

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: P957336

Luminaire Tested: **GLAN-SB9D-722-U-SLR-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P957336  
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-SB9D-722-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(9) 70 CRI, 2200K, 900mA 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: 58436 lumens  
Efficiency: N/A  
Efficacy: 88.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G5  
  
Input Watts (W): 658  
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

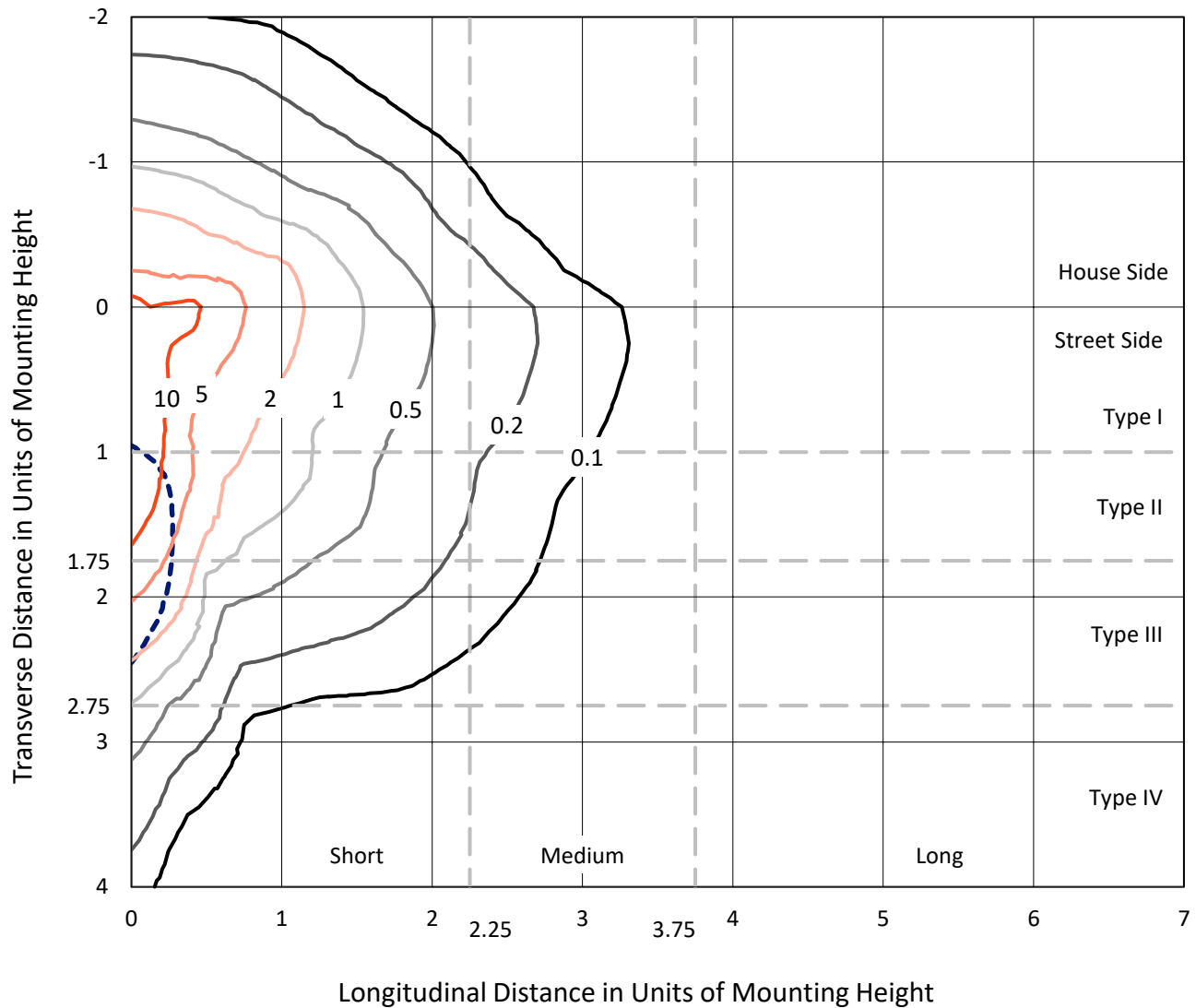


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## Iso-Footcandle Lines of Horizontal Illumination

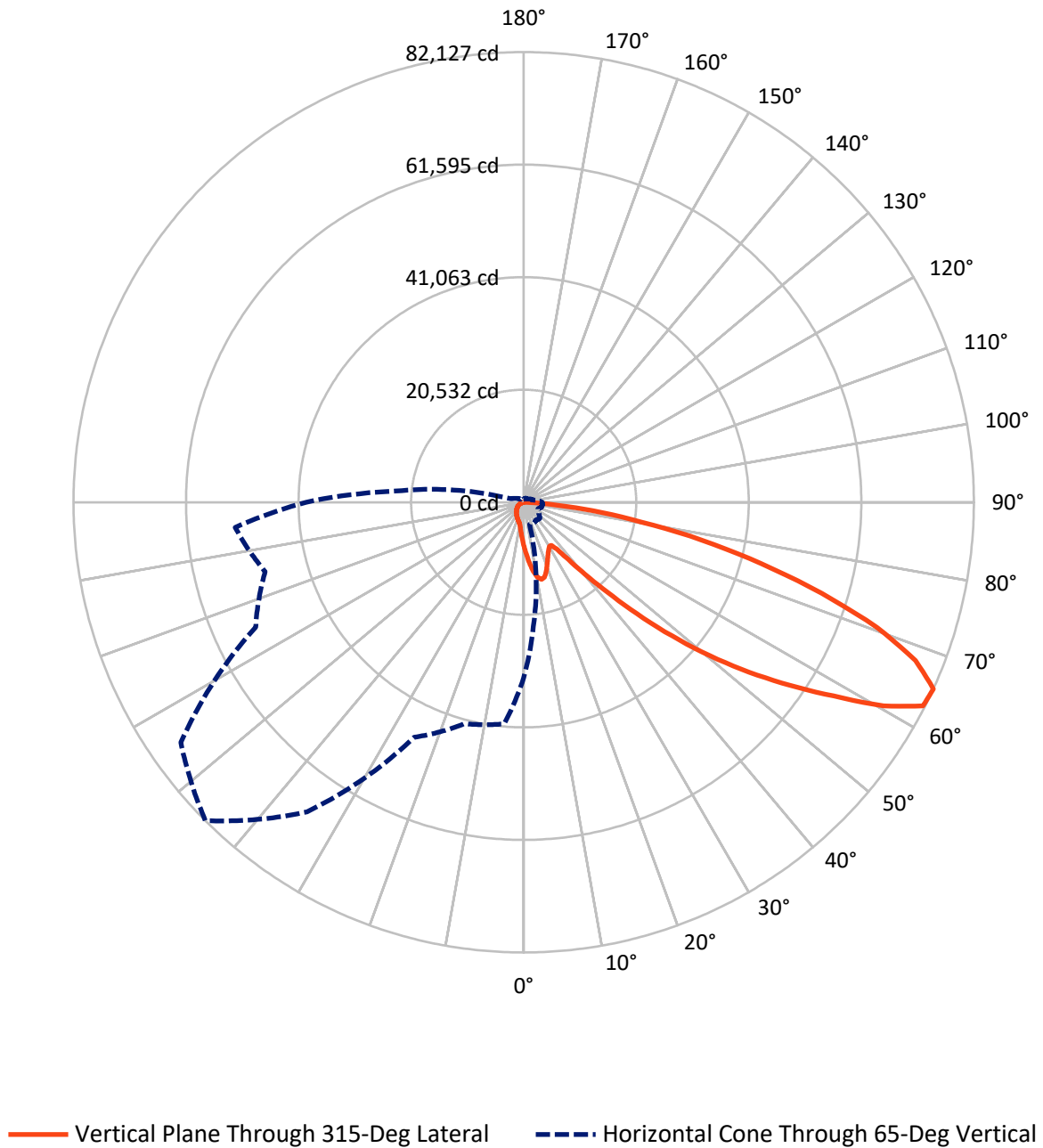
× Max cd  
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 18 fc  
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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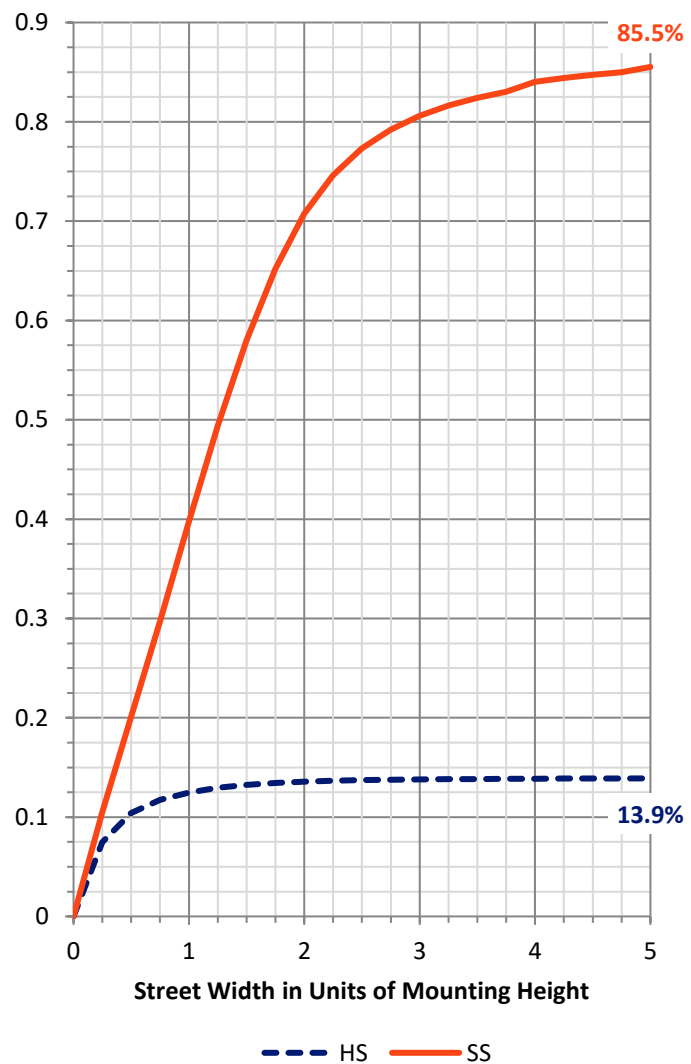
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 8183.5   | 0.0    | 8183.5  |
|                    | % Fixture | 14.0     | 0.0    | 14.0    |
| <b>Street Side</b> | Lumens    | 50252.5  | 0.0    | 50252.5 |
|                    | % Fixture | 86.0     | 0.0    | 86.0    |
| <b>Total</b>       | Lumens    | 58436.0  | 0.0    | 58436.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 796.6   | 1.4       |
| 10°-20°   | 2388.1  | 4.1       |
| 20°-30°   | 3518.1  | 6.0       |
| 30°-40°   | 4519.8  | 7.7       |
| 40°-50°   | 7309.9  | 12.5      |
| 50°-60°   | 12818.7 | 21.9      |
| 60°-70°   | 16039.6 | 27.4      |
| 70°-80°   | 9372.8  | 16.0      |
| 80°-90°   | 1672.3  | 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°    | 58436.0 | 100.0     |
| 0°-180°   | 58436.0 | 100.0     |

**Coefficient of Utilization**



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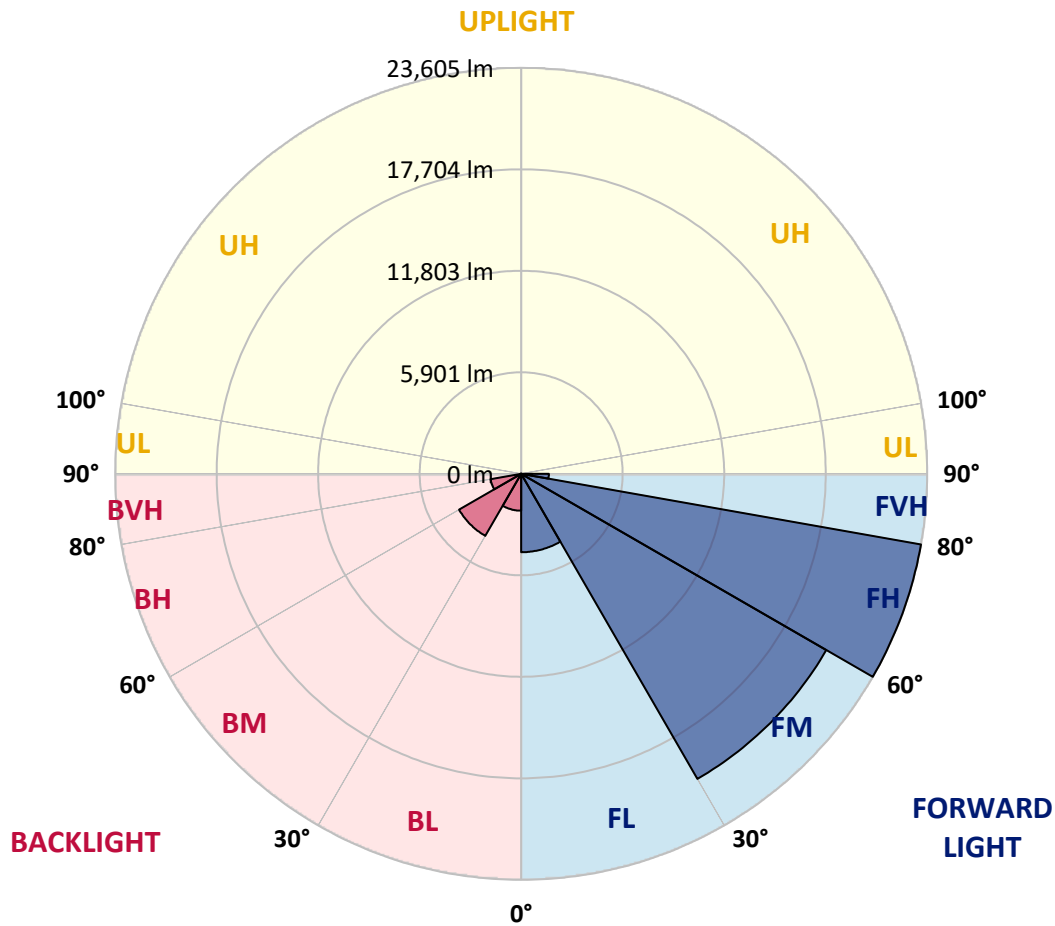
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 4557.8  | 7.8       |                         |      |         |
| FM   | (30°-60°)   | 20481.2 | 35.0      |                         |      |         |
| FH   | (60°-80°)   | 23605.5 | 40.4      |                         |      | G5      |
| FVH  | (80°-90°)   | 1608.0  | 2.8       |                         |      | G5      |
| BL   | (0°-30°)    | 2145.0  | 3.7       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 4167.3  | 7.1       | B3/5000                 |      |         |
| BH   | (60°-80°)   | 1807.0  | 3.1       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 64.2    | 0.1       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0     | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G5**

Type IV Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 5°      | 15°     | 25°     | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|
| 0°    | 8091.5  | 8091.5  | 8091.5  | 8091.5  | 8091.5 | 8091.5 | 8091.5 | 8091.5 | 8091.5 | 8091.5 |
| 2.5°  | 9142.2  | 8985.2  | 8892.6  | 8663.2  | 8433.7 | 8248.5 | 7998.9 | 7833.9 | 7636.6 | 7447.4 |
| 5°    | 10188.9 | 9935.3  | 9629.3  | 9210.6  | 8828.2 | 8437.7 | 8059.3 | 7684.9 | 7290.4 | 6928.1 |
| 7.5°  | 11074.5 | 10708.2 | 10168.7 | 9613.2  | 9126.1 | 8655.1 | 8212.3 | 7717.1 | 7238.1 | 6670.5 |
| 10°   | 11750.8 | 11283.8 | 10575.3 | 9846.7  | 9287.1 | 8812.1 | 8381.4 | 7962.7 | 7479.6 | 6795.3 |
| 12.5° | 12161.4 | 11662.2 | 10820.9 | 9967.5  | 9327.4 | 8796.0 | 8461.9 | 8276.7 | 8087.5 | 7407.2 |
| 15°   | 12463.4 | 11923.9 | 10994.0 | 10052.0 | 9234.8 | 8582.6 | 8337.1 | 8522.3 | 8739.6 | 8304.9 |
| 17.5° | 12777.3 | 12209.7 | 11219.4 | 10088.2 | 8985.2 | 8168.0 | 8063.3 | 8542.4 | 9045.6 | 9025.5 |
| 20°   | 13075.2 | 12511.7 | 11416.7 | 10064.1 | 8582.6 | 7664.8 | 7757.4 | 8369.3 | 8953.0 | 9198.6 |
| 22.5° | 13417.4 | 12821.6 | 11605.9 | 9971.5  | 8059.3 | 7193.8 | 7483.6 | 8095.5 | 8606.8 | 8896.6 |
| 25°   | 13836.1 | 13212.1 | 11871.6 | 9834.6  | 7495.7 | 6803.3 | 7205.9 | 7777.5 | 8192.2 | 8393.4 |
| 27.5° | 14287.0 | 13679.1 | 12225.8 | 9762.2  | 7040.8 | 6525.5 | 6891.9 | 7399.1 | 7769.5 | 7910.4 |
| 30°   | 14846.5 | 14222.6 | 12644.5 | 9681.6  | 6742.9 | 6364.5 | 6565.8 | 6960.3 | 7322.6 | 7463.5 |
| 32.5° | 15458.4 | 14826.4 | 13047.1 | 9488.4  | 6561.8 | 6243.8 | 6247.8 | 6497.4 | 6827.5 | 6996.5 |
| 35°   | 16223.3 | 15551.0 | 13477.8 | 9065.7  | 6416.9 | 6102.9 | 5937.8 | 6058.6 | 6332.3 | 6533.6 |
| 37.5° | 17314.2 | 16501.1 | 14005.2 | 8461.9  | 6203.5 | 5885.5 | 5611.7 | 5639.9 | 5849.2 | 6070.6 |
| 40°   | 18819.8 | 17777.2 | 14625.1 | 7833.9  | 5897.5 | 5579.5 | 5253.4 | 5241.4 | 5394.3 | 5611.7 |
| 42.5° | 20856.8 | 19463.9 | 15369.9 | 7234.1  | 5603.7 | 5209.2 | 4875.0 | 4854.9 | 4975.7 | 5164.9 |
| 45°   | 23545.9 | 21621.7 | 16283.7 | 6718.8  | 5374.2 | 4846.9 | 4516.8 | 4508.7 | 4609.3 | 4774.4 |
| 47.5° | 26987.8 | 24620.8 | 17197.5 | 6368.5  | 5253.4 | 4561.0 | 4222.9 | 4239.0 | 4327.6 | 4476.5 |
| 50°   | 31444.2 | 28529.6 | 17475.3 | 6191.4  | 5253.4 | 4408.1 | 3961.2 | 4041.7 | 4114.2 | 4226.9 |
| 52.5° | 36786.2 | 32281.5 | 16557.4 | 6030.4  | 5285.7 | 4428.2 | 3739.8 | 3912.9 | 3965.2 | 4061.9 |
| 55°   | 41737.7 | 34121.2 | 14234.6 | 5809.0  | 5293.7 | 4553.0 | 3550.6 | 3808.2 | 3904.9 | 3941.1 |
| 57.5° | 44612.0 | 33489.2 | 11509.3 | 5434.6  | 5261.5 | 4637.5 | 3429.8 | 3679.4 | 3864.6 | 3888.8 |
| 60°   | 44064.5 | 31271.1 | 8474.0  | 5148.8  | 5024.0 | 4605.3 | 3393.6 | 3482.2 | 3776.0 | 3812.3 |
| 62.5° | 39845.7 | 27551.4 | 5881.4  | 4927.4  | 4500.7 | 4464.4 | 3381.5 | 3172.2 | 3582.8 | 3671.4 |
| 65°   | 32027.9 | 21690.1 | 4154.5  | 4243.0  | 3945.1 | 4158.5 | 3317.1 | 2850.1 | 3349.3 | 3470.1 |
| 67.5° | 23235.9 | 14677.4 | 2999.1  | 3437.9  | 3574.8 | 3663.3 | 3172.2 | 2616.7 | 3083.6 | 3244.7 |
| 70°   | 14910.9 | 7926.5  | 2105.4  | 2270.5  | 3011.2 | 3111.8 | 2922.6 | 2407.3 | 2813.9 | 2999.1 |
| 72.5° | 10599.5 | 4681.8  | 1513.6  | 1590.1  | 2419.4 | 2592.5 | 2572.4 | 2173.8 | 2499.9 | 2725.4 |
| 75°   | 7314.6  | 2580.4  | 1022.5  | 1135.2  | 1755.2 | 2105.4 | 1984.6 | 1867.9 | 2117.5 | 2346.9 |
| 77.5° | 4585.2  | 1155.4  | 611.9   | 789.0   | 1151.3 | 1654.5 | 1360.7 | 1445.2 | 1650.5 | 1863.9 |
| 80°   | 2552.2  | 446.8   | 342.2   | 523.3   | 628.0  | 1203.7 | 752.8  | 929.9  | 1215.7 | 1368.7 |
| 82.5° | 555.5   | 56.4    | 153.0   | 225.4   | 245.6  | 700.5  | 398.5  | 539.4  | 764.9  | 752.8  |
| 85°   | 0.0     | 0.0     | 28.2    | 32.2    | 16.1   | 301.9  | 144.9  | 177.1  | 249.6  | 233.5  |
| 87.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 8.1    |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 8091.5 | 0°    | 8091.5 | 8091.5 | 8091.5 | 8091.5 | 8091.5 | 8091.5 | 8091.5 | 8091.5 | 8091.5 | 8091.5 |
| 7278.3 | 2.5°  | 7246.1 | 7048.9 | 6904.0 | 6831.5 | 6771.1 | 6827.5 | 6859.7 | 6859.7 | 6996.5 | 7077.1 |
| 6706.7 | 5°    | 6565.8 | 6211.5 | 5941.8 | 5760.7 | 5652.0 | 5688.2 | 5728.5 | 5772.8 | 5945.9 | 6062.6 |
| 6368.5 | 7.5°  | 6094.8 | 5551.3 | 5140.7 | 4887.1 | 4754.3 | 4774.4 | 4802.6 | 4838.8 | 5007.9 | 5124.6 |
| 6416.9 | 10°   | 6006.2 | 5225.3 | 4645.6 | 4311.4 | 4150.4 | 4122.2 | 4106.1 | 4094.1 | 4194.7 | 4283.3 |
| 6964.3 | 12.5° | 6368.5 | 5241.4 | 4432.2 | 4025.6 | 3828.4 | 3743.8 | 3647.2 | 3570.7 | 3586.8 | 3643.2 |
| 7793.6 | 15°   | 7016.7 | 5446.7 | 4363.8 | 3876.7 | 3631.1 | 3490.2 | 3377.5 | 3284.9 | 3264.8 | 3284.9 |
| 8518.2 | 17.5° | 7757.4 | 5724.4 | 4355.7 | 3747.9 | 3441.9 | 3297.0 | 3204.4 | 3119.9 | 3091.7 | 3095.7 |
| 8924.8 | 20°   | 8248.5 | 5945.9 | 4331.6 | 3602.9 | 3260.8 | 3131.9 | 3051.4 | 2966.9 | 2938.7 | 2946.8 |
| 8812.1 | 22.5° | 8296.8 | 6062.6 | 4295.3 | 3441.9 | 3079.6 | 2970.9 | 2890.4 | 2813.9 | 2809.9 | 2809.9 |
| 8389.4 | 25°   | 8035.2 | 6062.6 | 4218.9 | 3297.0 | 2906.5 | 2809.9 | 2737.4 | 2644.8 | 2660.9 | 2669.0 |
| 7910.4 | 27.5° | 7628.6 | 5917.7 | 4073.9 | 3180.2 | 2757.6 | 2656.9 | 2584.5 | 2499.9 | 2520.0 | 2532.1 |
| 7463.5 | 30°   | 7226.0 | 5732.5 | 3900.8 | 3047.4 | 2616.7 | 2499.9 | 2447.6 | 2375.1 | 2383.2 | 2399.3 |
| 7020.7 | 32.5° | 6851.6 | 5535.2 | 3695.5 | 2938.7 | 2475.8 | 2359.0 | 2318.8 | 2238.3 | 2250.3 | 2266.4 |
| 6585.9 | 35°   | 6481.3 | 5317.9 | 3454.0 | 2809.9 | 2346.9 | 2230.2 | 2198.0 | 2105.4 | 2113.5 | 2137.6 |
| 6151.2 | 37.5° | 6082.7 | 5088.4 | 3256.7 | 2681.1 | 2222.1 | 2101.4 | 2069.2 | 1972.6 | 1980.6 | 2008.8 |
| 5700.3 | 40°   | 5664.1 | 4863.0 | 3063.5 | 2544.2 | 2089.3 | 1968.5 | 1940.4 | 1835.7 | 1843.7 | 1875.9 |
| 5257.5 | 42.5° | 5241.4 | 4617.4 | 2914.6 | 2367.1 | 1952.4 | 1823.6 | 1795.4 | 1698.8 | 1710.9 | 1747.1 |
| 4871.0 | 45°   | 4850.9 | 4323.5 | 2817.9 | 2169.8 | 1823.6 | 1678.7 | 1650.5 | 1561.9 | 1586.1 | 1626.4 |
| 4544.9 | 47.5° | 4516.8 | 4021.6 | 2777.7 | 2004.8 | 1686.7 | 1529.7 | 1505.6 | 1433.1 | 1473.4 | 1517.7 |
| 4267.2 | 50°   | 4230.9 | 3731.8 | 2725.4 | 1835.7 | 1557.9 | 1400.9 | 1376.8 | 1328.5 | 1380.8 | 1425.1 |
| 4078.0 | 52.5° | 4025.6 | 3401.7 | 2612.6 | 1682.7 | 1445.2 | 1292.2 | 1284.2 | 1260.0 | 1308.3 | 1348.6 |
| 3937.1 | 55°   | 3848.5 | 3059.5 | 2431.5 | 1549.9 | 1344.6 | 1199.6 | 1207.7 | 1195.6 | 1235.9 | 1268.1 |
| 3852.5 | 57.5° | 3687.5 | 2761.6 | 2202.0 | 1445.2 | 1235.9 | 1119.1 | 1143.3 | 1127.2 | 1147.3 | 1167.4 |
| 3764.0 | 60°   | 3494.2 | 2459.7 | 1928.3 | 1328.5 | 1107.0 | 1038.6 | 1066.8 | 1022.5 | 1018.5 | 1026.5 |
| 3602.9 | 62.5° | 3208.4 | 2053.1 | 1642.5 | 1183.5 | 994.3  | 950.0  | 962.1  | 877.6  | 813.2  | 813.2  |
| 3365.4 | 65°   | 2809.9 | 1650.5 | 1376.8 | 1022.5 | 865.5  | 829.3  | 821.2  | 700.5  | 611.9  | 603.8  |
| 3107.8 | 67.5° | 2346.9 | 1356.6 | 1143.3 | 861.5  | 720.6  | 696.4  | 704.5  | 615.9  | 527.4  | 519.3  |
| 2850.1 | 70°   | 1912.2 | 1123.2 | 921.9  | 688.4  | 555.5  | 579.7  | 615.9  | 527.4  | 442.8  | 430.7  |
| 2548.2 | 72.5° | 1553.9 | 893.7  | 720.6  | 527.4  | 410.6  | 479.0  | 523.3  | 430.7  | 350.2  | 342.2  |
| 2173.8 | 75°   | 1199.6 | 656.2  | 515.3  | 358.3  | 297.9  | 370.4  | 410.6  | 314.0  | 249.6  | 237.5  |
| 1682.7 | 77.5° | 801.1  | 406.6  | 289.8  | 225.4  | 177.1  | 253.6  | 273.7  | 165.1  | 144.9  | 140.9  |
| 1223.8 | 80°   | 487.1  | 189.2  | 124.8  | 108.7  | 60.4   | 92.6   | 108.7  | 68.4   | 76.5   | 80.5   |
| 652.2  | 82.5° | 245.6  | 52.3   | 20.1   | 4.0    | 0.0    | 0.0    | 32.2   | 16.1   | 32.2   | 40.3   |
| 177.1  | 85°   | 20.1   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 8.1    | 20.1   |
| 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°    |
|--------|-------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 8091.5 | 0°    | 8091.5 | 8091.5 | 8091.5 | 8091.5 | 8091.5 | 8091.5 | 8091.5  | 8091.5  | 8091.5  | 8091.5  |
| 7109.3 | 2.5°  | 7334.7 | 7503.8 | 7664.8 | 7922.4 | 8188.1 | 8449.8 | 8715.5  | 8973.1  | 9065.7  | 9134.2  |
| 6139.1 | 5°    | 6489.3 | 6807.3 | 7177.7 | 7689.0 | 8236.4 | 8800.0 | 9371.7  | 9895.0  | 10132.5 | 10293.5 |
| 5225.3 | 7.5°  | 5615.8 | 6030.4 | 6561.8 | 7330.7 | 8188.1 | 9085.8 | 9983.6  | 10808.8 | 11191.3 | 11501.2 |
| 4363.8 | 10°   | 4750.2 | 5201.1 | 5873.4 | 6751.0 | 7910.4 | 9198.6 | 10438.5 | 11573.7 | 12068.8 | 12459.3 |
| 3743.8 | 12.5° | 3989.4 | 4412.1 | 5116.6 | 6086.8 | 7475.6 | 9110.0 | 10700.1 | 12064.8 | 12648.5 | 13087.3 |
| 3301.0 | 15°   | 3454.0 | 3751.9 | 4375.9 | 5422.5 | 6960.3 | 8824.2 | 10716.2 | 12298.3 | 12938.4 | 13397.3 |
| 3115.8 | 17.5° | 3156.1 | 3256.7 | 3663.3 | 4746.2 | 6388.7 | 8449.8 | 10567.3 | 12378.8 | 13063.2 | 13489.9 |
| 2950.8 | 20°   | 2995.1 | 3011.2 | 3123.9 | 3868.6 | 5656.0 | 8099.6 | 10426.4 | 12459.3 | 13179.9 | 13538.2 |
| 2834.0 | 22.5° | 2866.2 | 2866.2 | 2894.4 | 3164.1 | 4710.0 | 7680.9 | 10382.1 | 12600.2 | 13340.9 | 13562.3 |
| 2701.2 | 25°   | 2749.5 | 2749.5 | 2757.6 | 2830.0 | 3731.8 | 7040.8 | 10353.9 | 12817.6 | 13562.3 | 13622.7 |
| 2568.4 | 27.5° | 2628.7 | 2632.8 | 2632.8 | 2673.0 | 3007.1 | 6171.3 | 10233.2 | 13099.4 | 13828.0 | 13703.2 |
| 2439.5 | 30°   | 2508.0 | 2516.0 | 2516.0 | 2544.2 | 2660.9 | 5152.8 | 9995.6  | 13437.6 | 14174.2 | 13807.9 |
| 2310.7 | 32.5° | 2387.2 | 2395.2 | 2395.2 | 2419.4 | 2503.9 | 4114.2 | 9697.7  | 13747.5 | 14524.5 | 13852.2 |
| 2185.9 | 35°   | 2262.4 | 2274.5 | 2266.4 | 2298.6 | 2387.2 | 3272.8 | 9319.3  | 14057.5 | 14902.9 | 13993.1 |
| 2065.1 | 37.5° | 2137.6 | 2145.7 | 2141.6 | 2173.8 | 2274.5 | 2826.0 | 8880.5  | 14291.0 | 15418.2 | 14307.1 |
| 1936.3 | 40°   | 2012.8 | 2008.8 | 2008.8 | 2045.0 | 2153.7 | 2697.2 | 8329.0  | 14661.3 | 16158.9 | 14858.6 |
| 1807.5 | 42.5° | 1884.0 | 1884.0 | 1875.9 | 1916.2 | 2049.0 | 2600.6 | 7801.7  | 15325.6 | 17237.7 | 15736.2 |
| 1686.7 | 45°   | 1767.3 | 1763.2 | 1747.1 | 1783.4 | 1948.4 | 2431.5 | 7616.5  | 16565.5 | 18831.9 | 17157.2 |
| 1566.0 | 47.5° | 1654.5 | 1650.5 | 1610.3 | 1642.5 | 1827.6 | 2278.5 | 8308.9  | 18594.4 | 21042.0 | 19246.5 |
| 1469.4 | 50°   | 1553.9 | 1557.9 | 1481.4 | 1509.6 | 1706.9 | 2161.8 | 9810.5  | 21227.1 | 23976.7 | 22060.5 |
| 1388.8 | 52.5° | 1461.3 | 1461.3 | 1360.7 | 1376.8 | 1557.9 | 2057.1 | 11239.6 | 24081.3 | 27849.3 | 25985.4 |
| 1304.3 | 55°   | 1368.7 | 1360.7 | 1247.9 | 1256.0 | 1409.0 | 1908.1 | 11452.9 | 26867.1 | 33130.9 | 31891.0 |
| 1211.7 | 57.5° | 1264.0 | 1247.9 | 1143.3 | 1143.3 | 1272.1 | 1799.5 | 9927.2  | 29008.7 | 39684.7 | 40570.3 |
| 1038.6 | 60°   | 1135.2 | 1123.2 | 1054.7 | 1034.6 | 1163.4 | 1896.1 | 7004.6  | 29258.3 | 43911.6 | 52111.8 |
| 825.3  | 62.5° | 970.2  | 986.3  | 950.0  | 921.9  | 1058.7 | 1968.5 | 4150.4  | 27249.5 | 42889.1 | 55783.2 |
| 640.1  | 65°   | 764.9  | 829.3  | 821.2  | 801.1  | 1163.4 | 1658.6 | 2451.6  | 23392.9 | 39753.1 | 52820.3 |
| 559.6  | 67.5° | 652.2  | 696.4  | 684.4  | 684.4  | 1219.8 | 1260.0 | 1541.8  | 18276.4 | 35437.6 | 49305.9 |
| 467.0  | 70°   | 555.5  | 599.8  | 555.5  | 555.5  | 921.9  | 764.9  | 1066.8  | 12761.2 | 30780.0 | 45417.2 |
| 374.4  | 72.5° | 458.9  | 503.2  | 454.9  | 422.7  | 736.7  | 571.6  | 781.0   | 7974.8  | 26359.8 | 41367.4 |
| 265.7  | 75°   | 350.2  | 402.6  | 366.3  | 326.1  | 487.1  | 426.7  | 591.8   | 4633.5  | 21839.0 | 35393.3 |
| 161.0  | 77.5° | 221.4  | 289.8  | 273.7  | 229.5  | 358.3  | 310.0  | 426.7   | 2757.6  | 16851.3 | 27656.1 |
| 96.6   | 80°   | 136.9  | 148.9  | 153.0  | 144.9  | 205.3  | 209.3  | 289.8   | 1570.0  | 11533.4 | 19274.7 |
| 60.4   | 82.5° | 88.6   | 88.6   | 68.4   | 76.5   | 100.6  | 120.8  | 165.1   | 591.8   | 6779.2  | 11734.7 |
| 36.2   | 85°   | 64.4   | 56.4   | 36.2   | 36.2   | 48.3   | 60.4   | 64.4    | 181.2   | 2749.5  | 4633.5  |
| 16.1   | 87.5° | 32.2   | 28.2   | 12.1   | 16.1   | 24.2   | 20.1   | 16.1    | 8.1     | 692.4   | 1481.4  |
| 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°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 8091.5  | 0°    | 8091.5  | 8091.5  | 8091.5  | 8091.5  | 8091.5  | 8091.5  | 8091.5  | 8091.5  |
| 9287.1  | 2.5°  | 9367.6  | 9492.4  | 9500.5  | 9500.5  | 9391.8  | 9387.8  | 9166.4  | 9142.2  |
| 10655.8 | 5°    | 11030.2 | 11110.7 | 11130.9 | 11090.6 | 10873.2 | 10712.2 | 10281.5 | 10188.9 |
| 12052.7 | 7.5°  | 12551.9 | 12712.9 | 12712.9 | 12616.3 | 12262.1 | 11932.0 | 11308.0 | 11074.5 |
| 13208.1 | 10°   | 13767.7 | 13952.8 | 13912.6 | 13715.3 | 13268.5 | 12813.6 | 12056.8 | 11750.8 |
| 13908.6 | 12.5° | 14359.4 | 14548.6 | 14444.0 | 14218.5 | 13783.8 | 13304.7 | 12507.6 | 12161.4 |
| 14109.8 | 15°   | 14347.3 | 14295.0 | 14186.3 | 14158.1 | 13948.8 | 13586.5 | 12841.8 | 12463.4 |
| 13985.0 | 17.5° | 13836.1 | 13393.3 | 13308.7 | 13590.5 | 13856.2 | 13767.7 | 13131.6 | 12777.3 |
| 13687.1 | 20°   | 13026.9 | 12254.0 | 12177.5 | 12717.0 | 13473.8 | 13860.2 | 13401.3 | 13075.2 |
| 13256.4 | 22.5° | 12173.5 | 11340.2 | 11163.1 | 11758.9 | 12898.1 | 13888.4 | 13743.5 | 13417.4 |
| 12781.4 | 25°   | 11364.4 | 10527.0 | 10349.9 | 10905.4 | 12258.0 | 13840.1 | 14113.9 | 13836.1 |
| 12326.5 | 27.5° | 10688.0 | 9878.9  | 9713.8  | 10269.4 | 11642.1 | 13703.2 | 14484.2 | 14287.0 |
| 11875.6 | 30°   | 10164.7 | 9415.9  | 9295.2  | 9830.6  | 11110.7 | 13534.2 | 14955.2 | 14846.5 |
| 11456.9 | 32.5° | 9858.8  | 9311.3  | 9355.6  | 9794.4  | 10824.9 | 13349.0 | 15406.1 | 15458.4 |
| 11251.6 | 35°   | 10160.7 | 10184.8 | 10571.3 | 10752.5 | 11090.6 | 13320.8 | 16018.0 | 16223.3 |
| 11497.2 | 37.5° | 11662.2 | 12499.6 | 13300.7 | 13151.7 | 12390.9 | 13646.9 | 16931.8 | 17314.2 |
| 12568.0 | 40°   | 14218.5 | 15937.5 | 17237.7 | 16670.1 | 14753.9 | 14645.2 | 18248.2 | 18819.8 |
| 14468.1 | 42.5° | 17342.4 | 20257.0 | 22398.6 | 20876.9 | 17801.3 | 16392.4 | 20128.1 | 20856.8 |
| 16766.7 | 45°   | 20639.4 | 25582.9 | 28956.4 | 25792.2 | 21050.0 | 18839.9 | 22974.3 | 23545.9 |
| 18920.5 | 47.5° | 24113.5 | 32056.1 | 36419.9 | 31242.9 | 24061.2 | 21625.7 | 26855.0 | 26987.8 |
| 20961.5 | 50°   | 27913.7 | 39153.3 | 44028.3 | 36689.6 | 26967.7 | 24818.0 | 31597.2 | 31444.2 |
| 23340.6 | 52.5° | 31532.8 | 46451.7 | 51475.7 | 42160.4 | 29519.9 | 28779.2 | 37100.2 | 36786.2 |
| 26593.3 | 55°   | 34986.7 | 53746.2 | 58967.4 | 47417.9 | 31927.3 | 34012.5 | 43637.8 | 41737.7 |
| 31283.2 | 57.5° | 38992.3 | 60303.9 | 66688.6 | 52699.5 | 35292.7 | 40807.8 | 50948.4 | 44612.0 |
| 40264.4 | 60°   | 44914.0 | 67755.4 | 75420.2 | 59937.6 | 41693.4 | 47949.3 | 53569.1 | 44064.5 |
| 51020.8 | 62.5° | 52474.1 | 74607.0 | 81768.6 | 67030.8 | 48122.4 | 49293.8 | 49708.5 | 39845.7 |
| 48826.9 | 65°   | 53943.4 | 76342.0 | 82126.9 | 68926.8 | 47293.1 | 41814.2 | 40582.4 | 32027.9 |
| 43613.7 | 67.5° | 50046.6 | 73206.1 | 77119.0 | 65396.4 | 41834.3 | 32313.7 | 30453.9 | 23235.9 |
| 40191.9 | 70°   | 45674.8 | 67228.0 | 68391.4 | 59394.1 | 36794.3 | 23767.3 | 20566.9 | 14910.9 |
| 37849.0 | 72.5° | 41194.3 | 59253.2 | 56845.9 | 51580.4 | 32337.9 | 17306.2 | 14834.4 | 10599.5 |
| 34511.7 | 75°   | 35872.4 | 48766.5 | 44777.1 | 42856.9 | 26774.5 | 13582.5 | 10732.3 | 7314.6  |
| 29685.0 | 77.5° | 28726.9 | 34326.5 | 33259.8 | 33219.5 | 20120.1 | 9923.2  | 7161.6  | 4585.2  |
| 23191.7 | 80°   | 20265.0 | 22277.8 | 21734.4 | 25019.3 | 13497.9 | 7197.8  | 4311.4  | 2552.2  |
| 16142.8 | 82.5° | 9810.5  | 12318.4 | 12644.5 | 14898.9 | 6565.8  | 4235.0  | 994.3   | 555.5   |
| 6312.2  | 85°   | 3840.5  | 5941.8  | 5011.9  | 5656.0  | 1843.7  | 1179.5  | 24.2    | 0.0     |
| 1038.6  | 87.5° | 430.7   | 688.4   | 632.0   | 499.2   | 225.4   | 48.3    | 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)