

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: P955110

Luminaire Tested: **GLAN-SB8A-930-U-SLR-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P955110  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2411-289-9)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/21/2025  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SB8A-930-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(8) 90 CRI, 3000K, 350mA LIGHTSQUARES WITH 26 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: -

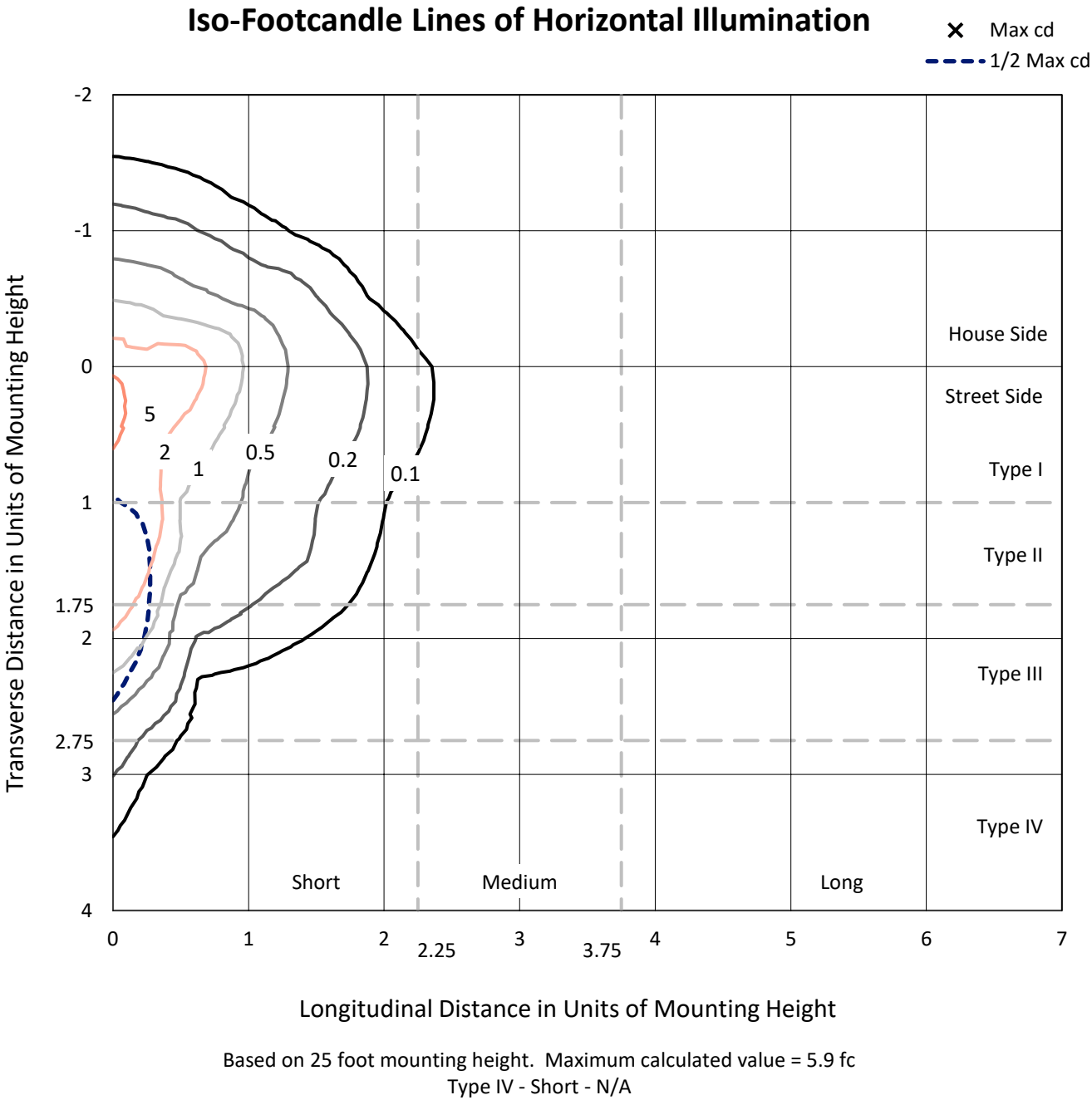
### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 19258 lumens  
Efficiency: N/A  
Efficacy: 84.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G4

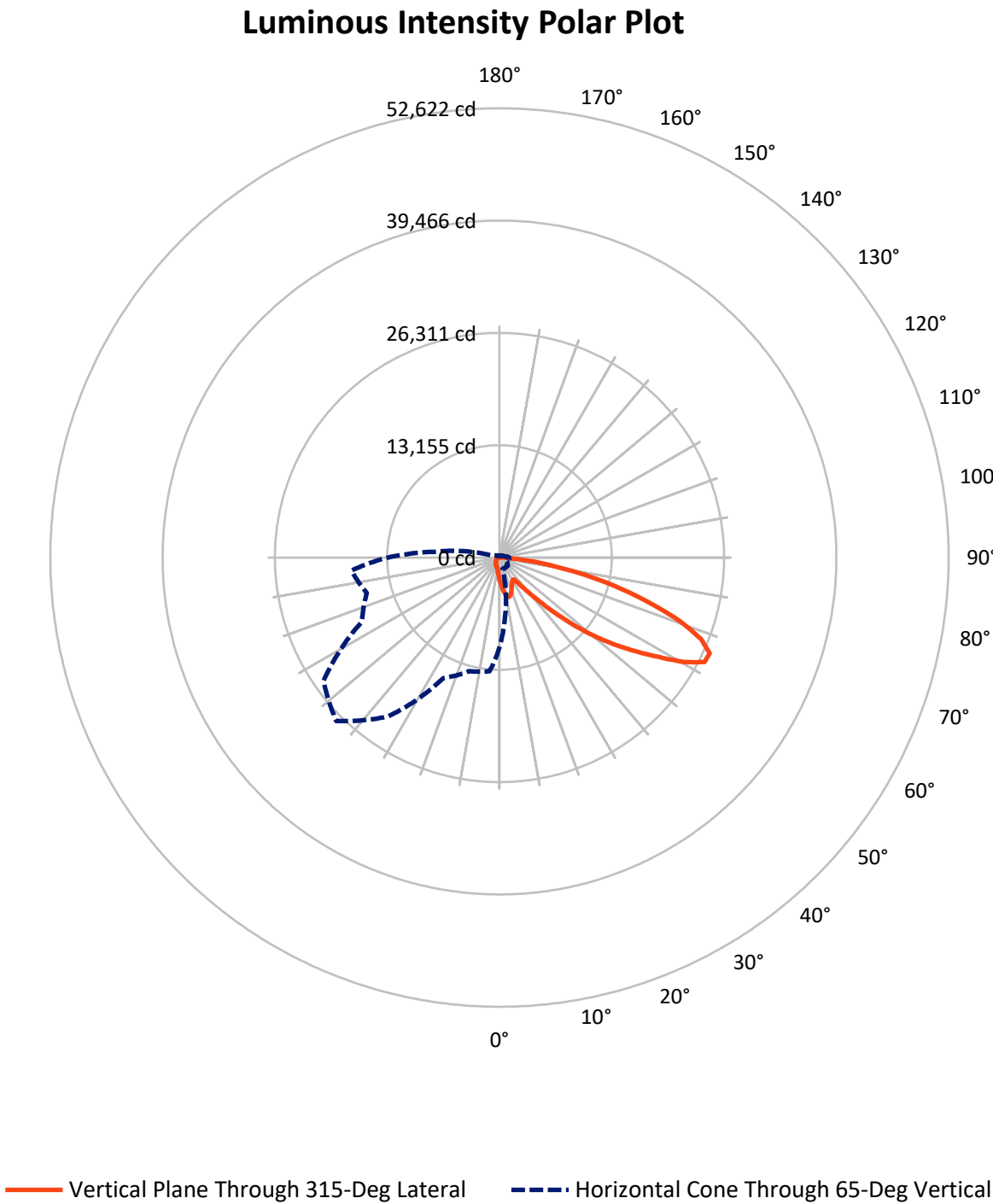
Input Watts (W): 227.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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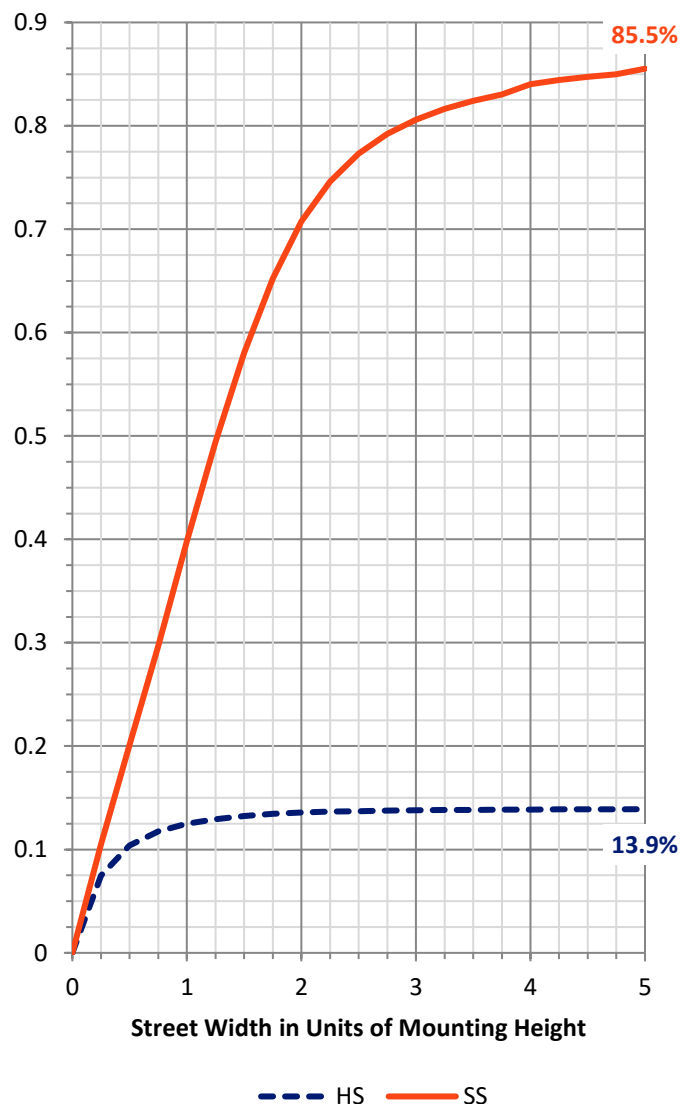
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2696.9   | 0.0    | 2696.9  |
|                    | % Fixture | 14.0     | 0.0    | 14.0    |
| <b>Street Side</b> | Lumens    | 16561.1  | 0.0    | 16561.1 |
|                    | % Fixture | 86.0     | 0.0    | 86.0    |
| <b>Total</b>       | Lumens    | 19258.0  | 0.0    | 19258.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 262.5   | 1.4       |
| 10°-20°   | 787.0   | 4.1       |
| 20°-30°   | 1159.4  | 6.0       |
| 30°-40°   | 1489.5  | 7.7       |
| 40°-50°   | 2409.0  | 12.5      |
| 50°-60°   | 4224.5  | 21.9      |
| 60°-70°   | 5286.0  | 27.4      |
| 70°-80°   | 3088.9  | 16.0      |
| 80°-90°   | 551.1   | 2.9       |
| 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°    | 19258.0 | 100.0     |
| 0°-180°   | 19258.0 | 100.0     |

**Coefficient of Utilization**



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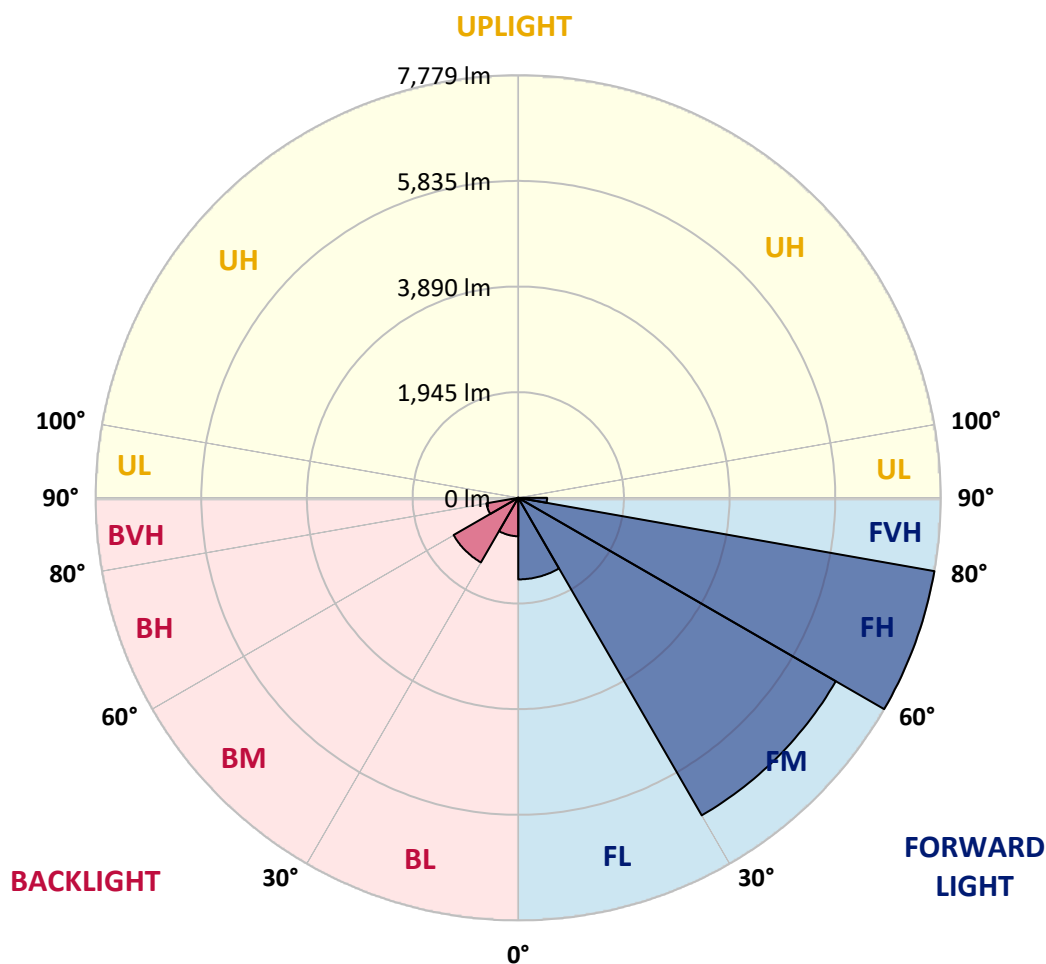
CATALOG NUMBER: GLAN-SB8A-930-U-SLR-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|--------|-----------|-------------------------|------|----------|
|      |             |        |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1502.1 | 7.8       |                         |      |          |
| FM   | (30°-60°)   | 6749.7 | 35.0      |                         |      |          |
| FH   | (60°-80°)   | 7779.4 | 40.4      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 529.9  | 2.8       |                         |      | G4/750   |
| BL   | (0°-30°)    | 706.9  | 3.7       | B2/1000                 |      |          |
| BM   | (30°-60°)   | 1373.3 | 7.1       | B2/2500                 |      |          |
| BH   | (60°-80°)   | 595.5  | 3.1       | B2/1000                 |      | G2/1000  |
| BVH  | (80°-90°)   | 21.2   | 0.1       |                         |      | G1/100   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |          |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |          |

**BUG Rating: B2-U0-G4**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2666.6  | 2666.6  | 2666.6 | 2666.6 | 2666.6 | 2666.6 | 2666.6 | 2666.6 | 2666.6 | 2666.6 |
| 2.5°  | 3012.9  | 2961.1  | 2930.6 | 2855.0 | 2779.4 | 2718.4 | 2636.1 | 2581.7 | 2516.7 | 2454.3 |
| 5°    | 3357.8  | 3274.2  | 3173.4 | 3035.4 | 2909.4 | 2780.7 | 2656.0 | 2532.6 | 2402.6 | 2283.2 |
| 7.5°  | 3649.7  | 3529.0  | 3351.2 | 3168.1 | 3007.6 | 2852.4 | 2706.4 | 2543.2 | 2385.4 | 2198.3 |
| 10°   | 3872.6  | 3718.7  | 3485.2 | 3245.0 | 3060.6 | 2904.1 | 2762.1 | 2624.2 | 2465.0 | 2239.4 |
| 12.5° | 4007.9  | 3843.4  | 3566.1 | 3284.8 | 3073.9 | 2898.8 | 2788.7 | 2727.6 | 2665.3 | 2441.1 |
| 15°   | 4107.4  | 3929.6  | 3623.1 | 3312.7 | 3043.4 | 2828.5 | 2747.5 | 2808.6 | 2880.2 | 2736.9 |
| 17.5° | 4210.9  | 4023.8  | 3697.4 | 3324.6 | 2961.1 | 2691.8 | 2657.3 | 2815.2 | 2981.0 | 2974.4 |
| 20°   | 4309.0  | 4123.3  | 3762.5 | 3316.7 | 2828.5 | 2526.0 | 2556.5 | 2758.2 | 2950.5 | 3031.5 |
| 22.5° | 4421.8  | 4225.5  | 3824.8 | 3286.2 | 2656.0 | 2370.8 | 2466.3 | 2667.9 | 2836.4 | 2932.0 |
| 25°   | 4559.8  | 4354.1  | 3912.4 | 3241.1 | 2470.3 | 2242.1 | 2374.7 | 2563.1 | 2699.8 | 2766.1 |
| 27.5° | 4708.4  | 4508.0  | 4029.1 | 3217.2 | 2320.4 | 2150.5 | 2271.3 | 2438.4 | 2560.5 | 2606.9 |
| 30°   | 4892.8  | 4687.1  | 4167.1 | 3190.7 | 2222.2 | 2097.5 | 2163.8 | 2293.8 | 2413.2 | 2459.7 |
| 32.5° | 5094.4  | 4886.1  | 4299.8 | 3127.0 | 2162.5 | 2057.7 | 2059.0 | 2141.3 | 2250.0 | 2305.8 |
| 35°   | 5346.5  | 5124.9  | 4441.7 | 2987.7 | 2114.7 | 2011.2 | 1956.8 | 1996.6 | 2086.9 | 2153.2 |
| 37.5° | 5706.0  | 5438.0  | 4615.5 | 2788.7 | 2044.4 | 1939.6 | 1849.4 | 1858.7 | 1927.7 | 2000.6 |
| 40°   | 6202.2  | 5858.6  | 4819.8 | 2581.7 | 1943.6 | 1838.8 | 1731.3 | 1727.3 | 1777.7 | 1849.4 |
| 42.5° | 6873.5  | 6414.5  | 5065.2 | 2384.0 | 1846.7 | 1716.7 | 1606.6 | 1600.0 | 1639.8 | 1702.1 |
| 45°   | 7759.7  | 7125.6  | 5366.4 | 2214.2 | 1771.1 | 1597.3 | 1488.5 | 1485.9 | 1519.0 | 1573.4 |
| 47.5° | 8894.0  | 8113.9  | 5667.6 | 2098.8 | 1731.3 | 1503.1 | 1391.7 | 1397.0 | 1426.2 | 1475.3 |
| 50°   | 10362.7 | 9402.1  | 5759.1 | 2040.4 | 1731.3 | 1452.7 | 1305.4 | 1332.0 | 1355.9 | 1393.0 |
| 52.5° | 12123.2 | 10638.6 | 5456.6 | 1987.4 | 1741.9 | 1459.3 | 1232.5 | 1289.5 | 1306.8 | 1338.6 |
| 55°   | 13755.0 | 11244.9 | 4691.1 | 1914.4 | 1744.6 | 1500.5 | 1170.1 | 1255.0 | 1286.9 | 1298.8 |
| 57.5° | 14702.2 | 11036.6 | 3793.0 | 1791.0 | 1734.0 | 1528.3 | 1130.3 | 1212.6 | 1273.6 | 1281.6 |
| 60°   | 14521.8 | 10305.6 | 2792.7 | 1696.8 | 1655.7 | 1517.7 | 1118.4 | 1147.6 | 1244.4 | 1256.4 |
| 62.5° | 13131.4 | 9079.8  | 1938.3 | 1623.9 | 1483.2 | 1471.3 | 1114.4 | 1045.4 | 1180.7 | 1209.9 |
| 65°   | 10555.0 | 7148.1  | 1369.1 | 1398.3 | 1300.1 | 1370.5 | 1093.2 | 939.3  | 1103.8 | 1143.6 |
| 67.5° | 7657.6  | 4837.1  | 988.4  | 1133.0 | 1178.1 | 1207.3 | 1045.4 | 862.3  | 1016.2 | 1069.3 |
| 70°   | 4914.0  | 2612.2  | 693.9  | 748.2  | 992.4  | 1025.5 | 963.2  | 793.4  | 927.3  | 988.4  |
| 72.5° | 3493.1  | 1542.9  | 498.8  | 524.0  | 797.3  | 854.4  | 847.7  | 716.4  | 823.9  | 898.2  |
| 75°   | 2410.6  | 850.4   | 337.0  | 374.1  | 578.4  | 693.9  | 654.1  | 615.6  | 697.8  | 773.5  |
| 77.5° | 1511.1  | 380.8   | 201.7  | 260.0  | 379.4  | 545.3  | 448.4  | 476.3  | 543.9  | 614.3  |
| 80°   | 841.1   | 147.3   | 112.8  | 172.5  | 207.0  | 396.7  | 248.1  | 306.5  | 400.7  | 451.1  |
| 82.5° | 183.1   | 18.6    | 50.4   | 74.3   | 80.9   | 230.8  | 131.3  | 177.8  | 252.1  | 248.1  |
| 85°   | 0.0     | 0.0     | 9.3    | 10.6   | 5.3    | 99.5   | 47.8   | 58.4   | 82.3   | 76.9   |
| 87.5° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.7    |
| 90°   | 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):**

| 90°    |       | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2666.6 | 0°    | 2666.6 | 2666.6 | 2666.6 | 2666.6 | 2666.6 | 2666.6 | 2666.6 | 2666.6 | 2666.6 | 2666.6 |
| 2398.6 | 2.5°  | 2388.0 | 2323.0 | 2275.2 | 2251.4 | 2231.5 | 2250.0 | 2260.7 | 2260.7 | 2305.8 | 2332.3 |
| 2210.2 | 5°    | 2163.8 | 2047.1 | 1958.2 | 1898.5 | 1862.7 | 1874.6 | 1887.9 | 1902.5 | 1959.5 | 1998.0 |
| 2098.8 | 7.5°  | 2008.6 | 1829.5 | 1694.2 | 1610.6 | 1566.8 | 1573.4 | 1582.7 | 1594.7 | 1650.4 | 1688.9 |
| 2114.7 | 10°   | 1979.4 | 1722.0 | 1531.0 | 1420.9 | 1367.8 | 1358.5 | 1353.2 | 1349.2 | 1382.4 | 1411.6 |
| 2295.1 | 12.5° | 2098.8 | 1727.3 | 1460.7 | 1326.7 | 1261.7 | 1233.8 | 1202.0 | 1176.8 | 1182.1 | 1200.6 |
| 2568.4 | 15°   | 2312.4 | 1795.0 | 1438.1 | 1277.6 | 1196.7 | 1150.2 | 1113.1 | 1082.6 | 1075.9 | 1082.6 |
| 2807.2 | 17.5° | 2556.5 | 1886.5 | 1435.5 | 1235.1 | 1134.3 | 1086.5 | 1056.0 | 1028.2 | 1018.9 | 1020.2 |
| 2941.2 | 20°   | 2718.4 | 1959.5 | 1427.5 | 1187.4 | 1074.6 | 1032.2 | 1005.6 | 977.8  | 968.5  | 971.1  |
| 2904.1 | 22.5° | 2734.3 | 1998.0 | 1415.6 | 1134.3 | 1014.9 | 979.1  | 952.6  | 927.3  | 926.0  | 926.0  |
| 2764.8 | 25°   | 2648.0 | 1998.0 | 1390.4 | 1086.5 | 957.9  | 926.0  | 902.1  | 871.6  | 876.9  | 879.6  |
| 2606.9 | 27.5° | 2514.0 | 1950.2 | 1342.6 | 1048.1 | 908.8  | 875.6  | 851.7  | 823.9  | 830.5  | 834.5  |
| 2459.7 | 30°   | 2381.4 | 1889.2 | 1285.5 | 1004.3 | 862.3  | 823.9  | 806.6  | 782.7  | 785.4  | 790.7  |
| 2313.7 | 32.5° | 2258.0 | 1824.2 | 1217.9 | 968.5  | 815.9  | 777.4  | 764.2  | 737.6  | 741.6  | 746.9  |
| 2170.4 | 35°   | 2135.9 | 1752.5 | 1138.3 | 926.0  | 773.5  | 735.0  | 724.4  | 693.9  | 696.5  | 704.5  |
| 2027.2 | 37.5° | 2004.6 | 1676.9 | 1073.3 | 883.6  | 732.3  | 692.5  | 681.9  | 650.1  | 652.7  | 662.0  |
| 1878.6 | 40°   | 1866.6 | 1602.6 | 1009.6 | 838.5  | 688.5  | 648.7  | 639.5  | 605.0  | 607.6  | 618.2  |
| 1732.6 | 42.5° | 1727.3 | 1521.7 | 960.5  | 780.1  | 643.4  | 601.0  | 591.7  | 559.9  | 563.8  | 575.8  |
| 1605.3 | 45°   | 1598.6 | 1424.8 | 928.7  | 715.1  | 601.0  | 553.2  | 543.9  | 514.7  | 522.7  | 536.0  |
| 1497.8 | 47.5° | 1488.5 | 1325.3 | 915.4  | 660.7  | 555.9  | 504.1  | 496.2  | 472.3  | 485.6  | 500.2  |
| 1406.3 | 50°   | 1394.3 | 1229.8 | 898.2  | 605.0  | 513.4  | 461.7  | 453.7  | 437.8  | 455.0  | 469.6  |
| 1343.9 | 52.5° | 1326.7 | 1121.0 | 861.0  | 554.6  | 476.3  | 425.9  | 423.2  | 415.2  | 431.2  | 444.4  |
| 1297.5 | 55°   | 1268.3 | 1008.3 | 801.3  | 510.8  | 443.1  | 395.3  | 398.0  | 394.0  | 407.3  | 417.9  |
| 1269.6 | 57.5° | 1215.2 | 910.1  | 725.7  | 476.3  | 407.3  | 368.8  | 376.8  | 371.5  | 378.1  | 384.7  |
| 1240.4 | 60°   | 1151.6 | 810.6  | 635.5  | 437.8  | 364.8  | 342.3  | 351.6  | 337.0  | 335.6  | 338.3  |
| 1187.4 | 62.5° | 1057.4 | 676.6  | 541.3  | 390.0  | 327.7  | 313.1  | 317.1  | 289.2  | 268.0  | 268.0  |
| 1109.1 | 65°   | 926.0  | 543.9  | 453.7  | 337.0  | 285.2  | 273.3  | 270.6  | 230.8  | 201.7  | 199.0  |
| 1024.2 | 67.5° | 773.5  | 447.1  | 376.8  | 283.9  | 237.5  | 229.5  | 232.2  | 203.0  | 173.8  | 171.1  |
| 939.3  | 70°   | 630.2  | 370.1  | 303.8  | 226.9  | 183.1  | 191.0  | 203.0  | 173.8  | 145.9  | 142.0  |
| 839.8  | 72.5° | 512.1  | 294.5  | 237.5  | 173.8  | 135.3  | 157.9  | 172.5  | 142.0  | 115.4  | 112.8  |
| 716.4  | 75°   | 395.3  | 216.2  | 169.8  | 118.1  | 98.2   | 122.1  | 135.3  | 103.5  | 82.3   | 78.3   |
| 554.6  | 77.5° | 264.0  | 134.0  | 95.5   | 74.3   | 58.4   | 83.6   | 90.2   | 54.4   | 47.8   | 46.4   |
| 403.3  | 80°   | 160.5  | 62.4   | 41.1   | 35.8   | 19.9   | 30.5   | 35.8   | 22.6   | 25.2   | 26.5   |
| 214.9  | 82.5° | 80.9   | 17.2   | 6.6    | 1.3    | 0.0    | 0.0    | 10.6   | 5.3    | 10.6   | 13.3   |
| 58.4   | 85°   | 6.6    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.7    | 6.6    |
| 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    |

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**CANDELA DISTRIBUTION (continued):**

| 185°   |       | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°    | 275°    |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 2666.6 | 0°    | 2666.6 | 2666.6 | 2666.6 | 2666.6 | 2666.6 | 2666.6 | 2666.6 | 2666.6 | 2666.6  | 2666.6  |
| 2342.9 | 2.5°  | 2417.2 | 2472.9 | 2526.0 | 2610.9 | 2698.5 | 2784.7 | 2872.3 | 2957.2 | 2987.7  | 3010.2  |
| 2023.2 | 5°    | 2138.6 | 2243.4 | 2365.5 | 2533.9 | 2714.4 | 2900.1 | 3088.5 | 3261.0 | 3339.2  | 3392.3  |
| 1722.0 | 7.5°  | 1850.7 | 1987.4 | 2162.5 | 2415.9 | 2698.5 | 2994.3 | 3290.2 | 3562.1 | 3688.2  | 3790.3  |
| 1438.1 | 10°   | 1565.5 | 1714.1 | 1935.6 | 2224.8 | 2606.9 | 3031.5 | 3440.1 | 3814.2 | 3977.4  | 4106.1  |
| 1233.8 | 12.5° | 1314.7 | 1454.0 | 1686.2 | 2005.9 | 2463.6 | 3002.3 | 3526.3 | 3976.0 | 4168.4  | 4313.0  |
| 1087.9 | 15°   | 1138.3 | 1236.5 | 1442.1 | 1787.0 | 2293.8 | 2908.1 | 3531.6 | 4053.0 | 4263.9  | 4415.2  |
| 1026.8 | 17.5° | 1040.1 | 1073.3 | 1207.3 | 1564.1 | 2105.4 | 2784.7 | 3482.5 | 4079.5 | 4305.1  | 4445.7  |
| 972.5  | 20°   | 987.0  | 992.4  | 1029.5 | 1274.9 | 1864.0 | 2669.3 | 3436.1 | 4106.1 | 4343.5  | 4461.6  |
| 934.0  | 22.5° | 944.6  | 944.6  | 953.9  | 1042.8 | 1552.2 | 2531.3 | 3421.5 | 4152.5 | 4396.6  | 4469.6  |
| 890.2  | 25°   | 906.1  | 906.1  | 908.8  | 932.7  | 1229.8 | 2320.4 | 3412.2 | 4224.1 | 4469.6  | 4489.5  |
| 846.4  | 27.5° | 866.3  | 867.6  | 867.6  | 880.9  | 991.0  | 2033.8 | 3372.4 | 4317.0 | 4557.1  | 4516.0  |
| 804.0  | 30°   | 826.5  | 829.2  | 829.2  | 838.5  | 876.9  | 1698.1 | 3294.1 | 4428.4 | 4671.2  | 4550.5  |
| 761.5  | 32.5° | 786.7  | 789.4  | 789.4  | 797.3  | 825.2  | 1355.9 | 3196.0 | 4530.6 | 4786.6  | 4565.1  |
| 720.4  | 35°   | 745.6  | 749.6  | 746.9  | 757.5  | 786.7  | 1078.6 | 3071.3 | 4632.7 | 4911.4  | 4611.5  |
| 680.6  | 37.5° | 704.5  | 707.1  | 705.8  | 716.4  | 749.6  | 931.3  | 2926.6 | 4709.7 | 5081.2  | 4715.0  |
| 638.1  | 40°   | 663.3  | 662.0  | 662.0  | 674.0  | 709.8  | 888.9  | 2744.9 | 4831.8 | 5325.3  | 4896.8  |
| 595.7  | 42.5° | 620.9  | 620.9  | 618.2  | 631.5  | 675.3  | 857.0  | 2571.1 | 5050.7 | 5680.8  | 5186.0  |
| 555.9  | 45°   | 582.4  | 581.1  | 575.8  | 587.7  | 642.1  | 801.3  | 2510.1 | 5459.3 | 6206.2  | 5654.3  |
| 516.1  | 47.5° | 545.3  | 543.9  | 530.7  | 541.3  | 602.3  | 750.9  | 2738.3 | 6127.9 | 6934.5  | 6342.8  |
| 484.2  | 50°   | 512.1  | 513.4  | 488.2  | 497.5  | 562.5  | 712.4  | 3233.1 | 6995.6 | 7901.7  | 7270.2  |
| 457.7  | 52.5° | 481.6  | 481.6  | 448.4  | 453.7  | 513.4  | 677.9  | 3704.1 | 7936.2 | 9177.9  | 8563.7  |
| 429.8  | 55°   | 451.1  | 448.4  | 411.3  | 413.9  | 464.3  | 628.8  | 3774.4 | 8854.2 | 10918.5 | 10509.9 |
| 399.3  | 57.5° | 416.6  | 411.3  | 376.8  | 376.8  | 419.2  | 593.0  | 3271.6 | 9560.0 | 13078.4 | 13370.2 |
| 342.3  | 60°   | 374.1  | 370.1  | 347.6  | 341.0  | 383.4  | 624.9  | 2308.4 | 9642.3 | 14471.4 | 17173.8 |
| 272.0  | 62.5° | 319.7  | 325.0  | 313.1  | 303.8  | 348.9  | 648.7  | 1367.8 | 8980.3 | 14134.4 | 18383.7 |
| 210.9  | 65°   | 252.1  | 273.3  | 270.6  | 264.0  | 383.4  | 546.6  | 807.9  | 7709.3 | 13100.9 | 17407.3 |
| 184.4  | 67.5° | 214.9  | 229.5  | 225.5  | 225.5  | 402.0  | 415.2  | 508.1  | 6023.1 | 11678.7 | 16249.1 |
| 153.9  | 70°   | 183.1  | 197.7  | 183.1  | 183.1  | 303.8  | 252.1  | 351.6  | 4205.6 | 10143.8 | 14967.5 |
| 123.4  | 72.5° | 151.2  | 165.8  | 149.9  | 139.3  | 242.8  | 188.4  | 257.4  | 2628.1 | 8687.1  | 13632.9 |
| 87.6   | 75°   | 115.4  | 132.7  | 120.7  | 107.5  | 160.5  | 140.6  | 195.0  | 1527.0 | 7197.2  | 11664.1 |
| 53.1   | 77.5° | 73.0   | 95.5   | 90.2   | 75.6   | 118.1  | 102.2  | 140.6  | 908.8  | 5553.5  | 9114.3  |
| 31.8   | 80°   | 45.1   | 49.1   | 50.4   | 47.8   | 67.7   | 69.0   | 95.5   | 517.4  | 3800.9  | 6352.1  |
| 19.9   | 82.5° | 29.2   | 29.2   | 22.6   | 25.2   | 33.2   | 39.8   | 54.4   | 195.0  | 2234.1  | 3867.3  |
| 11.9   | 85°   | 21.2   | 18.6   | 11.9   | 11.9   | 15.9   | 19.9   | 21.2   | 59.7   | 906.1   | 1527.0  |
| 5.3    | 87.5° | 10.6   | 9.3    | 4.0    | 5.3    | 8.0    | 6.6    | 5.3    | 2.7    | 228.2   | 488.2   |
| 0.0    | 90°   | 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):**

| 285°    |       | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 360°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 2666.6  | 0°    | 2666.6  | 2666.6  | 2666.6  | 2666.6  | 2666.6  | 2666.6  | 2666.6  | 2666.6  |
| 3060.6  | 2.5°  | 3087.2  | 3128.3  | 3131.0  | 3131.0  | 3095.1  | 3093.8  | 3020.8  | 3012.9  |
| 3511.7  | 5°    | 3635.1  | 3661.6  | 3668.3  | 3655.0  | 3583.3  | 3530.3  | 3388.3  | 3357.8  |
| 3972.1  | 7.5°  | 4136.6  | 4189.6  | 4189.6  | 4157.8  | 4041.1  | 3932.3  | 3726.6  | 3649.7  |
| 4352.8  | 10°   | 4537.2  | 4598.3  | 4585.0  | 4520.0  | 4372.7  | 4222.8  | 3973.4  | 3872.6  |
| 4583.7  | 12.5° | 4732.2  | 4794.6  | 4760.1  | 4685.8  | 4542.5  | 4384.7  | 4122.0  | 4007.9  |
| 4650.0  | 15°   | 4728.3  | 4711.0  | 4675.2  | 4665.9  | 4596.9  | 4477.5  | 4232.1  | 4107.4  |
| 4608.9  | 17.5° | 4559.8  | 4413.8  | 4386.0  | 4478.9  | 4566.4  | 4537.2  | 4327.6  | 4210.9  |
| 4510.7  | 20°   | 4293.1  | 4038.4  | 4013.2  | 4191.0  | 4440.4  | 4567.7  | 4416.5  | 4309.0  |
| 4368.7  | 22.5° | 4011.9  | 3737.2  | 3678.9  | 3875.2  | 4250.7  | 4577.0  | 4529.3  | 4421.8  |
| 4212.2  | 25°   | 3745.2  | 3469.3  | 3410.9  | 3594.0  | 4039.7  | 4561.1  | 4651.3  | 4559.8  |
| 4062.3  | 27.5° | 3522.3  | 3255.7  | 3201.3  | 3384.3  | 3836.7  | 4516.0  | 4773.4  | 4708.4  |
| 3913.7  | 30°   | 3349.9  | 3103.1  | 3063.3  | 3239.7  | 3661.6  | 4460.3  | 4928.6  | 4892.8  |
| 3775.7  | 32.5° | 3249.0  | 3068.6  | 3083.2  | 3227.8  | 3567.4  | 4399.3  | 5077.2  | 5094.4  |
| 3708.1  | 35°   | 3348.5  | 3356.5  | 3483.8  | 3543.5  | 3655.0  | 4390.0  | 5278.8  | 5346.5  |
| 3789.0  | 37.5° | 3843.4  | 4119.3  | 4383.3  | 4334.2  | 4083.5  | 4497.4  | 5580.0  | 5706.0  |
| 4141.9  | 40°   | 4685.8  | 5252.3  | 5680.8  | 5493.8  | 4862.3  | 4826.4  | 6013.8  | 6202.2  |
| 4768.1  | 42.5° | 5715.3  | 6675.8  | 7381.6  | 6880.1  | 5866.6  | 5402.2  | 6633.4  | 6873.5  |
| 5525.6  | 45°   | 6801.9  | 8431.0  | 9542.8  | 8500.0  | 6937.2  | 6208.8  | 7571.3  | 7759.7  |
| 6235.4  | 47.5° | 7946.8  | 10564.3 | 12002.4 | 10296.3 | 7929.5  | 7126.9  | 8850.2  | 8894.0  |
| 6908.0  | 50°   | 9199.2  | 12903.2 | 14509.8 | 12091.3 | 8887.4  | 8179.0  | 10413.1 | 10362.7 |
| 7692.1  | 52.5° | 10391.8 | 15308.5 | 16964.2 | 13894.3 | 9728.5  | 9484.4  | 12226.6 | 12123.2 |
| 8764.0  | 55°   | 11530.1 | 17712.4 | 19433.1 | 15626.9 | 10521.9 | 11209.1 | 14381.2 | 13755.0 |
| 10309.6 | 57.5° | 12850.2 | 19873.6 | 21977.7 | 17367.5 | 11631.0 | 13448.5 | 16790.4 | 14702.2 |
| 13269.4 | 60°   | 14801.7 | 22329.3 | 24855.3 | 19752.9 | 13740.4 | 15802.0 | 17654.1 | 14521.8 |
| 16814.3 | 62.5° | 17293.2 | 24587.3 | 26947.4 | 22090.5 | 15859.1 | 16245.1 | 16381.8 | 13131.4 |
| 16091.2 | 65°   | 17777.4 | 25159.1 | 27065.5 | 22715.3 | 15585.8 | 13780.2 | 13374.2 | 10555.0 |
| 14373.2 | 67.5° | 16493.2 | 24125.6 | 25415.1 | 21551.8 | 13786.8 | 10649.2 | 10036.3 | 7657.6  |
| 13245.5 | 70°   | 15052.5 | 22155.5 | 22538.9 | 19573.8 | 12125.8 | 7832.7  | 6778.0  | 4914.0  |
| 12473.4 | 72.5° | 13575.9 | 19527.3 | 18734.0 | 16998.7 | 10657.2 | 5703.4  | 4888.8  | 3493.1  |
| 11373.6 | 75°   | 11822.0 | 16071.3 | 14756.6 | 14123.8 | 8823.7  | 4476.2  | 3536.9  | 2410.6  |
| 9782.9  | 77.5° | 9467.2  | 11312.6 | 10961.0 | 10947.7 | 6630.7  | 3270.3  | 2360.2  | 1511.1  |
| 7643.0  | 80°   | 6678.5  | 7341.8  | 7162.7  | 8245.3  | 4448.3  | 2372.1  | 1420.9  | 841.1   |
| 5320.0  | 82.5° | 3233.1  | 4059.6  | 4167.1  | 4910.0  | 2163.8  | 1395.7  | 327.7   | 183.1   |
| 2080.2  | 85°   | 1265.6  | 1958.2  | 1651.7  | 1864.0  | 607.6   | 388.7   | 8.0     | 0.0     |
| 342.3   | 87.5° | 142.0   | 226.9   | 208.3   | 164.5   | 74.3    | 15.9    | 0.0     | 0.0     |
| 0.0     | 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)