227.8  | 242.9 | 325.3  | 407.4 | 489.8  | 571.9 |
| 62.5°  | 170.8 | 172.2  | 173.3 | 185.6  | 197.9 | 209.8  | 222.1 | 301.7  | 381.5 | 461.0  | 540.6 |
| 65°    | 161.4 | 164.2  | 167.1 | 181.0  | 195.0 | 208.7  | 222.7 | 289.4  | 356.1 | 422.8  | 489.5 |
| 67.5°  | 150.0 | 153.4  | 156.8 | 175.1  | 193.3 | 211.6  | 229.8 | 284.8  | 339.9 | 394.9  | 449.9 |
| 70°    | 136.9 | 140.3  | 143.4 | 166.8  | 189.9 | 213.3  | 236.4 | 285.1  | 334.2 | 382.9  | 431.7 |
| 72.5°  | 121.5 | 124.3  | 127.2 | 152.3  | 177.3 | 202.4  | 227.5 | 268.9  | 310.2 | 351.3  | 392.6 |
| 75°    | 105.8 | 108.3  | 110.9 | 132.6  | 154.2 | 175.9  | 197.6 | 229.5  | 261.2 | 293.1  | 324.7 |
| 77.5°  | 88.4  | 90.7   | 92.7  | 107.2  | 121.7 | 136.3  | 150.8 | 175.3  | 199.6 | 224.1  | 248.3 |
| 80°    | 70.1  | 71.3   | 72.4  | 81.0   | 89.2  | 97.8   | 106.1 | 122.3  | 138.6 | 154.5  | 170.8 |
| 82.5°  | 51.3  | 51.3   | 51.3  | 56.7   | 62.4  | 67.9   | 73.3  | 81.5   | 89.5  | 97.8   | 105.8 |
| 85°    | 29.9  | 29.1   | 28.5  | 32.2   | 35.9  | 39.6   | 43.3  | 46.8   | 50.2  | 53.6   | 57.0  |
| 87.5°  | 4.8   | 3.7    | 2.9   | 5.1    | 7.4   | 9.7    | 12.0  | 13.1   | 14.5  | 15.7   | 16.8  |
| 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):**

|        | 220° | 222.5° | 225° | 227.5° | 230° | 232.5° | 235° | 237.5° | 240° | 242.5° | 245° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 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):**

|        | 247.5° | 250°   | 252.5° | 255°   | 257.5° | 260°   | 262.5° | 265°   | 267.5° | 270°   | 272.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  |
| 2.5°   | 673.2  | 663.7  | 654.1  | 644.4  | 658.6  | 672.9  | 687.1  | 701.4  | 739.3  | 761.8  | 763.3  |
| 5°     | 758.4  | 770.4  | 782.4  | 794.3  | 806.3  | 818.3  | 830.0  | 841.9  | 903.5  | 941.4  | 948.6  |
| 7.5°   | 743.3  | 763.3  | 782.9  | 802.6  | 836.5  | 870.5  | 904.4  | 938.3  | 990.5  | 1028.1 | 1052.9 |
| 10°    | 694.0  | 718.5  | 743.0  | 767.5  | 807.7  | 848.2  | 888.4  | 928.6  | 983.9  | 1033.5 | 1057.2 |
| 12.5°  | 703.9  | 743.0  | 781.8  | 820.8  | 855.6  | 890.7  | 925.5  | 960.3  | 998.5  | 1017.3 | 1060.3 |
| 15°    | 771.2  | 798.3  | 825.4  | 852.5  | 905.0  | 957.1  | 1009.6 | 1061.8 | 1083.4 | 1126.5 | 1165.3 |
| 17.5°  | 781.5  | 831.1  | 881.0  | 930.6  | 994.8  | 1058.9 | 1123.1 | 1187.2 | 1227.4 | 1283.0 | 1329.8 |
| 20°    | 749.6  | 819.7  | 890.1  | 960.3  | 1042.9 | 1125.9 | 1208.6 | 1291.3 | 1342.3 | 1389.1 | 1461.5 |
| 22.5°  | 787.8  | 865.3  | 942.6  | 1020.1 | 1129.9 | 1239.4 | 1349.2 | 1458.6 | 1565.3 | 1669.6 | 1718.7 |
| 25°    | 830.0  | 933.8  | 1037.2 | 1140.7 | 1277.9 | 1414.7 | 1551.9 | 1688.7 | 1825.9 | 1923.7 | 1980.1 |
| 27.5°  | 800.3  | 904.4  | 1008.7 | 1112.8 | 1282.4 | 1452.4 | 1622.0 | 1791.7 | 1938.5 | 2056.2 | 2104.7 |
| 30°    | 779.5  | 907.2  | 1035.0 | 1162.7 | 1361.7 | 1560.7 | 1759.7 | 1958.7 | 2094.5 | 2225.9 | 2297.2 |
| 32.5°  | 775.8  | 939.7  | 1103.4 | 1267.3 | 1499.1 | 1730.6 | 1962.4 | 2194.0 | 2284.1 | 2400.7 | 2496.7 |
| 35°    | 786.1  | 966.3  | 1146.2 | 1326.1 | 1591.8 | 1857.5 | 2123.0 | 2388.7 | 2516.7 | 2632.2 | 2716.3 |
| 37.5°  | 817.4  | 1018.4 | 1219.1 | 1420.2 | 1740.3 | 2060.8 | 2381.0 | 2701.2 | 2915.9 | 3127.1 | 3164.8 |
| 40°    | 835.1  | 1048.4 | 1261.3 | 1474.3 | 1846.7 | 2219.0 | 2591.4 | 2963.8 | 3210.7 | 3442.5 | 3458.2 |
| 42.5°  | 855.9  | 1087.1 | 1318.1 | 1549.3 | 1962.2 | 2375.3 | 2788.1 | 3201.0 | 3506.6 | 3755.8 | 3763.2 |
| 45°    | 879.9  | 1117.6 | 1355.7 | 1593.5 | 2024.6 | 2455.4 | 2886.5 | 3317.3 | 3686.8 | 3989.6 | 3915.8 |
| 47.5°  | 889.3  | 1145.0 | 1400.5 | 1655.9 | 2115.5 | 2574.9 | 3034.5 | 3493.8 | 3825.4 | 4100.8 | 4030.1 |
| 50°    | 893.0  | 1171.8 | 1450.4 | 1728.9 | 2205.1 | 2681.5 | 3157.6 | 3633.8 | 3971.1 | 4239.7 | 4131.3 |
| 52.5°  | 916.1  | 1221.1 | 1526.2 | 1831.3 | 2327.4 | 2823.5 | 3319.6 | 3815.7 | 4147.6 | 4405.6 | 4271.0 |
| 55°    | 947.2  | 1294.1 | 1640.8 | 1987.8 | 2501.3 | 3014.5 | 3528.0 | 4041.2 | 4374.2 | 4614.3 | 4447.5 |
| 57.5°  | 975.9  | 1349.7 | 1723.2 | 2096.7 | 2628.8 | 3161.1 | 3693.1 | 4225.1 | 4562.4 | 4799.9 | 4638.2 |
| 60°    | 962.0  | 1352.0 | 1742.0 | 2132.1 | 2655.0 | 3177.6 | 3700.5 | 4223.1 | 4606.0 | 4890.9 | 4808.2 |
| 62.5°  | 919.8  | 1299.0 | 1677.9 | 2057.1 | 2553.5 | 3049.6 | 3546.0 | 4042.1 | 4490.3 | 4855.5 | 4851.8 |
| 65°    | 838.5  | 1187.5 | 1536.2 | 1885.2 | 2344.5 | 2804.1 | 3263.4 | 3722.7 | 4251.1 | 4694.7 | 4723.5 |
| 67.5°  | 739.6  | 1029.3 | 1318.9 | 1608.6 | 2041.1 | 2473.7 | 2906.2 | 3338.7 | 3903.5 | 4393.0 | 4417.8 |
| 70°    | 643.8  | 856.2  | 1068.3 | 1280.4 | 1660.2 | 2040.0 | 2419.5 | 2799.3 | 3369.8 | 3865.0 | 3887.8 |
| 72.5°  | 531.5  | 670.3  | 808.9  | 947.7  | 1255.4 | 1563.0 | 1870.4 | 2178.0 | 2678.9 | 3059.8 | 3188.4 |
| 75°    | 407.1  | 489.5  | 571.9  | 654.3  | 903.2  | 1152.1 | 1400.8 | 1649.7 | 1982.7 | 2263.8 | 2408.6 |
| 77.5°  | 291.1  | 333.9  | 376.6  | 419.4  | 631.0  | 842.5  | 1053.8 | 1265.3 | 1440.4 | 1599.8 | 1697.6 |
| 80°    | 191.0  | 211.0  | 231.2  | 251.2  | 427.1  | 603.0  | 778.6  | 954.6  | 1061.2 | 1146.7 | 1196.1 |
| 82.5°  | 115.8  | 125.7  | 135.4  | 145.4  | 288.0  | 430.5  | 572.8  | 715.4  | 776.4  | 817.1  | 861.0  |
| 85°    | 62.4   | 67.9   | 73.3   | 78.7   | 170.2  | 261.5  | 353.0  | 444.2  | 450.2  | 455.0  | 520.3  |
| 87.5°  | 18.2   | 20.0   | 21.4   | 22.8   | 37.6   | 52.7   | 67.6   | 82.4   | 51.3   | 31.9   | 65.6   |
| 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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**CANDELA DISTRIBUTION (continued):**

|        | 247.5° | 250° | 252.5° | 255° | 257.5° | 260° | 262.5° | 265° | 267.5° | 270° | 272.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 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°   | 277.5° | 280°   | 282.5° | 285°   | 287.5° | 290°   | 292.5° | 295°   | 297.5° | 300°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  |
| 2.5°   | 755.0  | 751.3  | 747.6  | 743.6  | 739.9  | 724.2  | 708.8  | 693.1  | 677.4  | 692.5  | 707.4  |
| 5°     | 940.3  | 951.7  | 962.8  | 974.2  | 985.6  | 986.5  | 987.1  | 987.9  | 988.5  | 991.3  | 994.2  |
| 7.5°   | 1073.7 | 1094.0 | 1113.9 | 1134.2 | 1154.4 | 1170.1 | 1185.8 | 1201.8 | 1217.4 | 1203.2 | 1188.9 |
| 10°    | 1085.1 | 1127.9 | 1170.7 | 1213.4 | 1256.2 | 1263.9 | 1271.3 | 1279.0 | 1286.7 | 1297.0 | 1307.0 |
| 12.5°  | 1096.6 | 1148.7 | 1200.6 | 1252.8 | 1305.0 | 1327.8 | 1350.3 | 1373.1 | 1395.6 | 1406.8 | 1417.6 |
| 15°    | 1217.2 | 1247.9 | 1278.5 | 1309.2 | 1339.8 | 1355.4 | 1370.8 | 1386.5 | 1402.2 | 1411.6 | 1420.7 |
| 17.5°  | 1372.3 | 1383.7 | 1394.8 | 1406.2 | 1417.6 | 1428.1 | 1438.7 | 1449.2 | 1459.8 | 1461.5 | 1463.2 |
| 20°    | 1513.7 | 1516.0 | 1517.9 | 1520.2 | 1522.2 | 1500.0 | 1478.0 | 1455.8 | 1433.6 | 1437.5 | 1441.3 |
| 22.5°  | 1725.8 | 1713.3 | 1701.0 | 1688.4 | 1676.2 | 1634.3 | 1592.6 | 1550.7 | 1509.1 | 1491.1 | 1473.5 |
| 25°    | 2045.1 | 2013.2 | 1981.3 | 1949.3 | 1917.4 | 1850.7 | 1784.2 | 1717.5 | 1651.1 | 1612.0 | 1573.3 |
| 27.5°  | 2148.1 | 2078.5 | 2009.2 | 1939.6 | 1870.1 | 1819.6 | 1769.4 | 1719.0 | 1668.8 | 1606.9 | 1545.0 |
| 30°    | 2356.2 | 2246.4 | 2136.9 | 2027.2 | 1917.4 | 1868.6 | 1819.9 | 1770.8 | 1722.1 | 1658.8 | 1595.8 |
| 32.5°  | 2540.7 | 2426.6 | 2312.6 | 2198.2 | 2084.2 | 1991.8 | 1899.4 | 1807.1 | 1714.7 | 1671.9 | 1629.1 |
| 35°    | 2754.2 | 2610.8 | 2467.4 | 2324.0 | 2180.6 | 2101.3 | 2022.3 | 1943.1 | 1864.1 | 1799.4 | 1734.9 |
| 37.5°  | 3065.3 | 2912.7 | 2760.2 | 2607.4 | 2454.8 | 2347.6 | 2240.7 | 2133.5 | 2026.6 | 1991.0 | 1955.6 |
| 40°    | 3361.8 | 3181.6 | 3001.7 | 2821.5 | 2641.6 | 2559.5 | 2477.4 | 2395.0 | 2312.8 | 2252.7 | 2192.5 |
| 42.5°  | 3610.1 | 3431.9 | 3254.0 | 3075.8 | 2897.9 | 2838.0 | 2778.4 | 2718.6 | 2659.0 | 2609.4 | 2559.8 |
| 45°    | 3695.4 | 3550.0 | 3404.8 | 3259.4 | 3114.0 | 3092.9 | 3072.1 | 3051.0 | 3030.2 | 2993.4 | 2956.6 |
| 47.5°  | 3832.5 | 3684.3 | 3536.3 | 3388.0 | 3239.8 | 3247.5 | 3255.2 | 3263.1 | 3270.8 | 3272.8 | 3274.5 |
| 50°    | 3913.2 | 3772.4 | 3631.8 | 3490.9 | 3350.4 | 3387.7 | 3424.8 | 3462.1 | 3499.5 | 3584.2 | 3668.6 |
| 52.5°  | 4030.9 | 3892.7 | 3754.7 | 3616.4 | 3478.1 | 3541.4 | 3604.4 | 3667.7 | 3730.7 | 3849.3 | 3967.9 |
| 55°    | 4178.6 | 4046.3 | 3914.3 | 3782.0 | 3650.0 | 3711.6 | 3772.9 | 3834.5 | 3895.8 | 4027.8 | 4159.8 |
| 57.5°  | 4374.5 | 4232.8 | 4091.4 | 3949.7 | 3808.3 | 3865.0 | 3921.5 | 3978.2 | 4034.7 | 4160.1 | 4285.6 |
| 60°    | 4597.5 | 4443.5 | 4289.5 | 4135.3 | 3981.3 | 3997.0 | 4012.4 | 4028.1 | 4043.5 | 4179.5 | 4315.2 |
| 62.5°  | 4707.0 | 4564.4 | 4422.1 | 4279.6 | 4137.0 | 4093.4 | 4049.8 | 4005.9 | 3962.2 | 4084.0 | 4205.4 |
| 65°    | 4612.0 | 4513.9 | 4416.1 | 4318.1 | 4220.0 | 4143.0 | 4066.3 | 3989.3 | 3912.3 | 3988.5 | 4064.3 |
| 67.5°  | 4309.8 | 4254.2 | 4198.9 | 4143.3 | 4087.7 | 3958.5 | 3829.4 | 3699.9 | 3570.8 | 3575.9 | 3580.8 |
| 70°    | 3820.0 | 3805.1 | 3790.6 | 3775.8 | 3760.9 | 3566.8 | 3372.9 | 3178.7 | 2984.6 | 2954.9 | 2925.3 |
| 72.5°  | 3199.3 | 3209.0 | 3218.4 | 3228.1 | 3237.8 | 3029.1 | 2820.4 | 2611.6 | 2402.9 | 2353.6 | 2304.3 |
| 75°    | 2477.9 | 2531.5 | 2585.1 | 2639.0 | 2692.6 | 2493.0 | 2293.5 | 2093.6 | 1894.0 | 1833.3 | 1772.6 |
| 77.5°  | 1750.9 | 1851.0 | 1950.8 | 2050.8 | 2150.9 | 1970.4 | 1790.2 | 1609.8 | 1429.3 | 1389.9 | 1350.6 |
| 80°    | 1220.9 | 1269.9 | 1318.9 | 1368.0 | 1417.0 | 1326.4 | 1235.7 | 1145.0 | 1054.4 | 1065.2 | 1075.7 |
| 82.5°  | 889.3  | 900.7  | 911.8  | 923.2  | 934.6  | 897.5  | 860.5  | 823.1  | 786.1  | 814.3  | 842.5  |
| 85°    | 569.7  | 610.4  | 650.9  | 691.7  | 732.2  | 691.1  | 650.1  | 608.7  | 567.7  | 586.5  | 605.3  |
| 87.5°  | 127.4  | 201.6  | 275.7  | 350.1  | 424.3  | 384.3  | 344.7  | 304.8  | 264.9  | 246.9  | 229.2  |
| 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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**CANDELA DISTRIBUTION (continued):**

|        | 275° | 277.5° | 280° | 282.5° | 285° | 287.5° | 290° | 292.5° | 295° | 297.5° | 300° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 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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CATALOG NUMBER: MSA-SA1D-760-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 302.5° | 305°   | 307.5° | 310°   | 312.5° | 315°   | 317.5° | 320°   | 322.5° | 325°   | 327.5° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  |
| 2.5°   | 722.5  | 737.6  | 733.0  | 728.8  | 724.2  | 719.6  | 727.9  | 736.2  | 744.7  | 753.0  | 750.1  |
| 5°     | 997.3  | 1000.2 | 973.1  | 946.3  | 919.2  | 892.1  | 908.9  | 925.8  | 942.6  | 959.4  | 953.4  |
| 7.5°   | 1174.7 | 1160.4 | 1144.7 | 1129.1 | 1113.1 | 1097.4 | 1094.0 | 1090.6 | 1086.9 | 1083.4 | 1078.9 |
| 10°    | 1317.2 | 1327.2 | 1316.9 | 1307.0 | 1296.7 | 1286.4 | 1262.5 | 1238.5 | 1214.3 | 1190.4 | 1180.4 |
| 12.5°  | 1428.7 | 1439.8 | 1442.4 | 1444.7 | 1447.2 | 1449.8 | 1423.0 | 1396.5 | 1369.7 | 1342.9 | 1318.7 |
| 15°    | 1430.1 | 1439.5 | 1447.8 | 1455.8 | 1464.1 | 1472.0 | 1455.5 | 1439.3 | 1422.7 | 1406.2 | 1398.5 |
| 17.5°  | 1465.2 | 1466.9 | 1460.1 | 1453.5 | 1446.7 | 1440.1 | 1433.6 | 1427.3 | 1420.7 | 1414.5 | 1402.2 |
| 20°    | 1445.2 | 1449.2 | 1448.4 | 1447.5 | 1446.4 | 1445.5 | 1446.1 | 1446.4 | 1447.0 | 1447.2 | 1440.4 |
| 22.5°  | 1455.5 | 1437.5 | 1441.3 | 1444.7 | 1448.4 | 1451.8 | 1462.1 | 1472.3 | 1482.9 | 1493.1 | 1520.5 |
| 25°    | 1534.2 | 1495.1 | 1489.2 | 1483.5 | 1477.5 | 1471.8 | 1498.6 | 1525.1 | 1551.9 | 1578.7 | 1623.2 |
| 27.5°  | 1482.9 | 1421.0 | 1407.3 | 1393.6 | 1380.0 | 1366.3 | 1407.0 | 1447.5 | 1488.3 | 1529.1 | 1574.4 |
| 30°    | 1532.5 | 1469.5 | 1439.3 | 1409.0 | 1378.5 | 1348.3 | 1387.4 | 1426.1 | 1465.2 | 1504.0 | 1554.2 |
| 32.5°  | 1586.4 | 1543.6 | 1523.4 | 1503.4 | 1483.2 | 1463.2 | 1466.3 | 1469.5 | 1472.6 | 1475.8 | 1546.5 |
| 35°    | 1670.2 | 1605.5 | 1585.5 | 1565.6 | 1545.6 | 1525.6 | 1559.0 | 1592.1 | 1625.4 | 1658.5 | 1718.4 |
| 37.5°  | 1920.0 | 1884.3 | 1848.4 | 1812.5 | 1776.3 | 1740.3 | 1760.0 | 1779.7 | 1799.4 | 1819.0 | 1875.5 |
| 40°    | 2132.4 | 2072.2 | 2066.2 | 2060.5 | 2054.5 | 2048.5 | 2050.3 | 2051.7 | 2053.4 | 2055.1 | 2103.3 |
| 42.5°  | 2509.9 | 2460.3 | 2429.7 | 2399.2 | 2368.7 | 2338.2 | 2336.2 | 2334.2 | 2332.0 | 2330.0 | 2366.2 |
| 45°    | 2919.6 | 2882.8 | 2860.0 | 2837.2 | 2814.1 | 2791.3 | 2755.1 | 2718.9 | 2682.4 | 2646.1 | 2677.8 |
| 47.5°  | 3276.5 | 3278.5 | 3319.9 | 3360.9 | 3402.3 | 3443.6 | 3381.7 | 3319.9 | 3258.0 | 3196.1 | 3155.4 |
| 50°    | 3753.2 | 3837.6 | 3847.6 | 3857.3 | 3867.3 | 3877.3 | 3772.4 | 3667.7 | 3562.8 | 3457.9 | 3415.1 |
| 52.5°  | 4086.8 | 4205.4 | 4190.0 | 4174.9 | 4159.5 | 4144.1 | 4083.4 | 4023.0 | 3962.2 | 3901.5 | 3808.3 |
| 55°    | 4292.1 | 4424.1 | 4412.4 | 4401.0 | 4389.3 | 4377.6 | 4333.5 | 4289.3 | 4245.1 | 4200.9 | 4098.5 |
| 57.5°  | 4411.0 | 4536.5 | 4539.9 | 4543.3 | 4546.7 | 4550.1 | 4538.5 | 4526.8 | 4515.1 | 4503.4 | 4370.2 |
| 60°    | 4451.2 | 4587.2 | 4588.6 | 4589.8 | 4591.2 | 4592.3 | 4573.8 | 4555.3 | 4536.5 | 4517.9 | 4431.0 |
| 62.5°  | 4327.2 | 4448.6 | 4454.1 | 4459.2 | 4464.6 | 4470.0 | 4457.2 | 4444.4 | 4431.5 | 4418.7 | 4354.3 |
| 65°    | 4140.4 | 4216.6 | 4218.0 | 4219.1 | 4220.6 | 4222.0 | 4189.5 | 4157.3 | 4124.8 | 4092.2 | 4076.9 |
| 67.5°  | 3585.9 | 3591.0 | 3621.2 | 3651.5 | 3681.7 | 3711.9 | 3714.5 | 3717.0 | 3719.9 | 3722.5 | 3700.2 |
| 70°    | 2895.6 | 2866.0 | 2898.8 | 2931.5 | 2964.3 | 2997.1 | 3011.1 | 3025.1 | 3039.3 | 3053.3 | 3063.6 |
| 72.5°  | 2254.7 | 2205.4 | 2229.6 | 2253.8 | 2278.4 | 2302.6 | 2281.8 | 2261.0 | 2240.1 | 2219.3 | 2285.2 |
| 75°    | 1711.8 | 1651.1 | 1648.0 | 1645.1 | 1642.0 | 1639.1 | 1628.6 | 1618.0 | 1607.2 | 1596.6 | 1658.2 |
| 77.5°  | 1311.0 | 1271.6 | 1273.6 | 1275.3 | 1277.3 | 1279.0 | 1268.2 | 1257.6 | 1246.8 | 1236.0 | 1259.6 |
| 80°    | 1086.6 | 1097.1 | 1097.4 | 1097.7 | 1098.0 | 1098.3 | 1088.0 | 1078.0 | 1067.8 | 1057.5 | 1040.4 |
| 82.5°  | 871.0  | 899.3  | 899.0  | 899.0  | 898.7  | 898.4  | 897.8  | 897.3  | 896.4  | 895.8  | 867.9  |
| 85°    | 624.1  | 642.9  | 623.5  | 604.2  | 584.8  | 565.4  | 579.6  | 593.9  | 608.4  | 622.7  | 611.0  |
| 87.5°  | 211.3  | 193.6  | 170.5  | 147.7  | 124.6  | 101.5  | 126.3  | 151.1  | 176.2  | 201.0  | 215.3  |
| 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    |



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 CATALOG NUMBER: MSA-SA1D-760-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 302.5° | 305° | 307.5° | 310° | 312.5° | 315° | 317.5° | 320° | 322.5° | 325° | 327.5° |
|--------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| 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: P367096

CATALOG NUMBER: MSA-SA1D-760-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 332.5° | 335°   | 337.5° | 340°   | 342.5° | 345°   | 347.5° | 350°   | 352.5° | 355°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  | 619.6  |
| 2.5°   | 747.6  | 744.7  | 742.2  | 724.2  | 705.9  | 688.0  | 669.7  | 702.8  | 736.2  | 769.2  | 802.3  |
| 5°     | 947.7  | 941.7  | 936.0  | 934.6  | 933.2  | 931.5  | 930.0  | 946.9  | 963.7  | 980.2  | 997.0  |
| 7.5°   | 1074.3 | 1069.7 | 1065.2 | 1053.2 | 1041.5 | 1029.5 | 1017.6 | 1027.8 | 1037.8 | 1048.1 | 1058.1 |
| 10°    | 1170.7 | 1160.7 | 1150.7 | 1124.8 | 1099.1 | 1073.2 | 1047.2 | 1039.5 | 1031.8 | 1024.1 | 1016.4 |
| 12.5°  | 1294.4 | 1269.9 | 1245.7 | 1216.3 | 1186.6 | 1157.3 | 1127.6 | 1123.6 | 1119.6 | 1115.9 | 1111.9 |
| 15°    | 1391.1 | 1383.4 | 1375.7 | 1352.3 | 1328.9 | 1305.5 | 1282.2 | 1250.8 | 1219.1 | 1187.8 | 1156.4 |
| 17.5°  | 1390.2 | 1378.0 | 1366.0 | 1397.3 | 1428.4 | 1459.8 | 1490.9 | 1457.5 | 1423.9 | 1390.5 | 1357.1 |
| 20°    | 1433.6 | 1426.4 | 1419.6 | 1477.5 | 1535.1 | 1592.9 | 1650.5 | 1632.3 | 1613.7 | 1595.5 | 1577.0 |
| 22.5°  | 1547.6 | 1575.0 | 1602.1 | 1651.7 | 1701.0 | 1750.6 | 1799.9 | 1820.7 | 1841.6 | 1862.4 | 1883.2 |
| 25°    | 1667.3 | 1711.8 | 1756.3 | 1830.2 | 1903.7 | 1977.6 | 2051.4 | 2066.2 | 2081.1 | 2095.9 | 2110.7 |
| 27.5°  | 1619.5 | 1664.8 | 1710.1 | 1766.0 | 1821.6 | 1877.5 | 1933.1 | 1998.1 | 2063.4 | 2128.4 | 2193.4 |
| 30°    | 1604.1 | 1654.2 | 1704.1 | 1780.8 | 1857.2 | 1933.9 | 2010.6 | 2100.2 | 2189.7 | 2278.9 | 2368.4 |
| 32.5°  | 1616.9 | 1687.6 | 1758.3 | 1862.1 | 1965.6 | 2069.4 | 2173.1 | 2267.2 | 2361.6 | 2455.7 | 2549.8 |
| 35°    | 1778.0 | 1837.8 | 1897.4 | 2013.5 | 2129.5 | 2245.6 | 2361.6 | 2471.9 | 2582.3 | 2692.3 | 2802.7 |
| 37.5°  | 1931.7 | 1988.1 | 2044.6 | 2163.2 | 2281.5 | 2400.1 | 2518.7 | 2692.9 | 2867.4 | 3041.6 | 3215.8 |
| 40°    | 2151.2 | 2199.4 | 2247.3 | 2348.8 | 2450.3 | 2551.8 | 2653.3 | 2863.4 | 3073.5 | 3283.7 | 3493.8 |
| 42.5°  | 2402.1 | 2438.3 | 2474.2 | 2579.4 | 2684.6 | 2789.8 | 2895.1 | 3123.7 | 3352.7 | 3581.3 | 3810.0 |
| 45°    | 2709.2 | 2740.8 | 2772.5 | 2844.9 | 2917.3 | 2990.0 | 3062.4 | 3298.2 | 3534.0 | 3769.8 | 4005.6 |
| 47.5°  | 3114.6 | 3073.8 | 3033.0 | 3068.7 | 3104.3 | 3140.0 | 3175.6 | 3408.8 | 3642.1 | 3875.0 | 4108.2 |
| 50°    | 3372.3 | 3329.6 | 3286.8 | 3289.9 | 3292.8 | 3295.9 | 3299.1 | 3516.6 | 3734.1 | 3951.4 | 4168.9 |
| 52.5°  | 3715.0 | 3621.5 | 3528.3 | 3527.4 | 3526.6 | 3525.4 | 3524.6 | 3714.2 | 3904.1 | 4093.7 | 4283.3 |
| 55°    | 3996.2 | 3893.8 | 3791.5 | 3771.5 | 3751.5 | 3731.3 | 3711.3 | 3898.9 | 4086.3 | 4273.9 | 4461.2 |
| 57.5°  | 4237.1 | 4103.7 | 3970.5 | 3939.1 | 3907.8 | 3876.4 | 3845.1 | 4047.2 | 4249.6 | 4451.8 | 4653.9 |
| 60°    | 4344.3 | 4257.3 | 4170.7 | 4132.2 | 4093.7 | 4055.2 | 4016.7 | 4188.9 | 4361.1 | 4533.0 | 4705.2 |
| 62.5°  | 4290.1 | 4225.7 | 4161.5 | 4170.4 | 4179.2 | 4188.0 | 4196.9 | 4295.3 | 4393.9 | 4492.3 | 4590.6 |
| 65°    | 4061.7 | 4046.3 | 4031.2 | 4102.5 | 4173.8 | 4245.1 | 4316.3 | 4317.8 | 4319.2 | 4320.6 | 4322.1 |
| 67.5°  | 3678.0 | 3655.7 | 3633.5 | 3781.8 | 3929.7 | 4078.0 | 4226.3 | 4155.8 | 4085.4 | 4015.3 | 3944.8 |
| 70°    | 3073.5 | 3083.8 | 3093.8 | 3295.6 | 3497.2 | 3699.1 | 3900.9 | 3798.9 | 3696.5 | 3594.4 | 3492.1 |
| 72.5°  | 2351.1 | 2417.2 | 2483.1 | 2692.3 | 2901.6 | 3110.9 | 3320.2 | 3203.5 | 3086.6 | 2970.0 | 2853.1 |
| 75°    | 1719.8 | 1781.4 | 1843.0 | 2049.7 | 2256.4 | 2463.4 | 2670.1 | 2531.5 | 2393.0 | 2254.7 | 2116.1 |
| 77.5°  | 1283.3 | 1307.3 | 1330.9 | 1502.8 | 1674.5 | 1846.4 | 2018.0 | 1878.9 | 1739.8 | 1600.9 | 1461.8 |
| 80°    | 1023.6 | 1006.5 | 989.6  | 1084.9 | 1180.1 | 1275.3 | 1370.5 | 1271.9 | 1173.0 | 1074.3 | 975.7  |
| 82.5°  | 840.2  | 812.3  | 784.6  | 820.0  | 855.3  | 891.0  | 926.3  | 847.4  | 768.4  | 689.4  | 610.4  |
| 85°    | 599.3  | 587.6  | 575.9  | 586.2  | 596.2  | 606.4  | 616.7  | 539.7  | 462.7  | 386.0  | 309.1  |
| 87.5°  | 229.2  | 243.5  | 257.7  | 274.0  | 290.0  | 306.2  | 322.2  | 252.3  | 182.5  | 112.9  | 43.1   |
| 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: P367096  
 CATALOG NUMBER: MSA-SA1D-760-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 330° | 332.5° | 335° | 337.5° | 340° | 342.5° | 345° | 347.5° | 350° | 352.5° | 355° |
|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|
| 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: P367096  
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**CANDELA DISTRIBUTION (continued):**

|        | 357.5° | 360°   |
|--------|--------|--------|
| 0°     | 619.6  | 619.6  |
| 2.5°   | 816.0  | 829.7  |
| 5°     | 996.8  | 996.5  |
| 7.5°   | 1053.5 | 1048.7 |
| 10°    | 1003.9 | 991.3  |
| 12.5°  | 1074.9 | 1037.5 |
| 15°    | 1119.4 | 1082.0 |
| 17.5°  | 1301.0 | 1244.5 |
| 20°    | 1510.0 | 1442.7 |
| 22.5°  | 1780.8 | 1678.5 |
| 25°    | 1988.4 | 1865.8 |
| 27.5°  | 2120.7 | 2047.7 |
| 30°    | 2284.9 | 2201.4 |
| 32.5°  | 2488.2 | 2426.3 |
| 35°    | 2746.2 | 2689.5 |
| 37.5°  | 3198.1 | 3180.2 |
| 40°    | 3472.4 | 3450.7 |
| 42.5°  | 3810.8 | 3811.4 |
| 45°    | 4018.4 | 4031.2 |
| 47.5°  | 4140.7 | 4172.9 |
| 50°    | 4238.2 | 4307.2 |
| 52.5°  | 4377.6 | 4472.0 |
| 55°    | 4586.6 | 4711.8 |
| 57.5°  | 4760.6 | 4867.2 |
| 60°    | 4760.6 | 4815.6 |
| 62.5°  | 4589.2 | 4587.5 |
| 65°    | 4295.5 | 4268.7 |
| 67.5°  | 3911.2 | 3877.6 |
| 70°    | 3439.6 | 3386.9 |
| 72.5°  | 2787.8 | 2722.3 |
| 75°    | 2026.3 | 1936.2 |
| 77.5°  | 1419.0 | 1376.0 |
| 80°    | 996.5  | 1017.3 |
| 82.5°  | 640.1  | 669.7  |
| 85°    | 304.5  | 299.9  |
| 87.5°  | 35.9   | 28.8   |
| 90°    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    |



REPORT NUMBER: P367096  
CATALOG NUMBER: MSA-SA1D-760-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 357.5° | 360° |
|--------|--------|------|
| 112.5° | 0.0    | 0.0  |
| 115°   | 0.0    | 0.0  |
| 117.5° | 0.0    | 0.0  |
| 120°   | 0.0    | 0.0  |
| 122.5° | 0.0    | 0.0  |
| 125°   | 0.0    | 0.0  |
| 127.5° | 0.0    | 0.0  |
| 130°   | 0.0    | 0.0  |
| 132.5° | 0.0    | 0.0  |
| 135°   | 0.0    | 0.0  |
| 137.5° | 0.0    | 0.0  |
| 140°   | 0.0    | 0.0  |
| 142.5° | 0.0    | 0.0  |
| 145°   | 0.0    | 0.0  |
| 147.5° | 0.0    | 0.0  |
| 150°   | 0.0    | 0.0  |
| 152.5° | 0.0    | 0.0  |
| 155°   | 0.0    | 0.0  |
| 157.5° | 0.0    | 0.0  |
| 160°   | 0.0    | 0.0  |
| 162.5° | 0.0    | 0.0  |
| 165°   | 0.0    | 0.0  |
| 167.5° | 0.0    | 0.0  |
| 170°   | 0.0    | 0.0  |
| 172.5° | 0.0    | 0.0  |
| 175°   | 0.0    | 0.0  |
| 177.5° | 0.0    | 0.0  |
| 180°   | 0.0    | 0.0  |

(END OF REPORT)