

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: STREETWORKS

Report Number: P320571

Luminaire Tested: **GAN-SA7C-727-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320571  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GAN-SA7C-727-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(7) 70 CRI, 2700K, 1050mA 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: 36769 lumens  
Efficiency: N/A  
Efficacy: 94.0 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B3 - U0 - G5

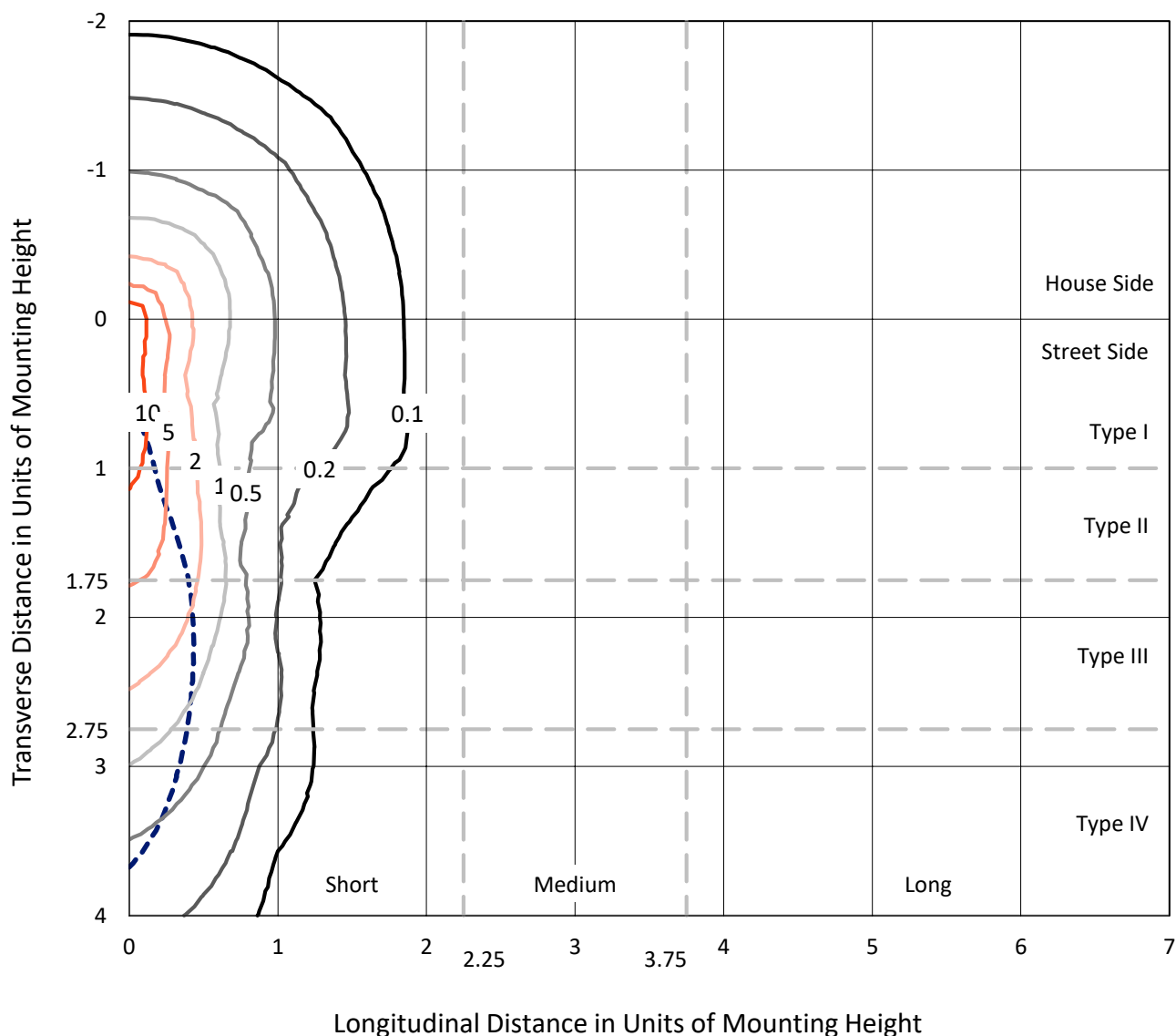
Input Watts (W): 391  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

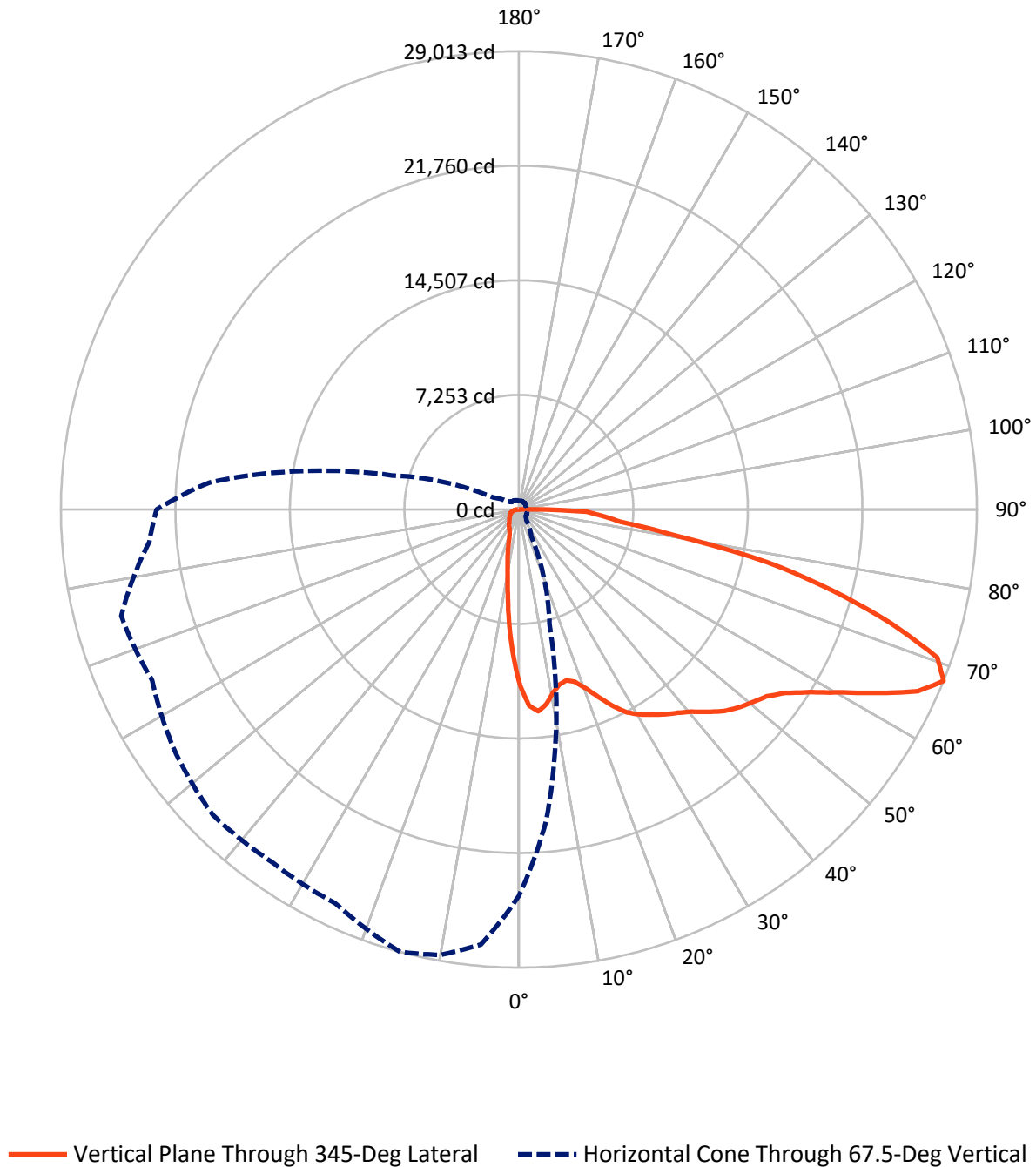
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17.9 fc  
 Type IV - Medium - N/A

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## Luminous Intensity Polar Plot



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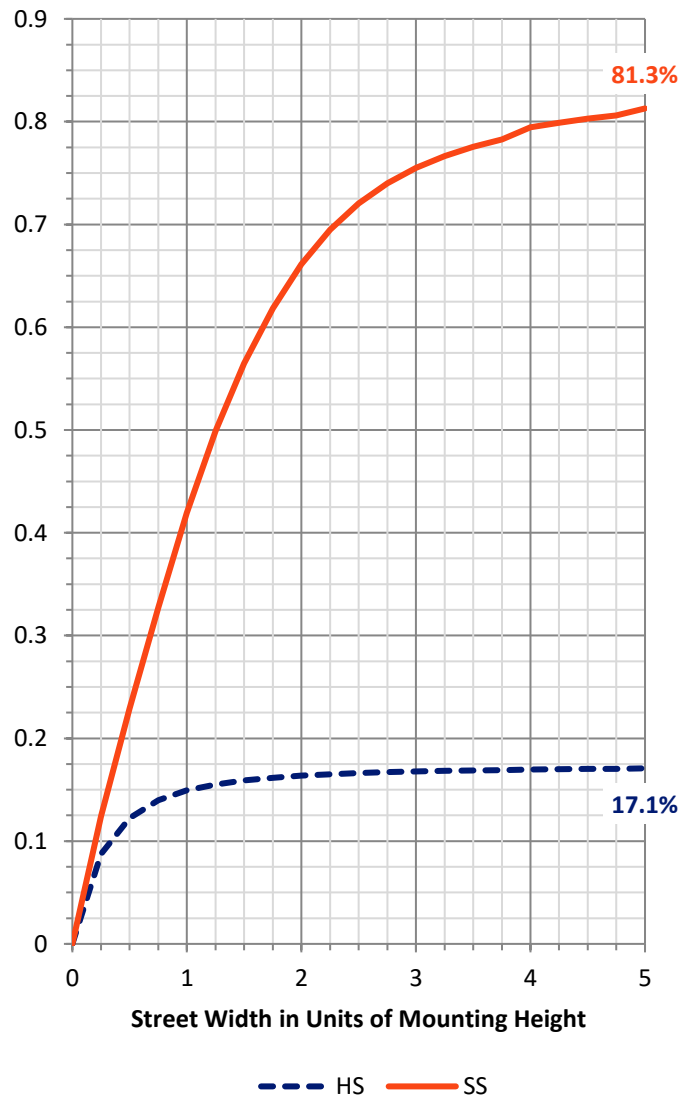
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 6356.6   | 0.0    | 6356.6  |
|                    | % Fixture | 17.3     | 0.0    | 17.3    |
| <b>Street Side</b> | Lumens    | 30412.4  | 0.0    | 30412.4 |
|                    | % Fixture | 82.7     | 0.0    | 82.7    |
| <b>Total</b>       | Lumens    | 36769.0  | 0.0    | 36769.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 864.5   | 2.4       |
| 10°-20°   | 1796.0  | 4.9       |
| 20°-30°   | 2554.3  | 6.9       |
| 30°-40°   | 3680.7  | 10.0      |
| 40°-50°   | 5187.2  | 14.1      |
| 50°-60°   | 7211.1  | 19.6      |
| 60°-70°   | 8720.3  | 23.7      |
| 70°-80°   | 5360.2  | 14.6      |
| 80°-90°   | 1394.8  | 3.8       |
| 90°-100°  | 0.0     | 0.0       |
| 100°-110° | 0.0     | 0.0       |
| 110°-120° | 0.0     | 0.0       |
| 120°-130° | 0.0     | 0.0       |
| 130°-140° | 0.0     | 0.0       |
| 140°-150° | 0.0     | 0.0       |
| 150°-160° | 0.0     | 0.0       |
| 160°-170° | 0.0     | 0.0       |
| 170°-180° | 0.0     | 0.0       |
| 0°-90°    | 36769.0 | 100.0     |
| 0°-180°   | 36769.0 | 100.0     |

**Coefficient of Utilization**



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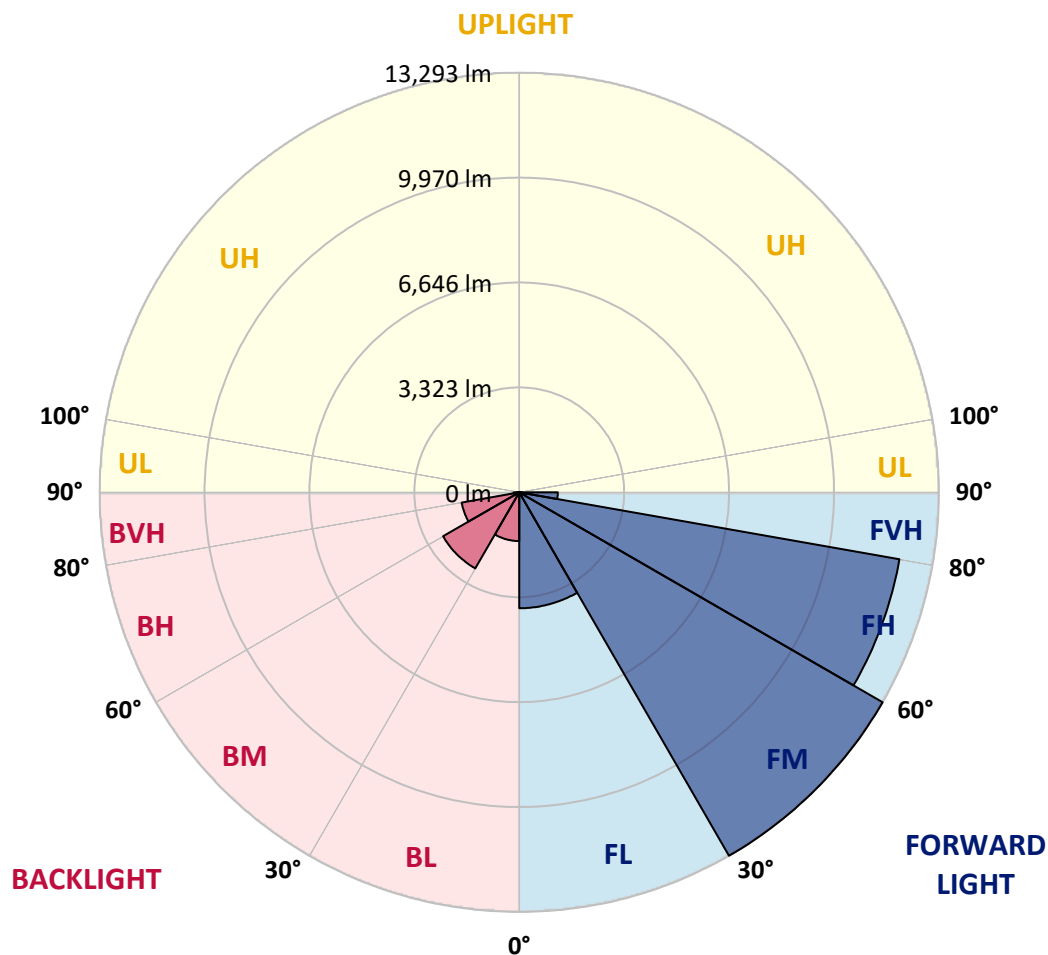
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 3671.5  | 10.0      |                         |      |         |
| FM   | (30°-60°)   | 13292.9 | 36.2      |                         |      |         |
| FH   | (60°-80°)   | 12228.1 | 33.3      |                         |      | G5      |
| FVH  | (80°-90°)   | 1219.9  | 3.3       |                         |      | G5      |
| BL   | (0°-30°)    | 1543.3  | 4.2       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 2786.0  | 7.6       | B3/5000                 |      |         |
| BH   | (60°-80°)   | 1852.4  | 5.0       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 174.8   | 0.5       |                         |      | G2/225  |
| UL   | (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0     | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G5**

Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°      | 5°      | 10°     | 15°     | 20°     | 25°     | 30°     | 35°     | 40°     | 45°     | 50°     |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 |
| 2.5°   | 12000.2 | 11894.3 | 11734.1 | 11573.9 | 11454.8 | 11334.2 | 11197.5 | 11060.8 | 10905.0 | 10747.7 | 10655.1 |
| 5°     | 11801.7 | 11507.7 | 11125.5 | 10743.3 | 10490.4 | 10237.6 | 9950.9  | 9664.2  | 9380.5  | 9096.8  | 8943.9  |
| 7.5°   | 10907.9 | 10466.9 | 9970.0  | 9473.1  | 9105.6  | 8736.6  | 8339.7  | 7941.3  | 7588.5  | 7234.2  | 7015.2  |
| 10°    | 10028.8 | 9499.6  | 8929.2  | 8357.3  | 7886.9  | 7416.5  | 7018.1  | 6618.3  | 6352.2  | 6086.1  | 5884.7  |
| 12.5°  | 9398.2  | 8811.6  | 8183.9  | 7554.7  | 7084.3  | 6613.8  | 6361.0  | 6108.1  | 5887.6  | 5667.1  | 5434.8  |
| 15°    | 9148.2  | 8485.2  | 7842.8  | 7198.9  | 6771.1  | 6343.4  | 6062.6  | 5780.3  | 5484.8  | 5187.9  | 4902.7  |
| 17.5°  | 9368.8  | 8592.6  | 7894.3  | 7196.0  | 6635.9  | 6075.8  | 5683.3  | 5289.3  | 4899.7  | 4510.2  | 4179.4  |
| 20°    | 10056.7 | 9065.9  | 8153.0  | 7238.6  | 6493.3  | 5748.0  | 5221.7  | 4693.9  | 4194.1  | 3694.3  | 3319.4  |
| 22.5°  | 11022.6 | 9711.3  | 8519.1  | 7326.8  | 6363.9  | 5399.6  | 4739.5  | 4078.0  | 3487.0  | 2896.0  | 2528.5  |
| 25°    | 12195.7 | 10566.9 | 9046.8  | 7525.3  | 6311.0  | 5095.3  | 4283.8  | 3472.3  | 2849.0  | 2224.2  | 1962.5  |
| 27.5°  | 13432.0 | 11587.1 | 9702.5  | 7816.4  | 6319.8  | 4823.3  | 3900.1  | 2975.4  | 2413.9  | 1852.3  | 1672.9  |
| 30°    | 14462.5 | 12752.9 | 10466.9 | 8179.5  | 6353.6  | 4527.8  | 3538.5  | 2549.1  | 2086.0  | 1623.0  | 1506.8  |
| 32.5°  | 15404.9 | 13565.8 | 11043.2 | 8519.1  | 6391.9  | 4263.2  | 3259.1  | 2253.6  | 1875.8  | 1496.5  | 1401.0  |
| 35°    | 16378.0 | 14287.6 | 11446.0 | 8602.8  | 6325.7  | 4047.1  | 3068.0  | 2089.0  | 1740.6  | 1390.7  | 1309.8  |
| 37.5°  | 17449.7 | 15068.2 | 11834.1 | 8598.4  | 6214.0  | 3829.5  | 2919.6  | 2008.1  | 1652.4  | 1295.1  | 1236.3  |
| 40°    | 18644.9 | 15931.1 | 12254.5 | 8577.9  | 6112.5  | 3645.8  | 2809.3  | 1971.4  | 1603.8  | 1234.9  | 1184.9  |
| 42.5°  | 19813.6 | 16754.4 | 12645.5 | 8536.7  | 6030.2  | 3522.3  | 2700.5  | 1878.7  | 1559.7  | 1239.3  | 1168.7  |
| 45°    | 20691.2 | 17473.2 | 12985.1 | 8495.5  | 5968.5  | 3441.4  | 2615.3  | 1789.1  | 1518.6  | 1248.1  | 1158.4  |
| 47.5°  | 21357.2 | 18195.1 | 13361.5 | 8526.4  | 5962.6  | 3398.8  | 2555.0  | 1711.2  | 1440.7  | 1168.7  | 1132.0  |
| 50°    | 22203.9 | 19062.4 | 13909.8 | 8757.2  | 6043.5  | 3329.7  | 2484.4  | 1637.7  | 1365.7  | 1093.7  | 1143.7  |
| 52.5°  | 23258.0 | 20300.2 | 14759.5 | 9217.3  | 6212.5  | 3207.7  | 2372.7  | 1537.7  | 1274.6  | 1009.9  | 1087.9  |
| 55°    | 24806.0 | 21886.4 | 15845.9 | 9803.9  | 6416.9  | 3028.3  | 2203.6  | 1377.5  | 1154.0  | 929.1   | 998.2   |
| 57.5°  | 26195.2 | 23488.8 | 16888.2 | 10286.1 | 6544.7  | 2802.0  | 1990.5  | 1179.0  | 1018.8  | 858.5   | 898.2   |
| 60°    | 26814.1 | 24315.0 | 17376.2 | 10436.0 | 6468.3  | 2500.6  | 1750.9  | 999.6   | 899.7   | 799.7   | 792.4   |
| 62.5°  | 26573.0 | 23790.1 | 16895.5 | 10000.9 | 6094.9  | 2188.9  | 1539.2  | 889.4   | 814.4   | 738.0   | 721.8   |
| 65°    | 25867.3 | 22140.7 | 15548.9 | 8957.1  | 5464.2  | 1971.4  | 1405.4  | 839.4   | 755.6   | 671.8   | 654.2   |
| 67.5°  | 24476.7 | 19793.0 | 13640.8 | 7488.5  | 4663.1  | 1837.6  | 1328.9  | 820.3   | 718.9   | 616.0   | 595.4   |
| 70°    | 21980.5 | 16967.5 | 11443.0 | 5917.0  | 3836.9  | 1755.3  | 1279.0  | 802.7   | 679.2   | 554.2   | 535.1   |
| 72.5°  | 18053.9 | 13604.0 | 9138.0  | 4670.4  | 3207.7  | 1745.0  | 1273.1  | 801.2   | 646.8   | 492.5   | 474.8   |
| 75°    | 12926.3 | 10333.1 | 6975.5  | 3616.4  | 2627.0  | 1637.7  | 1208.4  | 779.1   | 602.7   | 424.9   | 408.7   |
| 77.5°  | 8698.4  | 7151.9  | 4848.3  | 2543.2  | 1949.3  | 1355.4  | 1015.8  | 676.2   | 516.0   | 355.8   | 339.6   |
| 80°    | 5586.3  | 4949.7  | 3248.9  | 1548.0  | 1264.3  | 980.5   | 726.2   | 471.9   | 376.3   | 279.3   | 266.1   |
| 82.5°  | 4098.6  | 3684.0  | 2258.0  | 832.1   | 702.7   | 571.9   | 444.0   | 316.1   | 257.3   | 198.5   | 192.6   |
| 85°    | 2605.0  | 2872.5  | 1662.6  | 452.8   | 370.5   | 288.1   | 238.2   | 188.2   | 148.5   | 108.8   | 108.8   |
| 87.5°  | 505.7   | 699.8   | 460.1   | 219.0   | 160.2   | 101.4   | 86.7    | 70.6    | 39.7    | 7.4     | 8.8     |
| 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°  | 5°  | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 112.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 115°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 117.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 120°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 122.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 125°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 127.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 130°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 132.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 137.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 140°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 142.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 145°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 147.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 150°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 152.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 155°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 157.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 160°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 162.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 165°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 167.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 170°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 172.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 175°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 177.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 180°   | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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**CANDELA DISTRIBUTION (continued):**

|        | 55°     | 60°     | 65°     | 70°     | 75°     | 80°     | 85°     | 90°     | 95°     | 100°    | 105°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 |
| 2.5°   | 10561.0 | 10459.5 | 10358.1 | 10243.4 | 10127.3 | 10020.0 | 9911.2  | 9792.1  | 9814.2  | 9723.0  | 9631.9  |
| 5°     | 8791.0  | 8629.3  | 8466.1  | 8325.0  | 8183.9  | 8061.9  | 7938.4  | 7828.1  | 7923.7  | 7859.0  | 7794.3  |
| 7.5°   | 6794.7  | 6594.7  | 6393.3  | 6224.3  | 6055.2  | 5924.4  | 5792.1  | 5700.9  | 5795.0  | 5783.3  | 5771.5  |
| 10°    | 5683.3  | 5489.2  | 5293.7  | 5107.0  | 4920.3  | 4761.6  | 4601.3  | 4466.1  | 4442.6  | 4374.9  | 4305.8  |
| 12.5°  | 5201.1  | 4935.0  | 4667.5  | 4472.0  | 4276.4  | 4086.8  | 3897.2  | 3738.4  | 3666.4  | 3554.6  | 3441.4  |
| 15°    | 4617.5  | 4302.9  | 3988.3  | 3766.3  | 3542.9  | 3359.1  | 3173.9  | 3037.2  | 2991.6  | 2904.9  | 2818.1  |
| 17.5°  | 3848.6  | 3504.6  | 3160.6  | 2935.7  | 2709.3  | 2562.3  | 2413.9  | 2322.7  | 2322.7  | 2297.7  | 2272.7  |
| 20°    | 2944.5  | 2637.3  | 2330.1  | 2158.1  | 1986.1  | 1908.2  | 1828.8  | 1790.5  | 1802.3  | 1803.8  | 1803.8  |
| 22.5°  | 2159.5  | 1971.4  | 1783.2  | 1714.1  | 1643.5  | 1615.6  | 1587.7  | 1571.5  | 1577.4  | 1578.9  | 1580.3  |
| 25°    | 1700.9  | 1628.8  | 1555.3  | 1520.1  | 1483.3  | 1465.7  | 1448.0  | 1442.1  | 1455.4  | 1456.8  | 1456.8  |
| 27.5°  | 1493.6  | 1449.5  | 1403.9  | 1381.9  | 1358.3  | 1351.0  | 1343.6  | 1333.4  | 1346.6  | 1346.6  | 1345.1  |
| 30°    | 1389.2  | 1342.2  | 1295.1  | 1267.2  | 1239.3  | 1242.2  | 1243.7  | 1240.7  | 1249.6  | 1255.4  | 1259.8  |
| 32.5°  | 1304.0  | 1258.4  | 1212.8  | 1184.9  | 1155.5  | 1151.1  | 1146.7  | 1143.7  | 1162.8  | 1173.1  | 1183.4  |
| 35°    | 1227.5  | 1177.5  | 1127.5  | 1101.1  | 1074.6  | 1064.3  | 1054.0  | 1046.7  | 1064.3  | 1077.6  | 1090.8  |
| 37.5°  | 1176.1  | 1124.6  | 1071.7  | 1046.7  | 1020.2  | 1007.0  | 993.8   | 984.9   | 992.3   | 998.2   | 1004.1  |
| 40°    | 1134.9  | 1082.0  | 1027.6  | 998.2   | 968.8   | 955.5   | 942.3   | 935.0   | 939.4   | 940.8   | 942.3   |
| 42.5°  | 1096.7  | 1045.2  | 993.8   | 961.4   | 927.6   | 911.4   | 895.3   | 886.5   | 889.4   | 892.3   | 893.8   |
| 45°    | 1068.7  | 1017.3  | 964.4   | 926.1   | 886.5   | 868.8   | 851.2   | 840.9   | 842.3   | 842.3   | 842.3   |
| 47.5°  | 1095.2  | 1020.2  | 943.8   | 899.7   | 854.1   | 833.5   | 812.9   | 802.7   | 799.7   | 796.8   | 793.8   |
| 50°    | 1192.2  | 1064.3  | 935.0   | 879.1   | 821.8   | 799.7   | 776.2   | 764.4   | 757.1   | 754.1   | 751.2   |
| 52.5°  | 1164.3  | 1054.0  | 942.3   | 870.3   | 796.8   | 770.3   | 743.9   | 724.7   | 717.4   | 713.0   | 708.6   |
| 55°    | 1065.8  | 996.7   | 926.1   | 839.4   | 752.7   | 729.2   | 704.2   | 690.9   | 677.7   | 674.8   | 671.8   |
| 57.5°  | 936.4   | 908.5   | 880.6   | 792.4   | 704.2   | 682.1   | 658.6   | 649.8   | 638.0   | 638.0   | 636.5   |
| 60°    | 783.5   | 824.7   | 865.9   | 764.4   | 661.5   | 636.5   | 611.5   | 604.2   | 599.8   | 598.3   | 596.8   |
| 62.5°  | 704.2   | 771.8   | 837.9   | 730.6   | 621.8   | 595.4   | 568.9   | 560.1   | 558.6   | 560.1   | 560.1   |
| 65°    | 636.5   | 657.1   | 677.7   | 627.7   | 577.7   | 551.3   | 523.3   | 514.5   | 517.5   | 521.9   | 526.3   |
| 67.5°  | 574.8   | 570.4   | 566.0   | 548.3   | 529.2   | 507.2   | 483.7   | 474.8   | 476.3   | 482.2   | 488.1   |
| 70°    | 516.0   | 510.1   | 502.8   | 489.5   | 476.3   | 457.2   | 438.1   | 432.2   | 430.7   | 438.1   | 444.0   |
| 72.5°  | 457.2   | 449.8   | 441.0   | 430.7   | 419.0   | 402.8   | 386.6   | 382.2   | 383.7   | 388.1   | 392.5   |
| 75°    | 392.5   | 386.6   | 379.3   | 370.5   | 360.2   | 345.5   | 330.8   | 327.8   | 330.8   | 335.2   | 339.6   |
| 77.5°  | 321.9   | 320.5   | 317.5   | 310.2   | 302.8   | 286.7   | 269.0   | 267.6   | 272.0   | 276.4   | 279.3   |
| 80°    | 251.4   | 252.9   | 254.3   | 248.4   | 242.6   | 224.9   | 205.8   | 204.3   | 208.7   | 213.2   | 217.6   |
| 82.5°  | 185.2   | 189.6   | 192.6   | 185.2   | 177.9   | 157.3   | 136.7   | 133.8   | 148.5   | 152.9   | 157.3   |
| 85°    | 107.3   | 113.2   | 119.1   | 113.2   | 107.3   | 86.7    | 66.2    | 64.7    | 77.9    | 85.3    | 92.6    |
| 87.5°  | 8.8     | 11.8    | 14.7    | 13.2    | 11.8    | 5.9     | 0.0     | 0.0     | 1.5     | 7.4     | 13.2    |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P320571  
 CATALOG NUMBER: GAN-SA7C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P320571

CATALOG NUMBER: GAN-SA7C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 110°    | 115°    | 120°    | 125°    | 130°    | 135°    | 140°    | 145°    | 150°    | 155°    | 160°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 |
| 2.5°   | 9574.6  | 9517.2  | 9499.6  | 9481.9  | 9417.3  | 9351.1  | 9418.7  | 9484.9  | 9512.8  | 9540.8  | 9468.7  |
| 5°     | 7785.5  | 7775.2  | 7775.2  | 7773.7  | 7714.9  | 7654.7  | 7700.2  | 7744.3  | 7645.8  | 7547.3  | 7537.0  |
| 7.5°   | 5834.7  | 5897.9  | 5949.4  | 5999.4  | 5980.2  | 5961.1  | 6003.8  | 6046.4  | 5921.4  | 5795.0  | 5733.3  |
| 10°    | 4320.5  | 4333.8  | 4389.6  | 4445.5  | 4458.7  | 4470.5  | 4523.4  | 4574.9  | 4477.8  | 4380.8  | 4338.2  |
| 12.5°  | 3370.9  | 3300.3  | 3307.7  | 3313.5  | 3340.0  | 3365.0  | 3420.9  | 3475.2  | 3435.6  | 3394.4  | 3398.8  |
| 15°    | 2729.9  | 2640.2  | 2603.5  | 2565.3  | 2594.7  | 2624.1  | 2663.8  | 2702.0  | 2703.5  | 2703.5  | 2741.7  |
| 17.5°  | 2228.6  | 2183.1  | 2146.3  | 2108.1  | 2147.8  | 2186.0  | 2190.4  | 2194.8  | 2196.3  | 2197.8  | 2194.8  |
| 20°    | 1825.8  | 1847.9  | 1836.1  | 1824.4  | 1839.1  | 1852.3  | 1864.0  | 1874.3  | 1861.1  | 1846.4  | 1809.7  |
| 22.5°  | 1600.9  | 1620.0  | 1634.7  | 1647.9  | 1672.9  | 1696.5  | 1684.7  | 1671.5  | 1645.0  | 1617.1  | 1589.1  |
| 25°    | 1470.1  | 1483.3  | 1498.0  | 1512.7  | 1533.3  | 1552.4  | 1531.8  | 1511.2  | 1492.1  | 1473.0  | 1453.9  |
| 27.5°  | 1359.8  | 1373.0  | 1386.3  | 1398.0  | 1417.1  | 1434.8  | 1415.7  | 1396.6  | 1380.4  | 1364.2  | 1349.5  |
| 30°    | 1270.1  | 1279.0  | 1289.3  | 1299.5  | 1317.2  | 1333.4  | 1317.2  | 1299.5  | 1287.8  | 1274.6  | 1264.3  |
| 32.5°  | 1193.7  | 1202.5  | 1206.9  | 1211.3  | 1227.5  | 1243.7  | 1231.9  | 1220.2  | 1209.9  | 1199.6  | 1192.2  |
| 35°    | 1109.9  | 1127.5  | 1130.5  | 1133.4  | 1149.6  | 1165.8  | 1158.4  | 1149.6  | 1137.8  | 1126.1  | 1112.8  |
| 37.5°  | 1024.6  | 1045.2  | 1057.0  | 1067.3  | 1083.4  | 1099.6  | 1092.3  | 1084.9  | 1068.7  | 1052.6  | 1029.0  |
| 40°    | 952.6   | 961.4   | 983.5   | 1004.1  | 1030.5  | 1055.5  | 1040.8  | 1024.6  | 999.6   | 974.7   | 962.9   |
| 42.5°  | 892.3   | 890.9   | 911.4   | 932.0   | 971.7   | 1009.9  | 983.5   | 957.0   | 933.5   | 910.0   | 907.0   |
| 45°    | 839.4   | 835.0   | 845.3   | 855.6   | 898.2   | 939.4   | 912.9   | 885.0   | 871.8   | 858.5   | 858.5   |
| 47.5°  | 792.4   | 789.4   | 796.8   | 802.7   | 829.1   | 854.1   | 840.9   | 827.6   | 820.3   | 812.9   | 814.4   |
| 50°    | 749.7   | 746.8   | 754.1   | 760.0   | 770.3   | 779.1   | 782.1   | 783.5   | 779.1   | 774.7   | 777.7   |
| 52.5°  | 710.0   | 710.0   | 713.0   | 714.5   | 727.7   | 740.9   | 740.9   | 739.4   | 739.4   | 739.4   | 742.4   |
| 55°    | 676.2   | 679.2   | 679.2   | 679.2   | 699.8   | 718.9   | 713.0   | 707.1   | 708.6   | 708.6   | 711.5   |
| 57.5°  | 642.4   | 646.8   | 649.8   | 652.7   | 673.3   | 693.9   | 688.0   | 682.1   | 682.1   | 682.1   | 683.6   |
| 60°    | 604.2   | 610.1   | 616.0   | 621.8   | 642.4   | 663.0   | 657.1   | 649.8   | 651.2   | 652.7   | 654.2   |
| 62.5°  | 567.4   | 573.3   | 579.2   | 585.1   | 605.7   | 626.2   | 620.4   | 613.0   | 617.4   | 620.4   | 620.4   |
| 65°    | 532.2   | 536.6   | 542.5   | 548.3   | 567.4   | 586.6   | 580.7   | 574.8   | 580.7   | 585.1   | 588.0   |
| 67.5°  | 492.5   | 495.4   | 501.3   | 507.2   | 526.3   | 545.4   | 539.5   | 532.2   | 539.5   | 545.4   | 551.3   |
| 70°    | 446.9   | 449.8   | 457.2   | 463.1   | 482.2   | 501.3   | 493.9   | 486.6   | 493.9   | 501.3   | 507.2   |
| 72.5°  | 396.9   | 399.9   | 407.2   | 413.1   | 435.1   | 457.2   | 448.4   | 439.6   | 448.4   | 457.2   | 460.1   |
| 75°    | 342.5   | 345.5   | 354.3   | 361.6   | 383.7   | 405.7   | 398.4   | 389.6   | 396.9   | 404.3   | 405.7   |
| 77.5°  | 283.7   | 288.1   | 299.9   | 311.7   | 329.3   | 346.9   | 342.5   | 338.1   | 342.5   | 346.9   | 346.9   |
| 80°    | 222.0   | 226.4   | 241.1   | 254.3   | 264.6   | 274.9   | 276.4   | 277.8   | 279.3   | 280.8   | 279.3   |
| 82.5°  | 164.6   | 170.5   | 183.8   | 197.0   | 197.0   | 197.0   | 208.7   | 219.0   | 219.0   | 217.6   | 216.1   |
| 85°    | 101.4   | 108.8   | 120.5   | 132.3   | 125.0   | 117.6   | 136.7   | 154.4   | 154.4   | 152.9   | 149.9   |
| 87.5°  | 20.6    | 27.9    | 39.7    | 50.0    | 42.6    | 35.3    | 54.4    | 73.5    | 75.0    | 75.0    | 72.0    |
| 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: P320571  
 CATALOG NUMBER: GAN-SA7C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

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



REPORT NUMBER: P320571

CATALOG NUMBER: GAN-SA7C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 165°    | 170°    | 175°    | 180°    | 185°    | 190°    | 195°    | 200°    | 205°    | 210°    | 215°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 |
| 2.5°   | 9395.2  | 9509.9  | 9623.1  | 9652.5  | 9696.6  | 9715.7  | 9733.3  | 9877.4  | 10020.0 | 10187.6 | 10355.2 |
| 5°     | 7525.3  | 7610.6  | 7695.8  | 7709.0  | 7754.6  | 7778.1  | 7801.7  | 7976.6  | 8150.1  | 8383.8  | 8617.5  |
| 7.5°   | 5671.5  | 5692.1  | 5712.7  | 5709.8  | 5748.0  | 5799.4  | 5849.4  | 6036.1  | 6221.3  | 6472.7  | 6722.6  |
| 10°    | 4295.5  | 4342.6  | 4388.2  | 4430.8  | 4514.6  | 4611.6  | 4707.2  | 4898.3  | 5089.4  | 5337.8  | 5584.8  |
| 12.5°  | 3403.2  | 3457.6  | 3510.5  | 3557.6  | 3654.6  | 3784.0  | 3911.9  | 4141.2  | 4370.5  | 4667.5  | 4963.0  |
| 15°    | 2778.4  | 2774.0  | 2769.6  | 2802.0  | 2887.2  | 3028.3  | 3168.0  | 3410.6  | 3653.1  | 3979.5  | 4304.4  |
| 17.5°  | 2191.9  | 2169.8  | 2147.8  | 2172.8  | 2252.1  | 2368.3  | 2482.9  | 2688.8  | 2893.1  | 3209.2  | 3525.2  |
| 20°    | 1772.9  | 1758.2  | 1743.5  | 1767.0  | 1817.0  | 1865.5  | 1914.0  | 2062.5  | 2209.5  | 2466.8  | 2722.6  |
| 22.5°  | 1559.7  | 1558.3  | 1555.3  | 1568.6  | 1592.1  | 1617.1  | 1640.6  | 1712.6  | 1783.2  | 1949.3  | 2114.0  |
| 25°    | 1434.8  | 1433.3  | 1431.8  | 1437.7  | 1456.8  | 1475.9  | 1495.1  | 1542.1  | 1589.1  | 1668.5  | 1747.9  |
| 27.5°  | 1334.8  | 1331.9  | 1328.9  | 1330.4  | 1334.8  | 1364.2  | 1392.2  | 1414.2  | 1434.8  | 1489.2  | 1542.1  |
| 30°    | 1254.0  | 1252.5  | 1251.0  | 1251.0  | 1246.6  | 1256.9  | 1267.2  | 1301.0  | 1333.4  | 1389.2  | 1445.1  |
| 32.5°  | 1184.9  | 1177.5  | 1170.2  | 1154.0  | 1143.7  | 1158.4  | 1173.1  | 1208.4  | 1243.7  | 1295.1  | 1346.6  |
| 35°    | 1098.1  | 1079.0  | 1058.5  | 1049.6  | 1051.1  | 1065.8  | 1080.5  | 1115.8  | 1149.6  | 1205.5  | 1259.8  |
| 37.5°  | 1004.1  | 998.2   | 990.8   | 989.4   | 993.8   | 1008.5  | 1023.2  | 1054.0  | 1083.4  | 1139.3  | 1193.7  |
| 40°    | 951.1   | 948.2   | 945.3   | 942.3   | 945.3   | 960.0   | 974.7   | 1004.1  | 1032.0  | 1086.4  | 1139.3  |
| 42.5°  | 904.1   | 902.6   | 901.2   | 901.2   | 902.6   | 918.8   | 935.0   | 964.4   | 992.3   | 1040.8  | 1089.3  |
| 45°    | 858.5   | 860.0   | 860.0   | 862.9   | 867.3   | 883.5   | 898.2   | 930.6   | 962.9   | 1009.9  | 1057.0  |
| 47.5°  | 815.9   | 820.3   | 823.2   | 830.6   | 835.0   | 852.6   | 868.8   | 904.1   | 939.4   | 998.2   | 1055.5  |
| 50°    | 779.1   | 783.5   | 786.5   | 792.4   | 804.1   | 824.7   | 845.3   | 887.9   | 929.1   | 1027.6  | 1124.6  |
| 52.5°  | 745.3   | 749.7   | 754.1   | 760.0   | 774.7   | 798.2   | 821.8   | 874.7   | 926.1   | 1040.8  | 1155.5  |
| 55°    | 714.5   | 718.9   | 721.8   | 730.6   | 745.3   | 765.9   | 785.0   | 849.7   | 914.4   | 998.2   | 1082.0  |
| 57.5°  | 685.1   | 689.5   | 692.4   | 698.3   | 705.6   | 727.7   | 748.3   | 817.4   | 886.5   | 945.3   | 1002.6  |
| 60°    | 654.2   | 657.1   | 658.6   | 658.6   | 664.5   | 689.5   | 714.5   | 802.7   | 889.4   | 879.1   | 867.3   |
| 62.5°  | 620.4   | 623.3   | 624.8   | 620.4   | 627.7   | 654.2   | 680.6   | 795.3   | 910.0   | 839.4   | 768.8   |
| 65°    | 589.5   | 588.0   | 586.6   | 582.1   | 591.0   | 617.4   | 642.4   | 699.8   | 757.1   | 729.2   | 701.2   |
| 67.5°  | 555.7   | 551.3   | 546.9   | 541.0   | 549.8   | 573.3   | 595.4   | 614.5   | 633.6   | 636.5   | 639.5   |
| 70°    | 513.1   | 507.2   | 501.3   | 499.8   | 504.2   | 523.3   | 542.5   | 555.7   | 567.4   | 573.3   | 577.7   |
| 72.5°  | 463.1   | 458.7   | 454.3   | 451.3   | 452.8   | 469.0   | 483.7   | 495.4   | 507.2   | 511.6   | 514.5   |
| 75°    | 407.2   | 407.2   | 405.7   | 396.9   | 396.9   | 410.1   | 421.9   | 432.2   | 442.5   | 448.4   | 454.3   |
| 77.5°  | 346.9   | 348.4   | 348.4   | 336.6   | 335.2   | 348.4   | 360.2   | 369.0   | 376.3   | 382.2   | 386.6   |
| 80°    | 277.8   | 274.9   | 272.0   | 264.6   | 261.7   | 277.8   | 292.5   | 299.9   | 305.8   | 307.2   | 307.2   |
| 82.5°  | 213.2   | 207.3   | 199.9   | 183.8   | 185.2   | 202.9   | 219.0   | 224.9   | 230.8   | 230.8   | 230.8   |
| 85°    | 145.5   | 133.8   | 120.5   | 107.3   | 108.8   | 127.9   | 145.5   | 151.4   | 157.3   | 160.2   | 161.7   |
| 87.5°  | 69.1    | 57.3    | 44.1    | 33.8    | 33.8    | 50.0    | 64.7    | 67.6    | 70.6    | 76.4    | 82.3    |
| 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: GAN-SA7C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

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

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CATALOG NUMBER: GAN-SA7C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 220°    | 225°    | 230°    | 235°    | 240°    | 245°    | 250°    | 255°    | 260°    | 265°    | 270°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 |
| 2.5°   | 10483.1 | 10609.5 | 10740.3 | 10871.2 | 11021.1 | 11171.1 | 11346.0 | 11519.5 | 11667.9 | 11816.4 | 11939.9 |
| 5°     | 8818.9  | 9020.3  | 9257.0  | 9493.7  | 9795.1  | 10096.4 | 10465.4 | 10832.9 | 11160.8 | 11488.6 | 11869.3 |
| 7.5°   | 6985.8  | 7247.4  | 7556.2  | 7864.9  | 8254.4  | 8644.0  | 9121.8  | 9599.6  | 10062.6 | 10524.2 | 11109.3 |
| 10°    | 5859.7  | 6134.6  | 6438.9  | 6741.7  | 7138.7  | 7534.1  | 8039.8  | 8544.0  | 9064.4  | 9583.4  | 10244.9 |
| 12.5°  | 5268.7  | 5573.0  | 5840.6  | 6108.1  | 6430.1  | 6750.6  | 7240.1  | 7729.6  | 8341.2  | 8951.3  | 9587.8  |
| 15°    | 4638.1  | 4970.3  | 5290.8  | 5611.3  | 5962.6  | 6312.5  | 6788.8  | 7265.1  | 7934.0  | 8602.8  | 9334.9  |
| 17.5°  | 3875.1  | 4225.0  | 4616.0  | 5005.6  | 5464.2  | 5921.4  | 6531.5  | 7141.6  | 7934.0  | 8724.9  | 9587.8  |
| 20°    | 3079.8  | 3437.0  | 3904.5  | 4372.0  | 4942.4  | 5511.3  | 6302.2  | 7093.1  | 8160.4  | 9226.2  | 10327.2 |
| 22.5°  | 2430.0  | 2744.6  | 3254.7  | 3763.4  | 4422.0  | 5080.6  | 6094.9  | 7107.8  | 8502.9  | 9896.5  | 11382.7 |
| 25°    | 1969.9  | 2191.9  | 2693.2  | 3193.0  | 3953.0  | 4713.0  | 5968.5  | 7222.5  | 9001.2  | 10778.6 | 12622.0 |
| 27.5°  | 1687.6  | 1833.2  | 2300.7  | 2766.7  | 3597.3  | 4426.4  | 5917.0  | 7406.2  | 9633.4  | 11860.5 | 13970.1 |
| 30°    | 1546.5  | 1647.9  | 2043.4  | 2437.4  | 3281.2  | 4125.0  | 5855.3  | 7585.6  | 10242.0 | 12896.9 | 15024.1 |
| 32.5°  | 1428.9  | 1509.8  | 1847.9  | 2184.5  | 3007.8  | 3831.0  | 5736.2  | 7640.0  | 10666.8 | 13693.7 | 15916.4 |
| 35°    | 1328.9  | 1396.6  | 1690.6  | 1984.6  | 2793.1  | 3601.7  | 5536.3  | 7470.9  | 10932.9 | 14394.9 | 16845.5 |
| 37.5°  | 1248.1  | 1301.0  | 1573.0  | 1844.9  | 2607.9  | 3370.9  | 5308.4  | 7246.0  | 11169.6 | 15093.2 | 17890.7 |
| 40°    | 1184.9  | 1230.4  | 1484.8  | 1739.1  | 2431.5  | 3123.9  | 5112.9  | 7100.4  | 11495.9 | 15891.5 | 18994.8 |
| 42.5°  | 1149.6  | 1208.4  | 1408.3  | 1606.8  | 2263.9  | 2921.0  | 4955.6  | 6990.2  | 11798.8 | 16605.9 | 19960.6 |
| 45°    | 1140.8  | 1224.6  | 1368.6  | 1512.7  | 2139.0  | 2765.2  | 4815.9  | 6865.2  | 11994.3 | 17123.4 | 20688.3 |
| 47.5°  | 1126.1  | 1195.2  | 1337.8  | 1480.4  | 2077.2  | 2672.6  | 4741.0  | 6807.9  | 12189.8 | 17570.3 | 21292.5 |
| 50°    | 1134.9  | 1143.7  | 1312.8  | 1480.4  | 2068.4  | 2656.4  | 4826.2  | 6996.1  | 12613.2 | 18228.9 | 21983.4 |
| 52.5°  | 1118.7  | 1080.5  | 1265.7  | 1451.0  | 2066.9  | 2682.9  | 5071.7  | 7460.6  | 13399.7 | 19337.3 | 22731.7 |
| 55°    | 1033.5  | 983.5   | 1177.5  | 1371.6  | 2036.0  | 2699.0  | 5364.3  | 8028.1  | 14455.2 | 20880.9 | 24076.8 |
| 57.5°  | 958.5   | 912.9   | 1077.6  | 1240.7  | 1942.0  | 2643.2  | 5665.6  | 8686.6  | 15571.0 | 22453.8 | 25592.4 |
| 60°    | 858.5   | 848.2   | 965.8   | 1083.4  | 1796.4  | 2507.9  | 5914.1  | 9318.8  | 16320.7 | 23321.2 | 26176.1 |
| 62.5°  | 776.2   | 782.1   | 868.8   | 955.5   | 1614.1  | 2271.3  | 5996.4  | 9720.1  | 16300.1 | 22880.2 | 25588.0 |
| 65°    | 713.0   | 723.3   | 808.5   | 893.8   | 1458.3  | 2022.8  | 5725.9  | 9427.6  | 15475.4 | 21521.8 | 24425.2 |
| 67.5°  | 651.2   | 663.0   | 764.4   | 864.4   | 1320.1  | 1774.4  | 5049.7  | 8323.5  | 13992.1 | 19659.2 | 22946.3 |
| 70°    | 592.4   | 607.1   | 717.4   | 827.6   | 1220.2  | 1611.2  | 4177.9  | 6744.7  | 12135.4 | 17524.7 | 21233.7 |
| 72.5°  | 529.2   | 543.9   | 661.5   | 779.1   | 1156.9  | 1533.3  | 3406.2  | 5277.5  | 9848.0  | 14417.0 | 18162.7 |
| 75°    | 464.5   | 474.8   | 602.7   | 729.2   | 1070.2  | 1411.3  | 2672.6  | 3932.4  | 7537.0  | 11141.7 | 13718.7 |
| 77.5°  | 399.9   | 413.1   | 520.4   | 626.2   | 908.5   | 1189.3  | 2014.0  | 2838.7  | 5530.4  | 8220.6  | 9540.8  |
| 80°    | 319.0   | 330.8   | 407.2   | 482.2   | 701.2   | 918.8   | 1384.8  | 1850.8  | 3806.0  | 5761.2  | 6505.1  |
| 82.5°  | 244.0   | 257.3   | 308.7   | 358.7   | 499.8   | 641.0   | 839.4   | 1037.9  | 2528.5  | 4017.7  | 4079.4  |
| 85°    | 167.6   | 172.0   | 208.7   | 244.0   | 308.7   | 373.4   | 480.7   | 588.0   | 1672.9  | 2757.9  | 2297.7  |
| 87.5°  | 83.8    | 83.8    | 108.8   | 133.8   | 166.1   | 198.5   | 254.3   | 308.7   | 535.1   | 761.5   | 438.1   |
| 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     |



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 CATALOG NUMBER: GAN-SA7C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

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





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**CANDELA DISTRIBUTION (continued):**

|        | 275°    | 280°    | 285°    | 290°    | 295°    | 300°    | 305°    | 310°    | 315°    | 320°    | 325°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 |
| 2.5°   | 12097.2 | 12204.5 | 12313.3 | 12395.6 | 12479.4 | 12600.0 | 12720.5 | 12742.6 | 12766.1 | 12719.0 | 12672.0 |
| 5°     | 12253.0 | 12577.9 | 12904.3 | 13205.6 | 13507.0 | 13687.8 | 13868.6 | 13905.4 | 13942.1 | 13828.9 | 13714.3 |
| 7.5°   | 11675.3 | 12241.3 | 12807.2 | 13326.2 | 13845.1 | 14159.7 | 14475.8 | 14546.3 | 14618.4 | 14433.1 | 14247.9 |
| 10°    | 10903.5 | 11598.8 | 12294.2 | 12977.8 | 13661.4 | 14118.5 | 14575.7 | 14666.9 | 14758.0 | 14527.2 | 14296.4 |
| 12.5°  | 10306.7 | 11049.0 | 11791.4 | 12511.8 | 13233.6 | 13706.9 | 14180.3 | 14293.5 | 14406.7 | 14239.1 | 14070.0 |
| 15°    | 10122.9 | 10821.2 | 11519.5 | 12147.2 | 12776.4 | 13163.0 | 13551.1 | 13596.7 | 13643.7 | 13617.3 | 13590.8 |
| 17.5°  | 10456.6 | 11087.3 | 11719.4 | 12060.5 | 12403.0 | 12557.3 | 12713.2 | 12763.1 | 12814.6 | 12880.8 | 12948.4 |
| 20°    | 11265.1 | 11709.1 | 12154.5 | 12139.8 | 12123.7 | 12048.7 | 11972.2 | 11959.0 | 11945.8 | 12135.4 | 12326.5 |
| 22.5°  | 12472.1 | 12648.5 | 12826.4 | 12413.3 | 12000.2 | 11748.8 | 11495.9 | 11446.0 | 11394.5 | 11595.9 | 11798.8 |
| 25°    | 13781.9 | 13749.6 | 13715.7 | 12929.3 | 12141.3 | 11662.1 | 11182.8 | 11127.0 | 11071.1 | 11243.1 | 11416.6 |
| 27.5°  | 15078.5 | 14866.8 | 14655.1 | 13586.4 | 12517.6 | 11822.3 | 11127.0 | 11071.1 | 11015.2 | 11168.1 | 11321.0 |
| 30°    | 16029.6 | 15690.1 | 15350.5 | 14140.6 | 12930.7 | 12104.6 | 11278.4 | 11187.2 | 11094.6 | 11282.8 | 11471.0 |
| 32.5°  | 16772.0 | 16316.3 | 15860.6 | 14590.4 | 13320.3 | 12426.5 | 11532.7 | 11390.1 | 11247.5 | 11498.9 | 11750.3 |
| 35°    | 17512.9 | 16872.0 | 16229.6 | 14991.8 | 13752.5 | 12807.2 | 11860.5 | 11685.6 | 11510.6 | 11856.1 | 12201.6 |
| 37.5°  | 18445.0 | 17524.7 | 16603.0 | 15443.1 | 14283.2 | 13377.6 | 12470.6 | 12291.3 | 12111.9 | 12551.5 | 12992.5 |
| 40°    | 19456.4 | 18228.9 | 17001.4 | 15937.0 | 14872.7 | 14167.1 | 13460.0 | 13289.4 | 13117.4 | 13652.5 | 14187.6 |
| 42.5°  | 20297.3 | 18884.5 | 17471.8 | 16532.4 | 15591.6 | 15094.7 | 14596.3 | 14594.9 | 14591.9 | 15134.4 | 15676.8 |
| 45°    | 20980.8 | 19431.4 | 17880.5 | 17113.1 | 16344.2 | 16085.5 | 15826.8 | 16034.0 | 16241.3 | 16730.9 | 17221.9 |
| 47.5°  | 21490.9 | 19890.0 | 18287.7 | 17777.6 | 17267.4 | 17305.7 | 17343.9 | 17765.8 | 18187.7 | 18502.3 | 18818.4 |
| 50°    | 21823.2 | 20306.1 | 18787.5 | 18630.2 | 18472.9 | 18815.4 | 19159.4 | 19643.1 | 20128.2 | 20342.8 | 20557.5 |
| 52.5°  | 22306.8 | 20870.6 | 19432.9 | 19609.3 | 19785.7 | 20485.4 | 21185.2 | 21674.7 | 22164.2 | 22243.6 | 22324.5 |
| 55°    | 23425.6 | 21908.4 | 20389.9 | 20728.0 | 21067.6 | 22093.7 | 23121.3 | 23503.5 | 23885.7 | 23915.1 | 23944.5 |
| 57.5°  | 25014.7 | 23362.3 | 21710.0 | 22074.6 | 22439.1 | 23624.0 | 24810.4 | 25222.0 | 25635.1 | 25577.7 | 25518.9 |
| 60°    | 26204.0 | 24742.7 | 23280.0 | 23647.5 | 24015.1 | 25170.5 | 26326.0 | 26799.4 | 27274.2 | 27147.8 | 27021.3 |
| 62.5°  | 26277.5 | 25496.9 | 24714.8 | 25047.0 | 25380.8 | 26512.7 | 27644.7 | 28131.3 | 28617.8 | 28397.3 | 28176.8 |
| 65°    | 25108.8 | 25458.7 | 25808.5 | 25918.8 | 26029.1 | 27084.6 | 28141.5 | 28513.5 | 28886.9 | 28775.1 | 28663.4 |
| 67.5°  | 23499.1 | 24788.3 | 26079.0 | 25857.1 | 25635.1 | 26130.5 | 26625.9 | 27009.6 | 27393.3 | 27330.1 | 27265.4 |
| 70°    | 21892.3 | 23613.7 | 25335.2 | 24244.4 | 23152.1 | 22947.8 | 22743.4 | 23156.5 | 23571.1 | 23315.3 | 23058.0 |
| 72.5°  | 19156.5 | 20991.1 | 22827.2 | 20817.7 | 18808.1 | 18109.8 | 17411.5 | 17936.3 | 18461.1 | 18053.9 | 17645.2 |
| 75°    | 15037.3 | 17064.6 | 19093.3 | 16695.6 | 14297.9 | 13365.9 | 12433.8 | 12885.2 | 13336.5 | 13057.2 | 12776.4 |
| 77.5°  | 11194.6 | 13192.4 | 15190.2 | 12752.9 | 10314.0 | 9621.6  | 8927.7  | 9061.5  | 9196.8  | 9149.7  | 9101.2  |
| 80°    | 7592.9  | 8985.1  | 10378.7 | 8755.7  | 7132.8  | 7185.7  | 7240.1  | 7176.9  | 7112.2  | 7206.3  | 7300.4  |
| 82.5°  | 4845.3  | 5920.0  | 6996.1  | 6134.6  | 5273.1  | 5767.1  | 6261.0  | 6018.5  | 5774.4  | 5864.1  | 5955.3  |
| 85°    | 2765.2  | 3816.3  | 4868.9  | 4538.1  | 4205.9  | 4494.0  | 4783.6  | 4407.3  | 4030.9  | 4195.6  | 4361.7  |
| 87.5°  | 729.2   | 2111.0  | 3494.4  | 3172.4  | 2850.5  | 2477.1  | 2103.7  | 1605.3  | 1107.0  | 1617.1  | 2127.2  |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



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 CATALOG NUMBER: GAN-SA7C-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

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

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**CANDELA DISTRIBUTION (continued):**

|        | 330°    | 335°    | 340°    | 345°    | 350°    | 355°    | 360°    |
|--------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 | 11201.9 |
| 2.5°   | 12647.0 | 12622.0 | 12532.3 | 12441.2 | 12306.0 | 12194.2 | 12000.2 |
| 5°     | 13555.5 | 13396.7 | 13123.3 | 12848.4 | 12542.6 | 12191.3 | 11801.7 |
| 7.5°   | 13877.5 | 13505.5 | 12980.7 | 12454.4 | 11981.1 | 11425.4 | 10907.9 |
| 10°    | 13740.7 | 13183.6 | 12501.5 | 11817.9 | 11243.1 | 10603.6 | 10028.8 |
| 12.5°  | 13479.1 | 12886.6 | 12135.4 | 11382.7 | 10728.6 | 10042.0 | 9398.2  |
| 15°    | 13118.9 | 12645.5 | 11941.4 | 11237.2 | 10578.6 | 9911.2  | 9148.2  |
| 17.5°  | 12724.9 | 12500.0 | 11991.4 | 11481.2 | 10910.9 | 10264.0 | 9368.8  |
| 20°    | 12407.4 | 12489.7 | 12286.8 | 12084.0 | 11626.8 | 11062.3 | 10056.7 |
| 22.5°  | 12192.8 | 12588.2 | 12744.0 | 12901.3 | 12626.4 | 12185.4 | 11022.6 |
| 25°    | 12072.2 | 12727.9 | 13249.7 | 13773.1 | 13651.1 | 13311.5 | 12195.7 |
| 27.5°  | 12125.1 | 12929.3 | 13739.3 | 14550.7 | 14663.9 | 14569.9 | 13432.0 |
| 30°    | 12283.9 | 13098.3 | 14084.7 | 15072.6 | 15523.9 | 15650.4 | 14462.5 |
| 32.5°  | 12548.5 | 13346.8 | 14421.4 | 15497.5 | 16179.6 | 16582.4 | 15404.9 |
| 35°    | 12948.4 | 13695.2 | 14815.4 | 15935.6 | 16817.6 | 17552.6 | 16378.0 |
| 37.5°  | 13634.9 | 14277.3 | 15310.8 | 16345.7 | 17489.4 | 18593.4 | 17449.7 |
| 40°    | 14640.4 | 15094.7 | 15967.9 | 16842.6 | 18281.8 | 19772.4 | 18644.9 |
| 42.5°  | 15909.1 | 16142.8 | 16835.2 | 17527.6 | 19109.4 | 20842.6 | 19813.6 |
| 45°    | 17283.6 | 17345.4 | 17780.5 | 18217.1 | 19765.1 | 21571.8 | 20691.2 |
| 47.5°  | 18606.7 | 18395.0 | 18568.4 | 18741.9 | 20267.8 | 22092.2 | 21357.2 |
| 50°    | 19968.0 | 19378.5 | 19287.3 | 19196.2 | 20770.6 | 22705.2 | 22203.9 |
| 52.5°  | 21352.8 | 20381.0 | 20020.9 | 19659.2 | 21370.4 | 23518.2 | 23258.0 |
| 55°    | 22708.2 | 21471.8 | 20986.7 | 20501.6 | 22287.7 | 24510.5 | 24806.0 |
| 57.5°  | 24118.0 | 22717.0 | 22267.1 | 21817.3 | 23635.8 | 25767.4 | 26195.2 |
| 60°    | 25635.1 | 24247.3 | 23887.2 | 23525.5 | 25311.7 | 27125.7 | 26814.1 |
| 62.5°  | 27074.3 | 25971.7 | 25782.1 | 25591.0 | 27006.6 | 28169.5 | 26573.0 |
| 65°    | 28035.7 | 27406.5 | 27582.9 | 27760.8 | 28288.5 | 28429.7 | 25867.3 |
| 67.5°  | 27393.3 | 27521.2 | 28266.5 | 29013.3 | 28650.2 | 27656.4 | 24476.7 |
| 70°    | 23823.9 | 24591.3 | 26356.9 | 28123.9 | 27318.3 | 25585.1 | 21980.5 |
| 72.5°  | 18506.7 | 19369.6 | 21990.8 | 24613.4 | 23871.0 | 21748.2 | 18053.9 |
| 75°    | 13749.6 | 14724.2 | 17617.3 | 20510.4 | 19479.9 | 16267.8 | 12926.3 |
| 77.5°  | 9753.9  | 10406.6 | 13263.0 | 16120.8 | 14440.5 | 10828.5 | 8698.4  |
| 80°    | 7100.4  | 6900.5  | 8492.6  | 10084.7 | 9805.4  | 7162.2  | 5586.3  |
| 82.5°  | 5467.2  | 4979.1  | 5728.9  | 6478.6  | 6437.4  | 4970.3  | 4098.6  |
| 85°    | 4166.2  | 3970.7  | 4633.7  | 5296.7  | 4729.2  | 3366.5  | 2605.0  |
| 87.5°  | 2428.6  | 2731.4  | 3512.0  | 4294.1  | 3222.4  | 1021.7  | 505.7   |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



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| 142.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 145°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 147.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 150°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 152.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 155°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 157.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 160°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 162.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 165°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 167.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 170°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 172.5° | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| 175°   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
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