

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: P948894

Luminaire Tested: **GLAN-SB3D-760-U-SLR-HSS**

Issue Date: 1/21/2025

### Test Information

Test Method: LM-79-08  
Report Number: P948894  
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-SB3D-760-U-SLR-HSS  
Description: GALLEON AREA AND ROADWAY HIGH DENSITY LED LUMINAIRE  
(3) 70 CRI, 5700K, 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: 24652 lumens  
Efficiency: N/A  
Efficacy: 113.0 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B2 - U0 - G4

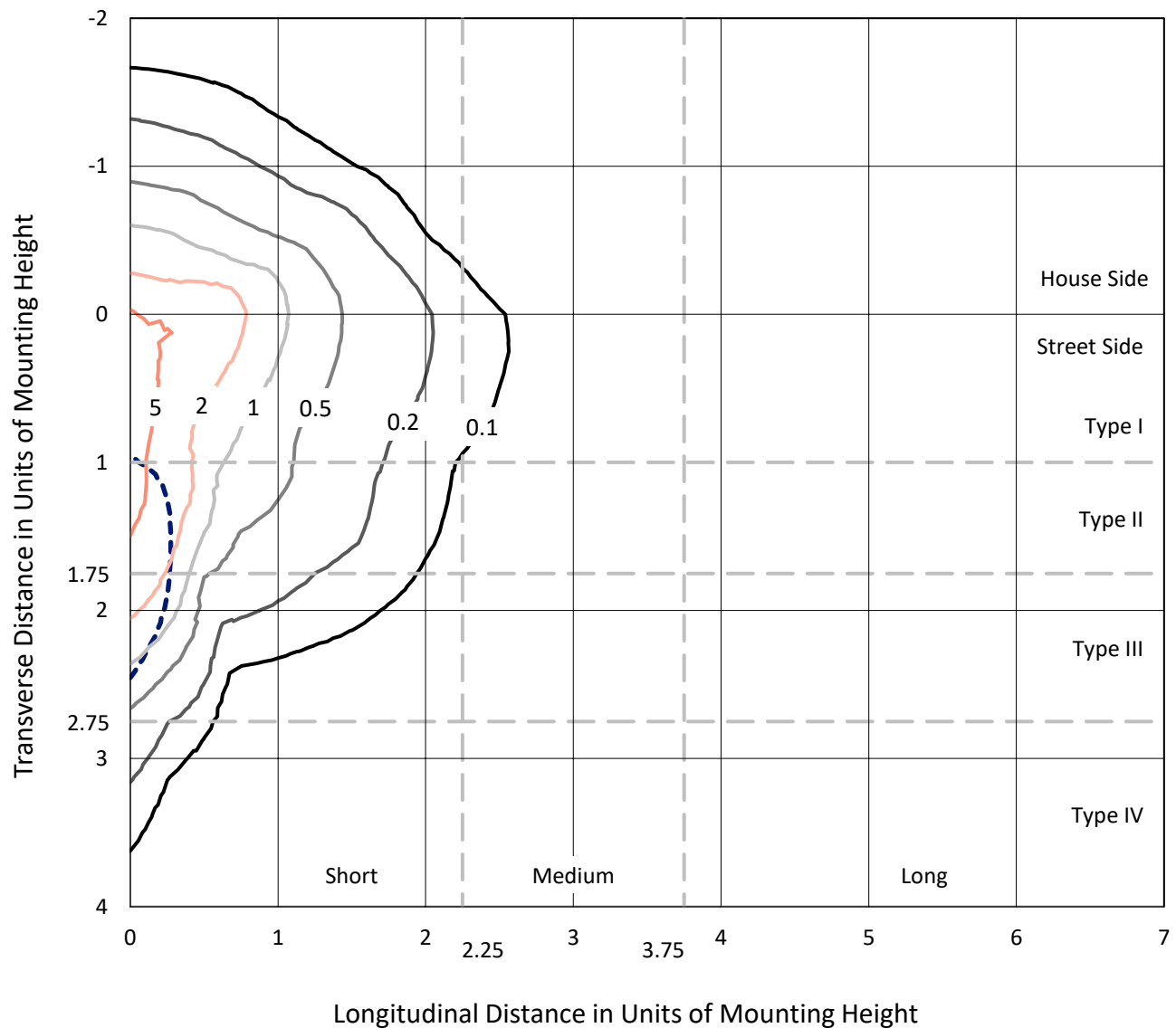
Input Watts (W): 218.1  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

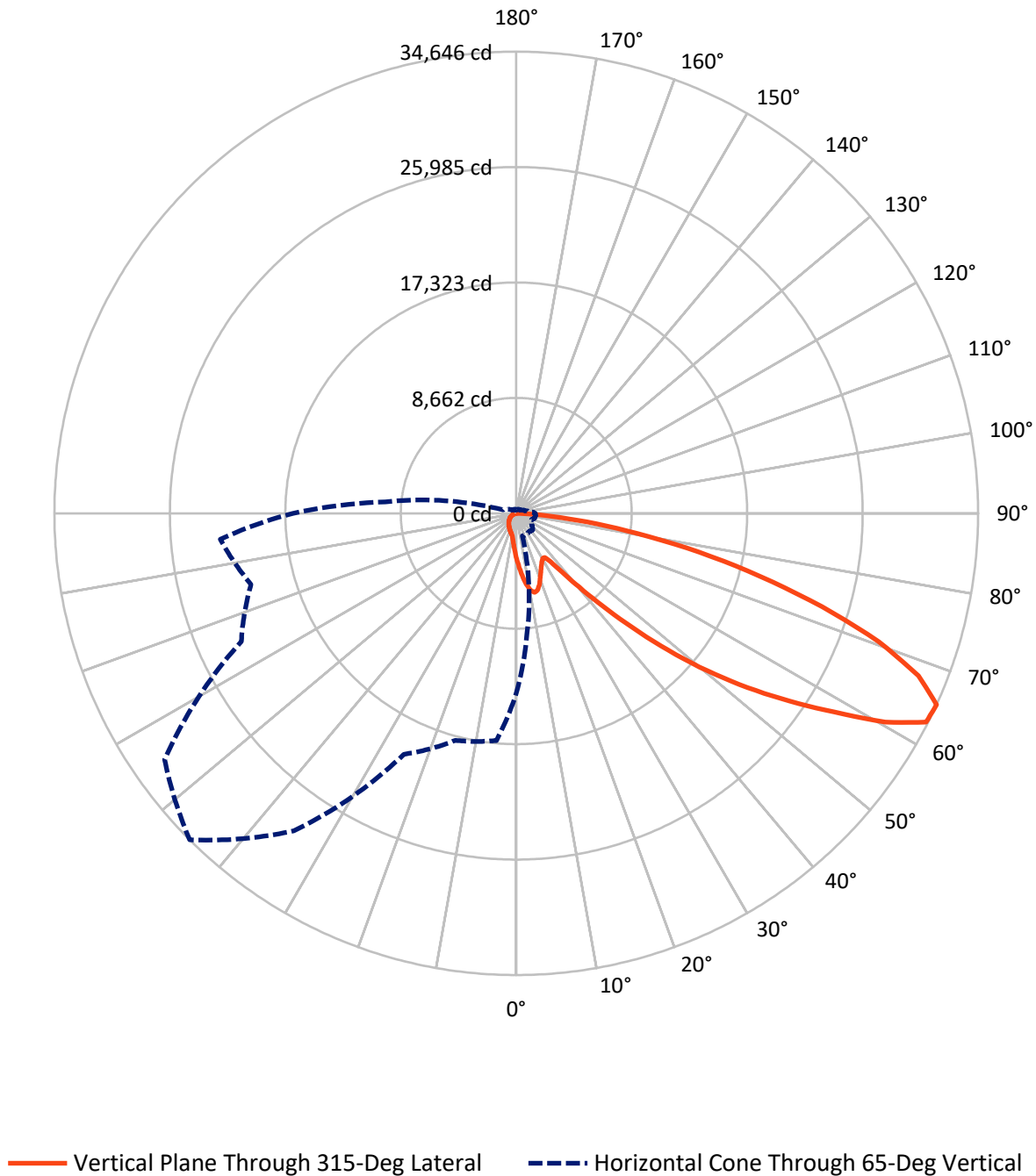
× Max cd  
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.6 fc  
Type IV - Short - N/A

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## Luminous Intensity Polar Plot



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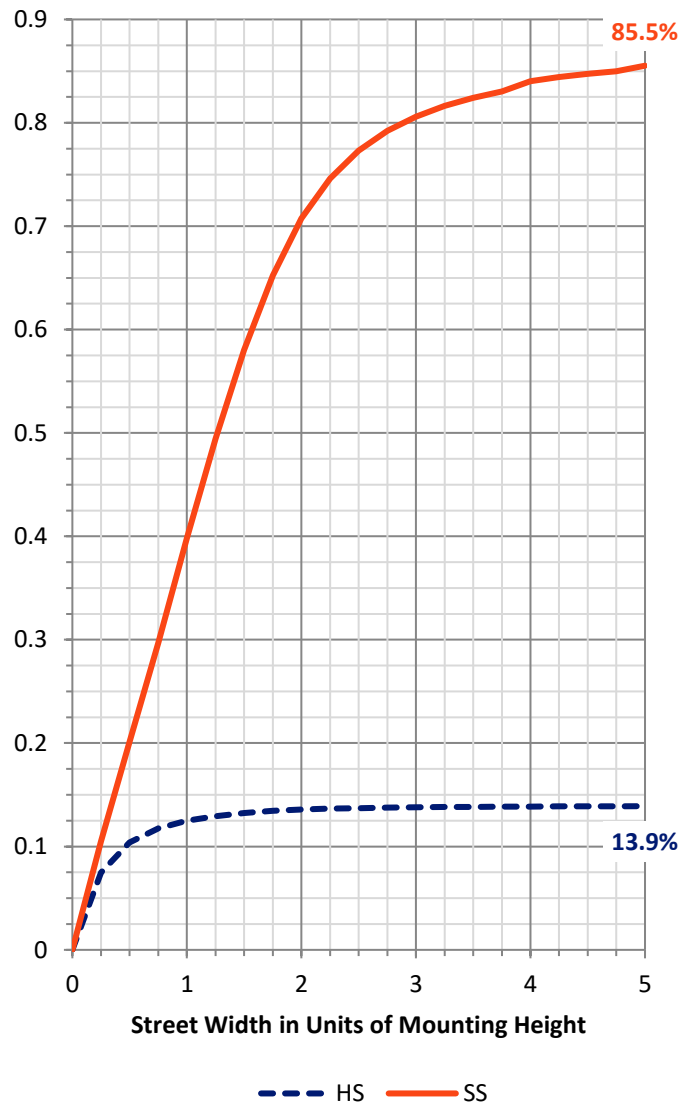
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 3452.3   | 0.0    | 3452.3  |
|                    | % Fixture | 14.0     | 0.0    | 14.0    |
| <b>Street Side</b> | Lumens    | 21199.7  | 0.0    | 21199.7 |
|                    | % Fixture | 86.0     | 0.0    | 86.0    |
| <b>Total</b>       | Lumens    | 24652.0  | 0.0    | 24652.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 336.1   | 1.4       |
| 10°-20°   | 1007.4  | 4.1       |
| 20°-30°   | 1484.2  | 6.0       |
| 30°-40°   | 1906.8  | 7.7       |
| 40°-50°   | 3083.8  | 12.5      |
| 50°-60°   | 5407.7  | 21.9      |
| 60°-70°   | 6766.5  | 27.4      |
| 70°-80°   | 3954.0  | 16.0      |
| 80°-90°   | 705.5   | 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°    | 24652.0 | 100.0     |
| 0°-180°   | 24652.0 | 100.0     |

**Coefficient of Utilization**



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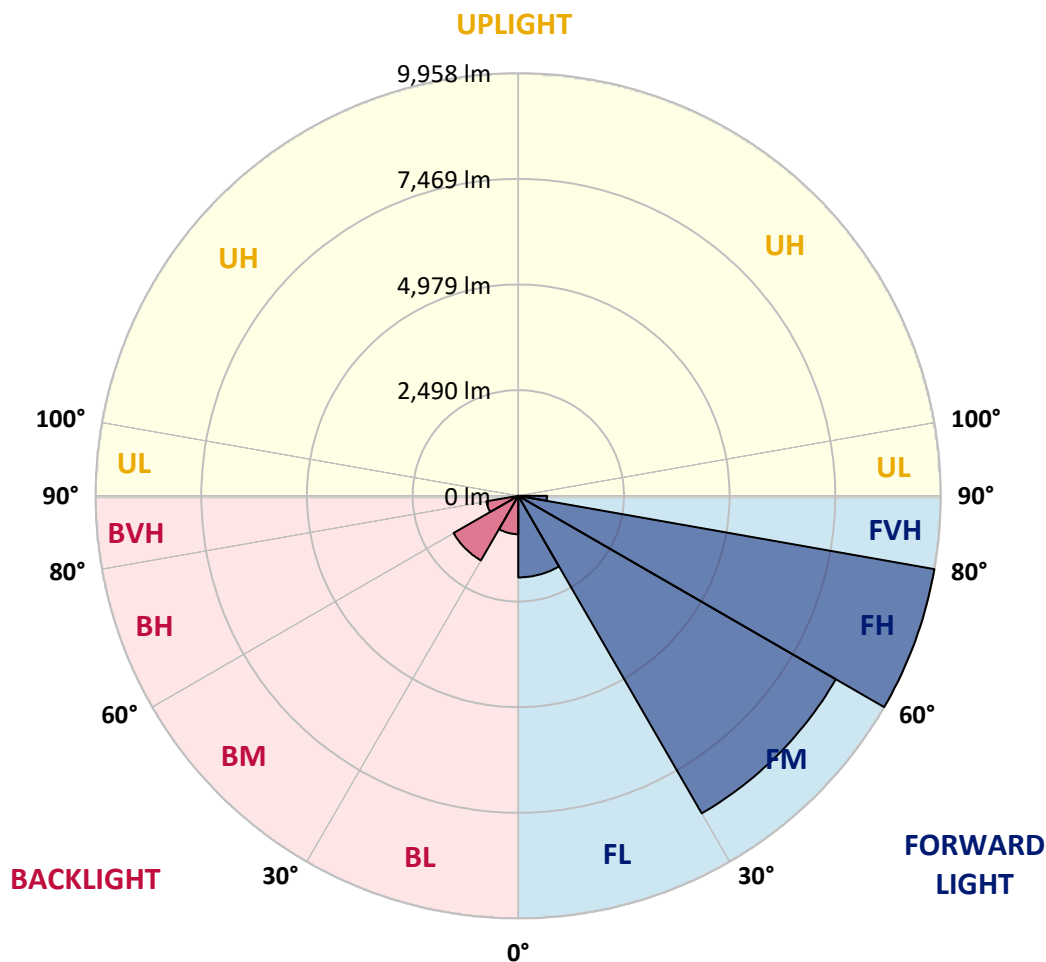
CATALOG NUMBER: GLAN-SB3D-760-U-SLR-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|--------|-----------|-------------------------|------|----------|
|      |             |        |           | B                       | U    | G        |
| FL   | (0°-30°)    | 1922.8 | 7.8       |                         |      |          |
| FM   | (30°-60°)   | 8640.3 | 35.0      |                         |      |          |
| FH   | (60°-80°)   | 9958.3 | 40.4      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 678.4  | 2.8       |                         |      | G4/750   |
| BL   | (0°-30°)    | 904.9  | 3.7       | B2/1000                 |      |          |
| BM   | (30°-60°)   | 1758.0 | 7.1       | B2/2500                 |      |          |
| BH   | (60°-80°)   | 762.3  | 3.1       | B2/1000                 |      | G2/1000  |
| BVH  | (80°-90°)   | 27.1   | 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°    | 3413.5  | 3413.5  | 3413.5 | 3413.5 | 3413.5 | 3413.5 | 3413.5 | 3413.5 | 3413.5 | 3413.5 |
| 2.5°  | 3856.8  | 3790.5  | 3751.5 | 3654.7 | 3557.9 | 3479.7 | 3374.5 | 3304.8 | 3221.6 | 3141.8 |
| 5°    | 4298.3  | 4191.3  | 4062.3 | 3885.6 | 3724.3 | 3559.6 | 3399.9 | 3242.0 | 3075.6 | 2922.7 |
| 7.5°  | 4671.9  | 4517.4  | 4289.8 | 4055.5 | 3850.0 | 3651.3 | 3464.5 | 3255.6 | 3053.5 | 2814.0 |
| 10°   | 4957.2  | 4760.2  | 4461.3 | 4154.0 | 3917.9 | 3717.5 | 3535.8 | 3359.2 | 3155.4 | 2866.7 |
| 12.5° | 5130.5  | 4919.9  | 4564.9 | 4204.9 | 3934.9 | 3710.7 | 3569.8 | 3491.6 | 3411.8 | 3124.8 |
| 15°   | 5257.8  | 5030.3  | 4638.0 | 4240.6 | 3895.8 | 3620.7 | 3517.1 | 3595.2 | 3686.9 | 3503.5 |
| 17.5° | 5390.3  | 5150.8  | 4733.1 | 4255.9 | 3790.5 | 3445.8 | 3401.6 | 3603.7 | 3816.0 | 3807.5 |
| 20°   | 5516.0  | 5278.2  | 4816.3 | 4245.7 | 3620.7 | 3233.5 | 3272.6 | 3530.7 | 3776.9 | 3880.5 |
| 22.5° | 5660.3  | 5409.0  | 4896.1 | 4206.6 | 3399.9 | 3034.8 | 3157.1 | 3415.2 | 3630.9 | 3753.2 |
| 25°   | 5836.9  | 5573.7  | 5008.2 | 4148.9 | 3162.2 | 2870.1 | 3039.9 | 3281.0 | 3456.0 | 3540.9 |
| 27.5° | 6027.1  | 5770.7  | 5157.6 | 4118.3 | 2970.3 | 2752.9 | 2907.4 | 3121.4 | 3277.7 | 3337.1 |
| 30°   | 6263.2  | 6000.0  | 5334.3 | 4084.3 | 2844.6 | 2685.0 | 2769.9 | 2936.3 | 3089.1 | 3148.6 |
| 32.5° | 6521.3  | 6254.7  | 5504.1 | 4002.8 | 2768.2 | 2634.0 | 2635.7 | 2741.0 | 2880.3 | 2951.6 |
| 35°   | 6844.0  | 6560.4  | 5685.8 | 3824.5 | 2707.0 | 2574.6 | 2504.9 | 2555.9 | 2671.4 | 2756.3 |
| 37.5° | 7304.2  | 6961.2  | 5908.3 | 3569.8 | 2617.0 | 2482.9 | 2367.4 | 2379.3 | 2467.6 | 2561.0 |
| 40°   | 7939.4  | 7499.5  | 6169.8 | 3304.8 | 2488.0 | 2353.8 | 2216.2 | 2211.1 | 2275.7 | 2367.4 |
| 42.5° | 8798.7  | 8211.1  | 6484.0 | 3051.8 | 2364.0 | 2197.6 | 2056.6 | 2048.1 | 2099.1 | 2178.9 |
| 45°   | 9933.2  | 9121.4  | 6869.5 | 2834.4 | 2267.2 | 2044.7 | 1905.5 | 1902.1 | 1944.5 | 2014.1 |
| 47.5° | 11385.2 | 10386.6 | 7255.0 | 2686.7 | 2216.2 | 1924.1 | 1781.5 | 1788.3 | 1825.6 | 1888.5 |
| 50°   | 13265.2 | 12035.6 | 7372.2 | 2611.9 | 2216.2 | 1859.6 | 1671.1 | 1705.1 | 1735.6 | 1783.2 |
| 52.5° | 15518.7 | 13618.4 | 6985.0 | 2544.0 | 2229.8 | 1868.1 | 1577.7 | 1650.7 | 1672.8 | 1713.5 |
| 55°   | 17607.6 | 14394.5 | 6005.1 | 2450.6 | 2233.2 | 1920.7 | 1497.9 | 1606.6 | 1647.3 | 1662.6 |
| 57.5° | 18820.2 | 14127.9 | 4855.3 | 2292.7 | 2219.6 | 1956.4 | 1446.9 | 1552.2 | 1630.3 | 1640.5 |
| 60°   | 18589.2 | 13192.1 | 3574.8 | 2172.1 | 2119.4 | 1942.8 | 1431.6 | 1469.0 | 1593.0 | 1608.3 |
| 62.5° | 16809.4 | 11622.9 | 2481.2 | 2078.7 | 1898.7 | 1883.4 | 1426.5 | 1338.2 | 1511.5 | 1548.8 |
| 65°   | 13511.4 | 9150.3  | 1752.6 | 1790.0 | 1664.3 | 1754.3 | 1399.4 | 1202.4 | 1413.0 | 1463.9 |
| 67.5° | 9802.4  | 6191.9  | 1265.2 | 1450.3 | 1508.1 | 1545.4 | 1338.2 | 1103.9 | 1300.9 | 1368.8 |
| 70°   | 6290.4  | 3343.9  | 888.2  | 957.8  | 1270.3 | 1312.8 | 1232.9 | 1015.6 | 1187.1 | 1265.2 |
| 72.5° | 4471.5  | 1975.1  | 638.5  | 670.8  | 1020.7 | 1093.7 | 1085.2 | 917.1  | 1054.6 | 1149.7 |
| 75°   | 3085.7  | 1088.6  | 431.4  | 478.9  | 740.4  | 888.2  | 837.2  | 788.0  | 893.3  | 990.1  |
| 77.5° | 1934.3  | 487.4   | 258.1  | 332.9  | 485.7  | 698.0  | 574.0  | 609.7  | 696.3  | 786.3  |
| 80°   | 1076.7  | 188.5   | 144.4  | 220.8  | 264.9  | 507.8  | 317.6  | 392.3  | 512.9  | 577.4  |
| 82.5° | 234.4   | 23.8    | 64.5   | 95.1   | 103.6  | 295.5  | 168.1  | 227.6  | 322.7  | 317.6  |
| 85°   | 0.0     | 0.0     | 11.9   | 13.6   | 6.8    | 127.4  | 61.1   | 74.7   | 105.3  | 98.5   |
| 87.5° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.4    |
| 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°   |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 3413.5 | 0°    | 3413.5 | 3413.5 | 3413.5 | 3413.5 | 3413.5 | 3413.5 | 3413.5 | 3413.5 | 3413.5 | 3413.5 |
| 3070.5 | 2.5°  | 3056.9 | 2973.7 | 2912.5 | 2882.0 | 2856.5 | 2880.3 | 2893.8 | 2893.8 | 2951.6 | 2985.6 |
| 2829.3 | 5°    | 2769.9 | 2620.4 | 2506.6 | 2430.2 | 2384.4 | 2399.6 | 2416.6 | 2435.3 | 2508.3 | 2557.6 |
| 2686.7 | 7.5°  | 2571.2 | 2341.9 | 2168.7 | 2061.7 | 2005.7 | 2014.1 | 2026.0 | 2041.3 | 2112.6 | 2161.9 |
| 2707.0 | 10°   | 2533.8 | 2204.3 | 1959.8 | 1818.8 | 1750.9 | 1739.0 | 1732.2 | 1727.1 | 1769.6 | 1807.0 |
| 2938.0 | 12.5° | 2686.7 | 2211.1 | 1869.8 | 1698.3 | 1615.1 | 1579.4 | 1538.6 | 1506.4 | 1513.2 | 1536.9 |
| 3287.8 | 15°   | 2960.1 | 2297.8 | 1840.9 | 1635.4 | 1531.8 | 1472.4 | 1424.8 | 1385.8 | 1377.3 | 1385.8 |
| 3593.5 | 17.5° | 3272.6 | 2414.9 | 1837.5 | 1581.1 | 1452.0 | 1390.9 | 1351.8 | 1316.2 | 1304.3 | 1306.0 |
| 3765.1 | 20°   | 3479.7 | 2508.3 | 1827.3 | 1519.9 | 1375.6 | 1321.3 | 1287.3 | 1251.6 | 1239.7 | 1243.1 |
| 3717.5 | 22.5° | 3500.1 | 2557.6 | 1812.0 | 1452.0 | 1299.2 | 1253.3 | 1219.4 | 1187.1 | 1185.4 | 1185.4 |
| 3539.2 | 25°   | 3389.7 | 2557.6 | 1779.8 | 1390.9 | 1226.1 | 1185.4 | 1154.8 | 1115.8 | 1122.6 | 1125.9 |
| 3337.1 | 27.5° | 3218.2 | 2496.4 | 1718.6 | 1341.6 | 1163.3 | 1120.9 | 1090.3 | 1054.6 | 1063.1 | 1068.2 |
| 3148.6 | 30°   | 3048.4 | 2418.3 | 1645.6 | 1285.6 | 1103.9 | 1054.6 | 1032.5 | 1002.0 | 1005.4 | 1012.2 |
| 2961.8 | 32.5° | 2890.4 | 2335.1 | 1559.0 | 1239.7 | 1044.4 | 995.2  | 978.2  | 944.2  | 949.3  | 956.1  |
| 2778.4 | 35°   | 2734.2 | 2243.4 | 1457.1 | 1185.4 | 990.1  | 940.8  | 927.3  | 888.2  | 891.6  | 901.8  |
| 2594.9 | 37.5° | 2566.1 | 2146.6 | 1373.9 | 1131.0 | 937.4  | 886.5  | 872.9  | 832.1  | 835.5  | 847.4  |
| 2404.7 | 40°   | 2389.5 | 2051.5 | 1292.4 | 1073.3 | 881.4  | 830.5  | 818.6  | 774.4  | 777.8  | 791.4  |
| 2217.9 | 42.5° | 2211.1 | 1947.9 | 1229.5 | 998.6  | 823.7  | 769.3  | 757.4  | 716.7  | 721.8  | 737.0  |
| 2054.9 | 45°   | 2046.4 | 1823.9 | 1188.8 | 915.4  | 769.3  | 708.2  | 696.3  | 658.9  | 669.1  | 686.1  |
| 1917.3 | 47.5° | 1905.5 | 1696.6 | 1171.8 | 845.7  | 711.6  | 645.3  | 635.2  | 604.6  | 621.6  | 640.2  |
| 1800.2 | 50°   | 1784.9 | 1574.3 | 1149.7 | 774.4  | 657.2  | 591.0  | 580.8  | 560.4  | 582.5  | 601.2  |
| 1720.3 | 52.5° | 1698.3 | 1435.0 | 1102.2 | 709.9  | 609.7  | 545.1  | 541.7  | 531.6  | 551.9  | 568.9  |
| 1660.9 | 55°   | 1623.5 | 1290.7 | 1025.8 | 653.8  | 567.2  | 506.1  | 509.5  | 504.4  | 521.4  | 535.0  |
| 1625.2 | 57.5° | 1555.6 | 1165.0 | 929.0  | 609.7  | 521.4  | 472.1  | 482.3  | 475.5  | 484.0  | 492.5  |
| 1587.9 | 60°   | 1474.1 | 1037.6 | 813.5  | 560.4  | 467.0  | 438.2  | 450.0  | 431.4  | 429.7  | 433.1  |
| 1519.9 | 62.5° | 1353.5 | 866.1  | 692.9  | 499.3  | 419.5  | 400.8  | 405.9  | 370.2  | 343.0  | 343.0  |
| 1419.7 | 65°   | 1185.4 | 696.3  | 580.8  | 431.4  | 365.1  | 349.8  | 346.4  | 295.5  | 258.1  | 254.7  |
| 1311.1 | 67.5° | 990.1  | 572.3  | 482.3  | 363.4  | 304.0  | 293.8  | 297.2  | 259.8  | 222.5  | 219.1  |
| 1202.4 | 70°   | 806.7  | 473.8  | 388.9  | 290.4  | 234.4  | 244.6  | 259.8  | 222.5  | 186.8  | 181.7  |
| 1075.0 | 72.5° | 655.5  | 377.0  | 304.0  | 222.5  | 173.2  | 202.1  | 220.8  | 181.7  | 147.7  | 144.4  |
| 917.1  | 75°   | 506.1  | 276.8  | 217.4  | 151.1  | 125.7  | 156.2  | 173.2  | 132.5  | 105.3  | 100.2  |
| 709.9  | 77.5° | 338.0  | 171.5  | 122.3  | 95.1   | 74.7   | 107.0  | 115.5  | 69.6   | 61.1   | 59.4   |
| 516.3  | 80°   | 205.5  | 79.8   | 52.6   | 45.9   | 25.5   | 39.1   | 45.9   | 28.9   | 32.3   | 34.0   |
| 275.1  | 82.5° | 103.6  | 22.1   | 8.5    | 1.7    | 0.0    | 0.0    | 13.6   | 6.8    | 13.6   | 17.0   |
| 74.7   | 85°   | 8.5    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.4    | 8.5    |
| 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°    |
|--------|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 3413.5 | 0°    | 3413.5 | 3413.5 | 3413.5 | 3413.5 | 3413.5 | 3413.5 | 3413.5 | 3413.5  | 3413.5  | 3413.5  |
| 2999.1 | 2.5°  | 3094.2 | 3165.6 | 3233.5 | 3342.2 | 3454.3 | 3564.7 | 3676.7 | 3785.4  | 3824.5  | 3853.4  |
| 2589.9 | 5°    | 2737.6 | 2871.8 | 3028.0 | 3243.7 | 3474.7 | 3712.4 | 3953.6 | 4174.3  | 4274.5  | 4342.5  |
| 2204.3 | 7.5°  | 2369.1 | 2544.0 | 2768.2 | 3092.5 | 3454.3 | 3833.0 | 4211.7 | 4559.8  | 4721.2  | 4851.9  |
| 1840.9 | 10°   | 2004.0 | 2194.2 | 2477.8 | 2848.0 | 3337.1 | 3880.5 | 4403.6 | 4882.5  | 5091.4  | 5256.1  |
| 1579.4 | 12.5° | 1683.0 | 1861.3 | 2158.5 | 2567.8 | 3153.7 | 3843.2 | 4514.0 | 5089.7  | 5335.9  | 5521.1  |
| 1392.6 | 15°   | 1457.1 | 1582.8 | 1846.0 | 2287.6 | 2936.3 | 3722.6 | 4520.8 | 5188.2  | 5458.2  | 5651.8  |
| 1314.5 | 17.5° | 1331.4 | 1373.9 | 1545.4 | 2002.3 | 2695.1 | 3564.7 | 4457.9 | 5222.2  | 5510.9  | 5690.9  |
| 1244.8 | 20°   | 1263.5 | 1270.3 | 1317.9 | 1632.0 | 2386.1 | 3416.9 | 4398.5 | 5256.1  | 5560.1  | 5711.3  |
| 1195.6 | 22.5° | 1209.2 | 1209.2 | 1221.1 | 1334.8 | 1987.0 | 3240.3 | 4379.8 | 5315.6  | 5628.1  | 5721.5  |
| 1139.5 | 25°   | 1159.9 | 1159.9 | 1163.3 | 1193.9 | 1574.3 | 2970.3 | 4367.9 | 5407.3  | 5721.5  | 5746.9  |
| 1083.5 | 27.5° | 1109.0 | 1110.7 | 1110.7 | 1127.6 | 1268.6 | 2603.4 | 4317.0 | 5526.2  | 5833.5  | 5780.9  |
| 1029.1 | 30°   | 1058.0 | 1061.4 | 1061.4 | 1073.3 | 1122.6 | 2173.8 | 4216.8 | 5668.8  | 5979.6  | 5825.0  |
| 974.8  | 32.5° | 1007.1 | 1010.5 | 1010.5 | 1020.7 | 1056.3 | 1735.6 | 4091.1 | 5799.6  | 6127.3  | 5843.7  |
| 922.2  | 35°   | 954.4  | 959.5  | 956.1  | 969.7  | 1007.1 | 1380.7 | 3931.5 | 5930.3  | 6287.0  | 5903.2  |
| 871.2  | 37.5° | 901.8  | 905.2  | 903.5  | 917.1  | 959.5  | 1192.2 | 3746.4 | 6028.8  | 6504.4  | 6035.6  |
| 816.9  | 40°   | 849.1  | 847.4  | 847.4  | 862.7  | 908.6  | 1137.8 | 3513.7 | 6185.1  | 6816.8  | 6268.3  |
| 762.5  | 42.5° | 794.8  | 794.8  | 791.4  | 808.4  | 864.4  | 1097.1 | 3291.2 | 6465.3  | 7272.0  | 6638.5  |
| 711.6  | 45°   | 745.5  | 743.8  | 737.0  | 752.3  | 822.0  | 1025.8 | 3213.1 | 6988.4  | 7944.5  | 7238.0  |
| 660.6  | 47.5° | 698.0  | 696.3  | 679.3  | 692.9  | 771.0  | 961.2  | 3505.2 | 7844.3  | 8876.8  | 8119.4  |
| 619.9  | 50°   | 655.5  | 657.2  | 625.0  | 636.8  | 720.1  | 912.0  | 4138.7 | 8955.0  | 10114.9 | 9306.5  |
| 585.9  | 52.5° | 616.5  | 616.5  | 574.0  | 580.8  | 657.2  | 867.8  | 4741.6 | 10159.0 | 11748.6 | 10962.3 |
| 550.2  | 55°   | 577.4  | 574.0  | 526.5  | 529.9  | 594.4  | 805.0  | 4831.6 | 11334.2 | 13976.7 | 13453.7 |
| 511.2  | 57.5° | 533.3  | 526.5  | 482.3  | 482.3  | 536.7  | 759.1  | 4187.9 | 12237.7 | 16741.5 | 17115.1 |
| 438.2  | 60°   | 478.9  | 473.8  | 444.9  | 436.5  | 490.8  | 799.9  | 2955.0 | 12343.0 | 18524.7 | 21984.0 |
| 348.1  | 62.5° | 409.3  | 416.1  | 400.8  | 388.9  | 446.6  | 830.5  | 1750.9 | 11495.6 | 18093.3 | 23532.9 |
| 270.0  | 65°   | 322.7  | 349.8  | 346.4  | 338.0  | 490.8  | 699.7  | 1034.2 | 9868.6  | 16770.4 | 22282.9 |
| 236.1  | 67.5° | 275.1  | 293.8  | 288.7  | 288.7  | 514.6  | 531.6  | 650.4  | 7710.1  | 14949.8 | 20800.4 |
| 197.0  | 70°   | 234.4  | 253.0  | 234.4  | 234.4  | 388.9  | 322.7  | 450.0  | 5383.5  | 12984.9 | 19159.8 |
| 157.9  | 72.5° | 193.6  | 212.3  | 191.9  | 178.3  | 310.8  | 241.2  | 329.5  | 3364.3  | 11120.2 | 17451.4 |
| 112.1  | 75°   | 147.7  | 169.8  | 154.5  | 137.6  | 205.5  | 180.0  | 249.6  | 1954.7  | 9213.1  | 14931.1 |
| 67.9   | 77.5° | 93.4   | 122.3  | 115.5  | 96.8   | 151.1  | 130.8  | 180.0  | 1163.3  | 7108.9  | 11667.1 |
| 40.8   | 80°   | 57.7   | 62.8   | 64.5   | 61.1   | 86.6   | 88.3   | 122.3  | 662.3   | 4865.5  | 8131.3  |
| 25.5   | 82.5° | 37.4   | 37.4   | 28.9   | 32.3   | 42.5   | 50.9   | 69.6   | 249.6   | 2859.9  | 4950.4  |
| 15.3   | 85°   | 27.2   | 23.8   | 15.3   | 15.3   | 20.4   | 25.5   | 27.2   | 76.4    | 1159.9  | 1954.7  |
| 6.8    | 87.5° | 13.6   | 11.9   | 5.1    | 6.8    | 10.2   | 8.5    | 6.8    | 3.4     | 292.1   | 625.0   |
| 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):**

| 285°    |       | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 360°    |
|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|
| 3413.5  | 0°    | 3413.5  | 3413.5  | 3413.5  | 3413.5  | 3413.5  | 3413.5  | 3413.5  | 3413.5  |
| 3917.9  | 2.5°  | 3951.9  | 4004.5  | 4007.9  | 4007.9  | 3962.1  | 3960.4  | 3867.0  | 3856.8  |
| 4495.3  | 5°    | 4653.2  | 4687.2  | 4695.7  | 4678.7  | 4587.0  | 4519.1  | 4337.4  | 4298.3  |
| 5084.6  | 7.5°  | 5295.2  | 5363.1  | 5363.1  | 5322.4  | 5172.9  | 5033.7  | 4770.4  | 4671.9  |
| 5572.0  | 10°   | 5808.1  | 5886.2  | 5869.2  | 5786.0  | 5597.5  | 5405.6  | 5086.3  | 4957.2  |
| 5867.5  | 12.5° | 6057.7  | 6137.5  | 6093.4  | 5998.3  | 5814.9  | 5612.8  | 5276.5  | 5130.5  |
| 5952.4  | 15°   | 6052.6  | 6030.5  | 5984.7  | 5972.8  | 5884.5  | 5731.6  | 5417.5  | 5257.8  |
| 5899.8  | 17.5° | 5836.9  | 5650.1  | 5614.5  | 5733.3  | 5845.4  | 5808.1  | 5539.7  | 5390.3  |
| 5774.1  | 20°   | 5495.6  | 5169.5  | 5137.3  | 5364.8  | 5684.1  | 5847.1  | 5653.5  | 5516.0  |
| 5592.4  | 22.5° | 5135.6  | 4784.0  | 4709.3  | 4960.6  | 5441.2  | 5859.0  | 5797.9  | 5660.3  |
| 5392.0  | 25°   | 4794.2  | 4441.0  | 4366.2  | 4600.6  | 5171.2  | 5838.6  | 5954.1  | 5836.9  |
| 5200.1  | 27.5° | 4508.9  | 4167.5  | 4097.9  | 4332.3  | 4911.4  | 5780.9  | 6110.4  | 6027.1  |
| 5009.9  | 30°   | 4288.1  | 3972.2  | 3921.3  | 4147.2  | 4687.2  | 5709.6  | 6309.1  | 6263.2  |
| 4833.3  | 32.5° | 4159.1  | 3928.1  | 3946.8  | 4131.9  | 4566.6  | 5631.4  | 6499.3  | 6521.3  |
| 4746.7  | 35°   | 4286.4  | 4296.6  | 4459.6  | 4536.1  | 4678.7  | 5619.6  | 6757.4  | 6844.0  |
| 4850.2  | 37.5° | 4919.9  | 5273.1  | 5611.1  | 5548.2  | 5227.3  | 5757.1  | 7142.9  | 7304.2  |
| 5302.0  | 40°   | 5998.3  | 6723.4  | 7272.0  | 7032.5  | 6224.1  | 6178.3  | 7698.2  | 7939.4  |
| 6103.6  | 42.5° | 7316.1  | 8545.7  | 9449.1  | 8807.2  | 7509.7  | 6915.3  | 8491.3  | 8798.7  |
| 7073.3  | 45°   | 8707.0  | 10792.5 | 12215.6 | 10880.8 | 8880.2  | 7947.9  | 9692.0  | 9933.2  |
| 7981.8  | 47.5° | 10172.6 | 13523.3 | 15364.2 | 13180.2 | 10150.5 | 9123.1  | 11329.1 | 11385.2 |
| 8842.9  | 50°   | 11775.8 | 16517.3 | 18573.9 | 15478.0 | 11376.7 | 10469.8 | 13329.7 | 13265.2 |
| 9846.5  | 52.5° | 13302.5 | 19596.3 | 21715.7 | 17785.9 | 12453.4 | 12140.9 | 15651.2 | 15518.7 |
| 11218.7 | 55°   | 14759.6 | 22673.5 | 24876.2 | 20003.9 | 13468.9 | 14348.6 | 18409.2 | 17607.6 |
| 13197.2 | 57.5° | 16449.4 | 25440.0 | 28133.5 | 22232.0 | 14888.7 | 17215.3 | 21493.2 | 18820.2 |
| 16986.0 | 60°   | 18947.5 | 28583.5 | 31817.0 | 25285.5 | 17588.9 | 20228.0 | 22598.8 | 18589.2 |
| 21523.8 | 62.5° | 22136.9 | 31474.0 | 34495.2 | 28277.8 | 20301.1 | 20795.3 | 20970.2 | 16809.4 |
| 20598.3 | 65°   | 22756.8 | 32205.9 | 34646.3 | 29077.7 | 19951.2 | 17639.9 | 17120.2 | 13511.4 |
| 18399.0 | 67.5° | 21112.8 | 30883.0 | 32533.7 | 27588.3 | 17648.4 | 13632.0 | 12847.4 | 9802.4  |
| 16955.5 | 70°   | 19268.5 | 28361.0 | 28851.8 | 25056.2 | 15522.1 | 10026.6 | 8676.4  | 6290.4  |
| 15967.1 | 72.5° | 17378.3 | 24996.8 | 23981.2 | 21759.9 | 13642.2 | 7300.8  | 6258.1  | 4471.5  |
| 14559.2 | 75°   | 15133.2 | 20572.8 | 18889.8 | 18079.7 | 11295.2 | 5729.9  | 4527.6  | 3085.7  |
| 12523.0 | 77.5° | 12118.8 | 14481.1 | 14031.1 | 14014.1 | 8487.9  | 4186.2  | 3021.2  | 1934.3  |
| 9783.7  | 80°   | 8549.1  | 9398.2  | 9168.9  | 10554.7 | 5694.3  | 3036.5  | 1818.8  | 1076.7  |
| 6810.0  | 82.5° | 4138.7  | 5196.7  | 5334.3  | 6285.3  | 2769.9  | 1786.6  | 419.5   | 234.4   |
| 2662.9  | 85°   | 1620.1  | 2506.6  | 2114.3  | 2386.1  | 777.8   | 497.6   | 10.2    | 0.0     |
| 438.2   | 87.5° | 181.7   | 290.4   | 266.6   | 210.6   | 95.1    | 20.4    | 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)