

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: P949986

Luminaire Tested: **GLAN-SB4C-827-U-SLR-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P949986  
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-SB4C-827-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(4) 80 CRI, 2700K, 615mA 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: 19919 lumens  
Efficiency: N/A  
Efficacy: 99.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G4

Input Watts (W): 200.7  
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



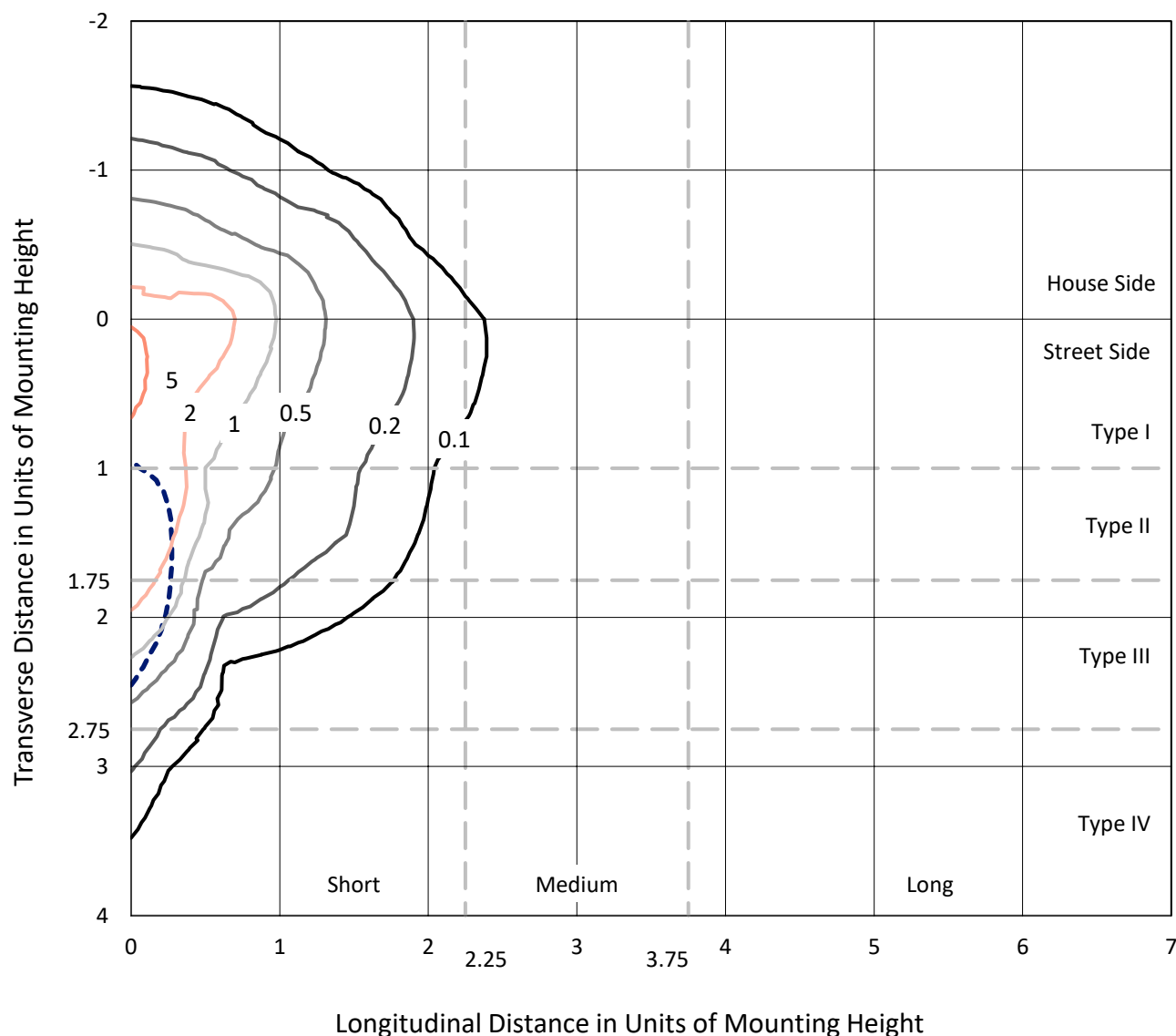
REPORT NUMBER: P949986

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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

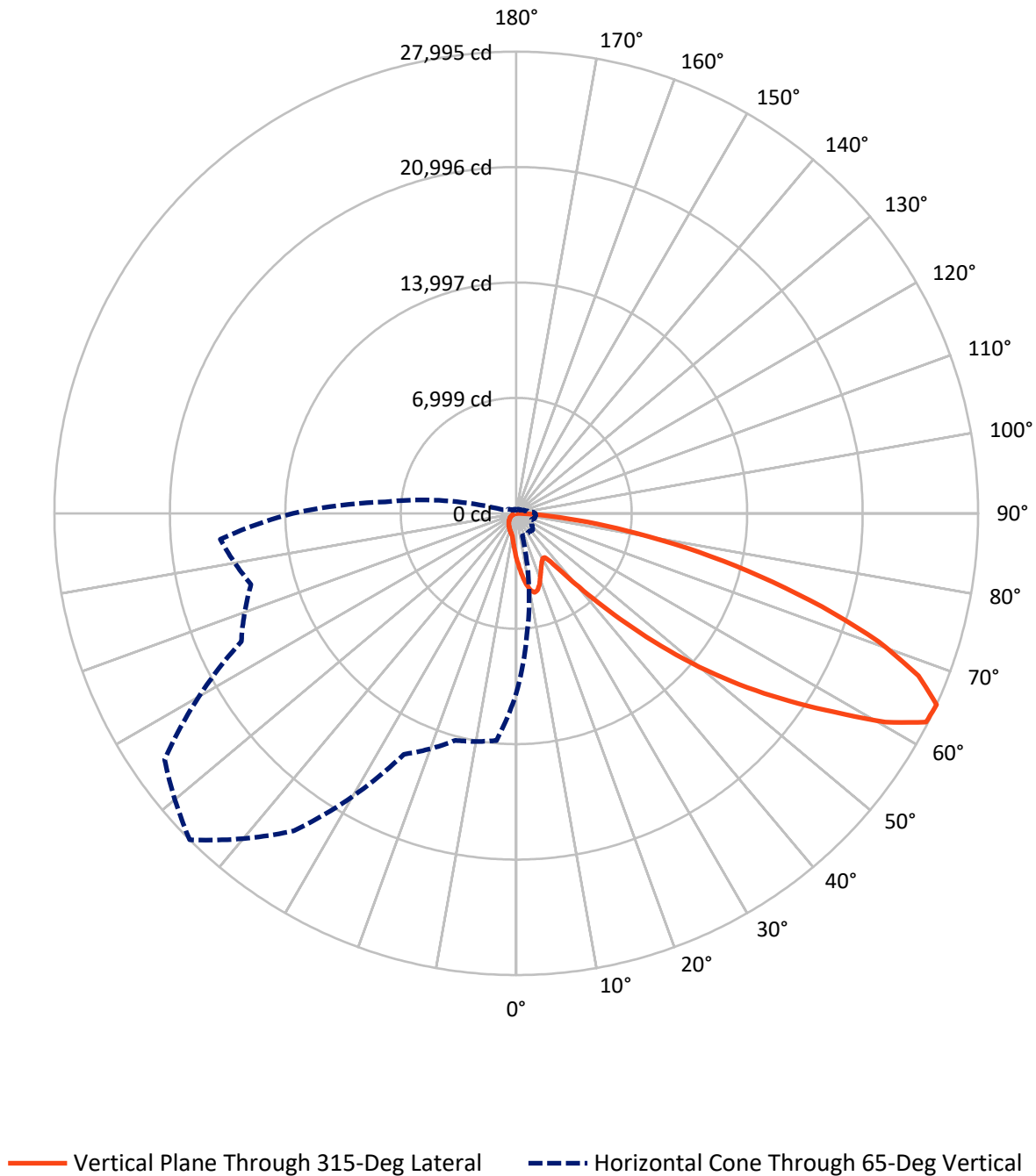


Based on 25 foot mounting height. Maximum calculated value = 6.1 fc

Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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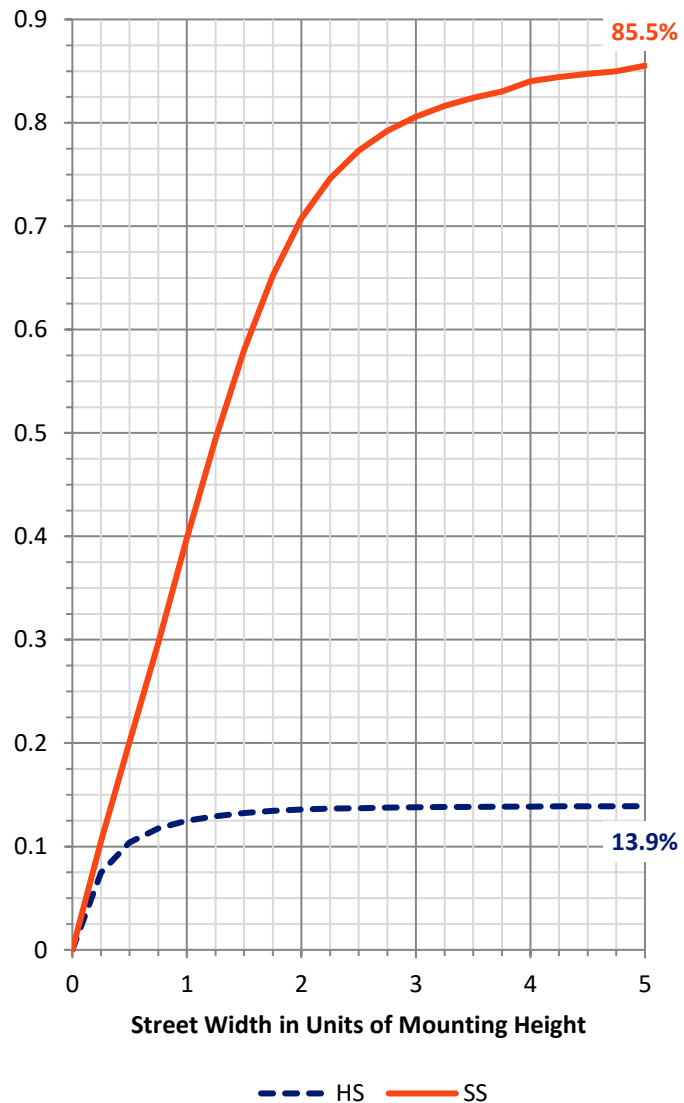
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2789.5   | 0.0    | 2789.5  |
|                    | % Fixture | 14.0     | 0.0    | 14.0    |
| <b>Street Side</b> | Lumens    | 17129.5  | 0.0    | 17129.5 |
|                    | % Fixture | 86.0     | 0.0    | 86.0    |
| <b>Total</b>       | Lumens    | 19919.0  | 0.0    | 19919.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 271.5   | 1.4       |
| 10°-20°   | 814.0   | 4.1       |
| 20°-30°   | 1199.2  | 6.0       |
| 30°-40°   | 1540.7  | 7.7       |
| 40°-50°   | 2491.7  | 12.5      |
| 50°-60°   | 4369.5  | 21.9      |
| 60°-70°   | 5467.4  | 27.4      |
| 70°-80°   | 3194.9  | 16.0      |
| 80°-90°   | 570.0   | 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°    | 19919.0 | 100.0     |
| 0°-180°   | 19919.0 | 100.0     |

**Coefficient of Utilization**



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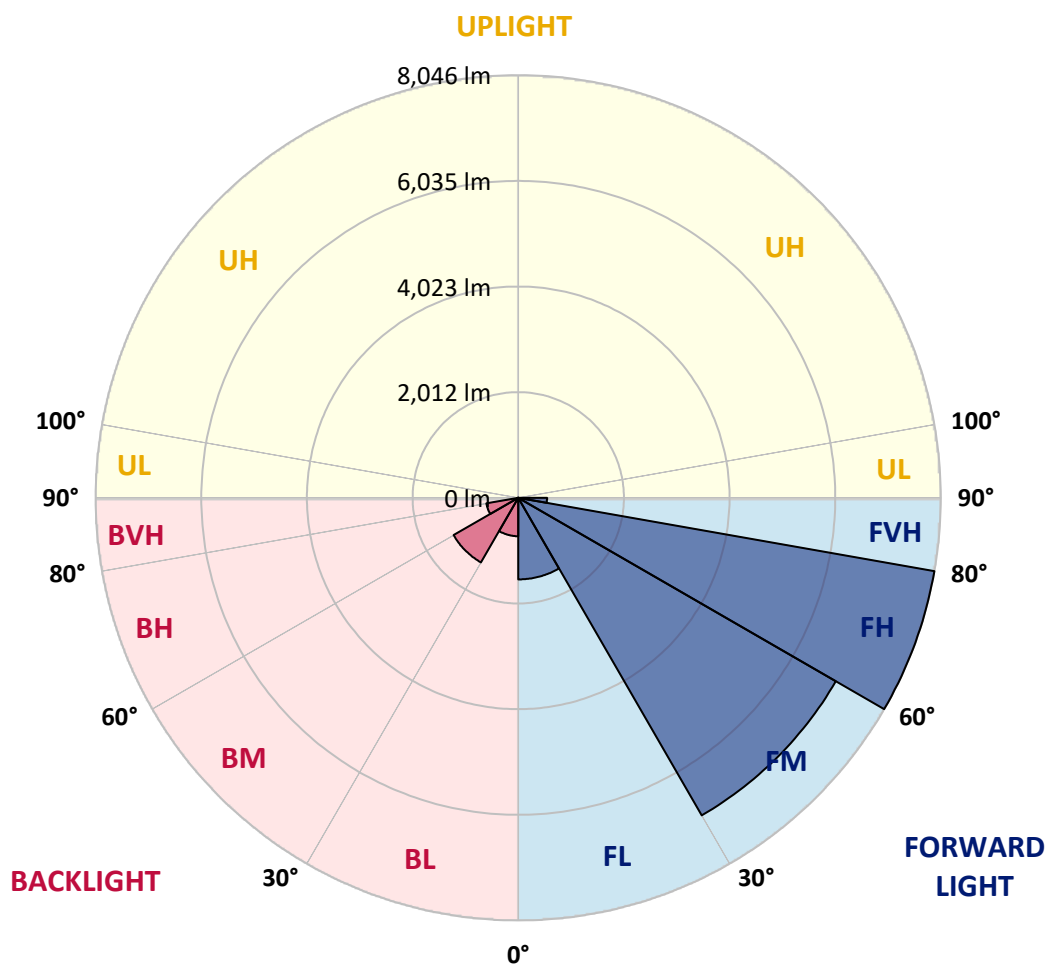
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|--------|-----------|-------------------------|------|----------|
|      |             |        |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1553.6 | 7.8       |                         |      |          |
| FM   | (30°-60°)   | 6981.4 | 35.0      |                         |      |          |
| FH   | (60°-80°)   | 8046.4 | 40.4      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 548.1  | 2.8       |                         |      | G4/750   |
| BL   | (0°-30°)    | 731.2  | 3.7       | B2/1000                 |      |          |
| BM   | (30°-60°)   | 1420.5 | 7.1       | B2/2500                 |      |          |
| BH   | (60°-80°)   | 615.9  | 3.1       | B2/1000                 |      | G2/1000  |
| BVH  | (80°-90°)   | 21.9   | 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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CATALOG NUMBER: GLAN-SB4C-827-U-SLR-HSS

**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 2758.1  | 2758.1  | 2758.1 | 2758.1 | 2758.1 | 2758.1 | 2758.1 | 2758.1 | 2758.1 | 2758.1 |
| 2.5°  | 3116.3  | 3062.8  | 3031.2 | 2953.0 | 2874.8 | 2811.7 | 2726.6 | 2670.3 | 2603.1 | 2538.6 |
| 5°    | 3473.1  | 3386.6  | 3282.3 | 3139.6 | 3009.3 | 2876.2 | 2747.2 | 2619.6 | 2485.1 | 2361.6 |
| 7.5°  | 3775.0  | 3650.1  | 3466.2 | 3276.8 | 3110.8 | 2950.3 | 2799.3 | 2630.5 | 2467.2 | 2273.8 |
| 10°   | 4005.5  | 3846.3  | 3604.8 | 3356.4 | 3165.7 | 3003.8 | 2856.9 | 2714.2 | 2549.6 | 2316.3 |
| 12.5° | 4145.4  | 3975.3  | 3688.5 | 3397.6 | 3179.4 | 2998.3 | 2884.4 | 2821.3 | 2756.8 | 2524.9 |
| 15°   | 4248.4  | 4064.5  | 3747.5 | 3426.4 | 3147.9 | 2925.6 | 2841.8 | 2905.0 | 2979.1 | 2830.9 |
| 17.5° | 4355.4  | 4161.9  | 3824.4 | 3438.8 | 3062.8 | 2784.2 | 2748.5 | 2911.8 | 3083.4 | 3076.5 |
| 20°   | 4456.9  | 4264.8  | 3891.6 | 3430.5 | 2925.6 | 2612.7 | 2644.3 | 2852.8 | 3051.8 | 3135.5 |
| 22.5° | 4573.6  | 4370.5  | 3956.1 | 3399.0 | 2747.2 | 2452.1 | 2550.9 | 2759.5 | 2933.8 | 3032.6 |
| 25°   | 4716.3  | 4503.6  | 4046.7 | 3352.3 | 2555.1 | 2319.0 | 2456.3 | 2651.1 | 2792.4 | 2861.1 |
| 27.5° | 4870.0  | 4662.8  | 4167.4 | 3327.6 | 2400.0 | 2224.4 | 2349.2 | 2522.1 | 2648.4 | 2696.4 |
| 30°   | 5060.7  | 4848.0  | 4310.1 | 3300.2 | 2298.5 | 2169.5 | 2238.1 | 2372.6 | 2496.1 | 2544.1 |
| 32.5° | 5269.3  | 5053.9  | 4447.3 | 3234.3 | 2236.7 | 2128.3 | 2129.7 | 2214.7 | 2327.3 | 2384.9 |
| 35°   | 5530.0  | 5300.9  | 4594.2 | 3090.2 | 2187.3 | 2080.3 | 2024.0 | 2065.2 | 2158.5 | 2227.1 |
| 37.5° | 5901.9  | 5624.7  | 4773.9 | 2884.4 | 2114.6 | 2006.2 | 1912.9 | 1922.5 | 1993.8 | 2069.3 |
| 40°   | 6415.1  | 6059.7  | 4985.2 | 2670.3 | 2010.3 | 1901.9 | 1790.7 | 1786.6 | 1838.8 | 1912.9 |
| 42.5° | 7109.4  | 6634.6  | 5239.1 | 2465.9 | 1910.1 | 1775.6 | 1661.7 | 1654.9 | 1696.1 | 1760.5 |
| 45°   | 8026.1  | 7370.1  | 5550.6 | 2290.2 | 1831.9 | 1652.1 | 1539.6 | 1536.9 | 1571.2 | 1627.4 |
| 47.5° | 9199.3  | 8392.4  | 5862.1 | 2170.8 | 1790.7 | 1554.7 | 1439.4 | 1444.9 | 1475.1 | 1525.9 |
| 50°   | 10718.3 | 9724.9  | 5956.8 | 2110.5 | 1790.7 | 1502.6 | 1350.3 | 1377.7 | 1402.4 | 1440.8 |
| 52.5° | 12539.3 | 11003.8 | 5643.9 | 2055.6 | 1801.7 | 1509.4 | 1274.8 | 1333.8 | 1351.6 | 1384.6 |
| 55°   | 14227.1 | 11630.9 | 4852.1 | 1980.1 | 1804.5 | 1552.0 | 1210.3 | 1298.1 | 1331.0 | 1343.4 |
| 57.5° | 15206.8 | 11415.4 | 3923.2 | 1852.5 | 1793.5 | 1580.8 | 1169.1 | 1254.2 | 1317.3 | 1325.6 |
| 60°   | 15020.2 | 10659.3 | 2888.5 | 1755.1 | 1712.5 | 1569.8 | 1156.8 | 1187.0 | 1287.1 | 1299.5 |
| 62.5° | 13582.1 | 9391.4  | 2004.8 | 1679.6 | 1534.1 | 1521.8 | 1152.7 | 1081.3 | 1221.3 | 1251.5 |
| 65°   | 10917.3 | 7393.5  | 1416.1 | 1446.3 | 1344.8 | 1417.5 | 1130.7 | 971.5  | 1141.7 | 1182.8 |
| 67.5° | 7920.4  | 5003.1  | 1022.3 | 1171.9 | 1218.5 | 1248.7 | 1081.3 | 891.9  | 1051.1 | 1106.0 |
| 70°   | 5082.7  | 2701.9  | 717.7  | 773.9  | 1026.4 | 1060.7 | 996.2  | 820.6  | 959.2  | 1022.3 |
| 72.5° | 3613.0  | 1595.9  | 516.0  | 542.0  | 824.7  | 883.7  | 876.8  | 741.0  | 852.1  | 929.0  |
| 75°   | 2493.3  | 879.6   | 348.5  | 387.0  | 598.3  | 717.7  | 676.5  | 636.7  | 721.8  | 800.0  |
| 77.5° | 1562.9  | 393.8   | 208.6  | 269.0  | 392.5  | 564.0  | 463.8  | 492.6  | 562.6  | 635.3  |
| 80°   | 870.0   | 152.3   | 116.6  | 178.4  | 214.1  | 410.3  | 256.6  | 317.0  | 414.4  | 466.6  |
| 82.5° | 189.4   | 19.2    | 52.1   | 76.8   | 83.7   | 238.8  | 135.8  | 183.9  | 260.7  | 256.6  |
| 85°   | 0.0     | 0.0     | 9.6    | 11.0   | 5.5    | 102.9  | 49.4   | 60.4   | 85.1   | 79.6   |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 2758.1 | 0°    | 2758.1 | 2758.1 | 2758.1 | 2758.1 | 2758.1 | 2758.1 | 2758.1 | 2758.1 | 2758.1 | 2758.1 |
| 2481.0 | 2.5°  | 2470.0 | 2402.7 | 2353.3 | 2328.6 | 2308.1 | 2327.3 | 2338.2 | 2338.2 | 2384.9 | 2412.3 |
| 2286.1 | 5°    | 2238.1 | 2117.3 | 2025.4 | 1963.6 | 1926.6 | 1938.9 | 1952.7 | 1967.8 | 2026.8 | 2066.5 |
| 2170.8 | 7.5°  | 2077.5 | 1892.3 | 1752.3 | 1665.9 | 1620.6 | 1627.4 | 1637.0 | 1649.4 | 1707.0 | 1746.8 |
| 2187.3 | 10°   | 2047.3 | 1781.1 | 1583.5 | 1469.6 | 1414.7 | 1405.1 | 1399.7 | 1395.5 | 1429.8 | 1460.0 |
| 2373.9 | 12.5° | 2170.8 | 1786.6 | 1510.8 | 1372.2 | 1305.0 | 1276.2 | 1243.2 | 1217.2 | 1222.6 | 1241.9 |
| 2656.6 | 15°   | 2391.8 | 1856.6 | 1487.5 | 1321.4 | 1237.7 | 1189.7 | 1151.3 | 1119.7 | 1112.9 | 1119.7 |
| 2903.6 | 17.5° | 2644.3 | 1951.3 | 1484.7 | 1277.5 | 1173.2 | 1123.8 | 1092.3 | 1063.5 | 1053.9 | 1055.2 |
| 3042.2 | 20°   | 2811.7 | 2026.8 | 1476.5 | 1228.1 | 1111.5 | 1067.6 | 1040.1 | 1011.3 | 1001.7 | 1004.5 |
| 3003.8 | 22.5° | 2828.1 | 2066.5 | 1464.1 | 1173.2 | 1049.7 | 1012.7 | 985.2  | 959.2  | 957.8  | 957.8  |
| 2859.7 | 25°   | 2738.9 | 2066.5 | 1438.1 | 1123.8 | 990.7  | 957.8  | 933.1  | 901.5  | 907.0  | 909.8  |
| 2696.4 | 27.5° | 2600.3 | 2017.2 | 1388.7 | 1084.0 | 940.0  | 905.7  | 881.0  | 852.1  | 859.0  | 863.1  |
| 2544.1 | 30°   | 2463.1 | 1954.0 | 1329.7 | 1038.8 | 891.9  | 852.1  | 834.3  | 809.6  | 812.3  | 817.8  |
| 2393.1 | 32.5° | 2335.5 | 1886.8 | 1259.7 | 1001.7 | 843.9  | 804.1  | 790.4  | 762.9  | 767.1  | 772.6  |
| 2244.9 | 35°   | 2209.3 | 1812.7 | 1177.4 | 957.8  | 800.0  | 760.2  | 749.2  | 717.7  | 720.4  | 728.6  |
| 2096.7 | 37.5° | 2073.4 | 1734.5 | 1110.1 | 913.9  | 757.5  | 716.3  | 705.3  | 672.4  | 675.1  | 684.7  |
| 1943.1 | 40°   | 1930.7 | 1657.6 | 1044.3 | 867.2  | 712.2  | 671.0  | 661.4  | 625.7  | 628.5  | 639.5  |
| 1792.1 | 42.5° | 1786.6 | 1573.9 | 993.5  | 806.9  | 665.5  | 621.6  | 612.0  | 579.1  | 583.2  | 595.5  |
| 1660.4 | 45°   | 1653.5 | 1473.8 | 960.5  | 739.6  | 621.6  | 572.2  | 562.6  | 532.4  | 540.7  | 554.4  |
| 1549.2 | 47.5° | 1539.6 | 1370.8 | 946.8  | 683.4  | 575.0  | 521.4  | 513.2  | 488.5  | 502.2  | 517.3  |
| 1454.5 | 50°   | 1442.2 | 1272.0 | 929.0  | 625.7  | 531.0  | 477.5  | 469.3  | 452.8  | 470.7  | 485.8  |
| 1390.0 | 52.5° | 1372.2 | 1159.5 | 890.6  | 573.6  | 492.6  | 440.5  | 437.7  | 429.5  | 446.0  | 459.7  |
| 1342.0 | 55°   | 1311.8 | 1042.9 | 828.8  | 528.3  | 458.3  | 408.9  | 411.7  | 407.5  | 421.3  | 432.2  |
| 1313.2 | 57.5° | 1256.9 | 941.3  | 750.6  | 492.6  | 421.3  | 381.5  | 389.7  | 384.2  | 391.1  | 397.9  |
| 1283.0 | 60°   | 1191.1 | 838.4  | 657.3  | 452.8  | 377.4  | 354.0  | 363.6  | 348.5  | 347.2  | 349.9  |
| 1228.1 | 62.5° | 1093.7 | 699.8  | 559.9  | 403.4  | 338.9  | 323.8  | 328.0  | 299.1  | 277.2  | 277.2  |
| 1147.2 | 65°   | 957.8  | 562.6  | 469.3  | 348.5  | 295.0  | 282.7  | 279.9  | 238.8  | 208.6  | 205.8  |
| 1059.3 | 67.5° | 800.0  | 462.4  | 389.7  | 293.7  | 245.6  | 237.4  | 240.1  | 209.9  | 179.8  | 177.0  |
| 971.5  | 70°   | 651.8  | 382.8  | 314.2  | 234.6  | 189.4  | 197.6  | 209.9  | 179.8  | 150.9  | 146.8  |
| 868.6  | 72.5° | 529.7  | 304.6  | 245.6  | 179.8  | 140.0  | 163.3  | 178.4  | 146.8  | 119.4  | 116.6  |
| 741.0  | 75°   | 408.9  | 223.7  | 175.6  | 122.1  | 101.5  | 126.2  | 140.0  | 107.0  | 85.1   | 81.0   |
| 573.6  | 77.5° | 273.1  | 138.6  | 98.8   | 76.8   | 60.4   | 86.4   | 93.3   | 56.3   | 49.4   | 48.0   |
| 417.2  | 80°   | 166.0  | 64.5   | 42.5   | 37.0   | 20.6   | 31.6   | 37.0   | 23.3   | 26.1   | 27.4   |
| 222.3  | 82.5° | 83.7   | 17.8   | 6.9    | 1.4    | 0.0    | 0.0    | 11.0   | 5.5    | 11.0   | 13.7   |
| 60.4   | 85°   | 6.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.7    | 6.9    |
| 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°    |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 2758.1 | 0°    | 2758.1 | 2758.1 | 2758.1 | 2758.1 | 2758.1 | 2758.1 | 2758.1 | 2758.1 | 2758.1  | 2758.1  |
| 2423.3 | 2.5°  | 2500.2 | 2557.8 | 2612.7 | 2700.5 | 2791.1 | 2880.3 | 2970.8 | 3058.7 | 3090.2  | 3113.5  |
| 2092.6 | 5°    | 2212.0 | 2320.4 | 2446.7 | 2620.9 | 2807.5 | 2999.7 | 3194.5 | 3372.9 | 3453.9  | 3508.7  |
| 1781.1 | 7.5°  | 1914.2 | 2055.6 | 2236.7 | 2498.8 | 2791.1 | 3097.1 | 3403.1 | 3684.4 | 3814.7  | 3920.4  |
| 1487.5 | 10°   | 1619.2 | 1772.9 | 2002.1 | 2301.2 | 2696.4 | 3135.5 | 3558.1 | 3945.1 | 4113.9  | 4247.0  |
| 1276.2 | 12.5° | 1359.9 | 1503.9 | 1744.1 | 2074.8 | 2548.2 | 3105.3 | 3647.3 | 4112.5 | 4311.5  | 4461.1  |
| 1125.2 | 15°   | 1177.4 | 1278.9 | 1491.6 | 1848.4 | 2372.6 | 3007.9 | 3652.8 | 4192.1 | 4410.3  | 4566.7  |
| 1062.1 | 17.5° | 1075.8 | 1110.1 | 1248.7 | 1617.8 | 2177.7 | 2880.3 | 3602.1 | 4219.5 | 4452.8  | 4598.3  |
| 1005.8 | 20°   | 1020.9 | 1026.4 | 1064.8 | 1318.7 | 1928.0 | 2760.9 | 3554.0 | 4247.0 | 4492.6  | 4614.7  |
| 966.0  | 22.5° | 977.0  | 977.0  | 986.6  | 1078.6 | 1605.5 | 2618.2 | 3538.9 | 4295.0 | 4547.5  | 4623.0  |
| 920.8  | 25°   | 937.2  | 937.2  | 940.0  | 964.7  | 1272.0 | 2400.0 | 3529.3 | 4369.1 | 4623.0  | 4643.6  |
| 875.5  | 27.5° | 896.1  | 897.4  | 897.4  | 911.1  | 1025.0 | 2103.6 | 3488.2 | 4465.2 | 4713.5  | 4671.0  |
| 831.6  | 30°   | 854.9  | 857.6  | 857.6  | 867.2  | 907.0  | 1756.4 | 3407.2 | 4580.4 | 4831.6  | 4706.7  |
| 787.6  | 32.5° | 813.7  | 816.5  | 816.5  | 824.7  | 853.5  | 1402.4 | 3305.7 | 4686.1 | 4950.9  | 4721.8  |
| 745.1  | 35°   | 771.2  | 775.3  | 772.6  | 783.5  | 813.7  | 1115.6 | 3176.7 | 4791.8 | 5079.9  | 4769.8  |
| 703.9  | 37.5° | 728.6  | 731.4  | 730.0  | 741.0  | 775.3  | 963.3  | 3027.1 | 4871.3 | 5255.6  | 4876.8  |
| 660.0  | 40°   | 686.1  | 684.7  | 684.7  | 697.1  | 734.1  | 919.4  | 2839.1 | 4997.6 | 5508.1  | 5064.8  |
| 616.1  | 42.5° | 642.2  | 642.2  | 639.5  | 653.2  | 698.5  | 886.4  | 2659.3 | 5224.0 | 5875.8  | 5364.0  |
| 575.0  | 45°   | 602.4  | 601.0  | 595.5  | 607.9  | 664.2  | 828.8  | 2596.2 | 5646.6 | 6419.2  | 5848.4  |
| 533.8  | 47.5° | 564.0  | 562.6  | 548.9  | 559.9  | 623.0  | 776.7  | 2832.2 | 6338.2 | 7172.5  | 6560.5  |
| 500.9  | 50°   | 529.7  | 531.0  | 505.0  | 514.6  | 581.8  | 736.9  | 3344.1 | 7235.7 | 8172.9  | 7519.7  |
| 473.4  | 52.5° | 498.1  | 498.1  | 463.8  | 469.3  | 531.0  | 701.2  | 3831.2 | 8208.6 | 9493.0  | 8857.6  |
| 444.6  | 55°   | 466.6  | 463.8  | 425.4  | 428.1  | 480.3  | 650.4  | 3903.9 | 9158.1 | 11293.3 | 10870.7 |
| 413.0  | 57.5° | 430.9  | 425.4  | 389.7  | 389.7  | 433.6  | 613.4  | 3383.9 | 9888.2 | 13527.3 | 13829.1 |
| 354.0  | 60°   | 387.0  | 382.8  | 359.5  | 352.7  | 396.6  | 646.3  | 2387.6 | 9973.2 | 14968.1 | 17763.3 |
| 281.3  | 62.5° | 330.7  | 336.2  | 323.8  | 314.2  | 360.9  | 671.0  | 1414.7 | 9288.5 | 14619.5 | 19014.7 |
| 218.2  | 65°   | 260.7  | 282.7  | 279.9  | 273.1  | 396.6  | 565.4  | 835.7  | 7973.9 | 13550.6 | 18004.8 |
| 190.7  | 67.5° | 222.3  | 237.4  | 233.3  | 233.3  | 415.8  | 429.5  | 525.6  | 6229.8 | 12079.6 | 16806.8 |
| 159.2  | 70°   | 189.4  | 204.5  | 189.4  | 189.4  | 314.2  | 260.7  | 363.6  | 4349.9 | 10491.9 | 15481.3 |
| 127.6  | 72.5° | 156.4  | 171.5  | 155.1  | 144.1  | 251.1  | 194.9  | 266.2  | 2718.4 | 8985.2  | 14100.8 |
| 90.6   | 75°   | 119.4  | 137.2  | 124.9  | 111.1  | 166.0  | 145.5  | 201.7  | 1579.4 | 7444.2  | 12064.5 |
| 54.9   | 77.5° | 75.5   | 98.8   | 93.3   | 78.2   | 122.1  | 105.7  | 145.5  | 940.0  | 5744.1  | 9427.1  |
| 32.9   | 80°   | 46.7   | 50.8   | 52.1   | 49.4   | 70.0   | 71.4   | 98.8   | 535.2  | 3931.4  | 6570.1  |
| 20.6   | 82.5° | 30.2   | 30.2   | 23.3   | 26.1   | 34.3   | 41.2   | 56.3   | 201.7  | 2310.8  | 4000.0  |
| 12.3   | 85°   | 22.0   | 19.2   | 12.3   | 12.3   | 16.5   | 20.6   | 22.0   | 61.7   | 937.2   | 1579.4  |
| 5.5    | 87.5° | 11.0   | 9.6    | 4.1    | 5.5    | 8.2    | 6.9    | 5.5    | 2.7    | 236.0   | 505.0   |
| 0.0    | 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     |

REPORT NUMBER: P949986

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**CANDELA DISTRIBUTION (continued):**

| 285°    |       | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 360°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 2758.1  | 0°    | 2758.1  | 2758.1  | 2758.1  | 2758.1  | 2758.1  | 2758.1  | 2758.1  | 2758.1  |
| 3165.7  | 2.5°  | 3193.1  | 3235.7  | 3238.4  | 3238.4  | 3201.4  | 3200.0  | 3124.5  | 3116.3  |
| 3632.2  | 5°    | 3759.9  | 3787.3  | 3794.2  | 3780.4  | 3706.3  | 3651.5  | 3504.6  | 3473.1  |
| 4108.4  | 7.5°  | 4278.6  | 4333.4  | 4333.4  | 4300.5  | 4179.8  | 4067.2  | 3854.5  | 3775.0  |
| 4502.2  | 10°   | 4693.0  | 4756.1  | 4742.4  | 4675.1  | 4522.8  | 4367.7  | 4109.8  | 4005.5  |
| 4741.0  | 12.5° | 4894.7  | 4959.2  | 4923.5  | 4846.6  | 4698.5  | 4535.2  | 4263.5  | 4145.4  |
| 4809.6  | 15°   | 4890.6  | 4872.7  | 4835.7  | 4826.1  | 4754.7  | 4631.2  | 4377.4  | 4248.4  |
| 4767.1  | 17.5° | 4716.3  | 4565.3  | 4536.5  | 4632.6  | 4723.2  | 4693.0  | 4476.2  | 4355.4  |
| 4665.5  | 20°   | 4440.5  | 4177.0  | 4150.9  | 4334.8  | 4592.8  | 4724.5  | 4568.1  | 4456.9  |
| 4518.7  | 22.5° | 4149.6  | 3865.5  | 3805.1  | 4008.2  | 4396.6  | 4734.1  | 4684.7  | 4573.6  |
| 4356.8  | 25°   | 3873.8  | 3588.3  | 3528.0  | 3717.3  | 4178.4  | 4717.7  | 4811.0  | 4716.3  |
| 4201.7  | 27.5° | 3643.2  | 3367.4  | 3311.1  | 3500.5  | 3968.4  | 4671.0  | 4937.2  | 4870.0  |
| 4048.0  | 30°   | 3464.8  | 3209.6  | 3168.4  | 3350.9  | 3787.3  | 4613.4  | 5097.8  | 5060.7  |
| 3905.3  | 32.5° | 3360.5  | 3173.9  | 3189.0  | 3338.6  | 3689.9  | 4550.3  | 5251.5  | 5269.3  |
| 3835.3  | 35°   | 3463.5  | 3471.7  | 3603.4  | 3665.2  | 3780.4  | 4540.6  | 5460.0  | 5530.0  |
| 3919.0  | 37.5° | 3975.3  | 4260.7  | 4533.8  | 4483.0  | 4223.7  | 4651.8  | 5771.5  | 5901.9  |
| 4284.0  | 40°   | 4846.6  | 5432.6  | 5875.8  | 5682.3  | 5029.2  | 4992.1  | 6220.2  | 6415.1  |
| 4931.7  | 42.5° | 5911.5  | 6905.0  | 7635.0  | 7116.3  | 6067.9  | 5587.6  | 6861.1  | 7109.4  |
| 5715.3  | 45°   | 7035.3  | 8720.4  | 9870.3  | 8791.8  | 7175.3  | 6421.9  | 7831.2  | 8026.1  |
| 6449.4  | 47.5° | 8219.5  | 10926.9 | 12414.4 | 10649.7 | 8201.7  | 7371.5  | 9154.0  | 9199.3  |
| 7145.1  | 50°   | 9514.9  | 13346.1 | 15007.9 | 12506.3 | 9192.4  | 8459.7  | 10770.5 | 10718.3 |
| 7956.1  | 52.5° | 10748.5 | 15833.9 | 17546.5 | 14371.2 | 10062.4 | 9809.9  | 12646.3 | 12539.3 |
| 9064.8  | 55°   | 11925.9 | 18320.4 | 20100.1 | 16163.3 | 10883.0 | 11593.8 | 14874.8 | 14227.1 |
| 10663.5 | 57.5° | 13291.2 | 20555.7 | 22732.0 | 17963.6 | 12030.2 | 13910.1 | 17366.7 | 15206.8 |
| 13724.9 | 60°   | 15309.8 | 23095.7 | 25708.4 | 20430.8 | 14212.0 | 16344.4 | 18260.0 | 15020.2 |
| 17391.4 | 62.5° | 17886.8 | 25431.2 | 27872.4 | 22848.7 | 16403.4 | 16802.7 | 16944.1 | 13582.1 |
| 16643.5 | 65°   | 18387.6 | 26022.6 | 27994.5 | 23495.0 | 16120.7 | 14253.2 | 13833.3 | 10917.3 |
| 14866.5 | 67.5° | 17059.3 | 24953.7 | 26287.4 | 22291.6 | 14260.0 | 11014.7 | 10380.8 | 7920.4  |
| 13700.2 | 70°   | 15569.1 | 22915.9 | 23312.5 | 20245.6 | 12542.0 | 8101.5  | 7010.6  | 5082.7  |
| 12901.5 | 72.5° | 14041.8 | 20197.6 | 19377.0 | 17582.1 | 11023.0 | 5899.1  | 5056.6  | 3613.0  |
| 11764.0 | 75°   | 12227.8 | 16623.0 | 15263.1 | 14608.6 | 9126.6  | 4629.8  | 3658.3  | 2493.3  |
| 10118.7 | 77.5° | 9792.1  | 11700.8 | 11337.2 | 11323.5 | 6858.3  | 3382.5  | 2441.2  | 1562.9  |
| 7905.3  | 80°   | 6907.7  | 7593.8  | 7408.6  | 8528.3  | 4601.0  | 2453.5  | 1469.6  | 870.0   |
| 5502.6  | 82.5° | 3344.1  | 4199.0  | 4310.1  | 5078.6  | 2238.1  | 1443.6  | 338.9   | 189.4   |
| 2151.6  | 85°   | 1309.1  | 2025.4  | 1708.4  | 1928.0  | 628.5   | 402.1   | 8.2     | 0.0     |
| 354.0   | 87.5° | 146.8   | 234.6   | 215.4   | 170.2   | 76.8    | 16.5    | 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)