

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: P455512

Luminaire Tested: **GLAN-SA6D-722-U-SLR**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P455512  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-22)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/4/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA6D-722-U-SLR  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(6) 70 CRI, 2200K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 29068 lumens  
Efficiency: N/A  
Efficacy: 79.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B3 - U0 - G4

Input Watts (W): 368  
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



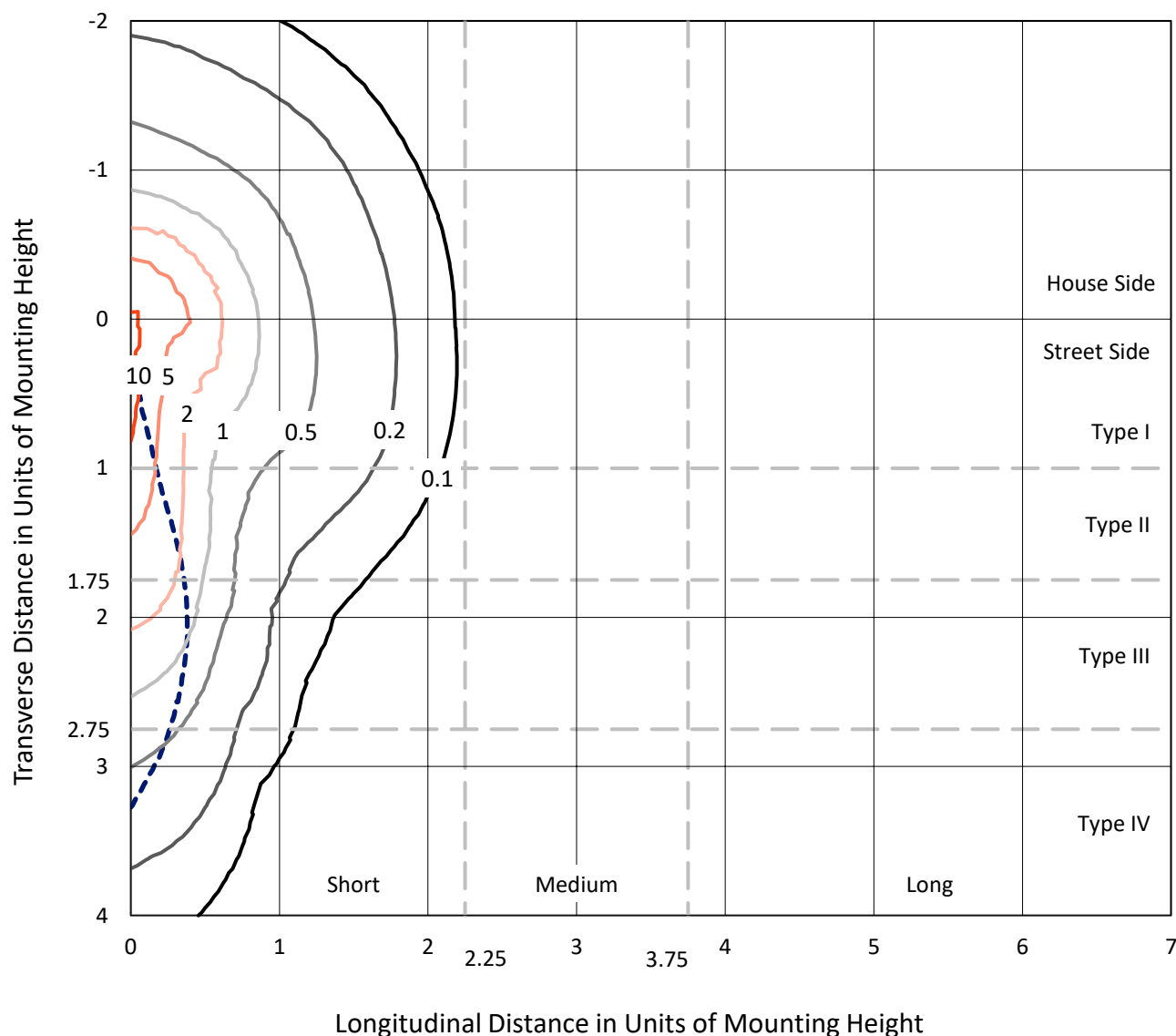
REPORT NUMBER: P455512

CATALOG NUMBER: GLAN-SA6D-722-U-SLR

## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd



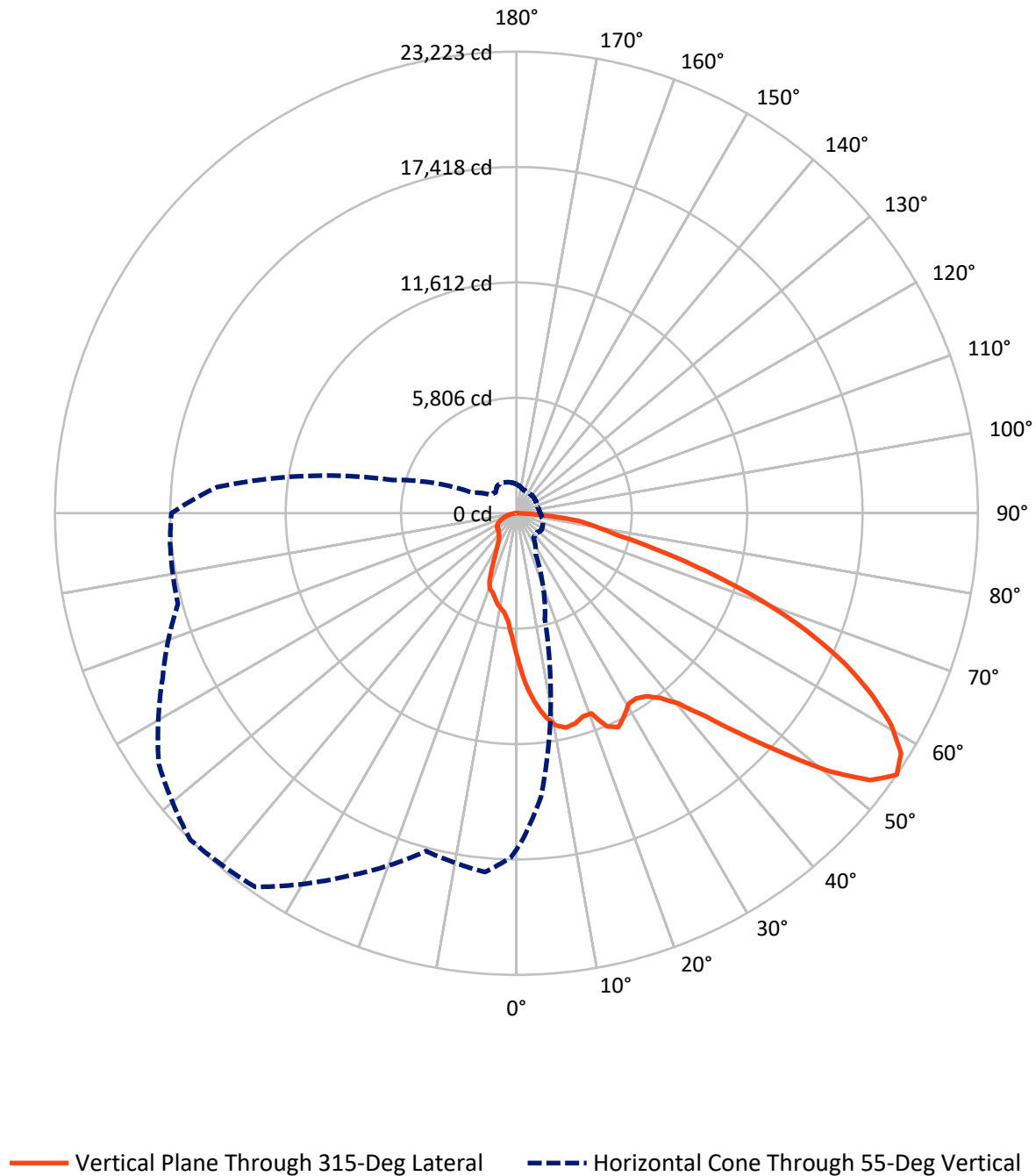
Based on 25 foot mounting height. Maximum calculated value = 12.5 fc

Type IV - Short - N/A

REPORT NUMBER: P455512

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## Luminous Intensity Polar Plot



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**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 6358.5   | 0.0    | 6358.5  |
|                    | % Fixture | 21.9     | 0.0    | 21.9    |
| <b>Street Side</b> | Lumens    | 22709.5  | 0.0    | 22709.5 |
|                    | % Fixture | 78.1     | 0.0    | 78.1    |
| <b>Total</b>       | Lumens    | 29068.0  | 0.0    | 29068.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 618.3   | 2.1       |
| 10°-20°   | 1640.3  | 5.6       |
| 20°-30°   | 2833.7  | 9.7       |
| 30°-40°   | 3293.2  | 11.3      |
| 40°-50°   | 4594.6  | 15.8      |
| 50°-60°   | 6234.4  | 21.4      |
| 60°-70°   | 5931.3  | 20.4      |
| 70°-80°   | 3204.2  | 11.0      |
| 80°-90°   | 718.1   | 2.5       |
| 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°    | 29068.0 | 100.0     |
| 0°-180°   | 29068.0 | 100.0     |

**Coefficient of Utilization**



REPORT NUMBER: P455512

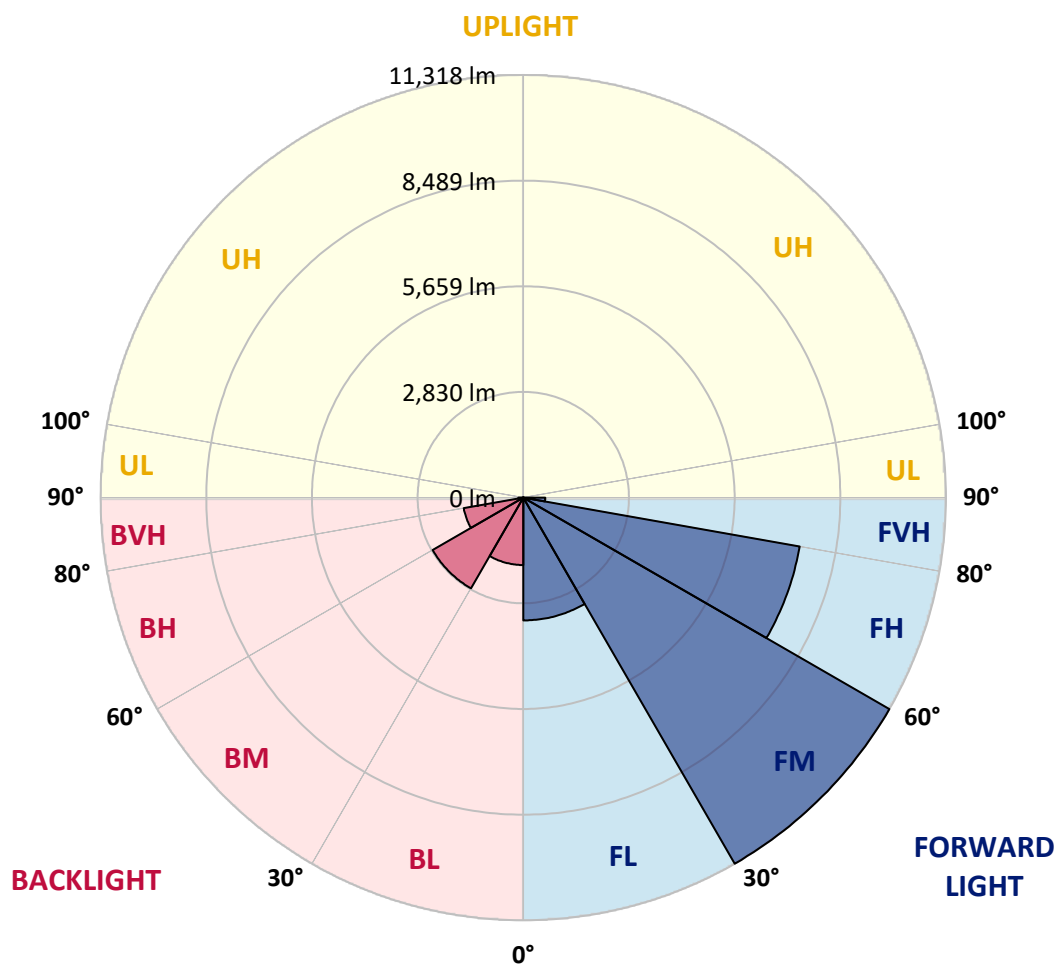
CATALOG NUMBER: GLAN-SA6D-722-U-SLR

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

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |          |
|------|-------------|---------|-----------|-------------------------|------|----------|
|      |             |         |           | B                       | U    | G        |
| FL   | (0°-30°)    | 3287.7  | 11.3      |                         |      |          |
| FM   | (30°-60°)   | 11318.5 | 38.9      |                         |      |          |
| FH   | (60°-80°)   | 7516.5  | 25.9      |                         |      | G4/12000 |
| FVH  | (80°-90°)   | 586.9   | 2.0       |                         |      | G4/750   |
| BL   | (0°-30°)    | 1804.6  | 6.2       | B3/2500                 |      |          |
| BM   | (30°-60°)   | 2803.7  | 9.6       | B3/5000                 |      |          |
| BH   | (60°-80°)   | 1619.0  | 5.6       | B3/2500                 |      | G3/2500  |
| BVH  | (80°-90°)   | 131.2   | 0.5       |                         |      | G2/225   |
| UL   | (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |          |
| UH   | (100°-180°) | 0.0     | 0.0       |                         | U0/0 |          |

**BUG Rating: B3-U0-G4**

Type IV Short





REPORT NUMBER: P455512

CATALOG NUMBER: GLAN-SA6D-722-U-SLR

**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 7294.9  | 7294.9  | 7294.9  | 7294.9 | 7294.9 | 7294.9 | 7294.9 | 7294.9 | 7294.9 | 7294.9 | 7294.9 |
| 2.5°  | 8104.2  | 8073.5  | 7987.2  | 7760.9 | 7532.7 | 7300.7 | 7122.3 | 6899.9 | 6667.8 | 6543.2 | 6384.0 |
| 5°    | 8215.4  | 8180.9  | 7977.6  | 7467.5 | 7005.4 | 6520.2 | 6132.8 | 5793.4 | 5655.3 | 5452.0 | 5289.0 |
| 7.5°  | 7954.6  | 7939.3  | 7634.4  | 6901.8 | 6269.0 | 5634.2 | 5195.1 | 4922.7 | 4675.4 | 4583.3 | 4602.5 |
| 10°   | 7716.8  | 7655.5  | 7273.8  | 6316.9 | 5578.6 | 5062.7 | 4748.2 | 4481.7 | 4307.2 | 4261.1 | 4270.7 |
| 12.5° | 7519.3  | 7436.8  | 6986.2  | 5923.8 | 5277.5 | 4865.2 | 4464.4 | 4186.3 | 4027.2 | 4071.3 | 4220.9 |
| 15°   | 7479.0  | 7367.8  | 6865.4  | 5789.5 | 5112.6 | 4581.4 | 4142.2 | 3822.0 | 3703.1 | 3799.0 | 4038.7 |
| 17.5° | 7739.8  | 7599.8  | 7072.5  | 5833.6 | 4955.3 | 4291.8 | 3752.9 | 3386.7 | 3286.9 | 3440.4 | 3752.9 |
| 20°   | 8577.9  | 8370.8  | 7718.7  | 6088.7 | 4940.0 | 4148.0 | 3526.7 | 3158.5 | 3200.6 | 3492.1 | 3818.1 |
| 22.5° | 10127.4 | 9816.7  | 8850.2  | 6460.7 | 5020.5 | 4111.5 | 3480.6 | 3288.9 | 3520.9 | 3768.3 | 3983.1 |
| 25°   | 10434.2 | 10190.7 | 9053.5  | 6545.1 | 5003.3 | 4086.6 | 3611.0 | 3706.9 | 3965.8 | 4088.5 | 4013.7 |
| 27.5° | 10606.8 | 10328.7 | 9040.0  | 6127.1 | 4474.0 | 3706.9 | 3451.9 | 3611.0 | 3676.2 | 3557.3 | 3354.1 |
| 30°   | 11009.5 | 10719.9 | 9268.2  | 5687.9 | 3683.9 | 2750.0 | 2410.5 | 2345.3 | 2389.5 | 2412.5 | 2339.6 |
| 32.5° | 11563.7 | 11278.0 | 9697.8  | 5400.2 | 3185.3 | 2274.4 | 1940.7 | 1848.7 | 1827.6 | 1802.6 | 1773.9 |
| 35°   | 12281.0 | 11841.8 | 10119.7 | 5216.1 | 2980.1 | 2103.7 | 1796.9 | 1725.9 | 1697.2 | 1662.6 | 1632.0 |
| 37.5° | 13009.7 | 12549.4 | 10652.8 | 5022.5 | 2843.9 | 1984.8 | 1701.0 | 1668.4 | 1618.5 | 1582.1 | 1538.0 |
| 40°   | 13784.4 | 13268.6 | 11138.0 | 4853.7 | 2711.6 | 1908.1 | 1632.0 | 1628.1 | 1562.9 | 1520.7 | 1469.0 |
| 42.5° | 14455.6 | 13924.4 | 11571.4 | 4750.1 | 2610.0 | 1827.6 | 1589.8 | 1601.3 | 1534.2 | 1470.9 | 1403.8 |
| 45°   | 14988.7 | 14467.1 | 11972.2 | 4750.1 | 2527.5 | 1747.0 | 1582.1 | 1574.4 | 1507.3 | 1428.7 | 1352.0 |
| 47.5° | 15456.7 | 14917.8 | 12363.4 | 4871.0 | 2475.8 | 1679.9 | 1539.9 | 1553.3 | 1484.3 | 1384.6 | 1309.8 |
| 50°   | 15819.1 | 15343.5 | 12890.8 | 5058.9 | 2424.0 | 1626.2 | 1486.2 | 1559.1 | 1465.1 | 1361.6 | 1275.3 |
| 52.5° | 16281.3 | 15855.5 | 13525.5 | 5315.9 | 2379.9 | 1566.8 | 1438.3 | 1559.1 | 1463.2 | 1363.5 | 1269.5 |
| 55°   | 16921.8 | 16473.0 | 14290.7 | 5528.7 | 2308.9 | 1511.1 | 1396.1 | 1515.0 | 1457.5 | 1353.9 | 1254.2 |
| 57.5° | 17370.5 | 17034.9 | 14831.5 | 5670.6 | 2207.3 | 1440.2 | 1357.7 | 1472.8 | 1432.5 | 1317.5 | 1208.2 |
| 58°   | 17391.6 | 17063.7 | 14910.1 | 5703.2 | 2182.3 | 1426.8 | 1348.1 | 1453.6 | 1421.0 | 1302.1 | 1192.8 |
| 60°   | 17150.0 | 16868.1 | 14925.5 | 5657.2 | 2040.4 | 1359.6 | 1298.3 | 1375.0 | 1359.6 | 1212.0 | 1110.3 |
| 62.5° | 16271.7 | 15970.6 | 14306.0 | 5283.3 | 1852.5 | 1277.2 | 1221.6 | 1269.5 | 1235.0 | 1085.4 | 991.5  |
| 65°   | 15023.3 | 14469.0 | 13032.7 | 4696.4 | 1718.3 | 1189.0 | 1118.0 | 1121.9 | 1085.4 | 978.0  | 895.6  |
| 67.5° | 13360.6 | 12741.2 | 11034.4 | 3958.1 | 1616.6 | 1091.2 | 995.3  | 985.7  | 941.6  | 872.6  | 805.4  |
| 70°   | 11314.4 | 10890.6 | 8967.2  | 3219.8 | 1503.5 | 983.8  | 857.2  | 851.5  | 824.6  | 772.8  | 713.4  |
| 72.5° | 9170.4  | 8631.6  | 7241.2  | 2577.4 | 1365.4 | 880.2  | 728.7  | 740.2  | 705.7  | 669.3  | 615.6  |
| 75°   | 6767.6  | 6414.7  | 5597.8  | 2067.3 | 1179.4 | 767.1  | 607.9  | 611.7  | 596.4  | 558.1  | 515.9  |
| 77.5° | 4456.7  | 4351.3  | 4004.2  | 1357.7 | 907.1  | 609.8  | 496.7  | 500.5  | 489.0  | 454.5  | 410.4  |
| 80°   | 2999.3  | 2928.3  | 2713.5  | 874.5  | 606.0  | 441.1  | 383.5  | 387.4  | 385.5  | 349.0  | 289.6  |
| 82.5° | 1848.7  | 1818.0  | 1748.9  | 590.7  | 420.0  | 316.4  | 253.1  | 264.6  | 285.7  | 245.5  | 197.5  |
| 85°   | 872.6   | 874.5   | 1056.7  | 322.2  | 247.4  | 203.3  | 138.1  | 147.7  | 147.7  | 147.7  | 111.2  |
| 87.5° | 113.1   | 118.9   | 145.7   | 136.2  | 90.1   | 76.7   | 49.9   | 42.2   | 36.4   | 47.9   | 34.5   |
| 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: P455512

CATALOG NUMBER: GLAN-SA6D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 7294.9 | 7294.9 | 7294.9 | 7294.9 | 7294.9 | 7294.9 | 7294.9 | 7294.9 | 7294.9 | 7294.9 | 7294.9 |
| 2.5°  | 6328.4 | 6290.1 | 6207.6 | 6188.4 | 6176.9 | 6209.5 | 6123.2 | 6146.2 | 6107.9 | 6215.3 | 6198.0 |
| 5°    | 5298.6 | 5302.4 | 5369.6 | 5413.7 | 5429.0 | 5413.7 | 5356.1 | 5256.4 | 5179.7 | 5149.0 | 5156.7 |
| 7.5°  | 4566.0 | 4633.2 | 4748.2 | 4876.7 | 4993.7 | 5028.2 | 4995.6 | 4805.8 | 4598.6 | 4468.2 | 4426.1 |
| 10°   | 4322.5 | 4412.6 | 4545.0 | 4646.6 | 4750.1 | 4832.6 | 4849.9 | 4702.2 | 4456.7 | 4148.0 | 4027.2 |
| 12.5° | 4335.9 | 4458.7 | 4585.2 | 4617.8 | 4608.2 | 4640.8 | 4625.5 | 4600.6 | 4439.5 | 4046.3 | 3845.0 |
| 15°   | 4209.4 | 4355.1 | 4443.3 | 4426.1 | 4395.4 | 4366.6 | 4326.3 | 4263.0 | 4205.5 | 3929.4 | 3706.9 |
| 17.5° | 3917.9 | 4067.4 | 4140.3 | 4146.1 | 4146.1 | 4138.4 | 4040.6 | 4017.6 | 4009.9 | 3875.7 | 3739.5 |
| 20°   | 3971.6 | 4054.0 | 4021.4 | 3967.7 | 3983.1 | 4034.8 | 3977.3 | 3965.8 | 4009.9 | 4069.4 | 4044.4 |
| 22.5° | 4002.2 | 3973.5 | 3728.0 | 3490.2 | 3436.5 | 3597.6 | 3630.2 | 3758.7 | 3937.0 | 4151.8 | 4291.8 |
| 25°   | 3812.4 | 3580.3 | 3141.2 | 2872.7 | 2721.2 | 2870.8 | 3066.4 | 3304.2 | 3570.8 | 3846.9 | 4009.9 |
| 27.5° | 3187.2 | 3010.8 | 2696.3 | 2454.7 | 2322.3 | 2345.3 | 2512.2 | 2728.9 | 2976.3 | 3162.3 | 3281.2 |
| 30°   | 2401.0 | 2322.3 | 2159.3 | 2076.9 | 1996.3 | 1977.1 | 2048.1 | 2130.6 | 2239.9 | 2262.9 | 2293.6 |
| 32.5° | 1768.1 | 1756.6 | 1766.2 | 1739.4 | 1724.0 | 1722.1 | 1701.0 | 1720.2 | 1731.7 | 1745.1 | 1718.3 |
| 35°   | 1599.4 | 1584.0 | 1557.2 | 1549.5 | 1539.9 | 1543.7 | 1534.2 | 1524.6 | 1532.2 | 1543.7 | 1551.4 |
| 37.5° | 1513.1 | 1490.1 | 1451.7 | 1438.3 | 1438.3 | 1444.0 | 1428.7 | 1424.9 | 1438.3 | 1474.7 | 1493.9 |
| 40°   | 1445.9 | 1419.1 | 1375.0 | 1357.7 | 1369.2 | 1384.6 | 1363.5 | 1355.8 | 1388.4 | 1426.8 | 1457.5 |
| 42.5° | 1382.7 | 1361.6 | 1319.4 | 1300.2 | 1309.8 | 1338.6 | 1307.9 | 1302.1 | 1344.3 | 1386.5 | 1422.9 |
| 45°   | 1329.0 | 1307.9 | 1269.5 | 1259.9 | 1263.8 | 1290.6 | 1269.5 | 1269.5 | 1309.8 | 1355.8 | 1388.4 |
| 47.5° | 1286.8 | 1259.9 | 1235.0 | 1227.3 | 1231.2 | 1246.5 | 1242.7 | 1242.7 | 1281.0 | 1329.0 | 1361.6 |
| 50°   | 1244.6 | 1221.6 | 1189.0 | 1192.8 | 1202.4 | 1223.5 | 1221.6 | 1227.3 | 1265.7 | 1325.1 | 1359.6 |
| 52.5° | 1225.4 | 1190.9 | 1154.5 | 1158.3 | 1187.1 | 1212.0 | 1204.3 | 1210.1 | 1254.2 | 1365.4 | 1415.3 |
| 55°   | 1204.3 | 1158.3 | 1116.1 | 1121.9 | 1154.5 | 1190.9 | 1181.3 | 1189.0 | 1240.8 | 1392.3 | 1461.3 |
| 57.5° | 1164.0 | 1110.3 | 1064.3 | 1068.2 | 1116.1 | 1154.5 | 1139.1 | 1148.7 | 1210.1 | 1363.5 | 1436.4 |
| 58°   | 1146.8 | 1100.8 | 1056.7 | 1058.6 | 1104.6 | 1146.8 | 1129.5 | 1137.2 | 1200.5 | 1355.8 | 1424.9 |
| 60°   | 1073.9 | 1047.1 | 1008.7 | 1010.6 | 1054.7 | 1091.2 | 1081.6 | 1089.3 | 1150.6 | 1300.2 | 1352.0 |
| 62.5° | 974.2  | 958.9  | 949.3  | 949.3  | 976.1  | 1010.6 | 1020.2 | 1029.8 | 1085.4 | 1175.6 | 1221.6 |
| 65°   | 866.8  | 866.8  | 868.7  | 868.7  | 886.0  | 930.1  | 935.8  | 960.8  | 1012.5 | 1056.7 | 1091.2 |
| 67.5° | 793.9  | 790.1  | 793.9  | 784.3  | 792.0  | 818.9  | 847.6  | 870.6  | 924.3  | 955.0  | 966.5  |
| 70°   | 700.0  | 698.0  | 700.0  | 686.5  | 696.1  | 719.1  | 738.3  | 776.7  | 832.3  | 855.3  | 861.0  |
| 72.5° | 607.9  | 607.9  | 611.7  | 602.2  | 602.2  | 627.1  | 640.5  | 682.7  | 734.5  | 747.9  | 749.8  |
| 75°   | 512.0  | 517.8  | 517.8  | 504.4  | 508.2  | 523.5  | 540.8  | 575.3  | 623.3  | 632.8  | 632.8  |
| 77.5° | 406.6  | 427.6  | 427.6  | 414.2  | 420.0  | 421.9  | 444.9  | 462.2  | 498.6  | 502.4  | 487.1  |
| 80°   | 295.3  | 316.4  | 333.7  | 322.2  | 331.8  | 320.3  | 333.7  | 345.2  | 381.6  | 364.4  | 339.4  |
| 82.5° | 210.9  | 226.3  | 239.7  | 241.6  | 232.0  | 210.9  | 228.2  | 230.1  | 247.4  | 224.4  | 210.9  |
| 85°   | 117.0  | 130.4  | 147.7  | 140.0  | 124.7  | 111.2  | 117.0  | 120.8  | 118.9  | 113.1  | 105.5  |
| 87.5° | 30.7   | 32.6   | 36.4   | 26.8   | 24.9   | 21.1   | 28.8   | 28.8   | 32.6   | 34.5   | 32.6   |
| 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: P455512

CATALOG NUMBER: GLAN-SA6D-722-U-SLR

**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°    | 270°    | 275°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0°    | 7294.9 | 7294.9 | 7294.9 | 7294.9 | 7294.9 | 7294.9 | 7294.9 | 7294.9 | 7294.9  | 7294.9  | 7294.9  |
| 2.5°  | 6211.4 | 6295.8 | 6478.0 | 6616.1 | 6784.8 | 6990.0 | 7231.6 | 7475.2 | 7737.9  | 7820.4  | 7935.4  |
| 5°    | 5139.4 | 5350.4 | 5438.6 | 5689.8 | 5939.1 | 6313.1 | 6712.0 | 7174.1 | 7680.4  | 7923.9  | 8157.9  |
| 7.5°  | 4391.5 | 4504.7 | 4596.7 | 4780.8 | 5080.0 | 5534.5 | 6035.0 | 6612.2 | 7329.5  | 7684.2  | 8027.5  |
| 10°   | 3988.8 | 4000.3 | 4113.5 | 4341.7 | 4602.5 | 5003.3 | 5477.0 | 6123.2 | 6922.9  | 7354.4  | 7757.1  |
| 12.5° | 3722.3 | 3672.4 | 3795.1 | 4032.9 | 4328.2 | 4698.4 | 5133.7 | 5749.3 | 6629.5  | 7072.5  | 7559.6  |
| 15°   | 3488.3 | 3409.7 | 3501.7 | 3745.3 | 4036.8 | 4472.1 | 4940.0 | 5592.0 | 6514.4  | 7030.3  | 7571.1  |
| 17.5° | 3494.1 | 3277.4 | 3310.0 | 3515.1 | 3804.7 | 4247.7 | 4815.3 | 5586.3 | 6688.9  | 7283.4  | 7923.9  |
| 20°   | 3925.5 | 3578.4 | 3430.8 | 3469.1 | 3749.1 | 4232.4 | 4872.9 | 5854.7 | 7262.3  | 8129.1  | 8813.8  |
| 22.5° | 4349.3 | 4140.3 | 3902.5 | 3823.9 | 3977.3 | 4483.6 | 5239.2 | 6489.5 | 8508.8  | 9814.8  | 11051.7 |
| 25°   | 4201.7 | 4380.0 | 4320.6 | 4209.4 | 4243.9 | 4663.8 | 5488.5 | 7011.1 | 9477.3  | 10948.2 | 12110.3 |
| 27.5° | 3361.7 | 3685.8 | 3751.0 | 3749.1 | 3762.5 | 4107.7 | 4936.2 | 6660.2 | 9598.1  | 11164.9 | 12275.2 |
| 30°   | 2362.6 | 2391.4 | 2425.9 | 2493.0 | 2554.4 | 2863.1 | 3862.2 | 5847.1 | 9544.4  | 11262.7 | 12374.9 |
| 32.5° | 1704.8 | 1743.2 | 1791.1 | 1883.2 | 2028.9 | 2422.1 | 3379.0 | 5588.2 | 9828.2  | 11667.3 | 12666.4 |
| 35°   | 1559.1 | 1603.2 | 1649.2 | 1754.7 | 1892.8 | 2257.1 | 3187.2 | 5480.8 | 10294.2 | 12323.1 | 13189.9 |
| 37.5° | 1513.1 | 1562.9 | 1603.2 | 1679.9 | 1791.1 | 2138.2 | 3012.7 | 5407.9 | 10771.7 | 13017.4 | 13891.8 |
| 40°   | 1480.5 | 1538.0 | 1570.6 | 1632.0 | 1708.7 | 2028.9 | 2857.4 | 5350.4 | 11233.9 | 13652.1 | 14455.6 |
| 42.5° | 1451.7 | 1511.1 | 1553.3 | 1597.4 | 1660.7 | 1931.1 | 2719.3 | 5292.9 | 11634.7 | 14267.7 | 15017.5 |
| 45°   | 1417.2 | 1492.0 | 1545.7 | 1580.2 | 1635.8 | 1848.7 | 2613.8 | 5246.8 | 12091.1 | 14814.2 | 15585.2 |
| 47.5° | 1388.4 | 1470.9 | 1538.0 | 1578.3 | 1599.4 | 1791.1 | 2529.4 | 5310.1 | 12639.6 | 15385.7 | 16112.5 |
| 50°   | 1390.3 | 1469.0 | 1553.3 | 1616.6 | 1561.0 | 1743.2 | 2477.7 | 5561.3 | 13352.9 | 16064.6 | 16528.7 |
| 52.5° | 1451.7 | 1547.6 | 1614.7 | 1630.0 | 1507.3 | 1685.7 | 2450.8 | 6000.5 | 14196.7 | 16664.8 | 16948.6 |
| 55°   | 1520.7 | 1620.5 | 1693.3 | 1683.7 | 1478.5 | 1612.8 | 2445.1 | 6468.4 | 15121.1 | 17364.8 | 17495.2 |
| 57.5° | 1495.8 | 1641.6 | 1752.8 | 1702.9 | 1480.5 | 1541.8 | 2420.1 | 6846.2 | 15893.9 | 17888.3 | 18036.0 |
| 58°   | 1488.1 | 1633.9 | 1760.4 | 1699.1 | 1474.7 | 1520.7 | 2414.4 | 6878.8 | 16001.3 | 17924.7 | 18112.7 |
| 60°   | 1413.3 | 1566.8 | 1754.7 | 1670.3 | 1442.1 | 1463.2 | 2351.1 | 6984.3 | 15972.5 | 17736.8 | 18158.7 |
| 62.5° | 1277.2 | 1403.8 | 1622.4 | 1530.3 | 1342.4 | 1386.5 | 2209.2 | 6853.9 | 15193.9 | 16831.7 | 17485.6 |
| 65°   | 1123.8 | 1217.7 | 1363.5 | 1346.2 | 1200.5 | 1307.9 | 2015.5 | 6338.0 | 13634.9 | 15362.7 | 16051.2 |
| 67.5° | 1008.7 | 1085.4 | 1177.5 | 1152.5 | 1079.7 | 1202.4 | 1806.5 | 5465.4 | 11885.9 | 13598.4 | 14465.2 |
| 70°   | 891.7  | 951.2  | 997.2  | 979.9  | 956.9  | 1098.8 | 1620.5 | 4435.6 | 10209.8 | 11922.3 | 12762.3 |
| 72.5° | 772.8  | 828.4  | 866.8  | 841.9  | 828.4  | 989.5  | 1469.0 | 3442.3 | 8063.9  | 9835.9  | 10915.6 |
| 75°   | 646.3  | 701.9  | 728.7  | 700.0  | 692.3  | 872.6  | 1244.6 | 2571.6 | 6050.3  | 7582.6  | 8514.6  |
| 77.5° | 500.5  | 560.0  | 594.5  | 584.9  | 588.7  | 717.2  | 1004.9 | 1760.4 | 4326.3  | 5168.2  | 6150.1  |
| 80°   | 350.9  | 416.1  | 439.2  | 429.6  | 456.4  | 546.5  | 709.5  | 1118.0 | 2983.9  | 3354.1  | 4046.3  |
| 82.5° | 216.7  | 278.1  | 281.9  | 291.5  | 310.7  | 404.6  | 535.0  | 680.8  | 1873.6  | 1936.9  | 2439.3  |
| 85°   | 109.3  | 132.3  | 141.9  | 157.3  | 174.5  | 247.4  | 304.9  | 421.9  | 1206.2  | 912.8   | 1363.5  |
| 87.5° | 36.4   | 38.4   | 46.0   | 57.5   | 71.0   | 101.6  | 130.4  | 172.6  | 299.2   | 164.9   | 421.9   |
| 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: P455512

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**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 7294.9  | 7294.9  | 7294.9  | 7294.9  | 7294.9  | 7294.9  | 7294.9  | 7294.9  | 7294.9  | 7294.9  |
| 2.5°  | 8167.5  | 8330.5  | 8449.4  | 8558.7  | 8453.2  | 8443.6  | 8340.1  | 8173.2  | 8104.2  | 8104.2  |
| 5°    | 8648.8  | 9030.5  | 9339.2  | 9536.7  | 9452.3  | 9249.1  | 8913.5  | 8485.8  | 8255.7  | 8215.4  |
| 7.5°  | 8781.2  | 9534.8  | 10108.2 | 10311.5 | 10169.6 | 9720.8  | 9078.4  | 8357.3  | 8027.5  | 7954.6  |
| 10°   | 8700.6  | 9680.6  | 10522.4 | 10844.6 | 10647.1 | 9968.2  | 9091.8  | 8207.8  | 7801.2  | 7716.8  |
| 12.5° | 8616.2  | 9699.7  | 10599.1 | 11065.1 | 10936.6 | 10167.6 | 9189.6  | 8110.0  | 7640.1  | 7519.3  |
| 15°   | 8677.6  | 9707.4  | 10505.2 | 10986.5 | 11069.0 | 10407.4 | 9350.7  | 8180.9  | 7607.5  | 7479.0  |
| 17.5° | 9065.0  | 9853.1  | 10370.9 | 10760.2 | 11049.8 | 10733.4 | 9809.0  | 8520.3  | 7899.0  | 7739.8  |
| 20°   | 9874.2  | 10202.2 | 10447.6 | 10748.7 | 11214.7 | 11398.8 | 10746.8 | 9452.3  | 8717.9  | 8577.9  |
| 22.5° | 12217.7 | 12158.2 | 11655.8 | 11650.0 | 12325.1 | 13063.4 | 13019.3 | 11347.0 | 10242.4 | 10127.4 |
| 25°   | 13096.0 | 12819.8 | 12093.0 | 11916.6 | 12213.8 | 13352.9 | 13188.0 | 11734.4 | 10714.2 | 10434.2 |
| 27.5° | 12752.7 | 12068.1 | 11590.6 | 11550.3 | 11452.5 | 12528.3 | 12925.3 | 11891.7 | 10879.1 | 10606.8 |
| 30°   | 12731.6 | 11724.8 | 11042.1 | 11122.7 | 11216.6 | 12244.5 | 13071.0 | 12384.5 | 11301.0 | 11009.5 |
| 32.5° | 12783.4 | 11772.8 | 11082.4 | 11097.7 | 11377.7 | 12286.7 | 13232.1 | 12921.5 | 11855.2 | 11563.7 |
| 35°   | 12992.4 | 12045.1 | 11339.4 | 11302.9 | 11740.2 | 12562.9 | 13506.4 | 13765.3 | 12612.7 | 12281.0 |
| 37.5° | 13329.9 | 12587.8 | 11809.2 | 11799.6 | 12434.4 | 13061.5 | 13847.7 | 14616.7 | 13366.4 | 13009.7 |
| 40°   | 13826.6 | 13222.5 | 12645.3 | 12593.5 | 13377.9 | 13872.6 | 14290.7 | 15523.8 | 14242.8 | 13784.4 |
| 42.5° | 14426.9 | 13983.9 | 13748.0 | 13953.2 | 14706.8 | 14783.6 | 14981.1 | 16361.8 | 14988.7 | 14455.6 |
| 45°   | 14983.0 | 14961.9 | 15289.8 | 15834.5 | 16273.6 | 15813.4 | 15702.1 | 16923.7 | 15567.9 | 14988.7 |
| 47.5° | 15644.6 | 16216.1 | 17205.6 | 18003.4 | 18463.6 | 17011.9 | 16317.7 | 17290.0 | 15989.8 | 15456.7 |
| 50°   | 16315.8 | 17717.6 | 19297.8 | 20410.1 | 20507.9 | 18314.0 | 16741.5 | 17635.2 | 16373.3 | 15819.1 |
| 52.5° | 17021.5 | 18916.2 | 21019.9 | 22312.4 | 22122.6 | 19447.4 | 17151.9 | 17869.1 | 16768.4 | 16281.3 |
| 55°   | 17635.2 | 19650.7 | 21982.6 | 23223.4 | 22945.3 | 20137.8 | 17594.9 | 18122.3 | 17332.2 | 16921.8 |
| 57.5° | 17978.4 | 19712.0 | 21742.9 | 22826.4 | 22525.3 | 20003.5 | 17798.2 | 18310.2 | 17692.7 | 17370.5 |
| 58°   | 18028.3 | 19629.6 | 21530.0 | 22596.3 | 22289.4 | 19890.4 | 17796.3 | 18302.5 | 17715.7 | 17391.6 |
| 60°   | 17984.2 | 19094.5 | 20738.0 | 21687.3 | 21365.1 | 19180.8 | 17723.4 | 18158.7 | 17424.2 | 17150.0 |
| 62.5° | 17575.7 | 18166.4 | 19370.7 | 20061.1 | 19969.0 | 18072.4 | 17424.2 | 17616.0 | 16536.3 | 16271.7 |
| 65°   | 17038.8 | 16900.7 | 17619.8 | 18108.8 | 18177.9 | 17242.0 | 17127.0 | 16442.4 | 15397.2 | 15023.3 |
| 67.5° | 16386.8 | 15466.3 | 15464.3 | 15742.4 | 15857.5 | 15964.9 | 16507.6 | 15167.1 | 13755.7 | 13360.6 |
| 70°   | 15280.2 | 13255.1 | 12645.3 | 12973.2 | 12877.4 | 13784.4 | 15401.1 | 13376.0 | 11776.6 | 11314.4 |
| 72.5° | 13251.3 | 10518.6 | 9542.5  | 9964.4  | 9722.7  | 10810.1 | 13475.7 | 11007.6 | 9738.1  | 9170.4  |
| 75°   | 10741.0 | 7868.3  | 6861.5  | 7248.9  | 7099.3  | 8200.1  | 11212.8 | 7994.9  | 6984.3  | 6767.6  |
| 77.5° | 8340.1  | 5701.3  | 5116.4  | 5062.7  | 5174.0  | 6102.1  | 8225.0  | 5398.3  | 4604.4  | 4456.7  |
| 80°   | 5358.1  | 4080.9  | 4115.4  | 4046.3  | 4103.9  | 3846.9  | 4993.7  | 3444.2  | 3118.2  | 2999.3  |
| 82.5° | 3526.7  | 2843.9  | 3390.5  | 3129.7  | 2972.4  | 2587.0  | 3275.4  | 2255.2  | 1913.9  | 1848.7  |
| 85°   | 2402.9  | 2094.1  | 1906.2  | 1457.5  | 1716.3  | 1992.5  | 2456.6  | 1213.9  | 962.7   | 872.6   |
| 87.5° | 1085.4  | 728.7   | 535.0   | 329.8   | 521.6   | 602.2   | 1192.8  | 141.9   | 109.3   | 113.1   |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)