

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: P320582

Luminaire Tested: **GAN-SA8D-727-U-SLR**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P320582  
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-SA8D-727-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 70 CRI, 2700K, 1200mA 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: 45701 lumens  
Efficiency: N/A  
Efficacy: 89.4 lumens/watt  
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B3 - U0 - G5

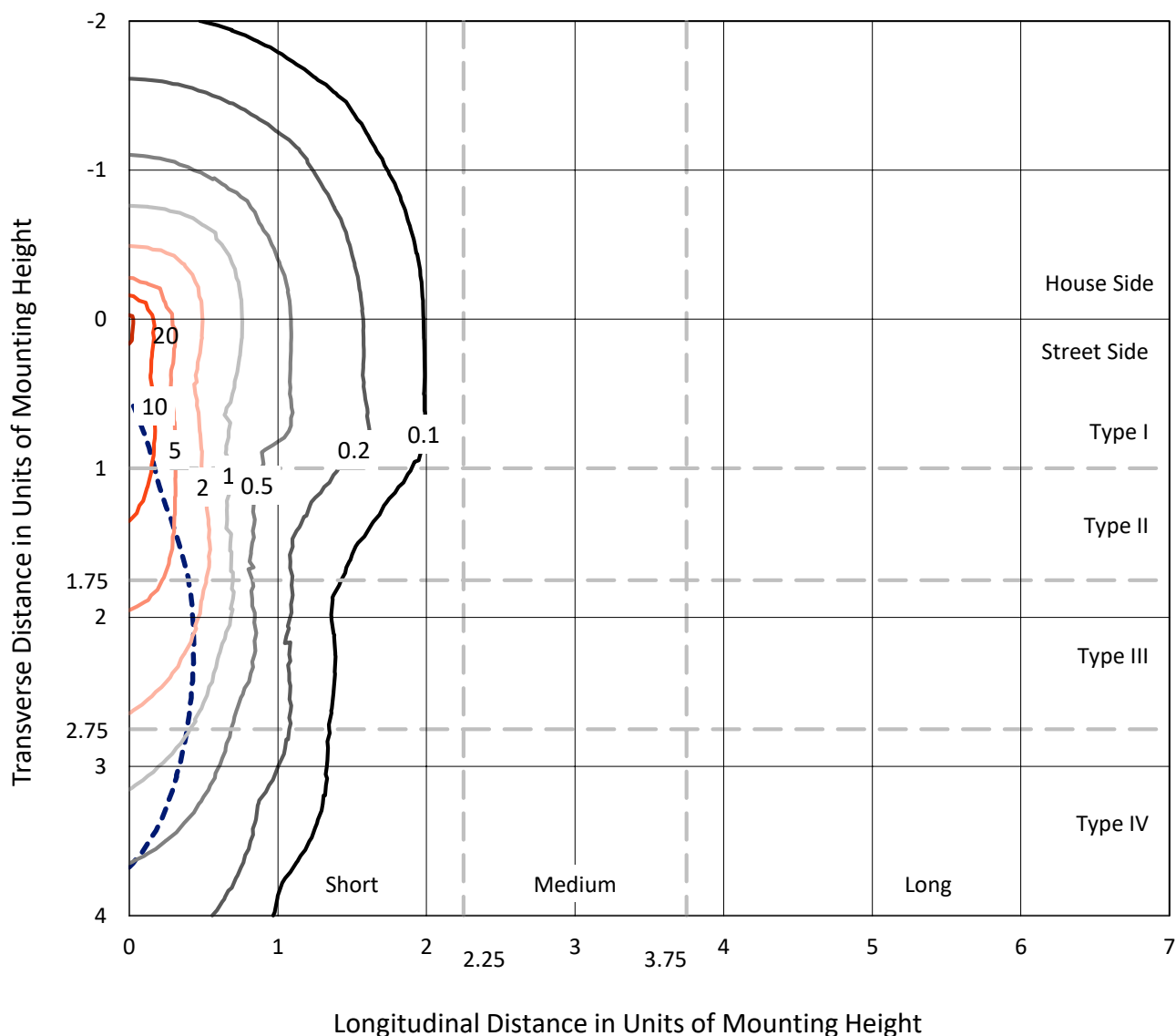
Input Watts (W): 511  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

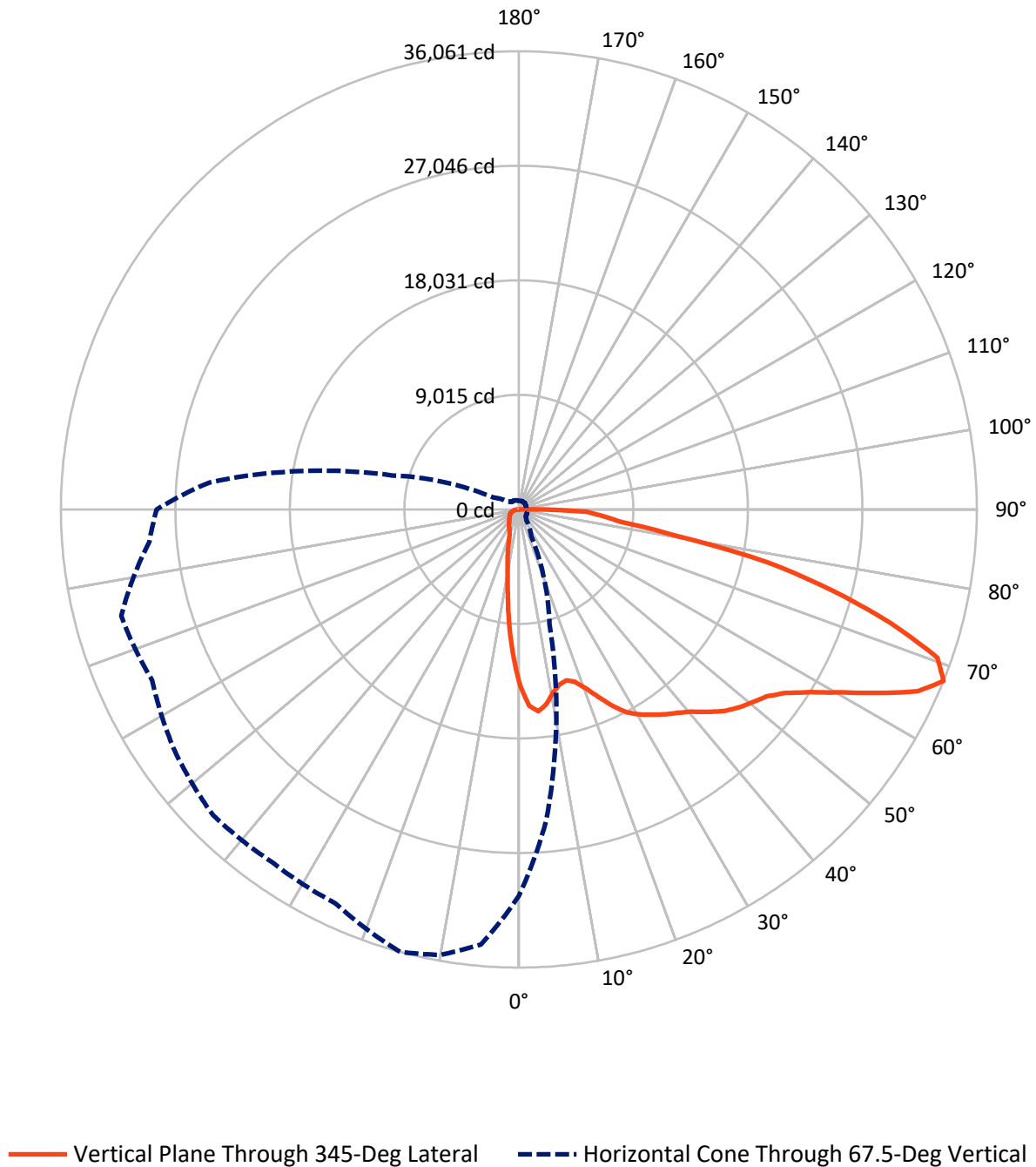
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 22.3 fc  
 Type IV - Medium - N/A

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## Luminous Intensity Polar Plot



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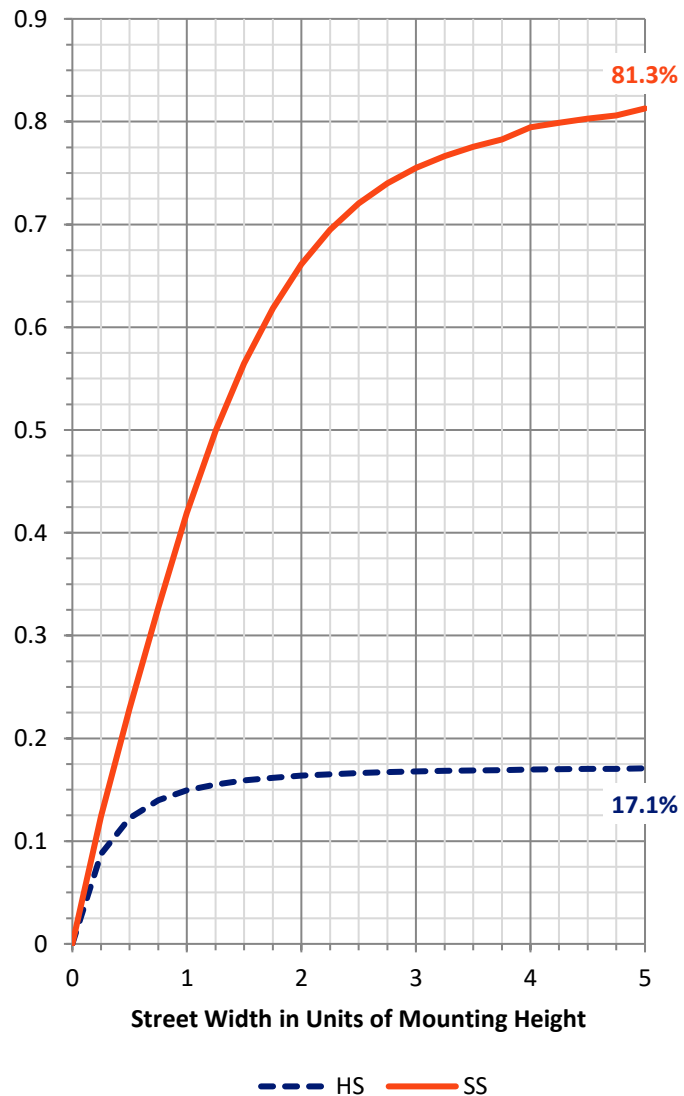
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 7900.7   | 0.0    | 7900.7  |
|                    | % Fixture | 17.3     | 0.0    | 17.3    |
| <b>Street Side</b> | Lumens    | 37800.3  | 0.0    | 37800.3 |
|                    | % Fixture | 82.7     | 0.0    | 82.7    |
| <b>Total</b>       | Lumens    | 45701.0  | 0.0    | 45701.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 1074.5  | 2.4       |
| 10°-20°   | 2232.3  | 4.9       |
| 20°-30°   | 3174.8  | 6.9       |
| 30°-40°   | 4574.8  | 10.0      |
| 40°-50°   | 6447.2  | 14.1      |
| 50°-60°   | 8962.8  | 19.6      |
| 60°-70°   | 10838.7 | 23.7      |
| 70°-80°   | 6662.3  | 14.6      |
| 80°-90°   | 1733.6  | 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°    | 45701.0 | 100.0     |
| 0°-180°   | 45701.0 | 100.0     |

**Coefficient of Utilization**



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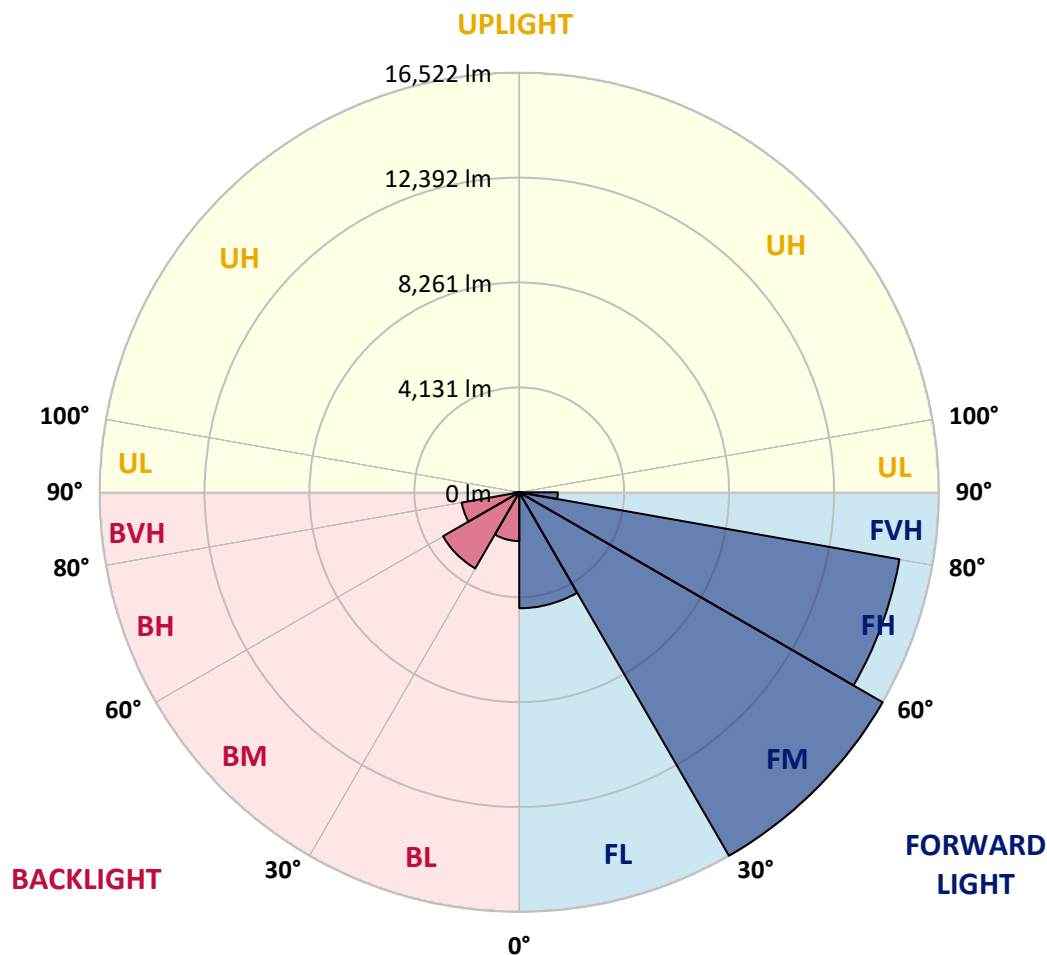
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 4563.3  | 10.0      |                         |      |         |
| FM   | (30°-60°)   | 16522.1 | 36.2      |                         |      |         |
| FH   | (60°-80°)   | 15198.6 | 33.3      |                         |      | G5      |
| FVH  | (80°-90°)   | 1516.3  | 3.3       |                         |      | G5      |
| BL   | (0°-30°)    | 1918.2  | 4.2       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 3462.8  | 7.6       | B3/5000                 |      |         |
| BH   | (60°-80°)   | 2302.4  | 5.0       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 217.3   | 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°     | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 |
| 2.5°   | 14915.3 | 14783.7 | 14584.6 | 14385.4 | 14237.4 | 14087.6 | 13917.6 | 13747.7 | 13554.0 | 13358.5 | 13243.4 |
| 5°     | 14668.6 | 14303.2 | 13828.1 | 13353.0 | 13038.8 | 12724.5 | 12368.2 | 12011.9 | 11659.2 | 11306.6 | 11116.6 |
| 7.5°   | 13557.7 | 13009.5 | 12391.9 | 11774.4 | 11317.6 | 10858.9 | 10365.6 | 9870.4  | 9431.9  | 8991.6  | 8719.3  |
| 10°    | 12465.0 | 11807.2 | 11098.3 | 10387.5 | 9802.8  | 9218.1  | 8723.0  | 8226.0  | 7895.3  | 7564.5  | 7314.2  |
| 12.5°  | 11681.2 | 10952.1 | 10171.9 | 9389.9  | 8805.2  | 8220.5  | 7906.2  | 7591.9  | 7317.9  | 7043.8  | 6755.1  |
| 15°    | 11370.6 | 10546.5 | 9748.0  | 8947.7  | 8416.0  | 7884.3  | 7535.3  | 7184.5  | 6817.2  | 6448.1  | 6093.7  |
| 17.5°  | 11644.6 | 10679.9 | 9812.0  | 8944.1  | 8247.9  | 7551.7  | 7063.9  | 6574.2  | 6090.0  | 5605.8  | 5194.7  |
| 20°    | 12499.8 | 11268.2 | 10133.6 | 8997.0  | 8070.7  | 7144.3  | 6490.2  | 5834.2  | 5213.0  | 4591.7  | 4125.8  |
| 22.5°  | 13700.2 | 12070.4 | 10588.5 | 9106.7  | 7909.9  | 6711.2  | 5890.8  | 5068.6  | 4334.1  | 3599.5  | 3142.8  |
| 25°    | 15158.3 | 13133.8 | 11244.5 | 9353.3  | 7844.1  | 6333.0  | 5324.4  | 4315.8  | 3541.1  | 2764.5  | 2439.3  |
| 27.5°  | 16695.0 | 14401.8 | 12059.4 | 9715.1  | 7855.1  | 5995.0  | 4847.5  | 3698.2  | 3000.2  | 2302.2  | 2079.3  |
| 30°    | 17975.8 | 15850.8 | 13009.5 | 10166.4 | 7897.1  | 5627.7  | 4398.0  | 3168.3  | 2592.8  | 2017.2  | 1872.9  |
| 32.5°  | 19147.0 | 16861.2 | 13725.8 | 10588.5 | 7944.6  | 5298.8  | 4050.9  | 2801.1  | 2331.5  | 1860.1  | 1741.3  |
| 35°    | 20356.6 | 17758.4 | 14226.4 | 10692.7 | 7862.4  | 5030.2  | 3813.3  | 2596.4  | 2163.4  | 1728.5  | 1628.0  |
| 37.5°  | 21688.6 | 18728.6 | 14708.8 | 10687.2 | 7723.5  | 4759.8  | 3628.8  | 2495.9  | 2053.8  | 1609.7  | 1536.7  |
| 40°    | 23174.1 | 19801.2 | 15231.4 | 10661.6 | 7597.4  | 4531.4  | 3491.7  | 2450.3  | 1993.5  | 1534.8  | 1472.7  |
| 42.5°  | 24626.8 | 20824.4 | 15717.4 | 10610.4 | 7495.1  | 4377.9  | 3356.5  | 2335.1  | 1938.6  | 1540.3  | 1452.6  |
| 45°    | 25717.6 | 21717.9 | 16139.5 | 10559.3 | 7418.4  | 4277.4  | 3250.6  | 2223.7  | 1887.5  | 1551.3  | 1439.8  |
| 47.5°  | 26545.3 | 22615.0 | 16607.3 | 10597.7 | 7411.0  | 4224.4  | 3175.6  | 2126.8  | 1790.6  | 1452.6  | 1406.9  |
| 50°    | 27597.8 | 23693.1 | 17288.8 | 10884.5 | 7511.5  | 4138.6  | 3087.9  | 2035.5  | 1697.5  | 1359.4  | 1421.5  |
| 52.5°  | 28907.8 | 25231.6 | 18344.9 | 11456.4 | 7721.7  | 3986.9  | 2949.1  | 1911.2  | 1584.2  | 1255.3  | 1352.1  |
| 55°    | 30831.9 | 27203.1 | 19695.2 | 12185.5 | 7975.6  | 3764.0  | 2738.9  | 1712.1  | 1434.3  | 1154.8  | 1240.7  |
| 57.5°  | 32558.6 | 29194.7 | 20990.7 | 12784.8 | 8134.6  | 3482.6  | 2474.0  | 1465.4  | 1266.2  | 1067.1  | 1116.4  |
| 60°    | 33327.8 | 30221.6 | 21597.3 | 12971.2 | 8039.6  | 3108.0  | 2176.2  | 1242.5  | 1118.2  | 994.0   | 984.9   |
| 62.5°  | 33028.1 | 29569.3 | 20999.8 | 12430.3 | 7575.5  | 2720.7  | 1913.1  | 1105.4  | 1012.3  | 917.2   | 897.1   |
| 65°    | 32151.1 | 27519.2 | 19326.1 | 11133.0 | 6791.6  | 2450.3  | 1746.8  | 1043.3  | 939.2   | 835.0   | 813.1   |
| 67.5°  | 30422.6 | 24601.2 | 16954.4 | 9307.7  | 5795.8  | 2284.0  | 1651.8  | 1019.6  | 893.5   | 765.6   | 740.0   |
| 70°    | 27320.0 | 21089.3 | 14222.8 | 7354.4  | 4768.9  | 2181.7  | 1589.6  | 997.6   | 844.2   | 688.8   | 665.1   |
| 72.5°  | 22439.6 | 16908.7 | 11357.8 | 5805.0  | 3986.9  | 2168.9  | 1582.3  | 995.8   | 804.0   | 612.1   | 590.2   |
| 75°    | 16066.4 | 12843.3 | 8670.0  | 4494.9  | 3265.2  | 2035.5  | 1501.9  | 968.4   | 749.1   | 528.1   | 508.0   |
| 77.5°  | 10811.4 | 8889.2  | 6026.0  | 3161.0  | 2422.8  | 1684.7  | 1262.6  | 840.5   | 641.3   | 442.2   | 422.1   |
| 80°    | 6943.3  | 6152.1  | 4038.1  | 1924.0  | 1571.4  | 1218.7  | 902.6   | 586.5   | 467.8   | 347.2   | 330.7   |
| 82.5°  | 5094.2  | 4578.9  | 2806.6  | 1034.2  | 873.4   | 710.8   | 551.8   | 392.8   | 319.8   | 246.7   | 239.4   |
| 85°    | 3237.8  | 3570.3  | 2066.5  | 562.8   | 460.4   | 358.1   | 296.0   | 233.9   | 184.5   | 135.2   | 135.2   |
| 87.5°  | 628.6   | 869.7   | 571.9   | 272.3   | 199.2   | 126.1   | 107.8   | 87.7    | 49.3    | 9.1     | 11.0    |
| 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     |



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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°     | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 |
| 2.5°   | 13126.5 | 13000.4 | 12874.3 | 12731.8 | 12587.5 | 12454.1 | 12318.9 | 12170.9 | 12198.3 | 12085.0 | 11971.7 |
| 5°     | 10926.5 | 10725.6 | 10522.7 | 10347.3 | 10171.9 | 10020.3 | 9866.8  | 9729.7  | 9848.5  | 9768.1  | 9687.7  |
| 7.5°   | 8445.2  | 8196.7  | 7946.4  | 7736.3  | 7526.2  | 7363.5  | 7199.1  | 7085.8  | 7202.8  | 7188.1  | 7173.5  |
| 10°    | 7063.9  | 6822.7  | 6579.7  | 6347.6  | 6115.6  | 5918.2  | 5719.1  | 5551.0  | 5521.7  | 5437.7  | 5351.8  |
| 12.5°  | 6464.6  | 6133.8  | 5801.3  | 5558.3  | 5315.3  | 5079.6  | 4843.9  | 4646.5  | 4557.0  | 4418.1  | 4277.4  |
| 15°    | 5739.2  | 5348.2  | 4957.1  | 4681.2  | 4403.5  | 4175.1  | 3944.9  | 3775.0  | 3718.3  | 3610.5  | 3502.7  |
| 17.5°  | 4783.6  | 4356.0  | 3928.4  | 3648.9  | 3367.5  | 3184.8  | 3000.2  | 2886.9  | 2886.9  | 2855.9  | 2824.8  |
| 20°    | 3659.8  | 3278.0  | 2896.1  | 2682.3  | 2468.5  | 2371.7  | 2273.0  | 2225.5  | 2240.1  | 2242.0  | 2242.0  |
| 22.5°  | 2684.1  | 2450.3  | 2216.4  | 2130.5  | 2042.8  | 2008.1  | 1973.4  | 1953.3  | 1960.6  | 1962.4  | 1964.2  |
| 25°    | 2114.0  | 2024.5  | 1933.2  | 1889.3  | 1843.6  | 1821.7  | 1799.8  | 1792.5  | 1808.9  | 1810.7  | 1810.7  |
| 27.5°  | 1856.4  | 1801.6  | 1745.0  | 1717.6  | 1688.3  | 1679.2  | 1670.0  | 1657.3  | 1673.7  | 1673.7  | 1671.9  |
| 30°    | 1726.7  | 1668.2  | 1609.7  | 1575.0  | 1540.3  | 1544.0  | 1545.8  | 1542.1  | 1553.1  | 1560.4  | 1565.9  |
| 32.5°  | 1620.7  | 1564.1  | 1507.4  | 1472.7  | 1436.2  | 1430.7  | 1425.2  | 1421.5  | 1445.3  | 1458.1  | 1470.9  |
| 35°    | 1525.7  | 1463.6  | 1401.4  | 1368.6  | 1335.7  | 1322.9  | 1310.1  | 1301.0  | 1322.9  | 1339.3  | 1355.8  |
| 37.5°  | 1461.7  | 1397.8  | 1332.0  | 1301.0  | 1268.1  | 1251.6  | 1235.2  | 1224.2  | 1233.3  | 1240.7  | 1248.0  |
| 40°    | 1410.6  | 1344.8  | 1277.2  | 1240.7  | 1204.1  | 1187.7  | 1171.2  | 1162.1  | 1167.6  | 1169.4  | 1171.2  |
| 42.5°  | 1363.1  | 1299.1  | 1235.2  | 1195.0  | 1153.0  | 1132.9  | 1112.8  | 1101.8  | 1105.4  | 1109.1  | 1110.9  |
| 45°    | 1328.4  | 1264.4  | 1198.6  | 1151.1  | 1101.8  | 1079.9  | 1057.9  | 1045.1  | 1047.0  | 1047.0  | 1047.0  |
| 47.5°  | 1361.3  | 1268.1  | 1173.1  | 1118.2  | 1061.6  | 1036.0  | 1010.4  | 997.6   | 994.0   | 990.3   | 986.7   |
| 50°    | 1481.8  | 1322.9  | 1162.1  | 1092.7  | 1021.4  | 994.0   | 964.8   | 950.1   | 941.0   | 937.3   | 933.7   |
| 52.5°  | 1447.1  | 1310.1  | 1171.2  | 1081.7  | 990.3   | 957.4   | 924.6   | 900.8   | 891.7   | 886.2   | 880.7   |
| 55°    | 1324.7  | 1238.8  | 1151.1  | 1043.3  | 935.5   | 906.3   | 875.2   | 858.8   | 842.3   | 838.7   | 835.0   |
| 57.5°  | 1163.9  | 1129.2  | 1094.5  | 984.9   | 875.2   | 847.8   | 818.6   | 807.6   | 793.0   | 793.0   | 791.2   |
| 60°    | 973.9   | 1025.0  | 1076.2  | 950.1   | 822.2   | 791.2   | 760.1   | 751.0   | 745.5   | 743.7   | 741.8   |
| 62.5°  | 875.2   | 959.3   | 1041.5  | 908.1   | 772.9   | 740.0   | 707.1   | 696.2   | 694.3   | 696.2   | 696.2   |
| 65°    | 791.2   | 816.8   | 842.3   | 780.2   | 718.1   | 685.2   | 650.5   | 639.5   | 643.2   | 648.6   | 654.1   |
| 67.5°  | 714.4   | 708.9   | 703.5   | 681.5   | 657.8   | 630.4   | 601.1   | 590.2   | 592.0   | 599.3   | 606.6   |
| 70°    | 641.3   | 634.0   | 624.9   | 608.5   | 592.0   | 568.3   | 544.5   | 537.2   | 535.4   | 544.5   | 551.8   |
| 72.5°  | 568.3   | 559.1   | 548.2   | 535.4   | 520.7   | 500.6   | 480.5   | 475.1   | 476.9   | 482.4   | 487.9   |
| 75°    | 487.9   | 480.5   | 471.4   | 460.4   | 447.7   | 429.4   | 411.1   | 407.5   | 411.1   | 416.6   | 422.1   |
| 77.5°  | 400.2   | 398.3   | 394.7   | 385.5   | 376.4   | 356.3   | 334.4   | 332.5   | 338.0   | 343.5   | 347.2   |
| 80°    | 312.4   | 314.3   | 316.1   | 308.8   | 301.5   | 279.6   | 255.8   | 254.0   | 259.5   | 264.9   | 270.4   |
| 82.5°  | 230.2   | 235.7   | 239.4   | 230.2   | 221.1   | 195.5   | 169.9   | 166.3   | 184.5   | 190.0   | 195.5   |
| 85°    | 133.4   | 140.7   | 148.0   | 140.7   | 133.4   | 107.8   | 82.2    | 80.4    | 96.8    | 106.0   | 115.1   |
| 87.5°  | 11.0    | 14.6    | 18.3    | 16.4    | 14.6    | 7.3     | 0.0     | 0.0     | 1.8     | 9.1     | 16.4    |
| 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: P320582

CATALOG NUMBER: GAN-SA8D-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: P320582

CATALOG NUMBER: GAN-SA8D-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 110°    | 115°    | 120°    | 125°    | 130°    | 135°    | 140°    | 145°    | 150°    | 155°    | 160°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 |
| 2.5°   | 11900.4 | 11829.2 | 11807.2 | 11785.3 | 11704.9 | 11622.7 | 11706.8 | 11789.0 | 11823.7 | 11858.4 | 11768.9 |
| 5°     | 9676.8  | 9664.0  | 9664.0  | 9662.1  | 9589.1  | 9514.1  | 9570.8  | 9625.6  | 9503.2  | 9380.8  | 9368.0  |
| 7.5°   | 7252.1  | 7330.7  | 7394.6  | 7456.7  | 7433.0  | 7409.2  | 7462.2  | 7515.2  | 7359.9  | 7202.8  | 7126.0  |
| 10°    | 5370.1  | 5386.5  | 5456.0  | 5525.4  | 5541.8  | 5556.5  | 5622.2  | 5686.2  | 5565.6  | 5445.0  | 5392.0  |
| 12.5°  | 4189.7  | 4102.0  | 4111.2  | 4118.5  | 4151.4  | 4182.4  | 4251.9  | 4319.5  | 4270.1  | 4219.0  | 4224.4  |
| 15°    | 3393.1  | 3281.6  | 3235.9  | 3188.4  | 3225.0  | 3261.5  | 3310.9  | 3358.4  | 3360.2  | 3360.2  | 3407.7  |
| 17.5°  | 2770.0  | 2713.4  | 2667.7  | 2620.2  | 2669.5  | 2717.0  | 2722.5  | 2728.0  | 2729.8  | 2731.6  | 2728.0  |
| 20°    | 2269.4  | 2296.8  | 2282.2  | 2267.5  | 2285.8  | 2302.2  | 2316.9  | 2329.7  | 2313.2  | 2294.9  | 2249.3  |
| 22.5°  | 1989.8  | 2013.6  | 2031.8  | 2048.3  | 2079.3  | 2108.6  | 2094.0  | 2077.5  | 2044.6  | 2009.9  | 1975.2  |
| 25°    | 1827.2  | 1843.6  | 1861.9  | 1880.2  | 1905.8  | 1929.5  | 1903.9  | 1878.3  | 1854.6  | 1830.8  | 1807.1  |
| 27.5°  | 1690.1  | 1706.6  | 1723.0  | 1737.7  | 1761.4  | 1783.3  | 1759.6  | 1735.8  | 1715.7  | 1695.6  | 1677.4  |
| 30°    | 1578.7  | 1589.6  | 1602.4  | 1615.2  | 1637.2  | 1657.3  | 1637.2  | 1615.2  | 1600.6  | 1584.2  | 1571.4  |
| 32.5°  | 1483.7  | 1494.6  | 1500.1  | 1505.6  | 1525.7  | 1545.8  | 1531.2  | 1516.6  | 1503.8  | 1491.0  | 1481.8  |
| 35°    | 1379.5  | 1401.4  | 1405.1  | 1408.8  | 1428.9  | 1449.0  | 1439.8  | 1428.9  | 1414.2  | 1399.6  | 1383.2  |
| 37.5°  | 1273.5  | 1299.1  | 1313.7  | 1326.5  | 1346.6  | 1366.7  | 1357.6  | 1348.5  | 1328.4  | 1308.3  | 1279.0  |
| 40°    | 1184.0  | 1195.0  | 1222.4  | 1248.0  | 1280.9  | 1311.9  | 1293.6  | 1273.5  | 1242.5  | 1211.4  | 1196.8  |
| 42.5°  | 1109.1  | 1107.3  | 1132.9  | 1158.4  | 1207.8  | 1255.3  | 1222.4  | 1189.5  | 1160.3  | 1131.0  | 1127.4  |
| 45°    | 1043.3  | 1037.8  | 1050.6  | 1063.4  | 1116.4  | 1167.6  | 1134.7  | 1100.0  | 1083.5  | 1067.1  | 1067.1  |
| 47.5°  | 984.9   | 981.2   | 990.3   | 997.6   | 1030.5  | 1061.6  | 1045.1  | 1028.7  | 1019.6  | 1010.4  | 1012.3  |
| 50°    | 931.9   | 928.2   | 937.3   | 944.7   | 957.4   | 968.4   | 972.1   | 973.9   | 968.4   | 962.9   | 966.6   |
| 52.5°  | 882.5   | 882.5   | 886.2   | 888.0   | 904.5   | 920.9   | 920.9   | 919.1   | 919.1   | 919.1   | 922.7   |
| 55°    | 840.5   | 844.2   | 844.2   | 844.2   | 869.7   | 893.5   | 886.2   | 878.9   | 880.7   | 880.7   | 884.4   |
| 57.5°  | 798.5   | 804.0   | 807.6   | 811.3   | 836.8   | 862.4   | 855.1   | 847.8   | 847.8   | 847.8   | 849.6   |
| 60°    | 751.0   | 758.3   | 765.6   | 772.9   | 798.5   | 824.1   | 816.8   | 807.6   | 809.4   | 811.3   | 813.1   |
| 62.5°  | 705.3   | 712.6   | 719.9   | 727.2   | 752.8   | 778.4   | 771.1   | 761.9   | 767.4   | 771.1   | 771.1   |
| 65°    | 661.4   | 666.9   | 674.2   | 681.5   | 705.3   | 729.0   | 721.7   | 714.4   | 721.7   | 727.2   | 730.9   |
| 67.5°  | 612.1   | 615.8   | 623.1   | 630.4   | 654.1   | 677.9   | 670.6   | 661.4   | 670.6   | 677.9   | 685.2   |
| 70°    | 555.5   | 559.1   | 568.3   | 575.6   | 599.3   | 623.1   | 613.9   | 604.8   | 613.9   | 623.1   | 630.4   |
| 72.5°  | 493.3   | 497.0   | 506.1   | 513.4   | 540.8   | 568.3   | 557.3   | 546.3   | 557.3   | 568.3   | 571.9   |
| 75°    | 425.7   | 429.4   | 440.4   | 449.5   | 476.9   | 504.3   | 495.2   | 484.2   | 493.3   | 502.5   | 504.3   |
| 77.5°  | 352.6   | 358.1   | 372.7   | 387.4   | 409.3   | 431.2   | 425.7   | 420.3   | 425.7   | 431.2   | 431.2   |
| 80°    | 275.9   | 281.4   | 299.7   | 316.1   | 328.9   | 341.7   | 343.5   | 345.3   | 347.2   | 349.0   | 347.2   |
| 82.5°  | 204.6   | 212.0   | 228.4   | 244.8   | 244.8   | 244.8   | 259.5   | 272.3   | 272.3   | 270.4   | 268.6   |
| 85°    | 126.1   | 135.2   | 149.8   | 164.4   | 155.3   | 146.2   | 169.9   | 191.9   | 191.9   | 190.0   | 186.4   |
| 87.5°  | 25.6    | 34.7    | 49.3    | 62.1    | 53.0    | 43.9    | 67.6    | 91.4    | 93.2    | 93.2    | 89.5    |
| 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     |



REPORT NUMBER: P320582  
 CATALOG NUMBER: GAN-SA8D-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: P320582

CATALOG NUMBER: GAN-SA8D-727-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 165°    | 170°    | 175°    | 180°    | 185°    | 190°    | 195°    | 200°    | 205°    | 210°    | 215°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 |
| 2.5°   | 11677.5 | 11820.0 | 11960.7 | 11997.3 | 12052.1 | 12075.8 | 12097.8 | 12276.8 | 12454.1 | 12662.4 | 12870.7 |
| 5°     | 9353.3  | 9459.3  | 9565.3  | 9581.7  | 9638.4  | 9667.6  | 9696.9  | 9914.3  | 10129.9 | 10420.4 | 10710.9 |
| 7.5°   | 7049.3  | 7074.8  | 7100.4  | 7096.8  | 7144.3  | 7208.2  | 7270.4  | 7502.4  | 7732.6  | 8045.1  | 8355.7  |
| 10°    | 5339.0  | 5397.5  | 5454.1  | 5507.1  | 5611.3  | 5731.9  | 5850.6  | 6088.2  | 6325.7  | 6634.5  | 6941.5  |
| 12.5°  | 4229.9  | 4297.5  | 4363.3  | 4421.8  | 4542.4  | 4703.2  | 4862.1  | 5147.2  | 5432.2  | 5801.3  | 6168.6  |
| 15°    | 3453.4  | 3447.9  | 3442.4  | 3482.6  | 3588.6  | 3764.0  | 3937.6  | 4239.1  | 4540.5  | 4946.2  | 5350.0  |
| 17.5°  | 2724.3  | 2696.9  | 2669.5  | 2700.6  | 2799.2  | 2943.6  | 3086.1  | 3341.9  | 3595.9  | 3988.7  | 4381.6  |
| 20°    | 2203.6  | 2185.3  | 2167.0  | 2196.3  | 2258.4  | 2318.7  | 2379.0  | 2563.5  | 2746.3  | 3066.0  | 3383.9  |
| 22.5°  | 1938.6  | 1936.8  | 1933.2  | 1949.6  | 1978.8  | 2009.9  | 2039.1  | 2128.7  | 2216.4  | 2422.8  | 2627.5  |
| 25°    | 1783.3  | 1781.5  | 1779.7  | 1787.0  | 1810.7  | 1834.5  | 1858.2  | 1916.7  | 1975.2  | 2073.9  | 2172.5  |
| 27.5°  | 1659.1  | 1655.4  | 1651.8  | 1653.6  | 1659.1  | 1695.6  | 1730.3  | 1757.7  | 1783.3  | 1850.9  | 1916.7  |
| 30°    | 1558.6  | 1556.8  | 1554.9  | 1554.9  | 1549.5  | 1562.2  | 1575.0  | 1617.1  | 1657.3  | 1726.7  | 1796.1  |
| 32.5°  | 1472.7  | 1463.6  | 1454.4  | 1434.3  | 1421.5  | 1439.8  | 1458.1  | 1501.9  | 1545.8  | 1609.7  | 1673.7  |
| 35°    | 1364.9  | 1341.2  | 1315.6  | 1304.6  | 1306.4  | 1324.7  | 1343.0  | 1386.8  | 1428.9  | 1498.3  | 1565.9  |
| 37.5°  | 1248.0  | 1240.7  | 1231.5  | 1229.7  | 1235.2  | 1253.4  | 1271.7  | 1310.1  | 1346.6  | 1416.1  | 1483.7  |
| 40°    | 1182.2  | 1178.5  | 1174.9  | 1171.2  | 1174.9  | 1193.1  | 1211.4  | 1248.0  | 1282.7  | 1350.3  | 1416.1  |
| 42.5°  | 1123.7  | 1121.9  | 1120.1  | 1120.1  | 1121.9  | 1142.0  | 1162.1  | 1198.6  | 1233.3  | 1293.6  | 1353.9  |
| 45°    | 1067.1  | 1068.9  | 1068.9  | 1072.6  | 1078.0  | 1098.1  | 1116.4  | 1156.6  | 1196.8  | 1255.3  | 1313.7  |
| 47.5°  | 1014.1  | 1019.6  | 1023.2  | 1032.4  | 1037.8  | 1059.8  | 1079.9  | 1123.7  | 1167.6  | 1240.7  | 1311.9  |
| 50°    | 968.4   | 973.9   | 977.5   | 984.9   | 999.5   | 1025.0  | 1050.6  | 1103.6  | 1154.8  | 1277.2  | 1397.8  |
| 52.5°  | 926.4   | 931.9   | 937.3   | 944.7   | 962.9   | 992.2   | 1021.4  | 1087.2  | 1151.1  | 1293.6  | 1436.2  |
| 55°    | 888.0   | 893.5   | 897.1   | 908.1   | 926.4   | 952.0   | 975.7   | 1056.1  | 1136.5  | 1240.7  | 1344.8  |
| 57.5°  | 851.5   | 856.9   | 860.6   | 867.9   | 877.0   | 904.5   | 930.0   | 1015.9  | 1101.8  | 1174.9  | 1246.1  |
| 60°    | 813.1   | 816.8   | 818.6   | 818.6   | 825.9   | 856.9   | 888.0   | 997.6   | 1105.4  | 1092.7  | 1078.0  |
| 62.5°  | 771.1   | 774.7   | 776.6   | 771.1   | 780.2   | 813.1   | 846.0   | 988.5   | 1131.0  | 1043.3  | 955.6   |
| 65°    | 732.7   | 730.9   | 729.0   | 723.6   | 734.5   | 767.4   | 798.5   | 869.7   | 941.0   | 906.3   | 871.6   |
| 67.5°  | 690.7   | 685.2   | 679.7   | 672.4   | 683.4   | 712.6   | 740.0   | 763.8   | 787.5   | 791.2   | 794.8   |
| 70°    | 637.7   | 630.4   | 623.1   | 621.2   | 626.7   | 650.5   | 674.2   | 690.7   | 705.3   | 712.6   | 718.1   |
| 72.5°  | 575.6   | 570.1   | 564.6   | 560.9   | 562.8   | 582.9   | 601.1   | 615.8   | 630.4   | 635.9   | 639.5   |
| 75°    | 506.1   | 506.1   | 504.3   | 493.3   | 493.3   | 509.8   | 524.4   | 537.2   | 550.0   | 557.3   | 564.6   |
| 77.5°  | 431.2   | 433.0   | 433.0   | 418.4   | 416.6   | 433.0   | 447.7   | 458.6   | 467.8   | 475.1   | 480.5   |
| 80°    | 345.3   | 341.7   | 338.0   | 328.9   | 325.2   | 345.3   | 363.6   | 372.7   | 380.1   | 381.9   | 381.9   |
| 82.5°  | 264.9   | 257.6   | 248.5   | 228.4   | 230.2   | 252.2   | 272.3   | 279.6   | 286.9   | 286.9   | 286.9   |
| 85°    | 180.9   | 166.3   | 149.8   | 133.4   | 135.2   | 159.0   | 180.9   | 188.2   | 195.5   | 199.2   | 201.0   |
| 87.5°  | 85.9    | 71.3    | 54.8    | 42.0    | 42.0    | 62.1    | 80.4    | 84.1    | 87.7    | 95.0    | 102.3   |
| 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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**CANDELA DISTRIBUTION (continued):**

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



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**CANDELA DISTRIBUTION (continued):**

|        | 220°    | 225°    | 230°    | 235°    | 240°    | 245°    | 250°    | 255°    | 260°    | 265°    | 270°    |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°     | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 |
| 2.5°   | 13029.6 | 13186.8 | 13349.4 | 13512.0 | 13698.4 | 13884.8 | 14102.2 | 14317.8 | 14502.3 | 14686.9 | 14840.4 |
| 5°     | 10961.3 | 11211.6 | 11505.8 | 11799.9 | 12174.5 | 12549.1 | 13007.7 | 13464.5 | 13872.0 | 14279.4 | 14752.7 |
| 7.5°   | 8682.8  | 9008.0  | 9391.7  | 9775.4  | 10259.6 | 10743.8 | 11337.7 | 11931.5 | 12507.1 | 13080.8 | 13808.0 |
| 10°    | 7283.1  | 7624.8  | 8003.1  | 8379.5  | 8872.8  | 9364.3  | 9992.9  | 10619.6 | 11266.4 | 11911.4 | 12733.6 |
| 12.5°  | 6548.6  | 6926.8  | 7259.4  | 7591.9  | 7992.1  | 8390.4  | 8998.9  | 9607.3  | 10367.4 | 11125.7 | 11916.9 |
| 15°    | 5764.8  | 6177.7  | 6576.0  | 6974.4  | 7411.0  | 7845.9  | 8437.9  | 9029.9  | 9861.3  | 10692.7 | 11602.6 |
| 17.5°  | 4816.5  | 5251.3  | 5737.4  | 6221.6  | 6791.6  | 7359.9  | 8118.2  | 8876.4  | 9861.3  | 10844.3 | 11916.9 |
| 20°    | 3827.9  | 4272.0  | 4853.0  | 5434.0  | 6143.0  | 6850.1  | 7833.1  | 8816.2  | 10142.7 | 11467.4 | 12836.0 |
| 22.5°  | 3020.3  | 3411.3  | 4045.4  | 4677.6  | 5496.2  | 6314.7  | 7575.5  | 8834.4  | 10568.4 | 12300.6 | 14147.9 |
| 25°    | 2448.4  | 2724.3  | 3347.4  | 3968.6  | 4913.3  | 5857.9  | 7418.4  | 8976.9  | 11187.8 | 13396.9 | 15688.2 |
| 27.5°  | 2097.6  | 2278.5  | 2859.5  | 3438.8  | 4471.1  | 5501.6  | 7354.4  | 9205.3  | 11973.5 | 14741.7 | 17363.7 |
| 30°    | 1922.2  | 2048.3  | 2539.8  | 3029.5  | 4078.3  | 5127.1  | 7277.7  | 9428.3  | 12730.0 | 16029.9 | 18673.8 |
| 32.5°  | 1776.0  | 1876.5  | 2296.8  | 2715.2  | 3738.4  | 4761.6  | 7129.7  | 9495.9  | 13258.0 | 17020.2 | 19782.9 |
| 35°    | 1651.8  | 1735.8  | 2101.3  | 2466.7  | 3471.6  | 4476.6  | 6881.2  | 9285.7  | 13588.8 | 17891.8 | 20937.7 |
| 37.5°  | 1551.3  | 1617.1  | 1955.1  | 2293.1  | 3241.4  | 4189.7  | 6598.0  | 9006.2  | 13882.9 | 18759.7 | 22236.8 |
| 40°    | 1472.7  | 1529.4  | 1845.5  | 2161.6  | 3022.2  | 3882.8  | 6354.9  | 8825.3  | 14288.6 | 19751.8 | 23609.0 |
| 42.5°  | 1428.9  | 1501.9  | 1750.4  | 1997.1  | 2813.9  | 3630.6  | 6159.4  | 8688.3  | 14665.0 | 20639.8 | 24809.5 |
| 45°    | 1417.9  | 1522.0  | 1701.1  | 1880.2  | 2658.5  | 3436.9  | 5985.8  | 8532.9  | 14908.0 | 21283.0 | 25713.9 |
| 47.5°  | 1399.6  | 1485.5  | 1662.7  | 1840.0  | 2581.8  | 3321.8  | 5892.7  | 8461.7  | 15151.0 | 21838.5 | 26464.9 |
| 50°    | 1410.6  | 1421.5  | 1631.7  | 1840.0  | 2570.8  | 3301.7  | 5998.6  | 8695.6  | 15677.2 | 22657.1 | 27323.7 |
| 52.5°  | 1390.5  | 1343.0  | 1573.2  | 1803.4  | 2569.0  | 3334.6  | 6303.8  | 9272.9  | 16654.8 | 24034.8 | 28253.7 |
| 55°    | 1284.5  | 1222.4  | 1463.6  | 1704.8  | 2530.6  | 3354.7  | 6667.4  | 9978.2  | 17966.7 | 25953.3 | 29925.6 |
| 57.5°  | 1191.3  | 1134.7  | 1339.3  | 1542.1  | 2413.7  | 3285.3  | 7042.0  | 10796.8 | 19353.5 | 27908.4 | 31809.4 |
| 60°    | 1067.1  | 1054.3  | 1200.5  | 1346.6  | 2232.8  | 3117.2  | 7350.8  | 11582.5 | 20285.4 | 28986.4 | 32534.8 |
| 62.5°  | 964.8   | 972.1   | 1079.9  | 1187.7  | 2006.2  | 2823.0  | 7453.1  | 12081.3 | 20259.8 | 28438.3 | 31803.9 |
| 65°    | 886.2   | 899.0   | 1005.0  | 1110.9  | 1812.6  | 2514.2  | 7116.9  | 11717.7 | 19234.7 | 26749.9 | 30358.6 |
| 67.5°  | 809.4   | 824.1   | 950.1   | 1074.4  | 1640.8  | 2205.4  | 6276.4  | 10345.5 | 17391.1 | 24434.9 | 28520.5 |
| 70°    | 736.4   | 754.6   | 891.7   | 1028.7  | 1516.6  | 2002.6  | 5192.9  | 8383.1  | 15083.4 | 21781.8 | 26391.8 |
| 72.5°  | 657.8   | 676.1   | 822.2   | 968.4   | 1438.0  | 1905.8  | 4233.6  | 6559.6  | 12240.3 | 17919.2 | 22574.8 |
| 75°    | 577.4   | 590.2   | 749.1   | 906.3   | 1330.2  | 1754.1  | 3321.8  | 4887.7  | 9368.0  | 13848.2 | 17051.3 |
| 77.5°  | 497.0   | 513.4   | 646.8   | 778.4   | 1129.2  | 1478.2  | 2503.2  | 3528.3  | 6873.9  | 10217.6 | 11858.4 |
| 80°    | 396.5   | 411.1   | 506.1   | 599.3   | 871.6   | 1142.0  | 1721.2  | 2300.4  | 4730.6  | 7160.7  | 8085.3  |
| 82.5°  | 303.3   | 319.8   | 383.7   | 445.8   | 621.2   | 796.7   | 1043.3  | 1290.0  | 3142.8  | 4993.7  | 5070.4  |
| 85°    | 208.3   | 213.8   | 259.5   | 303.3   | 383.7   | 464.1   | 597.5   | 730.9   | 2079.3  | 3427.8  | 2855.9  |
| 87.5°  | 104.1   | 104.1   | 135.2   | 166.3   | 206.5   | 246.7   | 316.1   | 383.7   | 665.1   | 946.5   | 544.5   |
| 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):**

|        | 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°     | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 |
| 2.5°   | 15035.9 | 15169.3 | 15304.5 | 15406.8 | 15510.9 | 15660.8 | 15810.6 | 15838.0 | 15867.2 | 15808.8 | 15750.3 |
| 5°     | 15229.6 | 15633.4 | 16039.0 | 16413.6 | 16788.1 | 17012.9 | 17237.6 | 17283.3 | 17329.0 | 17188.3 | 17045.8 |
| 7.5°   | 14511.5 | 15214.9 | 15918.4 | 16563.4 | 17208.4 | 17599.4 | 17992.3 | 18080.0 | 18169.5 | 17939.3 | 17709.0 |
| 10°    | 13552.2 | 14416.5 | 15280.7 | 16130.4 | 16980.0 | 17548.3 | 18116.5 | 18229.8 | 18343.1 | 18056.2 | 17769.3 |
| 12.5°  | 12810.4 | 13733.1 | 14655.8 | 15551.1 | 16448.3 | 17036.6 | 17625.0 | 17765.7 | 17906.4 | 17698.1 | 17488.0 |
| 15°    | 12582.0 | 13449.9 | 14317.8 | 15098.0 | 15880.0 | 16360.6 | 16843.0 | 16899.6 | 16958.1 | 16925.2 | 16892.3 |
| 17.5°  | 12996.7 | 13780.6 | 14566.3 | 14990.2 | 15415.9 | 15607.8 | 15801.5 | 15863.6 | 15927.5 | 16009.8 | 16093.8 |
| 20°    | 14001.7 | 14553.5 | 15107.1 | 15088.9 | 15068.8 | 14975.6 | 14880.6 | 14864.1 | 14847.7 | 15083.4 | 15320.9 |
| 22.5°  | 15501.8 | 15721.1 | 15942.2 | 15428.7 | 14915.3 | 14602.8 | 14288.6 | 14226.4 | 14162.5 | 14412.8 | 14665.0 |
| 25°    | 17129.8 | 17089.6 | 17047.6 | 16070.1 | 15090.7 | 14495.0 | 13899.4 | 13829.9 | 13760.5 | 13974.3 | 14189.9 |
| 27.5°  | 18741.4 | 18478.3 | 18215.2 | 16886.8 | 15558.5 | 14694.2 | 13829.9 | 13760.5 | 13691.1 | 13881.1 | 14071.1 |
| 30°    | 19923.6 | 19501.5 | 19079.4 | 17575.7 | 16071.9 | 15045.0 | 14018.1 | 13904.9 | 13789.7 | 14023.6 | 14257.5 |
| 32.5°  | 20846.3 | 20279.9 | 19713.5 | 18134.8 | 16556.1 | 15445.2 | 14334.2 | 14157.0 | 13979.8 | 14292.2 | 14604.7 |
| 35°    | 21767.2 | 20970.6 | 20172.1 | 18633.6 | 17093.3 | 15918.4 | 14741.7 | 14524.3 | 14306.8 | 14736.2 | 15165.6 |
| 37.5°  | 22925.7 | 21781.8 | 20636.2 | 19194.5 | 17752.9 | 16627.4 | 15500.0 | 15277.1 | 15054.2 | 15600.5 | 16148.6 |
| 40°    | 24182.8 | 22657.1 | 21131.4 | 19808.5 | 18485.6 | 17608.6 | 16729.7 | 16517.7 | 16303.9 | 16969.0 | 17634.1 |
| 42.5°  | 25227.9 | 23472.0 | 21716.1 | 20548.5 | 19379.1 | 18761.5 | 18142.1 | 18140.3 | 18136.6 | 18810.8 | 19485.1 |
| 45°    | 26077.5 | 24151.7 | 22224.0 | 21270.2 | 20314.6 | 19993.0 | 19671.4 | 19929.1 | 20186.7 | 20795.2 | 21405.4 |
| 47.5°  | 26711.6 | 24721.8 | 22730.1 | 22096.1 | 21462.1 | 21509.6 | 21557.1 | 22081.5 | 22605.9 | 22996.9 | 23389.8 |
| 50°    | 27124.5 | 25238.9 | 23351.4 | 23155.9 | 22960.4 | 23386.1 | 23813.7 | 24414.8 | 25017.8 | 25284.5 | 25551.3 |
| 52.5°  | 27725.7 | 25940.5 | 24153.5 | 24372.8 | 24592.0 | 25461.8 | 26331.5 | 26940.0 | 27548.4 | 27647.1 | 27747.6 |
| 55°    | 29116.1 | 27230.5 | 25343.0 | 25763.3 | 26185.3 | 27460.7 | 28737.9 | 29213.0 | 29688.1 | 29724.6 | 29761.1 |
| 57.5°  | 31091.3 | 29037.6 | 26983.8 | 27437.0 | 27890.1 | 29362.8 | 30837.3 | 31349.0 | 31862.4 | 31791.1 | 31718.1 |
| 60°    | 32569.5 | 30753.3 | 28935.3 | 29392.0 | 29848.8 | 31285.0 | 32721.2 | 33309.5 | 33899.7 | 33742.6 | 33585.4 |
| 62.5°  | 32660.9 | 31690.6 | 30718.6 | 31131.5 | 31546.3 | 32953.2 | 34360.2 | 34965.0 | 35569.8 | 35295.7 | 35021.6 |
| 65°    | 31208.3 | 31643.1 | 32078.0 | 32215.0 | 32352.1 | 33664.0 | 34977.7 | 35440.0 | 35904.1 | 35765.3 | 35626.4 |
| 67.5°  | 29207.5 | 30809.9 | 32414.2 | 32138.3 | 31862.4 | 32478.2 | 33093.9 | 33570.8 | 34047.7 | 33969.1 | 33888.7 |
| 70°    | 27210.4 | 29350.0 | 31489.7 | 30133.9 | 28776.3 | 28522.3 | 28268.3 | 28781.8 | 29297.0 | 28979.1 | 28659.3 |
| 72.5°  | 23810.0 | 26090.3 | 28372.5 | 25874.7 | 23377.0 | 22509.1 | 21641.1 | 22293.4 | 22945.8 | 22439.6 | 21931.7 |
| 75°    | 18690.2 | 21209.9 | 23731.4 | 20751.3 | 17771.2 | 16612.7 | 15454.3 | 16015.2 | 16576.2 | 16229.0 | 15880.0 |
| 77.5°  | 13914.0 | 16397.1 | 18880.3 | 15850.8 | 12819.5 | 11958.9 | 11096.5 | 11262.7 | 11430.9 | 11372.4 | 11312.1 |
| 80°    | 9437.4  | 11167.7 | 12899.9 | 10882.7 | 8865.5  | 8931.3  | 8998.9  | 8920.3  | 8839.9  | 8956.8  | 9073.8  |
| 82.5°  | 6022.4  | 7358.1  | 8695.6  | 7624.8  | 6554.1  | 7168.0  | 7782.0  | 7480.5  | 7177.2  | 7288.6  | 7401.9  |
| 85°    | 3436.9  | 4743.4  | 6051.6  | 5640.5  | 5227.6  | 5585.7  | 5945.6  | 5477.9  | 5010.1  | 5214.8  | 5421.2  |
| 87.5°  | 906.3   | 2623.8  | 4343.2  | 3943.1  | 3542.9  | 3078.8  | 2614.7  | 1995.3  | 1375.9  | 2009.9  | 2643.9  |
| 90°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 92.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 95°    | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 97.5°  | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 100°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 102.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 105°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 107.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 110°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



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**CANDELA DISTRIBUTION (continued):**

|        | 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°     | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 | 13923.1 |
| 2.5°   | 15719.2 | 15688.2 | 15576.7 | 15463.4 | 15295.3 | 15156.5 | 14915.3 |
| 5°     | 16848.4 | 16651.1 | 16311.3 | 15969.6 | 15589.5 | 15152.8 | 14668.6 |
| 7.5°   | 17248.6 | 16786.3 | 16134.0 | 15479.9 | 14891.5 | 14200.9 | 13557.7 |
| 10°    | 17078.7 | 16386.2 | 15538.4 | 14688.7 | 13974.3 | 13179.5 | 12465.0 |
| 12.5°  | 16753.4 | 16017.1 | 15083.4 | 14147.9 | 13334.8 | 12481.5 | 11681.2 |
| 15°    | 16305.8 | 15717.4 | 14842.2 | 13967.0 | 13148.4 | 12318.9 | 11370.6 |
| 17.5°  | 15816.1 | 15536.5 | 14904.3 | 14270.3 | 13561.3 | 12757.4 | 11644.6 |
| 20°    | 15421.4 | 15523.7 | 15271.6 | 15019.4 | 14451.2 | 13749.5 | 12499.8 |
| 22.5°  | 15154.6 | 15646.2 | 15839.8 | 16035.3 | 15693.7 | 15145.5 | 13700.2 |
| 25°    | 15004.8 | 15819.7 | 16468.4 | 17118.9 | 16967.2 | 16545.1 | 15158.3 |
| 27.5°  | 15070.6 | 16070.1 | 17076.8 | 18085.4 | 18226.1 | 18109.2 | 16695.0 |
| 30°    | 15267.9 | 16280.2 | 17506.2 | 18734.1 | 19295.0 | 19452.2 | 17975.8 |
| 32.5°  | 15596.8 | 16589.0 | 17924.7 | 19262.2 | 20110.0 | 20610.6 | 19147.0 |
| 35°    | 16093.8 | 17022.0 | 18414.3 | 19806.7 | 20903.0 | 21816.6 | 20356.6 |
| 37.5°  | 16947.1 | 17745.6 | 19030.1 | 20316.4 | 21738.0 | 23110.2 | 21688.6 |
| 40°    | 18196.9 | 18761.5 | 19846.9 | 20934.0 | 22722.8 | 24575.6 | 23174.1 |
| 42.5°  | 19773.8 | 20064.3 | 20924.9 | 21785.5 | 23751.5 | 25905.8 | 24626.8 |
| 45°    | 21482.2 | 21558.9 | 22099.8 | 22642.4 | 24566.5 | 26812.1 | 25717.6 |
| 47.5°  | 23126.6 | 22863.5 | 23079.1 | 23294.7 | 25191.4 | 27458.9 | 26545.3 |
| 50°    | 24818.6 | 24085.9 | 23972.6 | 23859.3 | 25816.3 | 28220.8 | 27597.8 |
| 52.5°  | 26539.8 | 25332.1 | 24884.4 | 24434.9 | 26561.7 | 29231.3 | 28907.8 |
| 55°    | 28224.5 | 26687.8 | 26084.8 | 25481.9 | 27701.9 | 30464.6 | 30831.9 |
| 57.5°  | 29976.7 | 28235.4 | 27676.3 | 27117.2 | 29377.4 | 32026.8 | 32558.6 |
| 60°    | 31862.4 | 30137.5 | 29689.9 | 29240.4 | 31460.4 | 33715.2 | 33327.8 |
| 62.5°  | 33651.2 | 32280.8 | 32045.1 | 31807.6 | 33567.2 | 35012.5 | 33028.1 |
| 65°    | 34846.2 | 34064.2 | 34283.4 | 34504.5 | 35160.5 | 35335.9 | 32151.1 |
| 67.5°  | 34047.7 | 34206.7 | 35133.1 | 36061.3 | 35609.9 | 34374.8 | 30422.6 |
| 70°    | 29611.3 | 30565.1 | 32759.5 | 34955.8 | 33954.5 | 31800.3 | 27320.0 |
| 72.5°  | 23002.4 | 24074.9 | 27332.8 | 30592.5 | 29669.8 | 27031.3 | 22439.6 |
| 75°    | 17089.6 | 18301.1 | 21896.9 | 25492.8 | 24212.0 | 20219.6 | 16066.4 |
| 77.5°  | 12123.4 | 12934.6 | 16484.8 | 20036.9 | 17948.4 | 13459.0 | 10811.4 |
| 80°    | 8825.3  | 8576.8  | 10555.6 | 12534.5 | 12187.3 | 8902.0  | 6943.3  |
| 82.5°  | 6795.3  | 6188.7  | 7120.5  | 8052.4  | 8001.2  | 6177.7  | 5094.2  |
| 85°    | 5178.2  | 4935.2  | 5759.3  | 6583.3  | 5878.0  | 4184.2  | 3237.8  |
| 87.5°  | 3018.5  | 3394.9  | 4365.1  | 5337.2  | 4005.2  | 1269.9  | 628.6   |
| 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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| 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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