

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: P324375

Luminaire Tested: **GAN-SA1D-722-U-SLL-HSS**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P324375  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GAN-SA1D-722-U-SLL-HSS  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 2200K, 1200mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4428 lumens  
Efficiency: N/A  
Efficacy: 66.1 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B1 - U0 - G1

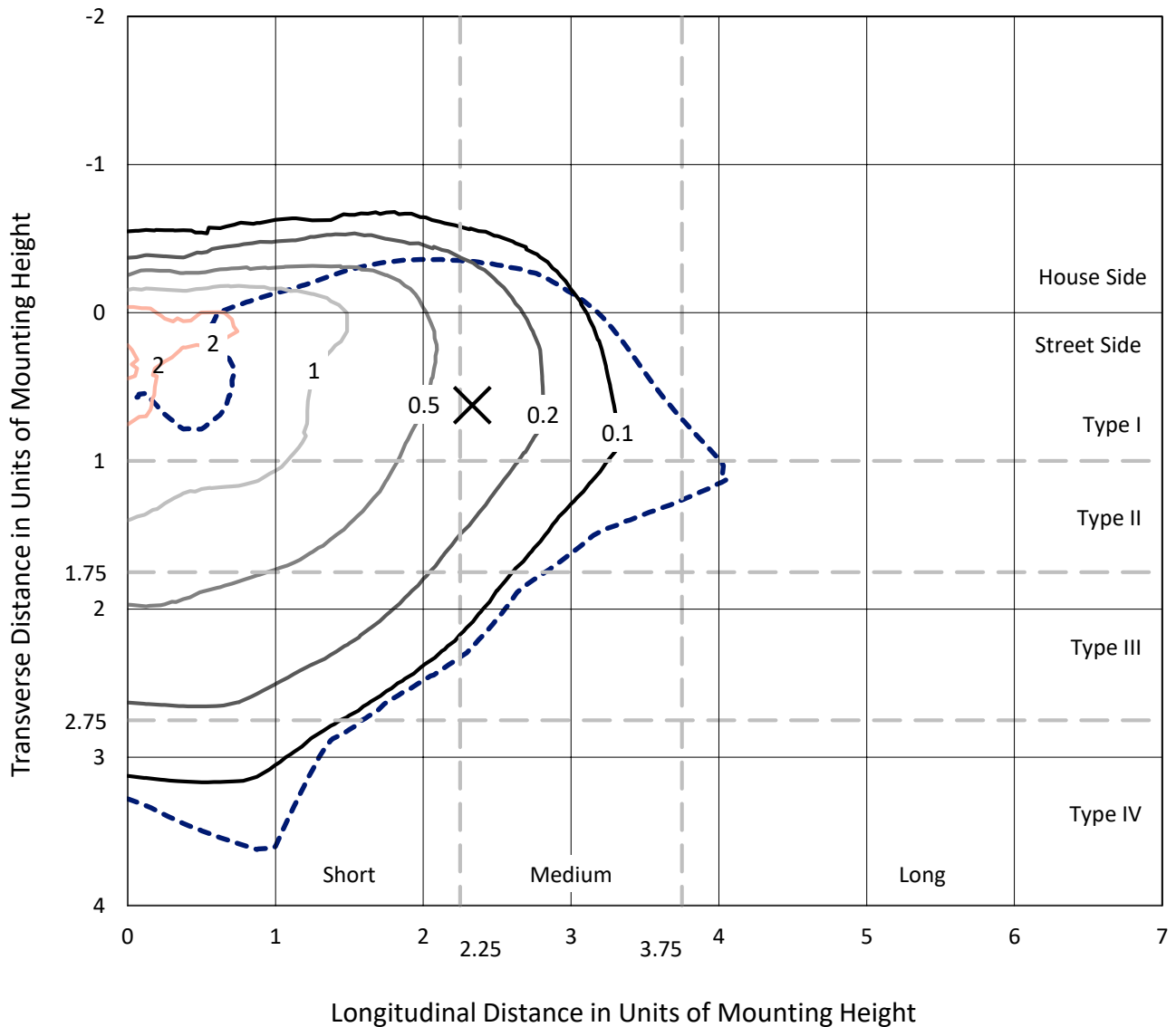
Input Watts (W): 67  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



REPORT NUMBER: P324375  
 CATALOG NUMBER: GAN-SA1D-722-U-SLL-HSS

### Iso-Footcandle Lines of Horizontal Illumination

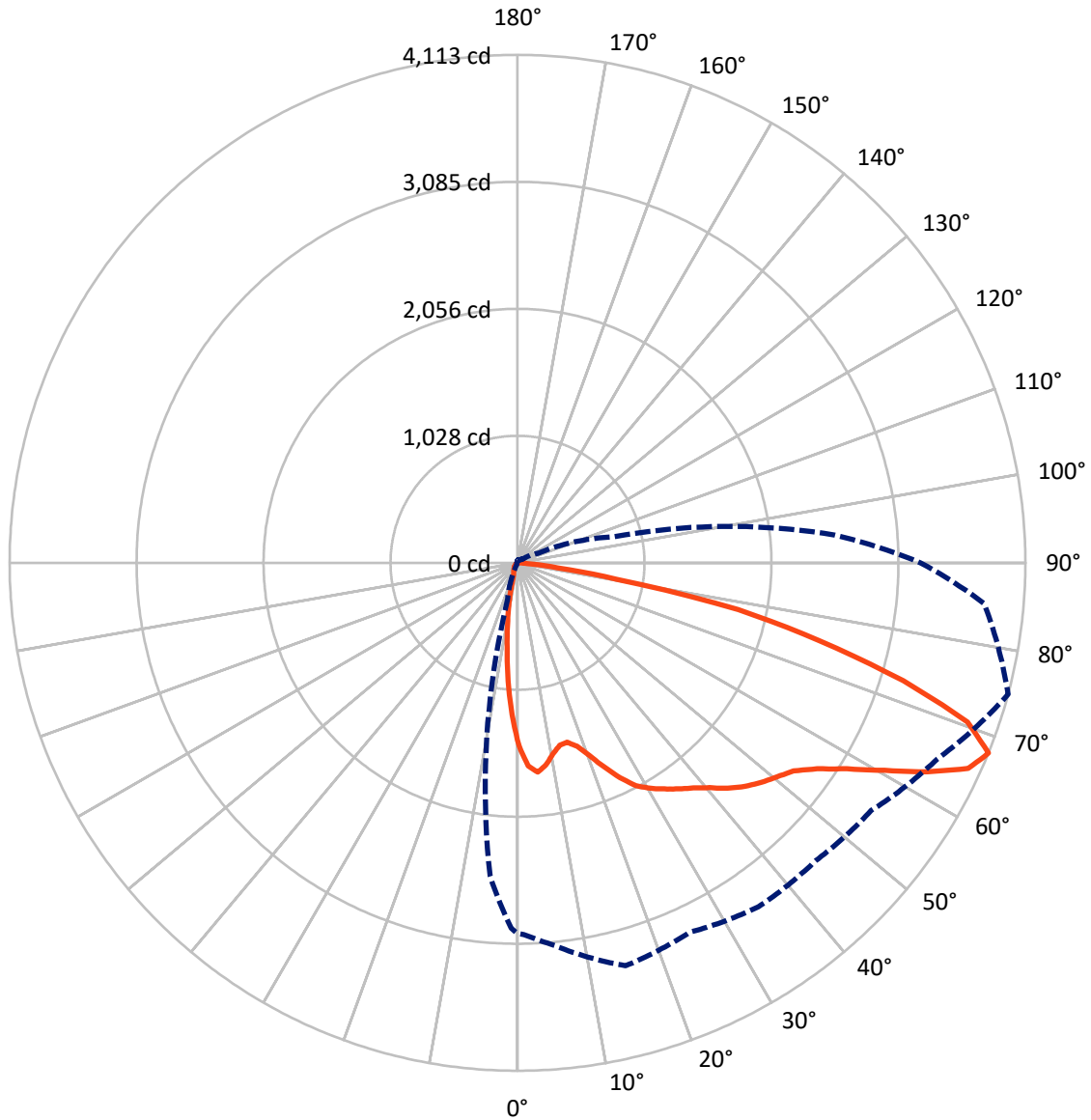
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.1 fc  
 Type III - Medium - N/A

REPORT NUMBER: P324375  
CATALOG NUMBER: GAN-SA1D-722-U-SLL-HSS

### Luminous Intensity Polar Plot



— Vertical Plane Through 75-Deg Lateral      - - - Horizontal Cone Through 67.5-Deg Vertical

REPORT NUMBER: P324375  
 CATALOG NUMBER: GAN-SA1D-722-U-SLL-HSS

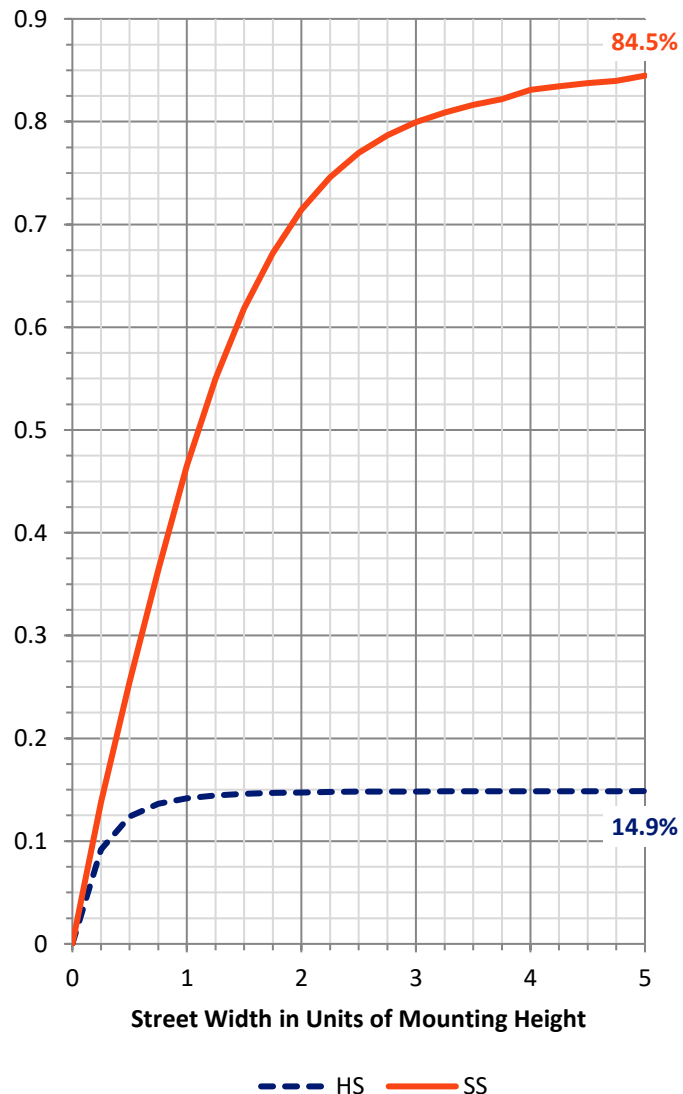
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 664.5    | 0.0    | 664.5  |
|                    | % Fixture | 15.0     | 0.0    | 15.0   |
| <b>Street Side</b> | Lumens    | 3763.5   | 0.0    | 3763.5 |
|                    | % Fixture | 85.0     | 0.0    | 85.0   |
| <b>Total</b>       | Lumens    | 4428.0   | 0.0    | 4428.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 112.7  | 2.5       |
| 10°-20°   | 221.9  | 5.0       |
| 20°-30°   | 313.9  | 7.1       |
| 30°-40°   | 461.5  | 10.4      |
| 40°-50°   | 663.3  | 15.0      |
| 50°-60°   | 933.8  | 21.1      |
| 60°-70°   | 1090.6 | 24.6      |
| 70°-80°   | 556.4  | 12.6      |
| 80°-90°   | 73.9   | 1.7       |
| 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°    | 4428.0 | 100.0     |
| 0°-180°   | 4428.0 | 100.0     |

**Coefficient of Utilization**

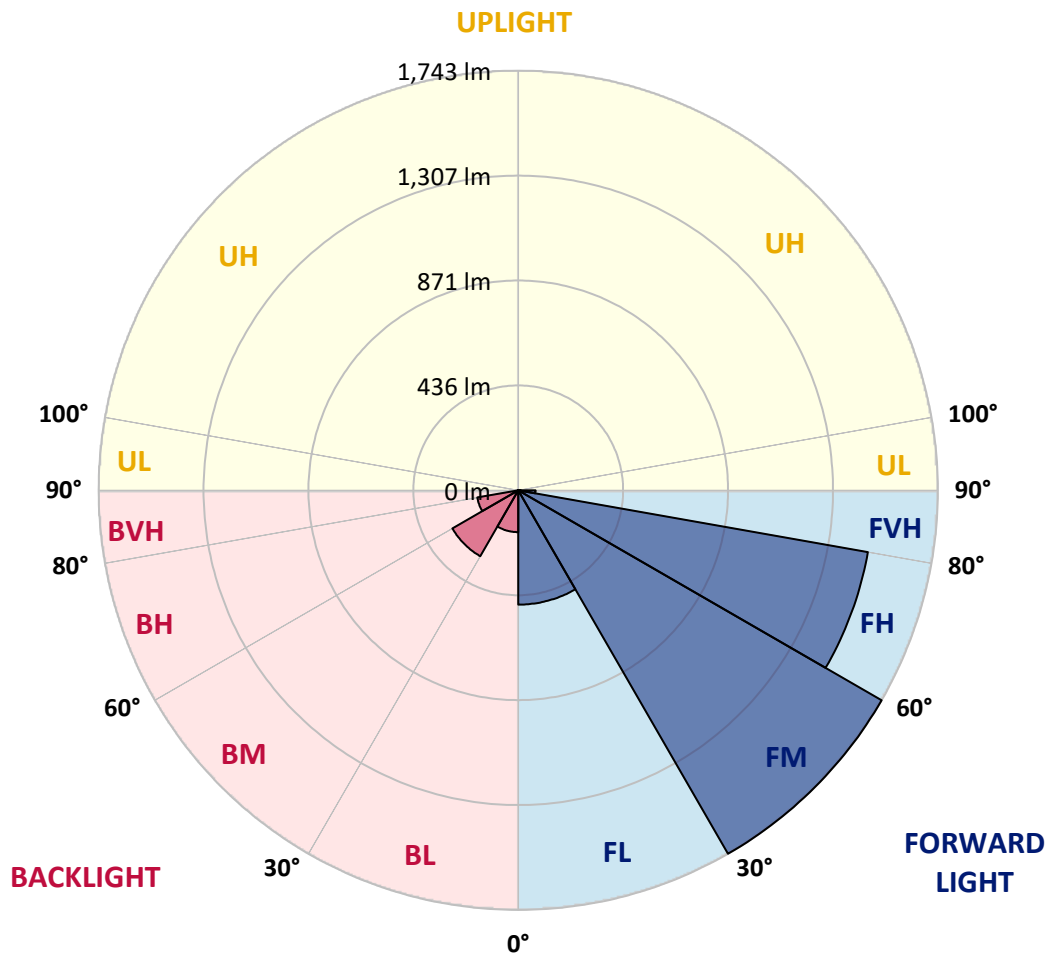


REPORT NUMBER: P324375  
 CATALOG NUMBER: GAN-SA1D-722-U-SLL-HSS

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

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 474.7  | 10.7      |                         |      |         |
| FM (30°-60°)   | 1742.8 | 39.4      |                         |      |         |
| FH (60°-80°)   | 1474.4 | 33.3      |                         |      | G1/1800 |
| FVH (80°-90°)  | 71.7   | 1.6       |                         |      | G1/100  |
| BL (0°-30°)    | 173.8  | 3.9       | B1/500                  |      |         |
| BM (30°-60°)   | 315.9  | 7.1       | B1/1000                 |      |         |
| BH (60°-80°)   | 172.6  | 3.9       | B1/500                  |      | G1/500  |
| BVH (80°-90°)  | 2.2    | 0.1       |                         |      | G0/10   |
| UL (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G1**  
 Type III Medium





REPORT NUMBER: P324375  
 CATALOG NUMBER: GAN-SA1D-722-U-SLL-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 |
| 2.5°  | 1610.3 | 1612.8 | 1625.8 | 1656.1 | 1689.0 | 1691.5 | 1713.7 | 1690.9 | 1683.1 | 1646.2 | 1608.0 |
| 5°    | 1622.5 | 1632.1 | 1676.8 | 1765.5 | 1842.5 | 1867.3 | 1884.9 | 1840.0 | 1792.8 | 1702.6 | 1606.3 |
| 7.5°  | 1524.5 | 1540.7 | 1611.0 | 1777.5 | 1915.1 | 1975.9 | 1987.5 | 1917.2 | 1801.6 | 1653.1 | 1508.4 |
| 10°   | 1399.1 | 1417.6 | 1502.3 | 1707.0 | 1896.0 | 2000.3 | 2016.2 | 1924.1 | 1758.0 | 1573.0 | 1402.5 |
| 12.5° | 1297.6 | 1319.2 | 1405.8 | 1627.7 | 1830.4 | 1945.7 | 1977.2 | 1900.8 | 1720.2 | 1516.1 | 1330.1 |
| 15°   | 1250.8 | 1275.5 | 1366.6 | 1576.6 | 1757.6 | 1848.4 | 1874.4 | 1841.5 | 1699.3 | 1507.1 | 1313.3 |
| 17.5° | 1277.6 | 1304.5 | 1398.5 | 1581.0 | 1689.2 | 1728.0 | 1749.0 | 1762.4 | 1699.3 | 1561.5 | 1362.4 |
| 20°   | 1387.8 | 1416.7 | 1516.1 | 1625.6 | 1632.6 | 1618.1 | 1640.5 | 1687.7 | 1719.0 | 1664.7 | 1480.3 |
| 22.5° | 1540.1 | 1574.0 | 1686.3 | 1702.2 | 1604.9 | 1550.1 | 1553.1 | 1627.1 | 1754.8 | 1795.5 | 1643.9 |
| 25°   | 1725.7 | 1767.2 | 1881.3 | 1816.3 | 1616.4 | 1509.6 | 1508.6 | 1577.2 | 1789.9 | 1926.6 | 1826.2 |
| 27.5° | 1910.1 | 1955.8 | 2056.1 | 1955.6 | 1664.0 | 1502.3 | 1500.2 | 1562.1 | 1824.1 | 2043.3 | 2025.2 |
| 30°   | 2064.7 | 2109.1 | 2195.6 | 2056.5 | 1715.4 | 1519.5 | 1509.4 | 1578.2 | 1844.4 | 2119.0 | 2170.4 |
| 32.5° | 2190.5 | 2226.2 | 2296.0 | 2125.9 | 1770.4 | 1552.9 | 1531.0 | 1621.4 | 1879.0 | 2183.0 | 2303.8 |
| 35°   | 2329.0 | 2366.5 | 2394.4 | 2192.0 | 1832.0 | 1600.9 | 1569.6 | 1690.0 | 1932.3 | 2248.0 | 2450.0 |
| 37.5° | 2486.9 | 2524.2 | 2520.9 | 2252.4 | 1910.3 | 1680.4 | 1660.5 | 1798.7 | 2015.2 | 2312.4 | 2613.2 |
| 40°   | 2641.5 | 2679.7 | 2652.4 | 2318.5 | 2002.2 | 1811.5 | 1796.8 | 1961.9 | 2126.1 | 2394.8 | 2804.5 |
| 42.5° | 2786.2 | 2827.6 | 2769.2 | 2381.0 | 2111.7 | 1976.8 | 2001.9 | 2172.1 | 2265.0 | 2496.4 | 2969.4 |
| 45°   | 2902.9 | 2945.0 | 2867.2 | 2441.8 | 2227.0 | 2177.3 | 2253.0 | 2404.9 | 2432.0 | 2582.1 | 3080.7 |
| 47.5° | 2987.6 | 3027.5 | 2935.2 | 2502.6 | 2374.7 | 2422.5 | 2554.5 | 2649.1 | 2582.8 | 2656.6 | 3159.8 |
| 50°   | 3041.7 | 3072.8 | 2955.1 | 2578.8 | 2568.5 | 2708.6 | 2868.5 | 2914.6 | 2724.8 | 2723.7 | 3255.9 |
| 52.5° | 3076.1 | 3090.2 | 2969.8 | 2658.3 | 2770.7 | 3020.1 | 3176.0 | 3190.4 | 2871.0 | 2797.6 | 3385.3 |
| 55°   | 3194.6 | 3206.0 | 3073.8 | 2754.6 | 2937.9 | 3293.0 | 3454.1 | 3440.7 | 3036.5 | 2942.1 | 3538.0 |
| 57.5° | 3396.8 | 3408.8 | 3288.8 | 2893.0 | 3073.2 | 3461.7 | 3655.7 | 3679.8 | 3230.5 | 3145.1 | 3701.6 |
| 60°   | 3498.4 | 3520.6 | 3477.8 | 3068.4 | 3204.3 | 3569.5 | 3793.1 | 3870.1 | 3473.0 | 3412.8 | 3860.2 |
| 62.5° | 3406.3 | 3438.6 | 3500.7 | 3262.8 | 3334.6 | 3628.8 | 3835.9 | 3938.2 | 3721.3 | 3724.7 | 3958.0 |
| 65°   | 3222.5 | 3248.3 | 3353.6 | 3369.4 | 3410.1 | 3621.5 | 3730.2 | 3843.0 | 3873.4 | 4011.2 | 3952.7 |
| 67.5° | 3000.6 | 3010.3 | 3099.6 | 3377.8 | 3300.6 | 3400.8 | 3412.6 | 3496.1 | 3753.2 | 4112.8 | 3793.9 |
| 70°   | 2681.1 | 2686.4 | 2764.4 | 3096.9 | 2836.4 | 2858.4 | 2841.0 | 2858.0 | 3226.7 | 3865.5 | 3393.1 |
| 72.5° | 2157.8 | 2171.0 | 2282.0 | 2571.9 | 2066.3 | 2002.8 | 2139.5 | 2132.0 | 2485.0 | 3265.7 | 2520.1 |
| 75°   | 1588.7 | 1611.6 | 1779.2 | 2071.6 | 1450.3 | 1311.8 | 1411.7 | 1438.3 | 1766.6 | 2526.1 | 1575.9 |
| 77.5° | 1112.4 | 1129.3 | 1291.7 | 1522.9 | 1049.6 | 938.0  | 902.0  | 933.6  | 1166.1 | 1827.4 | 793.9  |
| 80°   | 640.8  | 647.1  | 750.7  | 879.3  | 707.3  | 809.3  | 733.1  | 754.9  | 698.7  | 813.0  | 341.5  |
| 82.5° | 419.3  | 420.4  | 460.8  | 523.4  | 440.5  | 511.8  | 378.8  | 484.3  | 429.8  | 326.6  | 111.2  |
| 85°   | 226.5  | 227.8  | 267.2  | 371.5  | 249.4  | 141.0  | 82.9   | 170.1  | 265.8  | 74.9   | 30.4   |
| 87.5° | 25.0   | 22.9   | 80.5   | 135.1  | 69.2   | 12.8   | 4.4    | 19.1   | 42.6   | 4.8    | 0.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P324375  
 CATALOG NUMBER: GAN-SA1D-722-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 |
| 2.5°  | 1588.5 | 1571.1 | 1527.7 | 1481.7 | 1444.8 | 1410.2 | 1375.4 | 1332.8 | 1299.9 | 1293.2 | 1282.3 |
| 5°    | 1554.5 | 1499.4 | 1408.3 | 1316.9 | 1243.2 | 1150.3 | 1091.4 | 1045.4 | 1000.6 | 997.8  | 988.8  |
| 7.5°  | 1435.8 | 1363.2 | 1235.1 | 1108.6 | 1005.0 | 916.4  | 827.1  | 767.3  | 720.3  | 703.7  | 693.9  |
| 10°   | 1321.7 | 1240.1 | 1080.1 | 935.7  | 843.2  | 765.0  | 702.1  | 639.6  | 582.9  | 543.9  | 526.3  |
| 12.5° | 1242.0 | 1151.8 | 975.4  | 851.0  | 784.7  | 710.5  | 633.7  | 555.7  | 490.4  | 443.4  | 414.7  |
| 15°   | 1211.2 | 1114.9 | 940.4  | 817.4  | 735.6  | 641.7  | 543.5  | 454.3  | 382.0  | 339.4  | 313.6  |
| 17.5° | 1247.9 | 1135.8 | 937.6  | 776.5  | 662.2  | 545.4  | 436.9  | 331.6  | 263.5  | 231.2  | 214.6  |
| 20°   | 1341.0 | 1202.6 | 936.6  | 726.4  | 575.0  | 431.3  | 296.0  | 218.2  | 176.8  | 158.8  | 151.0  |
| 22.5° | 1472.7 | 1287.7 | 945.0  | 676.9  | 484.1  | 308.1  | 204.3  | 160.3  | 139.1  | 129.4  | 125.0  |
| 25°   | 1642.2 | 1407.3 | 968.7  | 632.0  | 398.8  | 229.9  | 159.2  | 134.2  | 119.4  | 111.8  | 108.7  |
| 27.5° | 1822.8 | 1544.9 | 1005.6 | 593.0  | 329.3  | 183.3  | 136.3  | 114.9  | 104.3  | 99.0   | 96.1   |
| 30°   | 1971.7 | 1704.3 | 1042.9 | 549.6  | 279.0  | 159.8  | 124.8  | 104.9  | 92.5   | 89.1   | 86.4   |
| 32.5° | 2102.0 | 1824.9 | 1069.4 | 510.3  | 246.0  | 142.0  | 112.9  | 93.8   | 85.4   | 78.9   | 75.9   |
| 35°   | 2236.9 | 1925.4 | 1068.5 | 482.9  | 223.4  | 128.6  | 102.8  | 83.9   | 73.8   | 66.3   | 64.0   |
| 37.5° | 2382.9 | 2038.9 | 1050.3 | 459.4  | 213.5  | 117.9  | 97.1   | 78.7   | 68.6   | 61.0   | 58.1   |
| 40°   | 2553.8 | 2158.0 | 1031.6 | 437.3  | 210.8  | 109.3  | 93.1   | 74.5   | 63.8   | 56.4   | 53.5   |
| 42.5° | 2720.4 | 2265.4 | 1015.2 | 421.0  | 199.1  | 109.1  | 89.6   | 71.3   | 60.0   | 52.9   | 49.5   |
| 45°   | 2853.6 | 2365.5 | 1012.1 | 411.1  | 186.7  | 112.9  | 87.7   | 69.2   | 57.1   | 49.9   | 46.8   |
| 47.5° | 2964.3 | 2474.1 | 1032.2 | 404.2  | 174.9  | 103.0  | 92.3   | 67.8   | 54.3   | 47.4   | 43.8   |
| 50°   | 3096.1 | 2607.5 | 1079.6 | 392.9  | 162.6  | 92.7   | 105.7  | 68.2   | 52.0   | 44.9   | 41.1   |
| 52.5° | 3279.8 | 2792.1 | 1149.3 | 373.8  | 145.6  | 83.3   | 104.0  | 68.6   | 49.5   | 42.2   | 38.4   |
| 55°   | 3485.8 | 3022.6 | 1224.2 | 342.1  | 121.9  | 70.9   | 89.1   | 65.7   | 44.7   | 39.2   | 35.7   |
| 57.5° | 3702.3 | 3231.8 | 1268.6 | 304.4  | 96.9   | 61.2   | 71.3   | 59.8   | 39.4   | 35.2   | 32.9   |
| 60°   | 3736.2 | 3311.3 | 1248.3 | 258.0  | 77.0   | 53.3   | 52.9   | 60.8   | 35.2   | 31.0   | 29.4   |
| 62.5° | 3651.7 | 3211.4 | 1149.9 | 216.7  | 64.4   | 46.8   | 43.4   | 53.1   | 31.9   | 27.7   | 26.0   |
| 65°   | 3489.1 | 2941.5 | 990.5  | 195.3  | 59.8   | 40.1   | 36.1   | 37.3   | 27.9   | 24.1   | 22.7   |
| 67.5° | 3263.0 | 2581.1 | 813.2  | 183.1  | 59.2   | 34.4   | 30.8   | 28.3   | 24.1   | 21.0   | 19.7   |
| 70°   | 2800.7 | 2150.2 | 648.8  | 176.4  | 57.5   | 28.9   | 26.0   | 23.1   | 20.1   | 17.8   | 16.8   |
| 72.5° | 2061.3 | 1523.7 | 504.7  | 169.1  | 57.9   | 23.1   | 22.7   | 19.1   | 16.2   | 13.8   | 13.4   |
| 75°   | 1191.0 | 870.5  | 331.0  | 137.0  | 55.2   | 17.8   | 18.9   | 13.4   | 11.3   | 9.6    | 9.6    |
| 77.5° | 634.7  | 530.9  | 126.1  | 57.1   | 20.1   | 11.3   | 10.7   | 8.0    | 7.1    | 5.9    | 5.7    |
| 80°   | 276.7  | 233.7  | 38.0   | 15.9   | 11.1   | 6.1    | 4.0    | 3.6    | 3.1    | 2.5    | 2.3    |
| 82.5° | 98.0   | 84.5   | 12.4   | 7.8    | 4.8    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 22.2   | 15.9   | 0.0    | 1.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |





REPORT NUMBER: P324375  
 CATALOG NUMBER: GAN-SA1D-722-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 |
| 2.5°  | 1260.0 | 1255.4 | 1228.1 | 1229.2 | 1234.0 | 1240.9 | 1224.6 | 1232.1 | 1252.5 | 1272.0 | 1279.3 |
| 5°    | 974.3  | 975.4  | 958.8  | 969.1  | 978.3  | 984.6  | 958.2  | 958.6  | 974.8  | 996.8  | 1008.3 |
| 7.5°  | 686.5  | 684.9  | 685.7  | 710.2  | 727.7  | 715.1  | 724.9  | 690.7  | 692.8  | 708.6  | 696.8  |
| 10°   | 510.3  | 487.3  | 474.3  | 492.7  | 511.8  | 504.9  | 487.9  | 476.8  | 484.5  | 502.0  | 500.7  |
| 12.5° | 401.1  | 367.9  | 348.4  | 335.2  | 350.9  | 337.9  | 337.5  | 327.9  | 317.4  | 319.3  | 347.2  |
| 15°   | 301.6  | 277.5  | 254.4  | 233.3  | 232.8  | 228.4  | 206.0  | 180.8  | 178.7  | 180.0  | 194.4  |
| 17.5° | 207.5  | 199.3  | 189.8  | 171.6  | 166.8  | 148.3  | 126.5  | 116.4  | 111.4  | 113.7  | 118.5  |
| 20°   | 145.8  | 142.6  | 143.7  | 133.8  | 126.9  | 109.3  | 96.5   | 92.5   | 91.7   | 94.0   | 96.3   |
| 22.5° | 120.8  | 115.2  | 114.5  | 110.1  | 103.2  | 90.4   | 83.5   | 81.2   | 80.1   | 82.2   | 83.9   |
| 25°   | 105.7  | 100.1  | 97.7   | 95.0   | 87.7   | 78.9   | 74.7   | 72.6   | 71.5   | 72.8   | 73.8   |
| 27.5° | 93.1   | 87.9   | 85.8   | 83.9   | 76.8   | 70.5   | 67.1   | 65.2   | 64.4   | 64.8   | 65.9   |
| 30°   | 83.7   | 79.1   | 76.4   | 74.0   | 68.0   | 63.6   | 60.6   | 58.7   | 57.9   | 57.9   | 58.9   |
| 32.5° | 73.8   | 71.3   | 68.8   | 65.9   | 60.2   | 57.3   | 54.3   | 52.2   | 51.4   | 51.6   | 52.4   |
| 35°   | 61.5   | 60.6   | 61.2   | 58.5   | 53.7   | 51.2   | 48.2   | 45.9   | 45.3   | 45.5   | 46.4   |
| 37.5° | 54.5   | 50.8   | 53.1   | 51.6   | 48.9   | 45.5   | 41.7   | 39.6   | 38.6   | 39.2   | 39.6   |
| 40°   | 50.1   | 45.5   | 43.8   | 45.3   | 44.9   | 39.4   | 36.1   | 34.0   | 33.1   | 33.4   | 33.8   |
| 42.5° | 46.4   | 40.9   | 37.1   | 36.9   | 39.4   | 34.4   | 30.8   | 28.9   | 27.9   | 27.9   | 28.3   |
| 45°   | 42.8   | 36.9   | 32.3   | 28.7   | 33.1   | 29.2   | 25.8   | 24.1   | 22.9   | 22.9   | 23.1   |
| 47.5° | 40.1   | 33.6   | 28.1   | 23.5   | 25.0   | 23.9   | 21.2   | 19.5   | 18.2   | 18.2   | 18.5   |
| 50°   | 37.5   | 30.2   | 24.3   | 19.7   | 18.7   | 19.7   | 17.2   | 15.3   | 14.5   | 14.3   | 14.7   |
| 52.5° | 34.8   | 26.8   | 20.8   | 16.8   | 14.7   | 14.9   | 13.4   | 12.2   | 11.1   | 11.1   | 11.5   |
| 55°   | 32.1   | 24.1   | 18.0   | 14.3   | 12.2   | 11.1   | 10.7   | 9.9    | 9.0    | 9.0    | 9.4    |
| 57.5° | 29.4   | 21.2   | 15.3   | 11.7   | 9.6    | 8.8    | 8.8    | 8.2    | 7.6    | 7.6    | 8.0    |
| 60°   | 26.8   | 18.2   | 12.6   | 9.6    | 7.6    | 7.3    | 7.6    | 6.9    | 6.5    | 6.5    | 6.9    |
| 62.5° | 23.9   | 15.5   | 10.3   | 8.0    | 6.1    | 5.9    | 6.5    | 6.1    | 5.7    | 5.7    | 6.1    |
| 65°   | 20.3   | 13.2   | 8.2    | 6.1    | 4.6    | 4.6    | 5.5    | 5.0    | 4.6    | 4.6    | 5.0    |
| 67.5° | 17.2   | 11.1   | 6.3    | 4.4    | 3.4    | 3.6    | 4.6    | 4.2    | 4.0    | 4.0    | 4.4    |
| 70°   | 14.3   | 8.6    | 4.4    | 2.7    | 1.9    | 2.7    | 3.6    | 3.6    | 3.6    | 3.6    | 4.0    |
| 72.5° | 10.7   | 5.9    | 2.5    | 1.0    | 0.8    | 1.9    | 2.9    | 3.4    | 3.1    | 3.1    | 3.8    |
| 75°   | 6.9    | 3.4    | 0.8    | 0.0    | 0.0    | 1.0    | 2.3    | 2.7    | 2.7    | 2.5    | 3.1    |
| 77.5° | 4.0    | 1.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.5    | 1.3    | 1.0    | 0.8    | 1.5    |
| 80°   | 1.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



REPORT NUMBER: P324375  
 CATALOG NUMBER: GAN-SA1D-722-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 | 1485.5 |
| 2.5°  | 1308.9 | 1333.7 | 1368.5 | 1405.4 | 1462.2 | 1507.3 | 1551.6 | 1589.6 | 1604.2 | 1610.3 |
| 5°    | 1036.0 | 1072.3 | 1123.3 | 1188.7 | 1291.3 | 1383.6 | 1477.1 | 1571.3 | 1612.2 | 1622.5 |
| 7.5°  | 743.4  | 789.7  | 854.6  | 936.6  | 1056.8 | 1176.3 | 1307.0 | 1445.2 | 1508.6 | 1524.5 |
| 10°   | 550.2  | 606.8  | 681.1  | 767.5  | 882.2  | 1005.2 | 1147.6 | 1305.5 | 1377.9 | 1399.1 |
| 12.5° | 390.4  | 466.9  | 566.4  | 671.4  | 770.9  | 880.6  | 1024.7 | 1198.8 | 1274.7 | 1297.6 |
| 15°   | 229.3  | 303.3  | 421.0  | 561.7  | 689.1  | 800.2  | 946.6  | 1144.0 | 1227.7 | 1250.8 |
| 17.5° | 131.5  | 168.4  | 257.4  | 414.3  | 587.1  | 741.1  | 922.1  | 1157.7 | 1256.3 | 1277.6 |
| 20°   | 100.5  | 112.2  | 148.3  | 266.8  | 468.0  | 683.0  | 922.1  | 1234.9 | 1356.3 | 1387.8 |
| 22.5° | 87.9   | 96.5   | 111.2  | 159.2  | 344.4  | 620.7  | 932.8  | 1346.4 | 1505.2 | 1540.1 |
| 25°   | 78.0   | 85.8   | 98.4   | 119.8  | 234.9  | 546.6  | 958.2  | 1483.4 | 1680.6 | 1725.7 |
| 27.5° | 69.8   | 77.2   | 88.5   | 104.9  | 160.7  | 457.3  | 992.4  | 1644.1 | 1874.0 | 1910.1 |
| 30°   | 62.5   | 69.4   | 79.7   | 91.2   | 124.0  | 356.0  | 1021.5 | 1795.5 | 2025.9 | 2064.7 |
| 32.5° | 55.6   | 61.9   | 71.1   | 79.7   | 101.5  | 263.2  | 1024.7 | 1915.5 | 2151.9 | 2190.5 |
| 35°   | 49.1   | 54.7   | 63.1   | 69.8   | 84.1   | 207.9  | 975.8  | 2019.6 | 2278.0 | 2329.0 |
| 37.5° | 42.8   | 48.2   | 55.6   | 60.6   | 74.0   | 169.5  | 901.1  | 2135.6 | 2439.7 | 2486.9 |
| 40°   | 36.9   | 41.7   | 49.3   | 52.6   | 70.1   | 130.3  | 820.0  | 2257.2 | 2598.3 | 2641.5 |
| 42.5° | 31.5   | 36.1   | 43.4   | 49.9   | 61.5   | 97.3   | 732.3  | 2371.3 | 2740.9 | 2786.2 |
| 45°   | 26.2   | 31.0   | 38.4   | 52.9   | 51.0   | 72.8   | 638.5  | 2447.1 | 2853.6 | 2902.9 |
| 47.5° | 21.2   | 26.6   | 36.7   | 50.3   | 40.7   | 53.5   | 564.3  | 2518.8 | 2938.9 | 2987.6 |
| 50°   | 17.0   | 22.4   | 41.3   | 44.9   | 33.4   | 40.9   | 533.2  | 2583.0 | 2994.9 | 3041.7 |
| 52.5° | 13.8   | 18.9   | 39.0   | 34.4   | 27.9   | 33.8   | 550.0  | 2687.0 | 3046.8 | 3076.1 |
| 55°   | 11.5   | 14.9   | 23.5   | 23.9   | 23.7   | 28.7   | 570.8  | 2836.4 | 3180.8 | 3194.6 |
| 57.5° | 10.1   | 12.0   | 16.4   | 18.5   | 19.9   | 25.6   | 571.2  | 3050.7 | 3388.2 | 3396.8 |
| 60°   | 8.6    | 10.5   | 13.6   | 14.9   | 17.2   | 22.9   | 550.4  | 3125.6 | 3469.8 | 3498.4 |
| 62.5° | 7.6    | 9.2    | 11.3   | 12.4   | 14.5   | 20.6   | 501.7  | 3017.2 | 3357.8 | 3406.3 |
| 65°   | 6.7    | 8.4    | 9.4    | 10.5   | 12.8   | 18.5   | 421.6  | 2800.3 | 3172.0 | 3222.5 |
| 67.5° | 5.9    | 7.3    | 8.4    | 9.4    | 11.5   | 16.4   | 310.4  | 2548.4 | 2958.7 | 3000.6 |
| 70°   | 5.2    | 6.5    | 7.6    | 8.4    | 10.1   | 13.8   | 188.4  | 2162.4 | 2663.7 | 2681.1 |
| 72.5° | 5.0    | 5.9    | 6.9    | 7.6    | 8.8    | 12.2   | 95.4   | 1589.1 | 2129.5 | 2157.8 |
| 75°   | 4.4    | 5.2    | 6.3    | 6.7    | 7.8    | 10.5   | 38.8   | 1043.8 | 1543.2 | 1588.7 |
| 77.5° | 3.6    | 4.8    | 5.7    | 6.1    | 6.7    | 8.6    | 19.7   | 667.0  | 1083.0 | 1112.4 |
| 80°   | 1.3    | 3.6    | 4.8    | 5.0    | 5.7    | 6.3    | 13.0   | 365.2  | 628.2  | 640.8  |
| 82.5° | 0.0    | 2.3    | 3.8    | 3.6    | 4.0    | 4.8    | 8.4    | 173.7  | 414.7  | 419.3  |
| 85°   | 0.0    | 1.0    | 2.9    | 2.3    | 1.7    | 3.4    | 2.9    | 38.0   | 217.5  | 226.5  |
| 87.5° | 0.0    | 0.0    | 0.2    | 1.0    | 0.8    | 1.3    | 0.4    | 0.2    | 19.7   | 25.0   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)