

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: P320815

Luminaire Tested: **GAN-SA1D-830-U-SLR**

Issue Date: 3/3/2020

### Test Information

Test Method: LM-79-08  
Report Number: P320815  
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-SA1D-830-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(1) 80 CRI, 3000K, 1200mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 5674 lumens  
Efficiency: N/A  
Efficacy: 84.7 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type IV - Medium  
BUG Rating: B1 - U0 - G2

Input Watts (W): 67  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

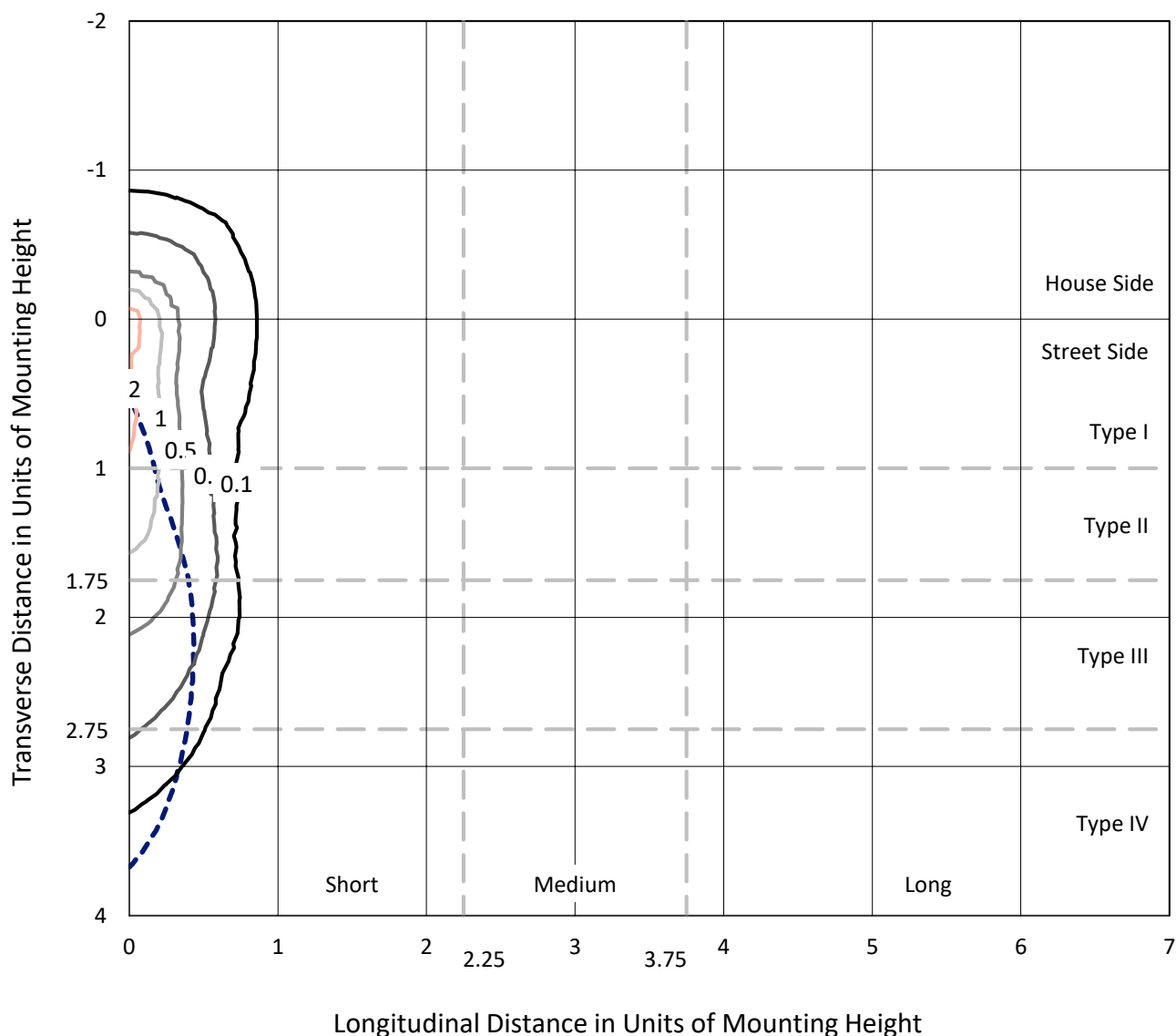


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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

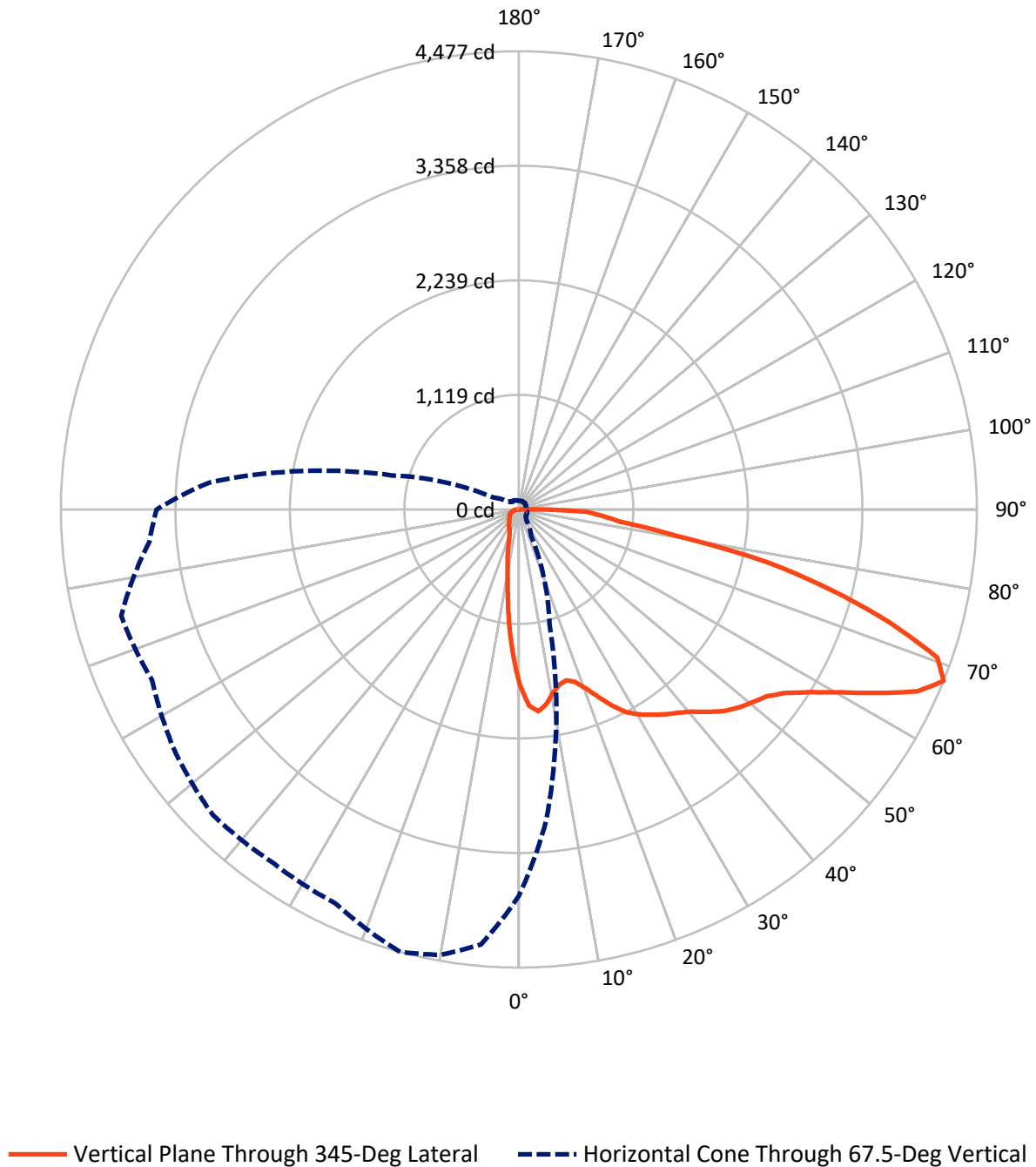
--- 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 2.8 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    | 980.9    | 0.0    | 980.9  |
|                    | % Fixture | 17.3     | 0.0    | 17.3   |
| <b>Street Side</b> | Lumens    | 4693.1   | 0.0    | 4693.1 |
|                    | % Fixture | 82.7     | 0.0    | 82.7   |
| <b>Total</b>       | Lumens    | 5674.0   | 0.0    | 5674.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 133.4  | 2.4       |
| 10°-20°   | 277.1  | 4.9       |
| 20°-30°   | 394.2  | 6.9       |
| 30°-40°   | 568.0  | 10.0      |
| 40°-50°   | 800.5  | 14.1      |
| 50°-60°   | 1112.8 | 19.6      |
| 60°-70°   | 1345.7 | 23.7      |
| 70°-80°   | 827.2  | 14.6      |
| 80°-90°   | 215.2  | 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°    | 5674.0 | 100.0     |
| 0°-180°   | 5674.0 | 100.0     |

**Coefficient of Utilization**



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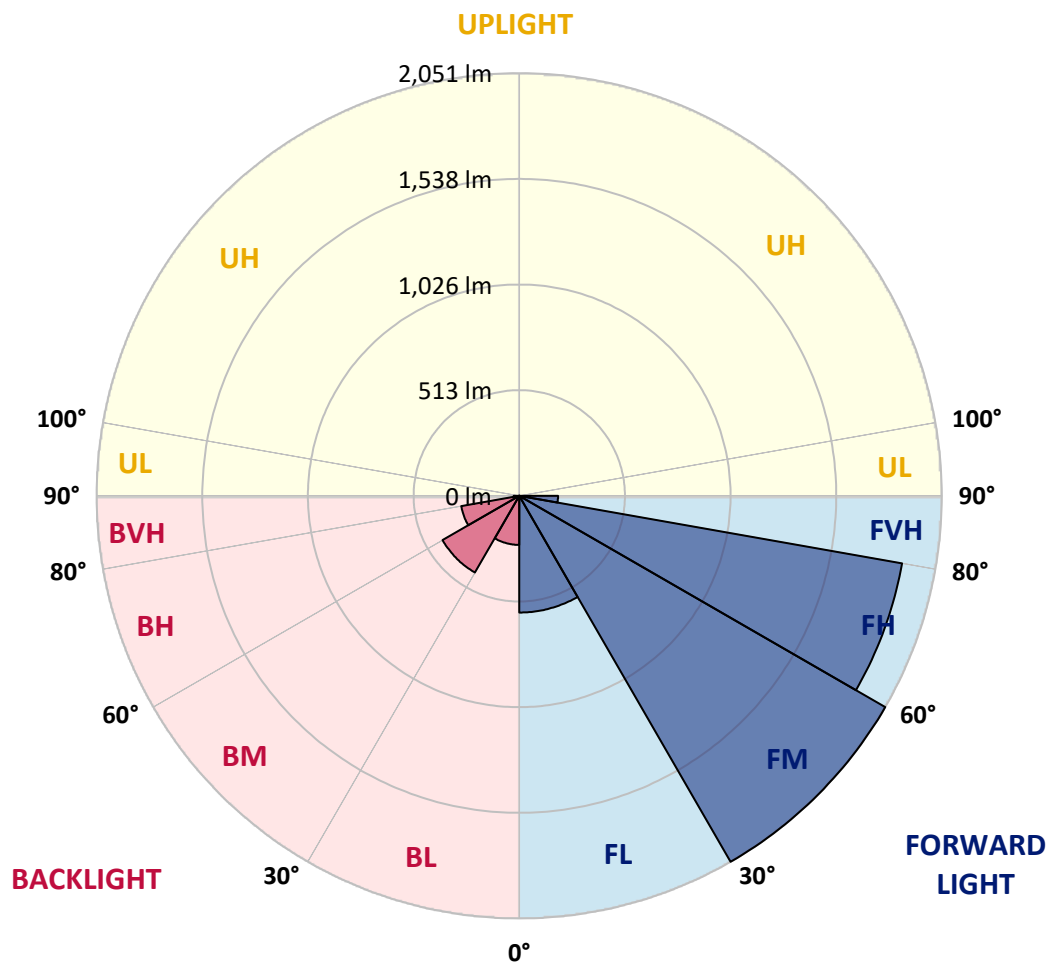
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 566.6  | 10.0      |                         |      |         |
| FM   | (30°-60°)   | 2051.3 | 36.2      |                         |      |         |
| FH   | (60°-80°)   | 1887.0 | 33.3      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 188.3  | 3.3       |                         |      | G2/225  |
| BL   | (0°-30°)    | 238.2  | 4.2       | B1/500                  |      |         |
| BM   | (30°-60°)   | 429.9  | 7.6       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 285.9  | 5.0       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 27.0   | 0.5       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G2**

Type IV Medium



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**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 |
| 2.5°   | 1851.8 | 1835.5 | 1810.7 | 1786.0 | 1767.6 | 1749.0 | 1727.9 | 1706.8 | 1682.8 | 1658.5 | 1644.2 |
| 5°     | 1821.2 | 1775.8 | 1716.8 | 1657.8 | 1618.8 | 1579.8 | 1535.6 | 1491.3 | 1447.6 | 1403.8 | 1380.2 |
| 7.5°   | 1683.3 | 1615.2 | 1538.5 | 1461.8 | 1405.1 | 1348.2 | 1286.9 | 1225.5 | 1171.0 | 1116.3 | 1082.5 |
| 10°    | 1547.6 | 1465.9 | 1377.9 | 1289.7 | 1217.1 | 1144.5 | 1083.0 | 1021.3 | 980.2  | 939.2  | 908.1  |
| 12.5°  | 1450.3 | 1359.8 | 1262.9 | 1165.8 | 1093.2 | 1020.6 | 981.6  | 942.6  | 908.5  | 874.5  | 838.7  |
| 15°    | 1411.7 | 1309.4 | 1210.3 | 1110.9 | 1044.9 | 978.9  | 935.5  | 892.0  | 846.4  | 800.6  | 756.6  |
| 17.5°  | 1445.7 | 1326.0 | 1218.2 | 1110.4 | 1024.0 | 937.6  | 877.0  | 816.2  | 756.1  | 696.0  | 644.9  |
| 20°    | 1551.9 | 1399.0 | 1258.1 | 1117.0 | 1002.0 | 887.0  | 805.8  | 724.3  | 647.2  | 570.1  | 512.2  |
| 22.5°  | 1700.9 | 1498.6 | 1314.6 | 1130.6 | 982.0  | 833.2  | 731.4  | 629.3  | 538.1  | 446.9  | 390.2  |
| 25°    | 1882.0 | 1630.6 | 1396.1 | 1161.3 | 973.9  | 786.3  | 661.1  | 535.8  | 439.6  | 343.2  | 302.8  |
| 27.5°  | 2072.8 | 1788.1 | 1497.2 | 1206.2 | 975.2  | 744.3  | 601.8  | 459.2  | 372.5  | 285.8  | 258.2  |
| 30°    | 2231.8 | 1968.0 | 1615.2 | 1262.2 | 980.5  | 698.7  | 546.0  | 393.4  | 321.9  | 250.4  | 232.5  |
| 32.5°  | 2377.2 | 2093.4 | 1704.1 | 1314.6 | 986.4  | 657.9  | 502.9  | 347.8  | 289.5  | 230.9  | 216.2  |
| 35°    | 2527.4 | 2204.8 | 1766.3 | 1327.5 | 976.2  | 624.5  | 473.4  | 322.4  | 268.6  | 214.6  | 202.1  |
| 37.5°  | 2692.8 | 2325.2 | 1826.2 | 1326.9 | 958.9  | 591.0  | 450.5  | 309.9  | 255.0  | 199.9  | 190.8  |
| 40°    | 2877.2 | 2458.4 | 1891.1 | 1323.7 | 943.3  | 562.6  | 433.5  | 304.2  | 247.5  | 190.6  | 182.8  |
| 42.5°  | 3057.5 | 2585.4 | 1951.4 | 1317.3 | 930.6  | 543.5  | 416.7  | 289.9  | 240.7  | 191.2  | 180.3  |
| 45°    | 3193.0 | 2696.4 | 2003.8 | 1311.0 | 921.0  | 531.1  | 403.6  | 276.1  | 234.3  | 192.6  | 178.8  |
| 47.5°  | 3295.7 | 2807.8 | 2061.9 | 1315.8 | 920.1  | 524.5  | 394.3  | 264.1  | 222.3  | 180.3  | 174.7  |
| 50°    | 3426.4 | 2941.6 | 2146.5 | 1351.4 | 932.6  | 513.8  | 383.4  | 252.7  | 210.7  | 168.8  | 176.5  |
| 52.5°  | 3589.0 | 3132.6 | 2277.6 | 1422.4 | 958.7  | 495.0  | 366.1  | 237.3  | 196.7  | 155.8  | 167.9  |
| 55°    | 3827.9 | 3377.4 | 2445.3 | 1512.9 | 990.2  | 467.3  | 340.1  | 212.6  | 178.1  | 143.4  | 154.0  |
| 57.5°  | 4042.3 | 3624.7 | 2606.1 | 1587.3 | 1010.0 | 432.4  | 307.2  | 181.9  | 157.2  | 132.5  | 138.6  |
| 60°    | 4137.8 | 3752.2 | 2681.4 | 1610.4 | 998.2  | 385.9  | 270.2  | 154.3  | 138.8  | 123.4  | 122.3  |
| 62.5°  | 4100.6 | 3671.2 | 2607.2 | 1543.3 | 940.5  | 337.8  | 237.5  | 137.2  | 125.7  | 113.9  | 111.4  |
| 65°    | 3991.7 | 3416.6 | 2399.4 | 1382.2 | 843.2  | 304.2  | 216.9  | 129.5  | 116.6  | 103.7  | 100.9  |
| 67.5°  | 3777.1 | 3054.4 | 2105.0 | 1155.6 | 719.6  | 283.6  | 205.1  | 126.6  | 110.9  | 95.1   | 91.9   |
| 70°    | 3391.9 | 2618.3 | 1765.8 | 913.1  | 592.1  | 270.9  | 197.4  | 123.9  | 104.8  | 85.5   | 82.6   |
| 72.5°  | 2786.0 | 2099.3 | 1410.1 | 720.7  | 495.0  | 269.3  | 196.5  | 123.6  | 99.8   | 76.0   | 73.3   |
| 75°    | 1994.7 | 1594.6 | 1076.4 | 558.1  | 405.4  | 252.7  | 186.5  | 120.2  | 93.0   | 65.6   | 63.1   |
| 77.5°  | 1342.3 | 1103.6 | 748.2  | 392.5  | 300.8  | 209.2  | 156.8  | 104.4  | 79.6   | 54.9   | 52.4   |
| 80°    | 862.0  | 763.8  | 501.3  | 238.9  | 195.1  | 151.3  | 112.1  | 72.8   | 58.1   | 43.1   | 41.1   |
| 82.5°  | 632.5  | 568.5  | 348.4  | 128.4  | 108.4  | 88.2   | 68.5   | 48.8   | 39.7   | 30.6   | 29.7   |
| 85°    | 402.0  | 443.3  | 256.6  | 69.9   | 57.2   | 44.5   | 36.8   | 29.0   | 22.9   | 16.8   | 16.8   |
| 87.5°  | 78.0   | 108.0  | 71.0   | 33.8   | 24.7   | 15.7   | 13.4   | 10.9   | 6.1    | 1.1    | 1.4    |
| 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    |



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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°     | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 |
| 2.5°   | 1629.7 | 1614.1 | 1598.4 | 1580.7 | 1562.8 | 1546.2 | 1529.4 | 1511.1 | 1514.5 | 1500.4 | 1486.3 |
| 5°     | 1356.6 | 1331.6 | 1306.4 | 1284.7 | 1262.9 | 1244.1 | 1225.0 | 1208.0 | 1222.7 | 1212.8 | 1202.8 |
| 7.5°   | 1048.5 | 1017.7 | 986.6  | 960.5  | 934.4  | 914.2  | 893.8  | 879.7  | 894.3  | 892.4  | 890.6  |
| 10°    | 877.0  | 847.1  | 816.9  | 788.1  | 759.3  | 734.8  | 710.1  | 689.2  | 685.6  | 675.1  | 664.5  |
| 12.5°  | 802.6  | 761.5  | 720.3  | 690.1  | 659.9  | 630.7  | 601.4  | 576.9  | 565.8  | 548.5  | 531.1  |
| 15°    | 712.5  | 664.0  | 615.5  | 581.2  | 546.7  | 518.4  | 489.8  | 468.7  | 461.6  | 448.3  | 434.9  |
| 17.5°  | 593.9  | 540.8  | 487.7  | 453.0  | 418.1  | 395.4  | 372.5  | 358.4  | 358.4  | 354.6  | 350.7  |
| 20°    | 454.4  | 407.0  | 359.6  | 333.0  | 306.5  | 294.5  | 282.2  | 276.3  | 278.1  | 278.3  | 278.3  |
| 22.5°  | 333.2  | 304.2  | 275.2  | 264.5  | 253.6  | 249.3  | 245.0  | 242.5  | 243.4  | 243.6  | 243.9  |
| 25°    | 262.5  | 251.4  | 240.0  | 234.6  | 228.9  | 226.2  | 223.5  | 222.5  | 224.6  | 224.8  | 224.8  |
| 27.5°  | 230.5  | 223.7  | 216.6  | 213.2  | 209.6  | 208.5  | 207.3  | 205.8  | 207.8  | 207.8  | 207.6  |
| 30°    | 214.4  | 207.1  | 199.9  | 195.5  | 191.2  | 191.7  | 191.9  | 191.5  | 192.8  | 193.7  | 194.4  |
| 32.5°  | 201.2  | 194.2  | 187.2  | 182.8  | 178.3  | 177.6  | 176.9  | 176.5  | 179.4  | 181.0  | 182.6  |
| 35°    | 189.4  | 181.7  | 174.0  | 169.9  | 165.8  | 164.2  | 162.7  | 161.5  | 164.2  | 166.3  | 168.3  |
| 37.5°  | 181.5  | 173.5  | 165.4  | 161.5  | 157.4  | 155.4  | 153.4  | 152.0  | 153.1  | 154.0  | 154.9  |
| 40°    | 175.1  | 167.0  | 158.6  | 154.0  | 149.5  | 147.5  | 145.4  | 144.3  | 145.0  | 145.2  | 145.4  |
| 42.5°  | 169.2  | 161.3  | 153.4  | 148.4  | 143.1  | 140.6  | 138.2  | 136.8  | 137.2  | 137.7  | 137.9  |
| 45°    | 164.9  | 157.0  | 148.8  | 142.9  | 136.8  | 134.1  | 131.3  | 129.8  | 130.0  | 130.0  | 130.0  |
| 47.5°  | 169.0  | 157.4  | 145.6  | 138.8  | 131.8  | 128.6  | 125.4  | 123.9  | 123.4  | 123.0  | 122.5  |
| 50°    | 184.0  | 164.2  | 144.3  | 135.7  | 126.8  | 123.4  | 119.8  | 118.0  | 116.8  | 116.4  | 115.9  |
| 52.5°  | 179.7  | 162.7  | 145.4  | 134.3  | 123.0  | 118.9  | 114.8  | 111.8  | 110.7  | 110.0  | 109.3  |
| 55°    | 164.5  | 153.8  | 142.9  | 129.5  | 116.1  | 112.5  | 108.7  | 106.6  | 104.6  | 104.1  | 103.7  |
| 57.5°  | 144.5  | 140.2  | 135.9  | 122.3  | 108.7  | 105.3  | 101.6  | 100.3  | 98.5   | 98.5   | 98.2   |
| 60°    | 120.9  | 127.3  | 133.6  | 118.0  | 102.1  | 98.2   | 94.4   | 93.2   | 92.6   | 92.3   | 92.1   |
| 62.5°  | 108.7  | 119.1  | 129.3  | 112.7  | 96.0   | 91.9   | 87.8   | 86.4   | 86.2   | 86.4   | 86.4   |
| 65°    | 98.2   | 101.4  | 104.6  | 96.9   | 89.2   | 85.1   | 80.8   | 79.4   | 79.9   | 80.5   | 81.2   |
| 67.5°  | 88.7   | 88.0   | 87.3   | 84.6   | 81.7   | 78.3   | 74.6   | 73.3   | 73.5   | 74.4   | 75.3   |
| 70°    | 79.6   | 78.7   | 77.6   | 75.5   | 73.5   | 70.6   | 67.6   | 66.7   | 66.5   | 67.6   | 68.5   |
| 72.5°  | 70.6   | 69.4   | 68.1   | 66.5   | 64.7   | 62.2   | 59.7   | 59.0   | 59.2   | 59.9   | 60.6   |
| 75°    | 60.6   | 59.7   | 58.5   | 57.2   | 55.6   | 53.3   | 51.0   | 50.6   | 51.0   | 51.7   | 52.4   |
| 77.5°  | 49.7   | 49.5   | 49.0   | 47.9   | 46.7   | 44.2   | 41.5   | 41.3   | 42.0   | 42.6   | 43.1   |
| 80°    | 38.8   | 39.0   | 39.2   | 38.3   | 37.4   | 34.7   | 31.8   | 31.5   | 32.2   | 32.9   | 33.6   |
| 82.5°  | 28.6   | 29.3   | 29.7   | 28.6   | 27.4   | 24.3   | 21.1   | 20.6   | 22.9   | 23.6   | 24.3   |
| 85°    | 16.6   | 17.5   | 18.4   | 17.5   | 16.6   | 13.4   | 10.2   | 10.0   | 12.0   | 13.2   | 14.3   |
| 87.5°  | 1.4    | 1.8    | 2.3    | 2.0    | 1.8    | 0.9    | 0.0    | 0.0    | 0.2    | 1.1    | 2.0    |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P320815  
 CATALOG NUMBER: GAN-SA1D-830-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: P320815

CATALOG NUMBER: GAN-SA1D-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 |
| 2.5°   | 1477.5 | 1468.6 | 1465.9 | 1463.2 | 1453.2 | 1443.0 | 1453.5 | 1463.7 | 1468.0 | 1472.3 | 1461.2 |
| 5°     | 1201.4 | 1199.8 | 1199.8 | 1199.6 | 1190.5 | 1181.2 | 1188.3 | 1195.1 | 1179.9 | 1164.7 | 1163.1 |
| 7.5°   | 900.4  | 910.1  | 918.1  | 925.8  | 922.8  | 919.9  | 926.5  | 933.0  | 913.8  | 894.3  | 884.7  |
| 10°    | 666.7  | 668.8  | 677.4  | 686.0  | 688.0  | 689.9  | 698.0  | 706.0  | 691.0  | 676.0  | 669.4  |
| 12.5°  | 520.2  | 509.3  | 510.4  | 511.3  | 515.4  | 519.3  | 527.9  | 536.3  | 530.2  | 523.8  | 524.5  |
| 15°    | 421.3  | 407.4  | 401.8  | 395.9  | 400.4  | 404.9  | 411.1  | 417.0  | 417.2  | 417.2  | 423.1  |
| 17.5°  | 343.9  | 336.9  | 331.2  | 325.3  | 331.4  | 337.3  | 338.0  | 338.7  | 338.9  | 339.1  | 338.7  |
| 20°    | 281.8  | 285.2  | 283.3  | 281.5  | 283.8  | 285.8  | 287.7  | 289.2  | 287.2  | 284.9  | 279.3  |
| 22.5°  | 247.0  | 250.0  | 252.3  | 254.3  | 258.2  | 261.8  | 260.0  | 257.9  | 253.8  | 249.5  | 245.2  |
| 25°    | 226.9  | 228.9  | 231.2  | 233.4  | 236.6  | 239.6  | 236.4  | 233.2  | 230.3  | 227.3  | 224.4  |
| 27.5°  | 209.8  | 211.9  | 213.9  | 215.7  | 218.7  | 221.4  | 218.5  | 215.5  | 213.0  | 210.5  | 208.3  |
| 30°    | 196.0  | 197.4  | 199.0  | 200.5  | 203.3  | 205.8  | 203.3  | 200.5  | 198.7  | 196.7  | 195.1  |
| 32.5°  | 184.2  | 185.6  | 186.2  | 186.9  | 189.4  | 191.9  | 190.1  | 188.3  | 186.7  | 185.1  | 184.0  |
| 35°    | 171.3  | 174.0  | 174.5  | 174.9  | 177.4  | 179.9  | 178.8  | 177.4  | 175.6  | 173.8  | 171.7  |
| 37.5°  | 158.1  | 161.3  | 163.1  | 164.7  | 167.2  | 169.7  | 168.6  | 167.4  | 164.9  | 162.4  | 158.8  |
| 40°    | 147.0  | 148.4  | 151.8  | 154.9  | 159.0  | 162.9  | 160.6  | 158.1  | 154.3  | 150.4  | 148.6  |
| 42.5°  | 137.7  | 137.5  | 140.6  | 143.8  | 150.0  | 155.8  | 151.8  | 147.7  | 144.1  | 140.4  | 140.0  |
| 45°    | 129.5  | 128.9  | 130.4  | 132.0  | 138.6  | 145.0  | 140.9  | 136.6  | 134.5  | 132.5  | 132.5  |
| 47.5°  | 122.3  | 121.8  | 123.0  | 123.9  | 127.9  | 131.8  | 129.8  | 127.7  | 126.6  | 125.4  | 125.7  |
| 50°    | 115.7  | 115.2  | 116.4  | 117.3  | 118.9  | 120.2  | 120.7  | 120.9  | 120.2  | 119.6  | 120.0  |
| 52.5°  | 109.6  | 109.6  | 110.0  | 110.3  | 112.3  | 114.3  | 114.3  | 114.1  | 114.1  | 114.1  | 114.6  |
| 55°    | 104.4  | 104.8  | 104.8  | 104.8  | 108.0  | 110.9  | 110.0  | 109.1  | 109.3  | 109.3  | 109.8  |
| 57.5°  | 99.1   | 99.8   | 100.3  | 100.7  | 103.9  | 107.1  | 106.2  | 105.3  | 105.3  | 105.3  | 105.5  |
| 60°    | 93.2   | 94.1   | 95.1   | 96.0   | 99.1   | 102.3  | 101.4  | 100.3  | 100.5  | 100.7  | 100.9  |
| 62.5°  | 87.6   | 88.5   | 89.4   | 90.3   | 93.5   | 96.6   | 95.7   | 94.6   | 95.3   | 95.7   | 95.7   |
| 65°    | 82.1   | 82.8   | 83.7   | 84.6   | 87.6   | 90.5   | 89.6   | 88.7   | 89.6   | 90.3   | 90.7   |
| 67.5°  | 76.0   | 76.4   | 77.4   | 78.3   | 81.2   | 84.2   | 83.3   | 82.1   | 83.3   | 84.2   | 85.1   |
| 70°    | 69.0   | 69.4   | 70.6   | 71.5   | 74.4   | 77.4   | 76.2   | 75.1   | 76.2   | 77.4   | 78.3   |
| 72.5°  | 61.3   | 61.7   | 62.8   | 63.7   | 67.1   | 70.6   | 69.2   | 67.8   | 69.2   | 70.6   | 71.0   |
| 75°    | 52.9   | 53.3   | 54.7   | 55.8   | 59.2   | 62.6   | 61.5   | 60.1   | 61.3   | 62.4   | 62.6   |
| 77.5°  | 43.8   | 44.5   | 46.3   | 48.1   | 50.8   | 53.5   | 52.9   | 52.2   | 52.9   | 53.5   | 53.5   |
| 80°    | 34.3   | 34.9   | 37.2   | 39.2   | 40.8   | 42.4   | 42.6   | 42.9   | 43.1   | 43.3   | 43.1   |
| 82.5°  | 25.4   | 26.3   | 28.4   | 30.4   | 30.4   | 30.4   | 32.2   | 33.8   | 33.8   | 33.6   | 33.3   |
| 85°    | 15.7   | 16.8   | 18.6   | 20.4   | 19.3   | 18.1   | 21.1   | 23.8   | 23.8   | 23.6   | 23.1   |
| 87.5°  | 3.2    | 4.3    | 6.1    | 7.7    | 6.6    | 5.4    | 8.4    | 11.3   | 11.6   | 11.6   | 11.1   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P320815  
 CATALOG NUMBER: GAN-SA1D-830-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: P320815

CATALOG NUMBER: GAN-SA1D-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 |
| 2.5°   | 1449.8 | 1467.5 | 1485.0 | 1489.5 | 1496.3 | 1499.3 | 1502.0 | 1524.2 | 1546.2 | 1572.1 | 1598.0 |
| 5°     | 1161.3 | 1174.4 | 1187.6 | 1189.6 | 1196.7 | 1200.3 | 1203.9 | 1230.9 | 1257.7 | 1293.7 | 1329.8 |
| 7.5°   | 875.2  | 878.4  | 881.6  | 881.1  | 887.0  | 894.9  | 902.6  | 931.5  | 960.0  | 998.8  | 1037.4 |
| 10°    | 662.9  | 670.1  | 677.2  | 683.7  | 696.7  | 711.6  | 726.4  | 755.9  | 785.4  | 823.7  | 861.8  |
| 12.5°  | 525.2  | 533.6  | 541.7  | 549.0  | 564.0  | 583.9  | 603.7  | 639.0  | 674.4  | 720.3  | 765.9  |
| 15°    | 428.8  | 428.1  | 427.4  | 432.4  | 445.5  | 467.3  | 488.9  | 526.3  | 563.7  | 614.1  | 664.2  |
| 17.5°  | 338.2  | 334.8  | 331.4  | 335.3  | 347.5  | 365.5  | 383.2  | 414.9  | 446.4  | 495.2  | 544.0  |
| 20°    | 273.6  | 271.3  | 269.0  | 272.7  | 280.4  | 287.9  | 295.4  | 318.3  | 341.0  | 380.7  | 420.1  |
| 22.5°  | 240.7  | 240.5  | 240.0  | 242.1  | 245.7  | 249.5  | 253.2  | 264.3  | 275.2  | 300.8  | 326.2  |
| 25°    | 221.4  | 221.2  | 221.0  | 221.9  | 224.8  | 227.8  | 230.7  | 238.0  | 245.2  | 257.5  | 269.7  |
| 27.5°  | 206.0  | 205.5  | 205.1  | 205.3  | 206.0  | 210.5  | 214.8  | 218.2  | 221.4  | 229.8  | 238.0  |
| 30°    | 193.5  | 193.3  | 193.1  | 193.1  | 192.4  | 194.0  | 195.5  | 200.8  | 205.8  | 214.4  | 223.0  |
| 32.5°  | 182.8  | 181.7  | 180.6  | 178.1  | 176.5  | 178.8  | 181.0  | 186.5  | 191.9  | 199.9  | 207.8  |
| 35°    | 169.5  | 166.5  | 163.3  | 162.0  | 162.2  | 164.5  | 166.7  | 172.2  | 177.4  | 186.0  | 194.4  |
| 37.5°  | 154.9  | 154.0  | 152.9  | 152.7  | 153.4  | 155.6  | 157.9  | 162.7  | 167.2  | 175.8  | 184.2  |
| 40°    | 146.8  | 146.3  | 145.9  | 145.4  | 145.9  | 148.1  | 150.4  | 154.9  | 159.3  | 167.6  | 175.8  |
| 42.5°  | 139.5  | 139.3  | 139.1  | 139.1  | 139.3  | 141.8  | 144.3  | 148.8  | 153.1  | 160.6  | 168.1  |
| 45°    | 132.5  | 132.7  | 132.7  | 133.2  | 133.8  | 136.3  | 138.6  | 143.6  | 148.6  | 155.8  | 163.1  |
| 47.5°  | 125.9  | 126.6  | 127.0  | 128.2  | 128.9  | 131.6  | 134.1  | 139.5  | 145.0  | 154.0  | 162.9  |
| 50°    | 120.2  | 120.9  | 121.4  | 122.3  | 124.1  | 127.3  | 130.4  | 137.0  | 143.4  | 158.6  | 173.5  |
| 52.5°  | 115.0  | 115.7  | 116.4  | 117.3  | 119.6  | 123.2  | 126.8  | 135.0  | 142.9  | 160.6  | 178.3  |
| 55°    | 110.3  | 110.9  | 111.4  | 112.7  | 115.0  | 118.2  | 121.1  | 131.1  | 141.1  | 154.0  | 167.0  |
| 57.5°  | 105.7  | 106.4  | 106.8  | 107.8  | 108.9  | 112.3  | 115.5  | 126.1  | 136.8  | 145.9  | 154.7  |
| 60°    | 100.9  | 101.4  | 101.6  | 101.6  | 102.5  | 106.4  | 110.3  | 123.9  | 137.2  | 135.7  | 133.8  |
| 62.5°  | 95.7   | 96.2   | 96.4   | 95.7   | 96.9   | 100.9  | 105.0  | 122.7  | 140.4  | 129.5  | 118.6  |
| 65°    | 91.0   | 90.7   | 90.5   | 89.8   | 91.2   | 95.3   | 99.1   | 108.0  | 116.8  | 112.5  | 108.2  |
| 67.5°  | 85.8   | 85.1   | 84.4   | 83.5   | 84.8   | 88.5   | 91.9   | 94.8   | 97.8   | 98.2   | 98.7   |
| 70°    | 79.2   | 78.3   | 77.4   | 77.1   | 77.8   | 80.8   | 83.7   | 85.8   | 87.6   | 88.5   | 89.2   |
| 72.5°  | 71.5   | 70.8   | 70.1   | 69.6   | 69.9   | 72.4   | 74.6   | 76.4   | 78.3   | 78.9   | 79.4   |
| 75°    | 62.8   | 62.8   | 62.6   | 61.3   | 61.3   | 63.3   | 65.1   | 66.7   | 68.3   | 69.2   | 70.1   |
| 77.5°  | 53.5   | 53.8   | 53.8   | 51.9   | 51.7   | 53.8   | 55.6   | 56.9   | 58.1   | 59.0   | 59.7   |
| 80°    | 42.9   | 42.4   | 42.0   | 40.8   | 40.4   | 42.9   | 45.1   | 46.3   | 47.2   | 47.4   | 47.4   |
| 82.5°  | 32.9   | 32.0   | 30.9   | 28.4   | 28.6   | 31.3   | 33.8   | 34.7   | 35.6   | 35.6   | 35.6   |
| 85°    | 22.5   | 20.6   | 18.6   | 16.6   | 16.8   | 19.7   | 22.5   | 23.4   | 24.3   | 24.7   | 25.0   |
| 87.5°  | 10.7   | 8.8    | 6.8    | 5.2    | 5.2    | 7.7    | 10.0   | 10.4   | 10.9   | 11.8   | 12.7   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P320815  
 CATALOG NUMBER: GAN-SA1D-830-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-SA1D-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 |
| 2.5°   | 1617.7 | 1637.2 | 1657.4 | 1677.6 | 1700.7 | 1723.9 | 1750.9 | 1777.6 | 1800.5 | 1823.4 | 1842.5 |
| 5°     | 1360.9 | 1392.0 | 1428.5 | 1465.0 | 1511.5 | 1558.0 | 1615.0 | 1671.7 | 1722.3 | 1772.9 | 1831.6 |
| 7.5°   | 1078.0 | 1118.4 | 1166.0 | 1213.7 | 1273.8 | 1333.9 | 1407.6 | 1481.4 | 1552.8 | 1624.0 | 1714.3 |
| 10°    | 904.2  | 946.7  | 993.6  | 1040.3 | 1101.6 | 1162.6 | 1240.7 | 1318.5 | 1398.8 | 1478.9 | 1580.9 |
| 12.5°  | 813.0  | 860.0  | 901.3  | 942.6  | 992.3  | 1041.7 | 1117.3 | 1192.8 | 1287.2 | 1381.3 | 1479.5 |
| 15°    | 715.7  | 767.0  | 816.4  | 865.9  | 920.1  | 974.1  | 1047.6 | 1121.1 | 1224.3 | 1327.5 | 1440.5 |
| 17.5°  | 598.0  | 652.0  | 712.3  | 772.4  | 843.2  | 913.8  | 1007.9 | 1102.1 | 1224.3 | 1346.4 | 1479.5 |
| 20°    | 475.3  | 530.4  | 602.5  | 674.7  | 762.7  | 850.5  | 972.5  | 1094.6 | 1259.3 | 1423.7 | 1593.6 |
| 22.5°  | 375.0  | 423.5  | 502.3  | 580.7  | 682.4  | 784.0  | 940.5  | 1096.8 | 1312.1 | 1527.2 | 1756.5 |
| 25°    | 304.0  | 338.2  | 415.6  | 492.7  | 610.0  | 727.3  | 921.0  | 1114.5 | 1389.0 | 1663.3 | 1947.8 |
| 27.5°  | 260.4  | 282.9  | 355.0  | 426.9  | 555.1  | 683.1  | 913.1  | 1142.9 | 1486.6 | 1830.3 | 2155.8 |
| 30°    | 238.6  | 254.3  | 315.3  | 376.1  | 506.3  | 636.6  | 903.6  | 1170.6 | 1580.5 | 1990.2 | 2318.4 |
| 32.5°  | 220.5  | 233.0  | 285.2  | 337.1  | 464.1  | 591.2  | 885.2  | 1179.0 | 1646.0 | 2113.1 | 2456.1 |
| 35°    | 205.1  | 215.5  | 260.9  | 306.3  | 431.0  | 555.8  | 854.3  | 1152.9 | 1687.1 | 2221.3 | 2599.5 |
| 37.5°  | 192.6  | 200.8  | 242.7  | 284.7  | 402.4  | 520.2  | 819.2  | 1118.2 | 1723.6 | 2329.1 | 2760.8 |
| 40°    | 182.8  | 189.9  | 229.1  | 268.4  | 375.2  | 482.1  | 789.0  | 1095.7 | 1774.0 | 2452.3 | 2931.2 |
| 42.5°  | 177.4  | 186.5  | 217.3  | 248.0  | 349.4  | 450.8  | 764.7  | 1078.7 | 1820.7 | 2562.5 | 3080.2 |
| 45°    | 176.0  | 189.0  | 211.2  | 233.4  | 330.1  | 426.7  | 743.2  | 1059.4 | 1850.9 | 2642.4 | 3192.5 |
| 47.5°  | 173.8  | 184.4  | 206.4  | 228.4  | 320.5  | 412.4  | 731.6  | 1050.6 | 1881.1 | 2711.4 | 3285.7 |
| 50°    | 175.1  | 176.5  | 202.6  | 228.4  | 319.2  | 409.9  | 744.8  | 1079.6 | 1946.4 | 2813.0 | 3392.4 |
| 52.5°  | 172.6  | 166.7  | 195.3  | 223.9  | 319.0  | 414.0  | 782.6  | 1151.3 | 2067.8 | 2984.0 | 3507.8 |
| 55°    | 159.5  | 151.8  | 181.7  | 211.7  | 314.2  | 416.5  | 827.8  | 1238.8 | 2230.7 | 3222.2 | 3715.4 |
| 57.5°  | 147.9  | 140.9  | 166.3  | 191.5  | 299.7  | 407.9  | 874.3  | 1340.5 | 2402.8 | 3465.0 | 3949.3 |
| 60°    | 132.5  | 130.9  | 149.0  | 167.2  | 277.2  | 387.0  | 912.6  | 1438.0 | 2518.5 | 3598.8 | 4039.4 |
| 62.5°  | 119.8  | 120.7  | 134.1  | 147.5  | 249.1  | 350.5  | 925.3  | 1500.0 | 2515.4 | 3530.7 | 3948.6 |
| 65°    | 110.0  | 111.6  | 124.8  | 137.9  | 225.0  | 312.2  | 883.6  | 1454.8 | 2388.1 | 3321.1 | 3769.2 |
| 67.5°  | 100.5  | 102.3  | 118.0  | 133.4  | 203.7  | 273.8  | 779.2  | 1284.4 | 2159.2 | 3033.7 | 3541.0 |
| 70°    | 91.4   | 93.7   | 110.7  | 127.7  | 188.3  | 248.6  | 644.7  | 1040.8 | 1872.7 | 2704.3 | 3276.7 |
| 72.5°  | 81.7   | 83.9   | 102.1  | 120.2  | 178.5  | 236.6  | 525.6  | 814.4  | 1519.7 | 2224.8 | 2802.8 |
| 75°    | 71.7   | 73.3   | 93.0   | 112.5  | 165.1  | 217.8  | 412.4  | 606.8  | 1163.1 | 1719.3 | 2117.0 |
| 77.5°  | 61.7   | 63.7   | 80.3   | 96.6   | 140.2  | 183.5  | 310.8  | 438.1  | 853.4  | 1268.6 | 1472.3 |
| 80°    | 49.2   | 51.0   | 62.8   | 74.4   | 108.2  | 141.8  | 213.7  | 285.6  | 587.3  | 889.0  | 1003.8 |
| 82.5°  | 37.7   | 39.7   | 47.6   | 55.4   | 77.1   | 98.9   | 129.5  | 160.2  | 390.2  | 620.0  | 629.5  |
| 85°    | 25.9   | 26.5   | 32.2   | 37.7   | 47.6   | 57.6   | 74.2   | 90.7   | 258.2  | 425.6  | 354.6  |
| 87.5°  | 12.9   | 12.9   | 16.8   | 20.6   | 25.6   | 30.6   | 39.2   | 47.6   | 82.6   | 117.5  | 67.6   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P320815  
 CATALOG NUMBER: GAN-SA1D-830-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  |



REPORT NUMBER: P320815

CATALOG NUMBER: GAN-SA1D-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 |
| 2.5°   | 1866.8 | 1883.3 | 1900.1 | 1912.8 | 1925.8 | 1944.4 | 1963.0 | 1966.4 | 1970.0 | 1962.7 | 1955.5 |
| 5°     | 1890.8 | 1941.0 | 1991.3 | 2037.8 | 2084.3 | 2112.2 | 2140.1 | 2145.8 | 2151.5 | 2134.0 | 2116.3 |
| 7.5°   | 1801.7 | 1889.0 | 1976.3 | 2056.4 | 2136.5 | 2185.1 | 2233.8 | 2244.7 | 2255.8 | 2227.2 | 2198.7 |
| 10°    | 1682.6 | 1789.9 | 1897.2 | 2002.7 | 2108.1 | 2178.7 | 2249.3 | 2263.3 | 2277.4 | 2241.8 | 2206.1 |
| 12.5°  | 1590.5 | 1705.0 | 1819.6 | 1930.7 | 2042.1 | 2115.2 | 2188.2 | 2205.7 | 2223.2 | 2197.3 | 2171.2 |
| 15°    | 1562.1 | 1669.9 | 1777.6 | 1874.5 | 1971.6 | 2031.2 | 2091.1 | 2098.2 | 2105.4 | 2101.3 | 2097.3 |
| 17.5°  | 1613.6 | 1710.9 | 1808.5 | 1861.1 | 1914.0 | 1937.8 | 1961.8 | 1969.5 | 1977.5 | 1987.7 | 1998.1 |
| 20°    | 1738.4 | 1806.9 | 1875.6 | 1873.4 | 1870.9 | 1859.3 | 1847.5 | 1845.5 | 1843.4 | 1872.7 | 1902.2 |
| 22.5°  | 1924.6 | 1951.8 | 1979.3 | 1915.6 | 1851.8 | 1813.0 | 1774.0 | 1766.3 | 1758.3 | 1789.4 | 1820.7 |
| 25°    | 2126.8 | 2121.8 | 2116.5 | 1995.2 | 1873.6 | 1799.6 | 1725.7 | 1717.1 | 1708.4 | 1735.0 | 1761.7 |
| 27.5°  | 2326.8 | 2294.2 | 2261.5 | 2096.6 | 1931.7 | 1824.4 | 1717.1 | 1708.4 | 1699.8 | 1723.4 | 1747.0 |
| 30°    | 2473.6 | 2421.2 | 2368.8 | 2182.1 | 1995.4 | 1867.9 | 1740.4 | 1726.4 | 1712.1 | 1741.1 | 1770.1 |
| 32.5°  | 2588.2 | 2517.8 | 2447.5 | 2251.5 | 2055.5 | 1917.6 | 1779.7 | 1757.7 | 1735.7 | 1774.4 | 1813.2 |
| 35°    | 2702.5 | 2603.6 | 2504.5 | 2313.5 | 2122.2 | 1976.3 | 1830.3 | 1803.3 | 1776.3 | 1829.6 | 1882.9 |
| 37.5°  | 2846.3 | 2704.3 | 2562.1 | 2383.1 | 2204.1 | 2064.4 | 1924.4 | 1896.7 | 1869.0 | 1936.9 | 2004.9 |
| 40°    | 3002.4 | 2813.0 | 2623.6 | 2459.3 | 2295.1 | 2186.2 | 2077.1 | 2050.8 | 2024.2 | 2106.8 | 2189.4 |
| 42.5°  | 3132.2 | 2914.2 | 2696.2 | 2551.2 | 2406.0 | 2329.3 | 2252.4 | 2252.2 | 2251.7 | 2335.5 | 2419.2 |
| 45°    | 3237.7 | 2998.5 | 2759.2 | 2640.8 | 2522.2 | 2482.2 | 2442.3 | 2474.3 | 2506.3 | 2581.8 | 2657.6 |
| 47.5°  | 3316.4 | 3069.3 | 2822.1 | 2743.3 | 2664.6 | 2670.5 | 2676.4 | 2741.5 | 2806.6 | 2855.2 | 2904.0 |
| 50°    | 3367.6 | 3133.5 | 2899.2 | 2874.9 | 2850.6 | 2903.5 | 2956.6 | 3031.2 | 3106.1 | 3139.2 | 3172.3 |
| 52.5°  | 3442.3 | 3220.6 | 2998.8 | 3026.0 | 3053.2 | 3161.2 | 3269.2 | 3344.7 | 3420.3 | 3432.5 | 3445.0 |
| 55°    | 3614.9 | 3380.8 | 3146.5 | 3198.6 | 3251.0 | 3409.4 | 3568.0 | 3626.9 | 3685.9 | 3690.5 | 3695.0 |
| 57.5°  | 3860.1 | 3605.2 | 3350.2 | 3406.4 | 3462.7 | 3645.5 | 3828.6 | 3892.1 | 3955.9 | 3947.0 | 3937.9 |
| 60°    | 4043.7 | 3818.2 | 3592.5 | 3649.2 | 3705.9 | 3884.2 | 4062.5 | 4135.5 | 4208.8 | 4189.3 | 4169.8 |
| 62.5°  | 4055.0 | 3934.5 | 3813.9 | 3865.1 | 3916.6 | 4091.3 | 4266.0 | 4341.1 | 4416.2 | 4382.1 | 4348.1 |
| 65°    | 3874.7 | 3928.6 | 3982.6 | 3999.7 | 4016.7 | 4179.5 | 4342.7 | 4400.0 | 4457.7 | 4440.4 | 4423.2 |
| 67.5°  | 3626.3 | 3825.2 | 4024.4 | 3990.1 | 3955.9 | 4032.3 | 4108.8 | 4168.0 | 4227.2 | 4217.4 | 4207.5 |
| 70°    | 3378.3 | 3643.9 | 3909.6 | 3741.3 | 3572.7 | 3541.2 | 3509.6 | 3573.4 | 3637.4 | 3597.9 | 3558.2 |
| 72.5°  | 2956.1 | 3239.2 | 3522.6 | 3212.5 | 2902.4 | 2794.6 | 2686.9 | 2767.8 | 2848.8 | 2786.0 | 2722.9 |
| 75°    | 2320.5 | 2633.3 | 2946.4 | 2576.4 | 2206.4 | 2062.6 | 1918.7 | 1988.4 | 2058.0 | 2014.9 | 1971.6 |
| 77.5°  | 1727.5 | 2035.8 | 2344.1 | 1968.0 | 1591.6 | 1484.8 | 1377.7 | 1398.3 | 1419.2 | 1411.9 | 1404.4 |
| 80°    | 1171.7 | 1386.5 | 1601.6 | 1351.1 | 1100.7 | 1108.9 | 1117.3 | 1107.5 | 1097.5 | 1112.0 | 1126.6 |
| 82.5°  | 747.7  | 913.5  | 1079.6 | 946.7  | 813.7  | 889.9  | 966.2  | 928.7  | 891.1  | 904.9  | 919.0  |
| 85°    | 426.7  | 588.9  | 751.3  | 700.3  | 649.0  | 693.5  | 738.2  | 680.1  | 622.0  | 647.4  | 673.1  |
| 87.5°  | 112.5  | 325.8  | 539.2  | 489.5  | 439.9  | 382.2  | 324.6  | 247.7  | 170.8  | 249.5  | 328.3  |
| 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):**

|        | 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°     | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 | 1728.6 |
| 2.5°   | 1951.6 | 1947.8 | 1933.9 | 1919.9 | 1899.0 | 1881.7 | 1851.8 |
| 5°     | 2091.8 | 2067.3 | 2025.1 | 1982.7 | 1935.5 | 1881.3 | 1821.2 |
| 7.5°   | 2141.5 | 2084.1 | 2003.1 | 1921.9 | 1848.9 | 1763.1 | 1683.3 |
| 10°    | 2120.4 | 2034.4 | 1929.2 | 1823.7 | 1735.0 | 1636.3 | 1547.6 |
| 12.5°  | 2080.0 | 1988.6 | 1872.7 | 1756.5 | 1655.6 | 1549.6 | 1450.3 |
| 15°    | 2024.4 | 1951.4 | 1842.7 | 1734.1 | 1632.4 | 1529.4 | 1411.7 |
| 17.5°  | 1963.6 | 1928.9 | 1850.4 | 1771.7 | 1683.7 | 1583.9 | 1445.7 |
| 20°    | 1914.6 | 1927.3 | 1896.0 | 1864.7 | 1794.2 | 1707.1 | 1551.9 |
| 22.5°  | 1881.5 | 1942.5 | 1966.6 | 1990.9 | 1948.4 | 1880.4 | 1700.9 |
| 25°    | 1862.9 | 1964.1 | 2044.6 | 2125.4 | 2106.6 | 2054.2 | 1882.0 |
| 27.5°  | 1871.1 | 1995.2 | 2120.2 | 2245.4 | 2262.9 | 2248.3 | 2072.8 |
| 30°    | 1895.6 | 2021.3 | 2173.5 | 2325.9 | 2395.6 | 2415.1 | 2231.8 |
| 32.5°  | 1936.4 | 2059.6 | 2225.4 | 2391.5 | 2496.7 | 2558.9 | 2377.2 |
| 35°    | 1998.1 | 2113.4 | 2286.2 | 2459.1 | 2595.2 | 2708.6 | 2527.4 |
| 37.5°  | 2104.1 | 2203.2 | 2362.7 | 2522.4 | 2698.9 | 2869.2 | 2692.8 |
| 40°    | 2259.2 | 2329.3 | 2464.1 | 2599.1 | 2821.1 | 3051.2 | 2877.2 |
| 42.5°  | 2455.0 | 2491.1 | 2597.9 | 2704.8 | 2948.9 | 3216.3 | 3057.5 |
| 45°    | 2667.1 | 2676.6 | 2743.8 | 2811.2 | 3050.0 | 3328.8 | 3193.0 |
| 47.5°  | 2871.3 | 2838.6 | 2865.4 | 2892.2 | 3127.6 | 3409.2 | 3295.7 |
| 50°    | 3081.4 | 2990.4 | 2976.3 | 2962.3 | 3205.2 | 3503.8 | 3426.4 |
| 52.5°  | 3295.0 | 3145.1 | 3089.5 | 3033.7 | 3297.8 | 3629.2 | 3589.0 |
| 55°    | 3504.2 | 3313.4 | 3238.6 | 3163.7 | 3439.3 | 3782.3 | 3827.9 |
| 57.5°  | 3721.8 | 3505.6 | 3436.1 | 3366.7 | 3647.4 | 3976.3 | 4042.3 |
| 60°    | 3955.9 | 3741.7 | 3686.1 | 3630.3 | 3906.0 | 4185.9 | 4137.8 |
| 62.5°  | 4178.0 | 4007.8 | 3978.6 | 3949.1 | 4167.5 | 4347.0 | 4100.6 |
| 65°    | 4326.3 | 4229.2 | 4256.5 | 4283.9 | 4365.3 | 4387.1 | 3991.7 |
| 67.5°  | 4227.2 | 4246.9 | 4361.9 | 4477.2 | 4421.1 | 4267.8 | 3777.1 |
| 70°    | 3676.4 | 3794.8 | 4067.3 | 4339.9 | 4215.6 | 3948.2 | 3391.9 |
| 72.5°  | 2855.9 | 2989.0 | 3393.5 | 3798.2 | 3683.6 | 3356.1 | 2786.0 |
| 75°    | 2121.8 | 2272.2 | 2718.6 | 3165.1 | 3006.0 | 2510.4 | 1994.7 |
| 77.5°  | 1505.2 | 1605.9 | 2046.7 | 2487.7 | 2228.4 | 1671.0 | 1342.3 |
| 80°    | 1095.7 | 1064.9 | 1310.5 | 1556.2 | 1513.1 | 1105.2 | 862.0  |
| 82.5°  | 843.7  | 768.4  | 884.0  | 999.7  | 993.4  | 767.0  | 632.5  |
| 85°    | 642.9  | 612.7  | 715.0  | 817.4  | 729.8  | 519.5  | 402.0  |
| 87.5°  | 374.8  | 421.5  | 542.0  | 662.6  | 497.3  | 157.7  | 78.0   |
| 90°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 92.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 95°    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 97.5°  | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 100°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 102.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 105°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 107.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 110°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P320815  
 CATALOG NUMBER: GAN-SA1D-830-U-SLR

**CANDELA DISTRIBUTION (continued):**

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

(END OF REPORT)