

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: P320655

Luminaire Tested: **GAN-SA1D-740-U-SLR**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P320655
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-740-U-SLR
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(1) 70 CRI, 4000K, 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: 7140 lumens
Efficiency: N/A
Efficacy: 106.6 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type IV - Medium
BUG Rating: B1 - U0 - G3

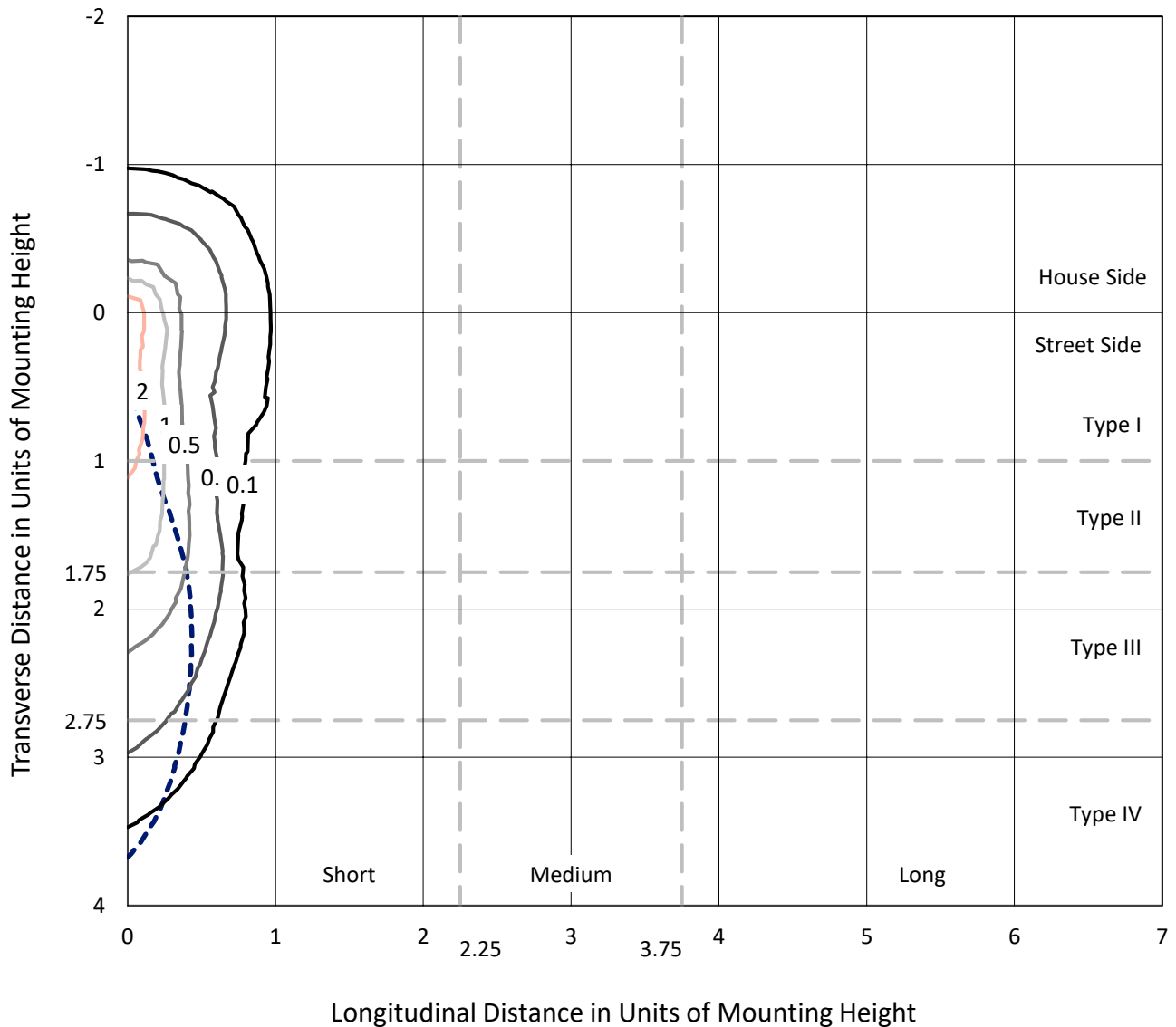
Input Watts (W): 67
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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Iso-Footcandle Lines of Horizontal Illumination

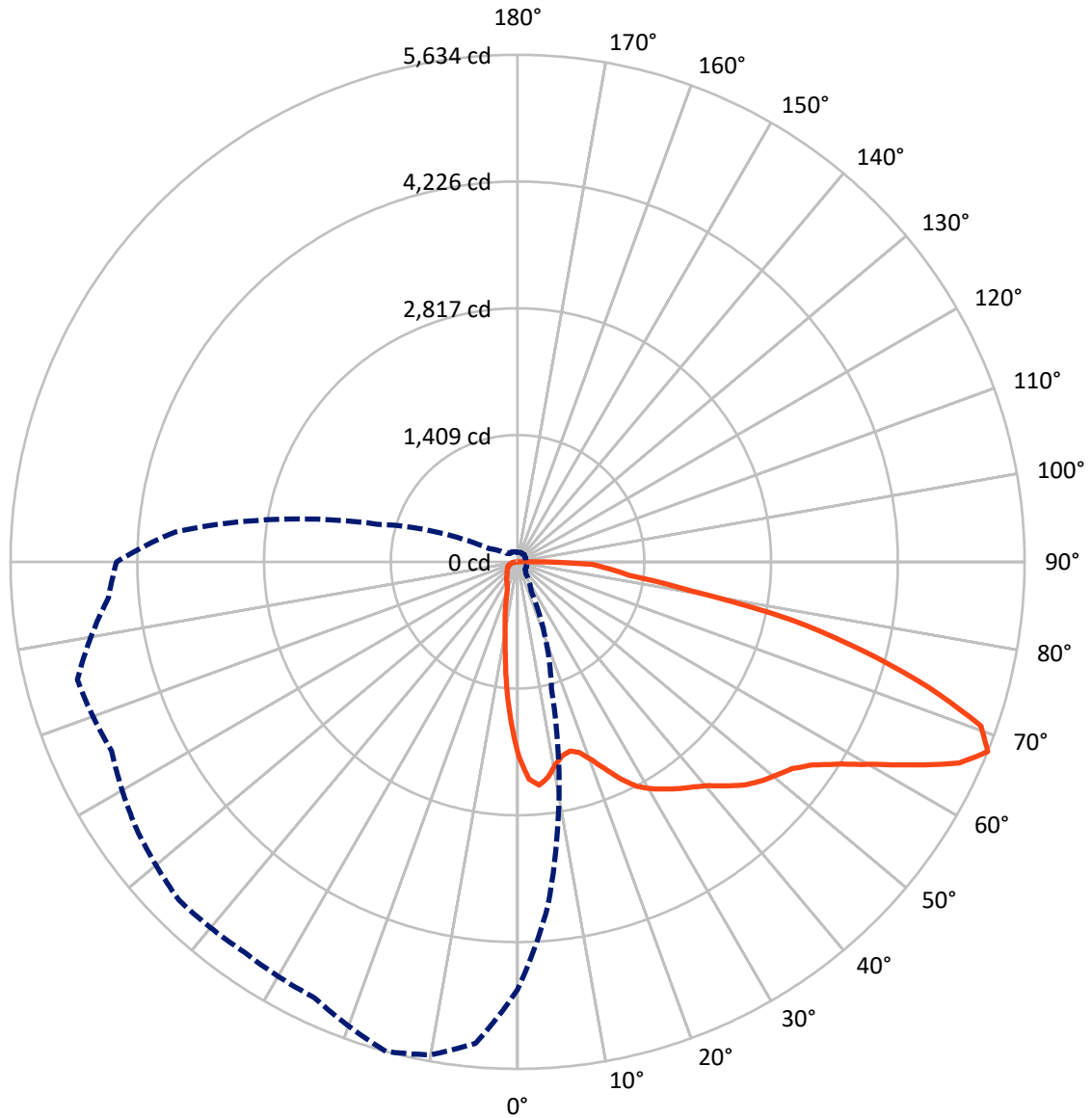
× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.5 fc
 Type IV - Medium - N/A

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Luminous Intensity Polar Plot



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

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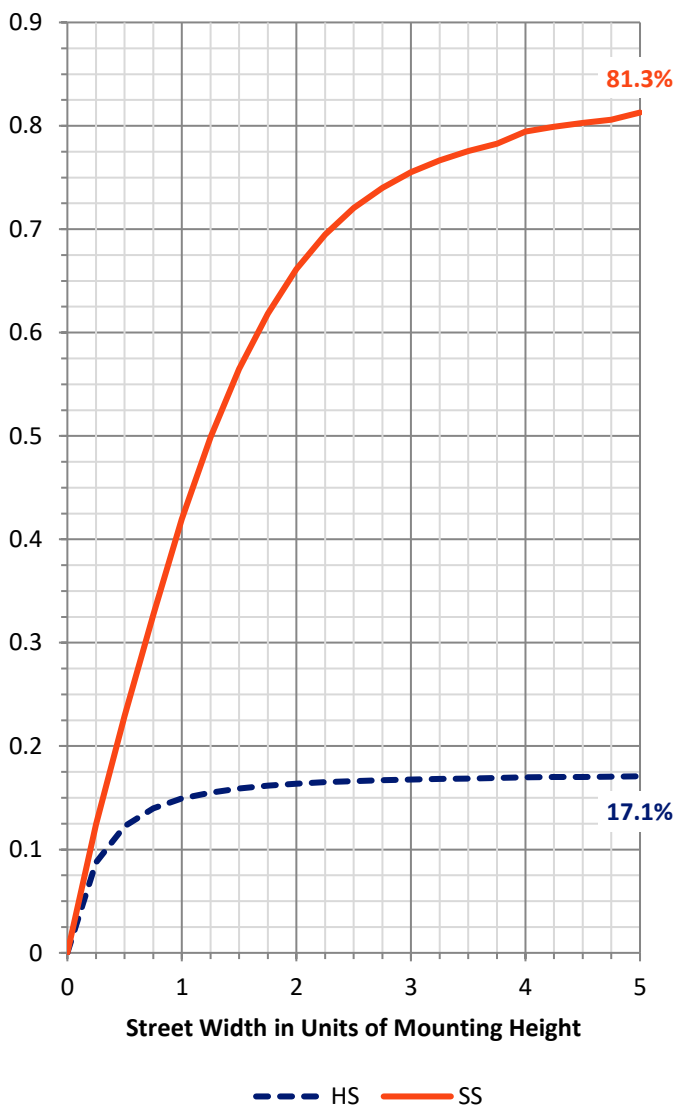
FLUX DISTRIBUTION:

| | | Downward | Upward | Total |
|--------------------|-----------|----------|--------|--------|
| House Side | Lumens | 1234.4 | 0.0 | 1234.4 |
| | % Fixture | 17.3 | 0.0 | 17.3 |
| Street Side | Lumens | 5905.6 | 0.0 | 5905.6 |
| | % Fixture | 82.7 | 0.0 | 82.7 |
| Total | Lumens | 7140.0 | 0.0 | 7140.0 |
| | % Fixture | 100.0 | 0.0 | 100.0 |

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 167.9 | 2.4 |
| 10°-20° | 348.8 | 4.9 |
| 20°-30° | 496.0 | 6.9 |
| 30°-40° | 714.7 | 10.0 |
| 40°-50° | 1007.3 | 14.1 |
| 50°-60° | 1400.3 | 19.6 |
| 60°-70° | 1693.4 | 23.7 |
| 70°-80° | 1040.9 | 14.6 |
| 80°-90° | 270.8 | 3.8 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-90° | 7140.0 | 100.0 |
| 0°-180° | 7140.0 | 100.0 |

Coefficient of Utilization

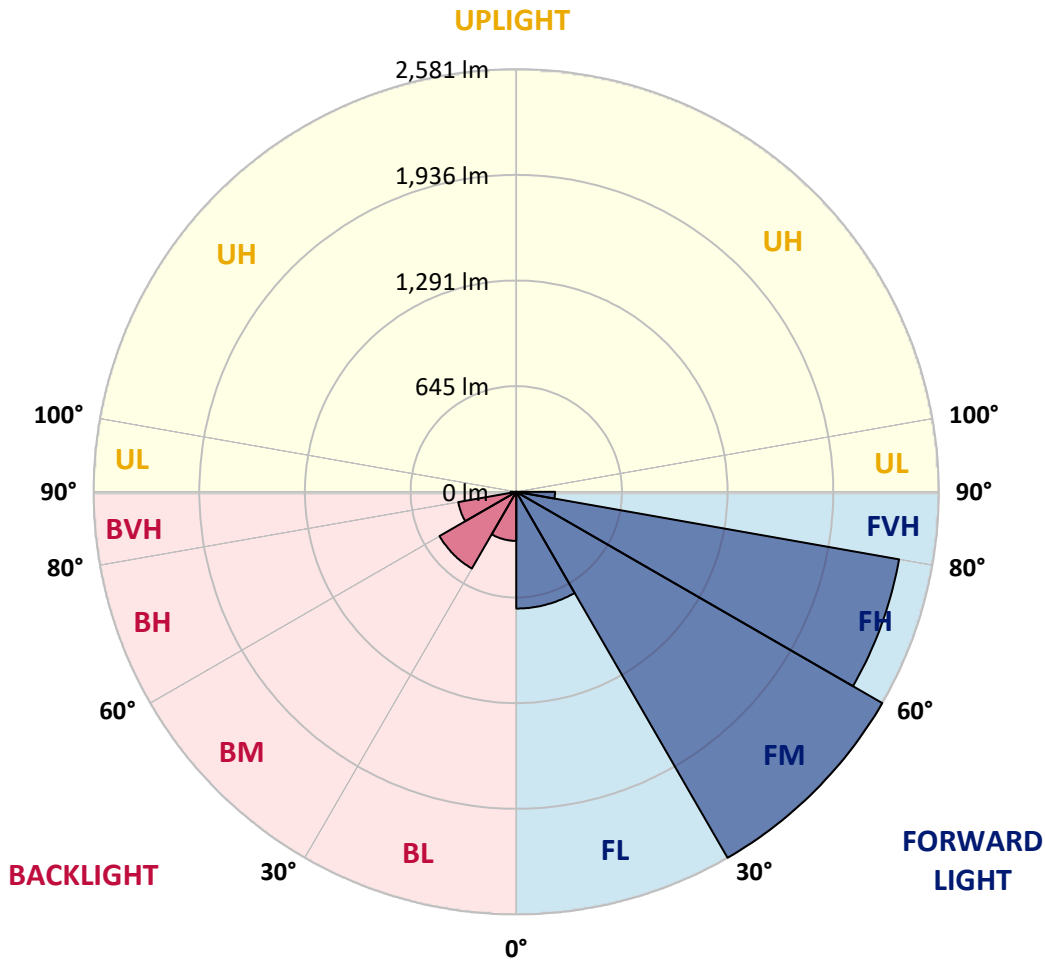


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

| Zone | Lumens | % Fixture | Zone Rating/Lumen Limit | | |
|----------------|--------|-----------|-------------------------|------|---------|
| | | | B | U | G |
| FL (0°-30°) | 712.9 | 10.0 | | | |
| FM (30°-60°) | 2581.3 | 36.2 | | | |
| FH (60°-80°) | 2374.5 | 33.3 | | | G2/5000 |
| FVH (80°-90°) | 236.9 | 3.3 | | | G3/500 |
| BL (0°-30°) | 299.7 | 4.2 | B1/500 | | |
| BM (30°-60°) | 541.0 | 7.6 | B1/1000 | | |
| BH (60°-80°) | 359.7 | 5.0 | B1/500 | | G1/500 |
| BVH (80°-90°) | 34.0 | 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-G3
 Type IV Medium





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CATALOG NUMBER: GAN-SA1D-740-U-SLR

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 |
| 2.5° | 2330.3 | 2309.7 | 2278.6 | 2247.5 | 2224.4 | 2200.9 | 2174.4 | 2147.8 | 2117.6 | 2087.0 | 2069.1 |
| 5° | 2291.7 | 2234.6 | 2160.4 | 2086.2 | 2037.1 | 1988.0 | 1932.3 | 1876.7 | 1821.6 | 1766.5 | 1736.8 |
| 7.5° | 2118.2 | 2032.5 | 1936.0 | 1839.5 | 1768.2 | 1696.5 | 1619.4 | 1542.1 | 1473.6 | 1404.8 | 1362.2 |
| 10° | 1947.4 | 1844.7 | 1733.9 | 1622.9 | 1531.5 | 1440.2 | 1362.8 | 1285.2 | 1233.5 | 1181.8 | 1142.7 |
| 12.5° | 1825.0 | 1711.1 | 1589.2 | 1467.0 | 1375.7 | 1284.3 | 1235.2 | 1186.1 | 1143.3 | 1100.5 | 1055.4 |
| 15° | 1776.5 | 1647.7 | 1523.0 | 1397.9 | 1314.9 | 1231.8 | 1177.3 | 1122.5 | 1065.1 | 1007.4 | 952.0 |
| 17.5° | 1819.3 | 1668.5 | 1533.0 | 1397.4 | 1288.6 | 1179.8 | 1103.6 | 1027.1 | 951.5 | 875.8 | 811.6 |
| 20° | 1952.9 | 1760.5 | 1583.2 | 1405.6 | 1260.9 | 1116.2 | 1014.0 | 911.5 | 814.4 | 717.4 | 644.6 |
| 22.5° | 2140.4 | 1885.8 | 1654.3 | 1422.8 | 1235.8 | 1048.5 | 920.3 | 791.9 | 677.1 | 562.4 | 491.0 |
| 25° | 2368.2 | 2051.9 | 1756.8 | 1461.3 | 1225.5 | 989.4 | 831.8 | 674.3 | 553.2 | 431.9 | 381.1 |
| 27.5° | 2608.3 | 2250.0 | 1884.1 | 1517.8 | 1227.2 | 936.6 | 757.3 | 577.8 | 468.7 | 359.7 | 324.9 |
| 30° | 2808.4 | 2476.4 | 2032.5 | 1588.3 | 1233.8 | 879.2 | 687.1 | 495.0 | 405.1 | 315.2 | 292.6 |
| 32.5° | 2991.4 | 2634.3 | 2144.4 | 1654.3 | 1241.2 | 827.9 | 632.9 | 437.6 | 364.3 | 290.6 | 272.0 |
| 35° | 3180.4 | 2774.4 | 2222.6 | 1670.5 | 1228.4 | 785.9 | 595.8 | 405.6 | 338.0 | 270.1 | 254.4 |
| 37.5° | 3388.5 | 2926.0 | 2298.0 | 1669.7 | 1206.7 | 743.6 | 566.9 | 389.9 | 320.9 | 251.5 | 240.1 |
| 40° | 3620.6 | 3093.6 | 2379.6 | 1665.7 | 1187.0 | 708.0 | 545.5 | 382.8 | 311.4 | 239.8 | 230.1 |
| 42.5° | 3847.5 | 3253.5 | 2455.6 | 1657.7 | 1171.0 | 684.0 | 524.4 | 364.8 | 302.9 | 240.6 | 226.9 |
| 45° | 4017.9 | 3393.0 | 2521.5 | 1649.7 | 1159.0 | 668.3 | 507.8 | 347.4 | 294.9 | 242.4 | 224.9 |
| 47.5° | 4147.2 | 3533.2 | 2594.6 | 1655.7 | 1157.8 | 660.0 | 496.1 | 332.3 | 279.8 | 226.9 | 219.8 |
| 50° | 4311.7 | 3701.6 | 2701.1 | 1700.5 | 1173.6 | 646.6 | 482.4 | 318.0 | 265.2 | 212.4 | 222.1 |
| 52.5° | 4516.4 | 3942.0 | 2866.1 | 1789.9 | 1206.4 | 622.9 | 460.7 | 298.6 | 247.5 | 196.1 | 211.2 |
| 55° | 4817.0 | 4250.0 | 3077.0 | 1903.8 | 1246.1 | 588.1 | 427.9 | 267.5 | 224.1 | 180.4 | 193.8 |
| 57.5° | 5086.7 | 4561.2 | 3279.4 | 1997.4 | 1270.9 | 544.1 | 386.5 | 228.9 | 197.8 | 166.7 | 174.4 |
| 60° | 5206.9 | 4721.6 | 3374.2 | 2026.5 | 1256.1 | 485.6 | 340.0 | 194.1 | 174.7 | 155.3 | 153.9 |
| 62.5° | 5160.1 | 4619.7 | 3280.9 | 1942.0 | 1183.5 | 425.1 | 298.9 | 172.7 | 158.1 | 143.3 | 140.2 |
| 65° | 5023.1 | 4299.4 | 3019.4 | 1739.3 | 1061.1 | 382.8 | 272.9 | 163.0 | 146.7 | 130.5 | 127.0 |
| 67.5° | 4753.0 | 3843.5 | 2648.8 | 1454.2 | 905.5 | 356.8 | 258.1 | 159.3 | 139.6 | 119.6 | 115.6 |
| 70° | 4268.3 | 3294.8 | 2222.1 | 1149.0 | 745.1 | 340.8 | 248.4 | 155.9 | 131.9 | 107.6 | 103.9 |
| 72.5° | 3505.8 | 2641.7 | 1774.5 | 906.9 | 622.9 | 338.8 | 247.2 | 155.6 | 125.6 | 95.6 | 92.2 |
| 75° | 2510.1 | 2006.5 | 1354.5 | 702.2 | 510.1 | 318.0 | 234.7 | 151.3 | 117.0 | 82.5 | 79.4 |
| 77.5° | 1689.1 | 1388.8 | 941.5 | 493.9 | 378.5 | 263.2 | 197.3 | 131.3 | 100.2 | 69.1 | 65.9 |
| 80° | 1084.8 | 961.2 | 630.9 | 300.6 | 245.5 | 190.4 | 141.0 | 91.6 | 73.1 | 54.2 | 51.7 |
| 82.5° | 795.9 | 715.4 | 438.5 | 161.6 | 136.5 | 111.0 | 86.2 | 61.4 | 50.0 | 38.5 | 37.4 |
| 85° | 505.8 | 557.8 | 322.9 | 87.9 | 71.9 | 56.0 | 46.2 | 36.5 | 28.8 | 21.1 | 21.1 |
| 87.5° | 98.2 | 135.9 | 89.4 | 42.5 | 31.1 | 19.7 | 16.8 | 13.7 | 7.7 | 1.4 | 1.7 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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 CATALOG NUMBER: GAN-SA1D-740-U-SLR

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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 CATALOG NUMBER: GAN-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 |
| 2.5° | 2050.8 | 2031.1 | 2011.4 | 1989.1 | 1966.6 | 1945.7 | 1924.6 | 1901.5 | 1905.8 | 1888.1 | 1870.4 |
| 5° | 1707.1 | 1675.7 | 1644.0 | 1616.6 | 1589.2 | 1565.5 | 1541.5 | 1520.1 | 1538.7 | 1526.1 | 1513.5 |
| 7.5° | 1319.4 | 1280.6 | 1241.5 | 1208.7 | 1175.8 | 1150.4 | 1124.7 | 1107.0 | 1125.3 | 1123.0 | 1120.7 |
| 10° | 1103.6 | 1065.9 | 1028.0 | 991.7 | 955.5 | 924.6 | 893.5 | 867.2 | 862.7 | 849.5 | 836.1 |
| 12.5° | 1010.0 | 958.3 | 906.4 | 868.4 | 830.4 | 793.6 | 756.8 | 725.9 | 712.0 | 690.3 | 668.3 |
| 15° | 896.6 | 835.6 | 774.5 | 731.4 | 688.0 | 652.3 | 616.3 | 589.8 | 580.9 | 564.1 | 547.2 |
| 17.5° | 747.3 | 680.6 | 613.8 | 570.1 | 526.1 | 497.6 | 468.7 | 451.0 | 451.0 | 446.2 | 441.3 |
| 20° | 571.8 | 512.1 | 452.5 | 419.1 | 385.7 | 370.5 | 355.1 | 347.7 | 350.0 | 350.3 | 350.3 |
| 22.5° | 419.3 | 382.8 | 346.3 | 332.9 | 319.2 | 313.7 | 308.3 | 305.2 | 306.3 | 306.6 | 306.9 |
| 25° | 330.3 | 316.3 | 302.0 | 295.2 | 288.0 | 284.6 | 281.2 | 280.0 | 282.6 | 282.9 | 282.9 |
| 27.5° | 290.0 | 281.5 | 272.6 | 268.3 | 263.8 | 262.3 | 260.9 | 258.9 | 261.5 | 261.5 | 261.2 |
| 30° | 269.8 | 260.6 | 251.5 | 246.1 | 240.6 | 241.2 | 241.5 | 240.9 | 242.6 | 243.8 | 244.6 |
| 32.5° | 253.2 | 244.4 | 235.5 | 230.1 | 224.4 | 223.5 | 222.7 | 222.1 | 225.8 | 227.8 | 229.8 |
| 35° | 238.4 | 228.7 | 219.0 | 213.8 | 208.7 | 206.7 | 204.7 | 203.3 | 206.7 | 209.2 | 211.8 |
| 37.5° | 228.4 | 218.4 | 208.1 | 203.3 | 198.1 | 195.5 | 193.0 | 191.3 | 192.7 | 193.8 | 195.0 |
| 40° | 220.4 | 210.1 | 199.5 | 193.8 | 188.1 | 185.6 | 183.0 | 181.6 | 182.4 | 182.7 | 183.0 |
| 42.5° | 213.0 | 203.0 | 193.0 | 186.7 | 180.1 | 177.0 | 173.8 | 172.1 | 172.7 | 173.3 | 173.6 |
| 45° | 207.5 | 197.5 | 187.3 | 179.8 | 172.1 | 168.7 | 165.3 | 163.3 | 163.6 | 163.6 | 163.6 |
| 47.5° | 212.7 | 198.1 | 183.3 | 174.7 | 165.9 | 161.9 | 157.9 | 155.9 | 155.3 | 154.7 | 154.2 |
| 50° | 231.5 | 206.7 | 181.6 | 170.7 | 159.6 | 155.3 | 150.7 | 148.4 | 147.0 | 146.4 | 145.9 |
| 52.5° | 226.1 | 204.7 | 183.0 | 169.0 | 154.7 | 149.6 | 144.4 | 140.7 | 139.3 | 138.5 | 137.6 |
| 55° | 207.0 | 193.5 | 179.8 | 163.0 | 146.2 | 141.6 | 136.7 | 134.2 | 131.6 | 131.0 | 130.5 |
| 57.5° | 181.8 | 176.4 | 171.0 | 153.9 | 136.7 | 132.5 | 127.9 | 126.2 | 123.9 | 123.9 | 123.6 |
| 60° | 152.2 | 160.1 | 168.1 | 148.4 | 128.5 | 123.6 | 118.8 | 117.3 | 116.5 | 116.2 | 115.9 |
| 62.5° | 136.7 | 149.9 | 162.7 | 141.9 | 120.8 | 115.6 | 110.5 | 108.8 | 108.5 | 108.8 | 108.8 |
| 65° | 123.6 | 127.6 | 131.6 | 121.9 | 112.2 | 107.0 | 101.6 | 99.9 | 100.5 | 101.3 | 102.2 |
| 67.5° | 111.6 | 110.8 | 109.9 | 106.5 | 102.8 | 98.5 | 93.9 | 92.2 | 92.5 | 93.6 | 94.8 |
| 70° | 100.2 | 99.1 | 97.6 | 95.1 | 92.5 | 88.8 | 85.1 | 83.9 | 83.6 | 85.1 | 86.2 |
| 72.5° | 88.8 | 87.4 | 85.6 | 83.6 | 81.4 | 78.2 | 75.1 | 74.2 | 74.5 | 75.4 | 76.2 |
| 75° | 76.2 | 75.1 | 73.7 | 71.9 | 69.9 | 67.1 | 64.2 | 63.7 | 64.2 | 65.1 | 65.9 |
| 77.5° | 62.5 | 62.2 | 61.7 | 60.2 | 58.8 | 55.7 | 52.2 | 52.0 | 52.8 | 53.7 | 54.2 |
| 80° | 48.8 | 49.1 | 49.4 | 48.2 | 47.1 | 43.7 | 40.0 | 39.7 | 40.5 | 41.4 | 42.2 |
| 82.5° | 36.0 | 36.8 | 37.4 | 36.0 | 34.5 | 30.5 | 26.5 | 26.0 | 28.8 | 29.7 | 30.5 |
| 85° | 20.8 | 22.0 | 23.1 | 22.0 | 20.8 | 16.8 | 12.8 | 12.6 | 15.1 | 16.6 | 18.0 |
| 87.5° | 1.7 | 2.3 | 2.9 | 2.6 | 2.3 | 1.1 | 0.0 | 0.0 | 0.3 | 1.4 | 2.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 92.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 95° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 97.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 100° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 102.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 105° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 107.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 110° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P320655
 CATALOG NUMBER: GAN-SA1D-740-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: P320655
 CATALOG NUMBER: GAN-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 |
| 2.5° | 1859.2 | 1848.1 | 1844.7 | 1841.3 | 1828.7 | 1815.8 | 1829.0 | 1841.8 | 1847.3 | 1852.7 | 1838.7 |
| 5° | 1511.8 | 1509.8 | 1509.8 | 1509.5 | 1498.1 | 1486.4 | 1495.3 | 1503.8 | 1484.7 | 1465.6 | 1463.6 |
| 7.5° | 1133.0 | 1145.3 | 1155.3 | 1165.0 | 1161.3 | 1157.6 | 1165.8 | 1174.1 | 1149.9 | 1125.3 | 1113.3 |
| 10° | 839.0 | 841.6 | 852.4 | 863.2 | 865.8 | 868.1 | 878.4 | 888.4 | 869.5 | 850.7 | 842.4 |
| 12.5° | 654.6 | 640.9 | 642.3 | 643.4 | 648.6 | 653.4 | 664.3 | 674.8 | 667.1 | 659.1 | 660.0 |
| 15° | 530.1 | 512.7 | 505.6 | 498.1 | 503.8 | 509.6 | 517.3 | 524.7 | 525.0 | 525.0 | 532.4 |
| 17.5° | 432.8 | 423.9 | 416.8 | 409.4 | 417.1 | 424.5 | 425.3 | 426.2 | 426.5 | 426.8 | 426.2 |
| 20° | 354.5 | 358.8 | 356.5 | 354.3 | 357.1 | 359.7 | 362.0 | 364.0 | 361.4 | 358.5 | 351.4 |
| 22.5° | 310.9 | 314.6 | 317.4 | 320.0 | 324.9 | 329.4 | 327.1 | 324.6 | 319.4 | 314.0 | 308.6 |
| 25° | 285.5 | 288.0 | 290.9 | 293.7 | 297.7 | 301.5 | 297.5 | 293.5 | 289.7 | 286.0 | 282.3 |
| 27.5° | 264.1 | 266.6 | 269.2 | 271.5 | 275.2 | 278.6 | 274.9 | 271.2 | 268.1 | 264.9 | 262.1 |
| 30° | 246.6 | 248.4 | 250.4 | 252.4 | 255.8 | 258.9 | 255.8 | 252.4 | 250.1 | 247.5 | 245.5 |
| 32.5° | 231.8 | 233.5 | 234.4 | 235.2 | 238.4 | 241.5 | 239.2 | 236.9 | 234.9 | 232.9 | 231.5 |
| 35° | 215.5 | 219.0 | 219.5 | 220.1 | 223.2 | 226.4 | 224.9 | 223.2 | 221.0 | 218.7 | 216.1 |
| 37.5° | 199.0 | 203.0 | 205.3 | 207.2 | 210.4 | 213.5 | 212.1 | 210.7 | 207.5 | 204.4 | 199.8 |
| 40° | 185.0 | 186.7 | 191.0 | 195.0 | 200.1 | 205.0 | 202.1 | 199.0 | 194.1 | 189.3 | 187.0 |
| 42.5° | 173.3 | 173.0 | 177.0 | 181.0 | 188.7 | 196.1 | 191.0 | 185.8 | 181.3 | 176.7 | 176.1 |
| 45° | 163.0 | 162.1 | 164.1 | 166.1 | 174.4 | 182.4 | 177.3 | 171.9 | 169.3 | 166.7 | 166.7 |
| 47.5° | 153.9 | 153.3 | 154.7 | 155.9 | 161.0 | 165.9 | 163.3 | 160.7 | 159.3 | 157.9 | 158.1 |
| 50° | 145.6 | 145.0 | 146.4 | 147.6 | 149.6 | 151.3 | 151.9 | 152.2 | 151.3 | 150.4 | 151.0 |
| 52.5° | 137.9 | 137.9 | 138.5 | 138.7 | 141.3 | 143.9 | 143.9 | 143.6 | 143.6 | 143.6 | 144.2 |
| 55° | 131.3 | 131.9 | 131.9 | 131.9 | 135.9 | 139.6 | 138.5 | 137.3 | 137.6 | 137.6 | 138.2 |
| 57.5° | 124.7 | 125.6 | 126.2 | 126.7 | 130.7 | 134.7 | 133.6 | 132.5 | 132.5 | 132.5 | 132.7 |
| 60° | 117.3 | 118.5 | 119.6 | 120.8 | 124.7 | 128.7 | 127.6 | 126.2 | 126.5 | 126.7 | 127.0 |
| 62.5° | 110.2 | 111.3 | 112.5 | 113.6 | 117.6 | 121.6 | 120.5 | 119.0 | 119.9 | 120.5 | 120.5 |
| 65° | 103.3 | 104.2 | 105.3 | 106.5 | 110.2 | 113.9 | 112.8 | 111.6 | 112.8 | 113.6 | 114.2 |
| 67.5° | 95.6 | 96.2 | 97.3 | 98.5 | 102.2 | 105.9 | 104.8 | 103.3 | 104.8 | 105.9 | 107.0 |
| 70° | 86.8 | 87.4 | 88.8 | 89.9 | 93.6 | 97.3 | 95.9 | 94.5 | 95.9 | 97.3 | 98.5 |
| 72.5° | 77.1 | 77.6 | 79.1 | 80.2 | 84.5 | 88.8 | 87.1 | 85.4 | 87.1 | 88.8 | 89.4 |
| 75° | 66.5 | 67.1 | 68.8 | 70.2 | 74.5 | 78.8 | 77.4 | 75.6 | 77.1 | 78.5 | 78.8 |
| 77.5° | 55.1 | 56.0 | 58.2 | 60.5 | 63.9 | 67.4 | 66.5 | 65.7 | 66.5 | 67.4 | 67.4 |
| 80° | 43.1 | 44.0 | 46.8 | 49.4 | 51.4 | 53.4 | 53.7 | 54.0 | 54.2 | 54.5 | 54.2 |
| 82.5° | 32.0 | 33.1 | 35.7 | 38.3 | 38.3 | 38.3 | 40.5 | 42.5 | 42.5 | 42.2 | 42.0 |
| 85° | 19.7 | 21.1 | 23.4 | 25.7 | 24.3 | 22.8 | 26.5 | 30.0 | 30.0 | 29.7 | 29.1 |
| 87.5° | 4.0 | 5.4 | 7.7 | 9.7 | 8.3 | 6.9 | 10.6 | 14.3 | 14.6 | 14.6 | 14.0 |
| 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: P320655
 CATALOG NUMBER: GAN-SA1D-740-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: P320655
 CATALOG NUMBER: GAN-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 |
| 2.5° | 1824.4 | 1846.7 | 1868.7 | 1874.4 | 1882.9 | 1886.6 | 1890.1 | 1918.0 | 1945.7 | 1978.3 | 2010.8 |
| 5° | 1461.3 | 1477.9 | 1494.4 | 1497.0 | 1505.8 | 1510.4 | 1515.0 | 1548.9 | 1582.6 | 1628.0 | 1673.4 |
| 7.5° | 1101.3 | 1105.3 | 1109.3 | 1108.7 | 1116.2 | 1126.2 | 1135.9 | 1172.1 | 1208.1 | 1256.9 | 1305.4 |
| 10° | 834.1 | 843.3 | 852.1 | 860.4 | 876.7 | 895.5 | 914.1 | 951.2 | 988.3 | 1036.5 | 1084.5 |
| 12.5° | 660.9 | 671.4 | 681.7 | 690.8 | 709.7 | 734.8 | 759.6 | 804.2 | 848.7 | 906.4 | 963.7 |
| 15° | 539.5 | 538.7 | 537.8 | 544.1 | 560.7 | 588.1 | 615.2 | 662.3 | 709.4 | 772.8 | 835.8 |
| 17.5° | 425.6 | 421.3 | 417.1 | 421.9 | 437.3 | 459.9 | 482.2 | 522.1 | 561.8 | 623.2 | 684.5 |
| 20° | 344.3 | 341.4 | 338.6 | 343.1 | 352.8 | 362.3 | 371.7 | 400.5 | 429.1 | 479.0 | 528.7 |
| 22.5° | 302.9 | 302.6 | 302.0 | 304.6 | 309.2 | 314.0 | 318.6 | 332.6 | 346.3 | 378.5 | 410.5 |
| 25° | 278.6 | 278.3 | 278.0 | 279.2 | 282.9 | 286.6 | 290.3 | 299.5 | 308.6 | 324.0 | 339.4 |
| 27.5° | 259.2 | 258.6 | 258.1 | 258.3 | 259.2 | 264.9 | 270.3 | 274.6 | 278.6 | 289.2 | 299.5 |
| 30° | 243.5 | 243.2 | 242.9 | 242.9 | 242.1 | 244.1 | 246.1 | 252.6 | 258.9 | 269.8 | 280.6 |
| 32.5° | 230.1 | 228.7 | 227.2 | 224.1 | 222.1 | 224.9 | 227.8 | 234.7 | 241.5 | 251.5 | 261.5 |
| 35° | 213.2 | 209.5 | 205.5 | 203.8 | 204.1 | 207.0 | 209.8 | 216.7 | 223.2 | 234.1 | 244.6 |
| 37.5° | 195.0 | 193.8 | 192.4 | 192.1 | 193.0 | 195.8 | 198.7 | 204.7 | 210.4 | 221.2 | 231.8 |
| 40° | 184.7 | 184.1 | 183.6 | 183.0 | 183.6 | 186.4 | 189.3 | 195.0 | 200.4 | 211.0 | 221.2 |
| 42.5° | 175.6 | 175.3 | 175.0 | 175.0 | 175.3 | 178.4 | 181.6 | 187.3 | 192.7 | 202.1 | 211.5 |
| 45° | 166.7 | 167.0 | 167.0 | 167.6 | 168.4 | 171.6 | 174.4 | 180.7 | 187.0 | 196.1 | 205.3 |
| 47.5° | 158.4 | 159.3 | 159.9 | 161.3 | 162.1 | 165.6 | 168.7 | 175.6 | 182.4 | 193.8 | 205.0 |
| 50° | 151.3 | 152.2 | 152.7 | 153.9 | 156.1 | 160.1 | 164.1 | 172.4 | 180.4 | 199.5 | 218.4 |
| 52.5° | 144.7 | 145.6 | 146.4 | 147.6 | 150.4 | 155.0 | 159.6 | 169.9 | 179.8 | 202.1 | 224.4 |
| 55° | 138.7 | 139.6 | 140.2 | 141.9 | 144.7 | 148.7 | 152.4 | 165.0 | 177.6 | 193.8 | 210.1 |
| 57.5° | 133.0 | 133.9 | 134.5 | 135.6 | 137.0 | 141.3 | 145.3 | 158.7 | 172.1 | 183.6 | 194.7 |
| 60° | 127.0 | 127.6 | 127.9 | 127.9 | 129.0 | 133.9 | 138.7 | 155.9 | 172.7 | 170.7 | 168.4 |
| 62.5° | 120.5 | 121.0 | 121.3 | 120.5 | 121.9 | 127.0 | 132.2 | 154.4 | 176.7 | 163.0 | 149.3 |
| 65° | 114.5 | 114.2 | 113.9 | 113.0 | 114.8 | 119.9 | 124.7 | 135.9 | 147.0 | 141.6 | 136.2 |
| 67.5° | 107.9 | 107.0 | 106.2 | 105.1 | 106.8 | 111.3 | 115.6 | 119.3 | 123.0 | 123.6 | 124.2 |
| 70° | 99.6 | 98.5 | 97.3 | 97.1 | 97.9 | 101.6 | 105.3 | 107.9 | 110.2 | 111.3 | 112.2 |
| 72.5° | 89.9 | 89.1 | 88.2 | 87.6 | 87.9 | 91.1 | 93.9 | 96.2 | 98.5 | 99.3 | 99.9 |
| 75° | 79.1 | 79.1 | 78.8 | 77.1 | 77.1 | 79.6 | 81.9 | 83.9 | 85.9 | 87.1 | 88.2 |
| 77.5° | 67.4 | 67.7 | 67.7 | 65.4 | 65.1 | 67.7 | 69.9 | 71.7 | 73.1 | 74.2 | 75.1 |
| 80° | 54.0 | 53.4 | 52.8 | 51.4 | 50.8 | 54.0 | 56.8 | 58.2 | 59.4 | 59.7 | 59.7 |
| 82.5° | 41.4 | 40.3 | 38.8 | 35.7 | 36.0 | 39.4 | 42.5 | 43.7 | 44.8 | 44.8 | 44.8 |
| 85° | 28.3 | 26.0 | 23.4 | 20.8 | 21.1 | 24.8 | 28.3 | 29.4 | 30.5 | 31.1 | 31.4 |
| 87.5° | 13.4 | 11.1 | 8.6 | 6.6 | 6.6 | 9.7 | 12.6 | 13.1 | 13.7 | 14.8 | 16.0 |
| 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: P320655
 CATALOG NUMBER: GAN-SA1D-740-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 |



REPORT NUMBER: P320655
 CATALOG NUMBER: GAN-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 |
| 2.5° | 2035.7 | 2060.2 | 2085.6 | 2111.0 | 2140.1 | 2169.3 | 2203.2 | 2236.9 | 2265.7 | 2294.6 | 2318.6 |
| 5° | 1712.5 | 1751.6 | 1797.6 | 1843.5 | 1902.1 | 1960.6 | 2032.2 | 2103.6 | 2167.3 | 2230.9 | 2304.9 |
| 7.5° | 1356.5 | 1407.3 | 1467.3 | 1527.2 | 1602.9 | 1678.5 | 1771.3 | 1864.1 | 1954.0 | 2043.7 | 2157.3 |
| 10° | 1137.9 | 1191.2 | 1250.3 | 1309.1 | 1386.2 | 1463.0 | 1561.2 | 1659.1 | 1760.2 | 1861.0 | 1989.4 |
| 12.5° | 1023.1 | 1082.2 | 1134.2 | 1186.1 | 1248.6 | 1310.9 | 1405.9 | 1501.0 | 1619.7 | 1738.2 | 1861.8 |
| 15° | 900.6 | 965.2 | 1027.4 | 1089.6 | 1157.8 | 1225.8 | 1318.3 | 1410.8 | 1540.7 | 1670.5 | 1812.7 |
| 17.5° | 752.5 | 820.4 | 896.4 | 972.0 | 1061.1 | 1149.9 | 1268.3 | 1386.8 | 1540.7 | 1694.2 | 1861.8 |
| 20° | 598.1 | 667.4 | 758.2 | 849.0 | 959.7 | 1070.2 | 1223.8 | 1377.4 | 1584.6 | 1791.6 | 2005.4 |
| 22.5° | 471.9 | 533.0 | 632.0 | 730.8 | 858.7 | 986.6 | 1183.5 | 1380.2 | 1651.1 | 1921.8 | 2210.4 |
| 25° | 382.5 | 425.6 | 523.0 | 620.0 | 767.6 | 915.2 | 1159.0 | 1402.5 | 1747.9 | 2093.0 | 2451.0 |
| 27.5° | 327.7 | 356.0 | 446.8 | 537.2 | 698.5 | 859.5 | 1149.0 | 1438.2 | 1870.7 | 2303.1 | 2712.8 |
| 30° | 300.3 | 320.0 | 396.8 | 473.3 | 637.2 | 801.0 | 1137.0 | 1473.0 | 1988.8 | 2504.4 | 2917.5 |
| 32.5° | 277.5 | 293.2 | 358.8 | 424.2 | 584.1 | 743.9 | 1113.9 | 1483.6 | 2071.3 | 2659.1 | 3090.7 |
| 35° | 258.1 | 271.2 | 328.3 | 385.4 | 542.4 | 699.4 | 1075.1 | 1450.7 | 2123.0 | 2795.3 | 3271.2 |
| 37.5° | 242.4 | 252.6 | 305.4 | 358.3 | 506.4 | 654.6 | 1030.8 | 1407.1 | 2169.0 | 2930.9 | 3474.1 |
| 40° | 230.1 | 238.9 | 288.3 | 337.7 | 472.2 | 606.6 | 992.9 | 1378.8 | 2232.3 | 3085.9 | 3688.5 |
| 42.5° | 223.2 | 234.7 | 273.5 | 312.0 | 439.6 | 567.2 | 962.3 | 1357.4 | 2291.1 | 3224.6 | 3876.1 |
| 45° | 221.5 | 237.8 | 265.8 | 293.7 | 415.4 | 537.0 | 935.2 | 1333.1 | 2329.1 | 3325.1 | 4017.4 |
| 47.5° | 218.7 | 232.1 | 259.8 | 287.5 | 403.4 | 519.0 | 920.6 | 1322.0 | 2367.1 | 3411.9 | 4134.7 |
| 50° | 220.4 | 222.1 | 254.9 | 287.5 | 401.7 | 515.8 | 937.2 | 1358.5 | 2449.3 | 3539.8 | 4268.9 |
| 52.5° | 217.2 | 209.8 | 245.8 | 281.8 | 401.4 | 521.0 | 984.9 | 1448.7 | 2602.0 | 3755.0 | 4414.2 |
| 55° | 200.7 | 191.0 | 228.7 | 266.3 | 395.4 | 524.1 | 1041.7 | 1558.9 | 2807.0 | 4054.8 | 4675.4 |
| 57.5° | 186.1 | 177.3 | 209.2 | 240.9 | 377.1 | 513.3 | 1100.2 | 1686.8 | 3023.7 | 4360.2 | 4969.7 |
| 60° | 166.7 | 164.7 | 187.6 | 210.4 | 348.8 | 487.0 | 1148.4 | 1809.6 | 3169.2 | 4528.6 | 5083.0 |
| 62.5° | 150.7 | 151.9 | 168.7 | 185.6 | 313.4 | 441.0 | 1164.4 | 1887.5 | 3165.2 | 4443.0 | 4968.8 |
| 65° | 138.5 | 140.4 | 157.0 | 173.6 | 283.2 | 392.8 | 1111.9 | 1830.7 | 3005.1 | 4179.2 | 4743.0 |
| 67.5° | 126.5 | 128.7 | 148.4 | 167.9 | 256.3 | 344.6 | 980.6 | 1616.3 | 2717.1 | 3817.5 | 4455.8 |
| 70° | 115.0 | 117.9 | 139.3 | 160.7 | 236.9 | 312.9 | 811.3 | 1309.7 | 2356.5 | 3403.0 | 4123.3 |
| 72.5° | 102.8 | 105.6 | 128.5 | 151.3 | 224.7 | 297.7 | 661.4 | 1024.8 | 1912.3 | 2799.6 | 3526.9 |
| 75° | 90.2 | 92.2 | 117.0 | 141.6 | 207.8 | 274.0 | 519.0 | 763.6 | 1463.6 | 2163.5 | 2664.0 |
| 77.5° | 77.6 | 80.2 | 101.1 | 121.6 | 176.4 | 230.9 | 391.1 | 551.2 | 1073.9 | 1596.3 | 1852.7 |
| 80° | 61.9 | 64.2 | 79.1 | 93.6 | 136.2 | 178.4 | 268.9 | 359.4 | 739.1 | 1118.7 | 1263.2 |
| 82.5° | 47.4 | 50.0 | 59.9 | 69.7 | 97.1 | 124.5 | 163.0 | 201.5 | 491.0 | 780.2 | 792.2 |
| 85° | 32.5 | 33.4 | 40.5 | 47.4 | 59.9 | 72.5 | 93.3 | 114.2 | 324.9 | 535.5 | 446.2 |
| 87.5° | 16.3 | 16.3 | 21.1 | 26.0 | 32.3 | 38.5 | 49.4 | 59.9 | 103.9 | 147.9 | 85.1 |
| 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: P320655
 CATALOG NUMBER: GAN-SA1D-740-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: P320655

CATALOG NUMBER: GAN-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 |
| 2.5° | 2349.1 | 2369.9 | 2391.1 | 2407.0 | 2423.3 | 2446.7 | 2470.1 | 2474.4 | 2479.0 | 2469.9 | 2460.7 |
| 5° | 2379.4 | 2442.4 | 2505.8 | 2564.3 | 2622.9 | 2658.0 | 2693.1 | 2700.2 | 2707.4 | 2685.4 | 2663.1 |
| 7.5° | 2267.2 | 2377.1 | 2487.0 | 2587.7 | 2688.5 | 2749.6 | 2811.0 | 2824.7 | 2838.7 | 2802.7 | 2766.7 |
| 10° | 2117.3 | 2252.3 | 2387.4 | 2520.1 | 2652.8 | 2741.6 | 2830.4 | 2848.1 | 2865.8 | 2821.0 | 2776.2 |
| 12.5° | 2001.4 | 2145.6 | 2289.7 | 2429.6 | 2569.8 | 2661.7 | 2753.6 | 2775.6 | 2797.6 | 2765.0 | 2732.2 |
| 15° | 1965.7 | 2101.3 | 2236.9 | 2358.8 | 2481.0 | 2556.1 | 2631.4 | 2640.3 | 2649.4 | 2644.3 | 2639.1 |
| 17.5° | 2030.5 | 2153.0 | 2275.7 | 2342.0 | 2408.5 | 2438.5 | 2468.7 | 2478.4 | 2488.4 | 2501.3 | 2514.4 |
| 20° | 2187.5 | 2273.7 | 2360.2 | 2357.4 | 2354.2 | 2339.7 | 2324.8 | 2322.3 | 2319.7 | 2356.5 | 2393.6 |
| 22.5° | 2421.9 | 2456.1 | 2490.7 | 2410.5 | 2330.3 | 2281.4 | 2232.3 | 2222.6 | 2212.6 | 2251.8 | 2291.1 |
| 25° | 2676.2 | 2670.0 | 2663.4 | 2510.7 | 2357.7 | 2264.6 | 2171.5 | 2160.7 | 2149.8 | 2183.2 | 2216.9 |
| 27.5° | 2928.0 | 2886.9 | 2845.8 | 2638.3 | 2430.7 | 2295.7 | 2160.7 | 2149.8 | 2139.0 | 2168.7 | 2198.4 |
| 30° | 3112.7 | 3046.8 | 2980.8 | 2745.9 | 2511.0 | 2350.5 | 2190.1 | 2172.4 | 2154.4 | 2191.0 | 2227.5 |
| 32.5° | 3256.9 | 3168.4 | 3079.9 | 2833.2 | 2586.6 | 2413.0 | 2239.5 | 2211.8 | 2184.1 | 2232.9 | 2281.7 |
| 35° | 3400.8 | 3276.3 | 3151.5 | 2911.2 | 2670.5 | 2487.0 | 2303.1 | 2269.2 | 2235.2 | 2302.3 | 2369.4 |
| 37.5° | 3581.7 | 3403.0 | 3224.1 | 2998.8 | 2773.6 | 2597.7 | 2421.6 | 2386.8 | 2352.0 | 2437.3 | 2522.9 |
| 40° | 3778.1 | 3539.8 | 3301.4 | 3094.7 | 2888.1 | 2751.0 | 2613.7 | 2580.6 | 2547.2 | 2651.1 | 2755.0 |
| 42.5° | 3941.4 | 3667.1 | 3392.8 | 3210.3 | 3027.7 | 2931.2 | 2834.4 | 2834.1 | 2833.5 | 2938.9 | 3044.2 |
| 45° | 4074.2 | 3773.3 | 3472.1 | 3323.1 | 3173.8 | 3123.6 | 3073.3 | 3113.6 | 3153.8 | 3248.9 | 3344.2 |
| 47.5° | 4173.2 | 3862.4 | 3551.2 | 3452.1 | 3353.1 | 3360.5 | 3367.9 | 3449.9 | 3531.8 | 3592.9 | 3654.2 |
| 50° | 4237.7 | 3943.1 | 3648.3 | 3617.7 | 3587.2 | 3653.7 | 3720.5 | 3814.4 | 3908.6 | 3950.3 | 3992.0 |
| 52.5° | 4331.7 | 4052.8 | 3773.6 | 3807.8 | 3842.1 | 3978.0 | 4113.8 | 4208.9 | 4304.0 | 4319.4 | 4335.1 |
| 55° | 4548.9 | 4254.3 | 3959.4 | 4025.1 | 4091.0 | 4290.3 | 4489.8 | 4564.0 | 4638.3 | 4644.0 | 4649.7 |
| 57.5° | 4857.5 | 4536.6 | 4215.8 | 4286.6 | 4357.4 | 4587.4 | 4817.8 | 4897.7 | 4978.0 | 4966.8 | 4955.4 |
| 60° | 5088.4 | 4804.7 | 4520.6 | 4592.0 | 4663.4 | 4887.7 | 5112.1 | 5204.0 | 5296.2 | 5271.7 | 5247.1 |
| 62.5° | 5102.7 | 4951.1 | 4799.3 | 4863.8 | 4928.6 | 5148.4 | 5368.2 | 5462.7 | 5557.2 | 5514.3 | 5471.5 |
| 65° | 4875.8 | 4943.7 | 5011.6 | 5033.0 | 5054.5 | 5259.4 | 5464.7 | 5536.9 | 5609.4 | 5587.7 | 5566.0 |
| 67.5° | 4563.2 | 4813.5 | 5064.2 | 5021.1 | 4978.0 | 5074.2 | 5170.4 | 5244.9 | 5319.4 | 5307.1 | 5294.5 |
| 70° | 4251.2 | 4585.4 | 4919.7 | 4707.9 | 4495.8 | 4456.1 | 4416.4 | 4496.7 | 4577.2 | 4527.5 | 4477.5 |
| 72.5° | 3719.9 | 4076.2 | 4432.7 | 4042.5 | 3652.3 | 3516.7 | 3381.1 | 3483.0 | 3584.9 | 3505.8 | 3426.4 |
| 75° | 2920.0 | 3313.7 | 3707.6 | 3242.0 | 2776.4 | 2595.5 | 2414.5 | 2502.1 | 2589.7 | 2535.5 | 2481.0 |
| 77.5° | 2173.8 | 2561.8 | 2949.7 | 2476.4 | 2002.8 | 1868.4 | 1733.6 | 1759.6 | 1785.9 | 1776.7 | 1767.3 |
| 80° | 1474.4 | 1744.8 | 2015.4 | 1700.2 | 1385.1 | 1395.4 | 1405.9 | 1393.6 | 1381.1 | 1399.4 | 1417.6 |
| 82.5° | 940.9 | 1149.6 | 1358.5 | 1191.2 | 1024.0 | 1119.9 | 1215.8 | 1168.7 | 1121.3 | 1138.7 | 1156.4 |
| 85° | 537.0 | 741.1 | 945.5 | 881.2 | 816.7 | 872.7 | 928.9 | 855.8 | 782.7 | 814.7 | 847.0 |
| 87.5° | 141.6 | 409.9 | 678.6 | 616.0 | 553.5 | 481.0 | 408.5 | 311.7 | 215.0 | 314.0 | 413.1 |
| 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: P320655
 CATALOG NUMBER: GAN-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

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



REPORT NUMBER: P320655

CATALOG NUMBER: GAN-SA1D-740-U-SLR

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 | 2175.3 |
| 2.5° | 2455.9 | 2451.0 | 2433.6 | 2415.9 | 2389.6 | 2367.9 | 2330.3 |
| 5° | 2632.3 | 2601.5 | 2548.4 | 2495.0 | 2435.6 | 2367.4 | 2291.7 |
| 7.5° | 2694.8 | 2622.6 | 2520.7 | 2418.5 | 2326.5 | 2218.6 | 2118.2 |
| 10° | 2668.3 | 2560.1 | 2427.6 | 2294.9 | 2183.2 | 2059.1 | 1947.4 |
| 12.5° | 2617.4 | 2502.4 | 2356.5 | 2210.4 | 2083.3 | 1950.0 | 1825.0 |
| 15° | 2547.5 | 2455.6 | 2318.8 | 2182.1 | 2054.2 | 1924.6 | 1776.5 |
| 17.5° | 2471.0 | 2427.3 | 2328.5 | 2229.5 | 2118.7 | 1993.1 | 1819.3 |
| 20° | 2409.3 | 2425.3 | 2385.9 | 2346.5 | 2257.8 | 2148.1 | 1952.9 |
| 22.5° | 2367.7 | 2444.4 | 2474.7 | 2505.2 | 2451.9 | 2366.2 | 2140.4 |
| 25° | 2344.2 | 2471.6 | 2572.9 | 2674.5 | 2650.8 | 2584.9 | 2368.2 |
| 27.5° | 2354.5 | 2510.7 | 2668.0 | 2825.5 | 2847.5 | 2829.3 | 2608.3 |
| 30° | 2385.4 | 2543.5 | 2735.0 | 2926.9 | 3014.5 | 3039.1 | 2808.4 |
| 32.5° | 2436.7 | 2591.7 | 2800.4 | 3009.4 | 3141.8 | 3220.1 | 2991.4 |
| 35° | 2514.4 | 2659.4 | 2876.9 | 3094.5 | 3265.7 | 3408.5 | 3180.4 |
| 37.5° | 2647.7 | 2772.4 | 2973.1 | 3174.1 | 3396.2 | 3610.6 | 3388.5 |
| 40° | 2843.0 | 2931.2 | 3100.7 | 3270.6 | 3550.1 | 3839.5 | 3620.6 |
| 42.5° | 3089.3 | 3134.7 | 3269.2 | 3403.6 | 3710.8 | 4047.3 | 3847.5 |
| 45° | 3356.2 | 3368.2 | 3452.7 | 3537.5 | 3838.1 | 4188.9 | 4017.9 |
| 47.5° | 3613.1 | 3572.0 | 3605.7 | 3639.4 | 3935.7 | 4290.0 | 4147.2 |
| 50° | 3877.5 | 3763.0 | 3745.3 | 3727.6 | 4033.3 | 4409.0 | 4311.7 |
| 52.5° | 4146.4 | 3957.7 | 3887.8 | 3817.5 | 4149.8 | 4566.9 | 4516.4 |
| 55° | 4409.6 | 4169.5 | 4075.3 | 3981.1 | 4327.9 | 4759.6 | 4817.0 |
| 57.5° | 4683.4 | 4411.3 | 4324.0 | 4236.6 | 4589.7 | 5003.6 | 5086.7 |
| 60° | 4978.0 | 4708.5 | 4638.5 | 4568.3 | 4915.2 | 5267.4 | 5206.9 |
| 62.5° | 5257.4 | 5043.3 | 5006.5 | 4969.4 | 5244.3 | 5470.1 | 5160.1 |
| 65° | 5444.1 | 5321.9 | 5356.2 | 5390.7 | 5493.2 | 5520.6 | 5023.1 |
| 67.5° | 5319.4 | 5344.2 | 5488.9 | 5634.0 | 5563.4 | 5370.5 | 4753.0 |
| 70° | 4626.3 | 4775.3 | 5118.1 | 5461.2 | 5304.8 | 4968.2 | 4268.3 |
| 72.5° | 3593.7 | 3761.3 | 4270.3 | 4779.6 | 4635.4 | 4223.2 | 3505.8 |
| 75° | 2670.0 | 2859.2 | 3421.0 | 3982.8 | 3782.7 | 3159.0 | 2510.1 |
| 77.5° | 1894.1 | 2020.8 | 2575.5 | 3130.4 | 2804.1 | 2102.7 | 1689.1 |
| 80° | 1378.8 | 1340.0 | 1649.1 | 1958.3 | 1904.1 | 1390.8 | 1084.8 |
| 82.5° | 1061.6 | 966.9 | 1112.5 | 1258.0 | 1250.1 | 965.2 | 795.9 |
| 85° | 809.0 | 771.0 | 899.8 | 1028.5 | 918.3 | 653.7 | 505.8 |
| 87.5° | 471.6 | 530.4 | 682.0 | 833.8 | 625.7 | 198.4 | 98.2 |
| 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: P320655
 CATALOG NUMBER: GAN-SA1D-740-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)