

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: P324227

Luminaire Tested: **GAN-SA3A-760-U-SLL-HSS**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P324227  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-27)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GAN-SA3A-760-U-SLL-HSS  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(3) 70 CRI, 5700K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10547 lumens  
Efficiency: N/A  
Efficacy: 109.9 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Medium  
BUG Rating: B1 - U0 - G2

Input Watts (W): 96  
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

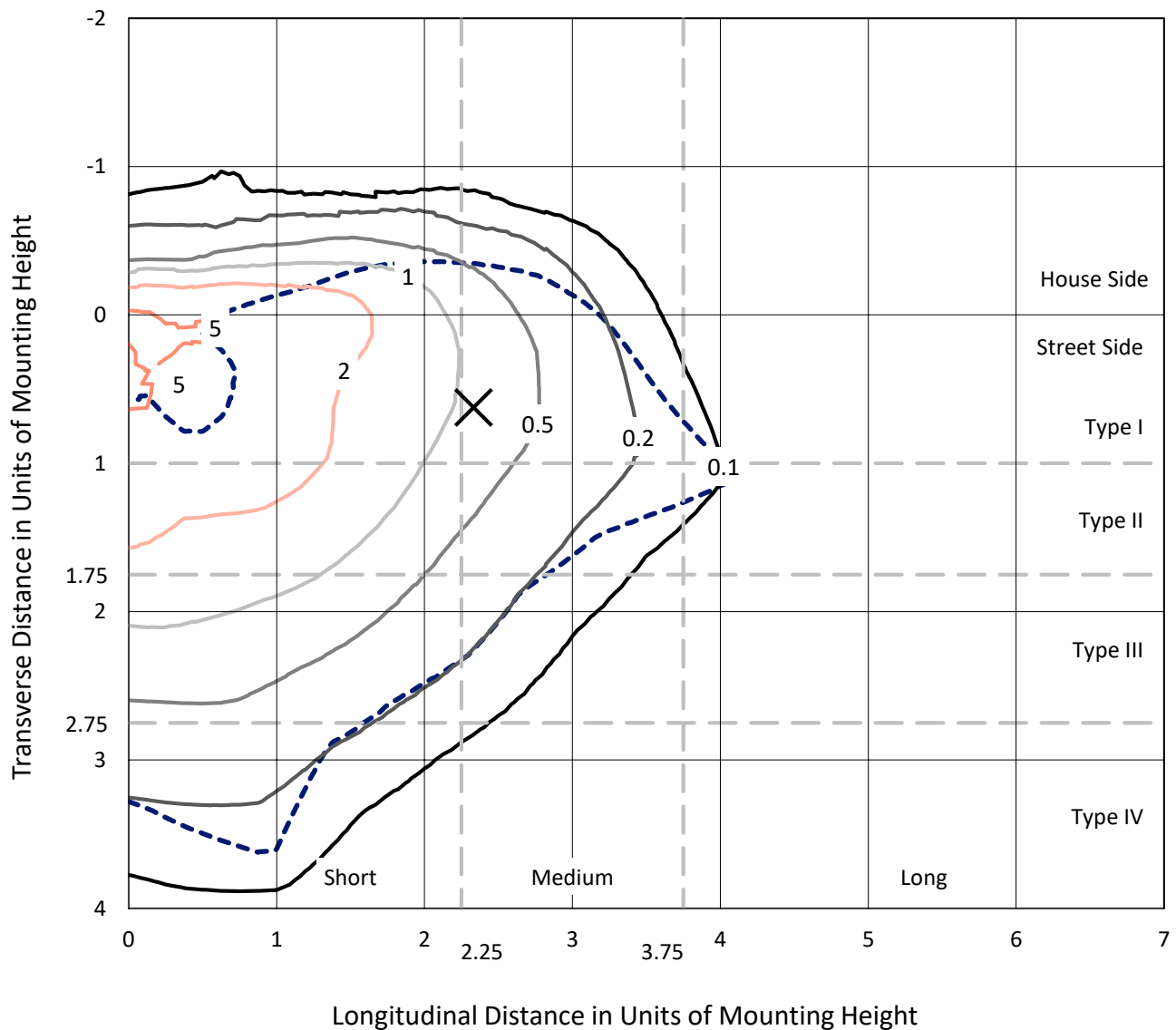


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## Iso-Footcandle Lines of Horizontal Illumination

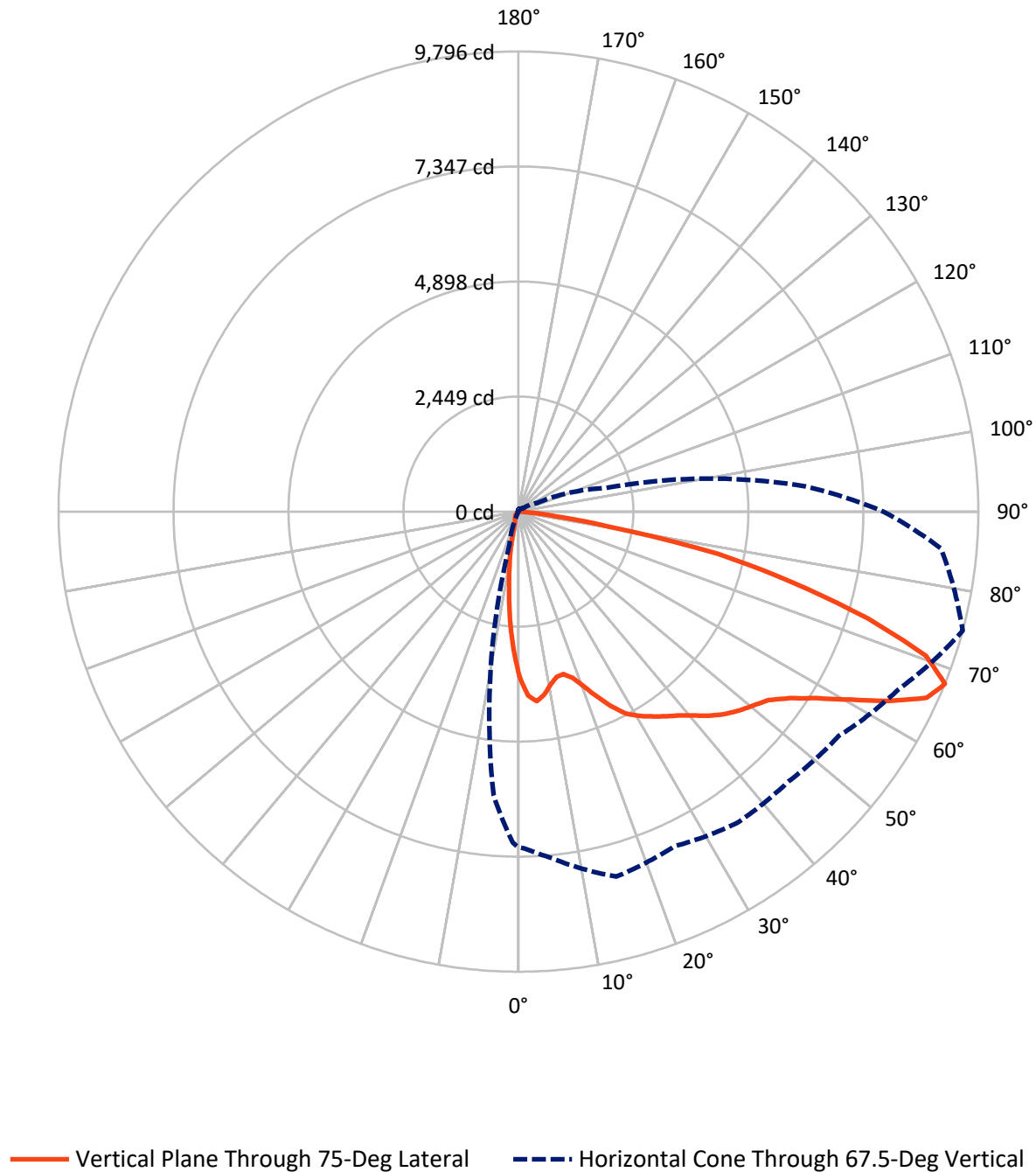
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 7.3 fc  
 Type III - Medium - N/A

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## Luminous Intensity Polar Plot



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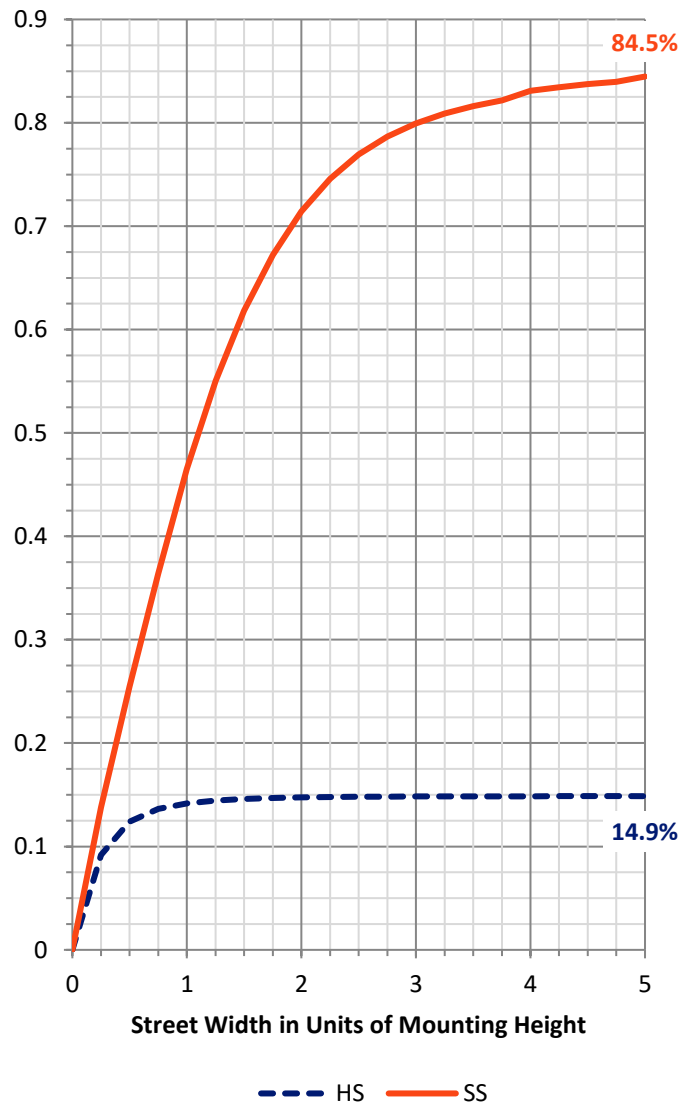
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 1582.7   | 0.0    | 1582.7  |
|                    | % Fixture | 15.0     | 0.0    | 15.0    |
| <b>Street Side</b> | Lumens    | 8964.3   | 0.0    | 8964.3  |
|                    | % Fixture | 85.0     | 0.0    | 85.0    |
| <b>Total</b>       | Lumens    | 10547.0  | 0.0    | 10547.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 268.4   | 2.5       |
| 10°-20°   | 528.5   | 5.0       |
| 20°-30°   | 747.7   | 7.1       |
| 30°-40°   | 1099.3  | 10.4      |
| 40°-50°   | 1580.0  | 15.0      |
| 50°-60°   | 2224.2  | 21.1      |
| 60°-70°   | 2597.7  | 24.6      |
| 70°-80°   | 1325.3  | 12.6      |
| 80°-90°   | 176.1   | 1.7       |
| 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°    | 10547.0 | 100.0     |
| 0°-180°   | 10547.0 | 100.0     |

**Coefficient of Utilization**



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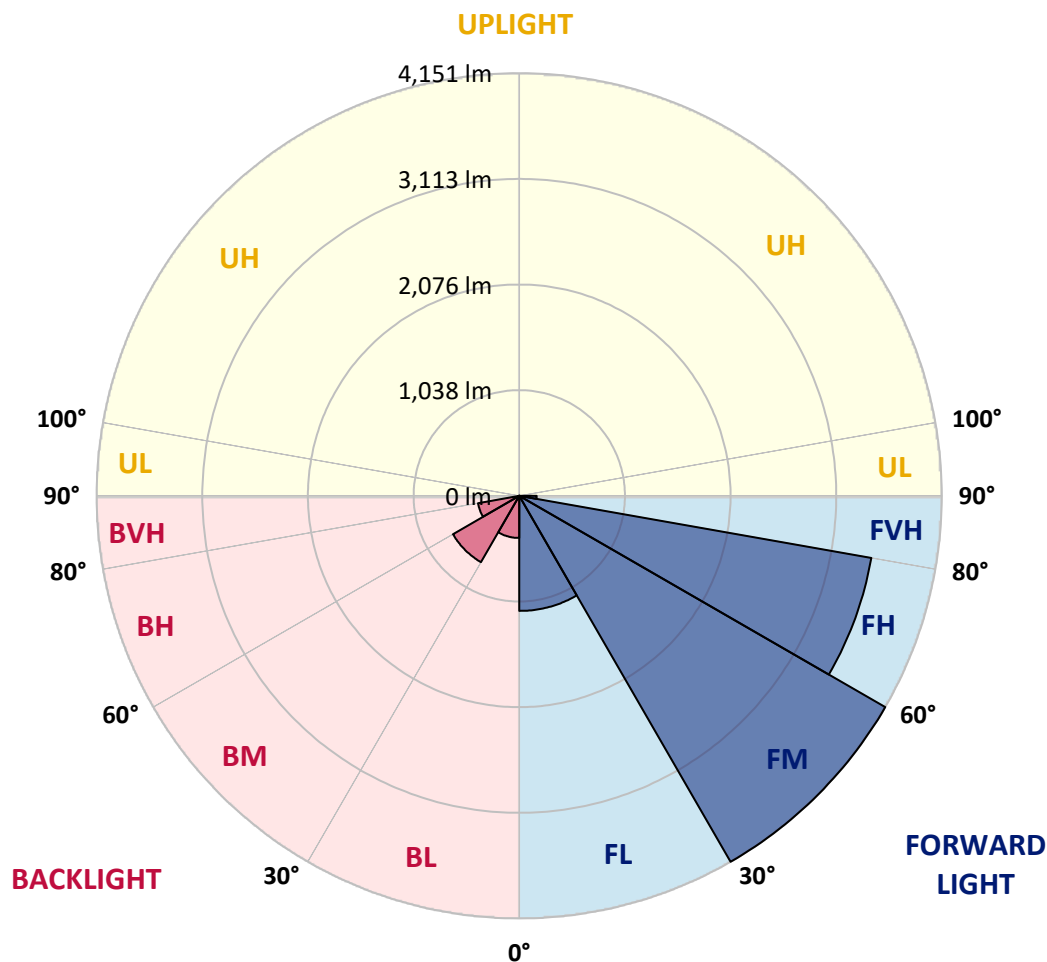
CATALOG NUMBER: GAN-SA3A-760-U-SLL-HSS

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1130.6 | 10.7      |                         |      |         |
| FM   | (30°-60°)   | 4151.1 | 39.4      |                         |      |         |
| FH   | (60°-80°)   | 3511.9 | 33.3      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 170.7  | 1.6       |                         |      | G2/225  |
| BL   | (0°-30°)    | 413.9  | 3.9       | B1/500                  |      |         |
| BM   | (30°-60°)   | 752.4  | 7.1       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 411.1  | 3.9       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 5.3    | 0.1       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G2**

Type III Medium



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 |
| 2.5°  | 3835.6 | 3841.6 | 3872.6 | 3944.5 | 4023.0 | 4029.0 | 4081.9 | 4027.5 | 4009.0 | 3921.1 | 3830.1 |
| 5°    | 3864.6 | 3887.6 | 3994.0 | 4205.3 | 4388.7 | 4447.7 | 4489.6 | 4382.7 | 4270.3 | 4055.4 | 3826.1 |
| 7.5°  | 3631.3 | 3669.7 | 3837.1 | 4233.8 | 4561.6 | 4706.5 | 4733.9 | 4566.6 | 4291.3 | 3937.5 | 3592.8 |
| 10°   | 3332.5 | 3376.5 | 3578.3 | 4065.9 | 4516.1 | 4764.4 | 4802.4 | 4583.1 | 4187.3 | 3746.7 | 3340.5 |
| 12.5° | 3090.7 | 3142.1 | 3348.5 | 3877.1 | 4359.7 | 4634.5 | 4709.5 | 4527.6 | 4097.4 | 3611.3 | 3168.1 |
| 15°   | 2979.3 | 3038.2 | 3255.1 | 3755.2 | 4186.4 | 4402.7 | 4464.6 | 4386.2 | 4047.5 | 3589.8 | 3128.1 |
| 17.5° | 3043.2 | 3107.2 | 3331.0 | 3765.7 | 4023.5 | 4115.9 | 4165.9 | 4197.8 | 4047.5 | 3719.2 | 3245.1 |
| 20°   | 3305.5 | 3374.5 | 3611.3 | 3872.1 | 3888.6 | 3854.1 | 3907.6 | 4020.0 | 4094.4 | 3965.0 | 3525.8 |
| 22.5° | 3668.2 | 3749.2 | 4016.5 | 4054.4 | 3822.6 | 3692.2 | 3699.2 | 3875.6 | 4179.9 | 4276.8 | 3915.6 |
| 25°   | 4110.4 | 4209.3 | 4481.1 | 4326.2 | 3850.1 | 3595.8 | 3593.3 | 3756.7 | 4263.3 | 4589.0 | 4349.7 |
| 27.5° | 4549.6 | 4658.5 | 4897.3 | 4658.0 | 3963.5 | 3578.3 | 3573.3 | 3720.7 | 4344.7 | 4866.8 | 4823.9 |
| 30°   | 4917.8 | 5023.7 | 5229.6 | 4898.3 | 4085.9 | 3619.3 | 3595.3 | 3759.2 | 4393.2 | 5047.2 | 5169.6 |
| 32.5° | 5217.6 | 5302.5 | 5468.9 | 5063.7 | 4216.8 | 3698.7 | 3646.8 | 3862.1 | 4475.6 | 5199.6 | 5487.4 |
| 35°   | 5547.3 | 5636.8 | 5703.2 | 5221.1 | 4363.7 | 3813.1 | 3738.7 | 4025.5 | 4602.5 | 5354.5 | 5835.6 |
| 37.5° | 5923.5 | 6012.5 | 6004.5 | 5365.0 | 4550.1 | 4002.5 | 3955.0 | 4284.3 | 4799.9 | 5507.9 | 6224.3 |
| 40°   | 6291.8 | 6382.7 | 6317.7 | 5522.3 | 4768.9 | 4314.8 | 4279.8 | 4673.0 | 5064.2 | 5704.2 | 6680.0 |
| 42.5° | 6636.5 | 6734.9 | 6596.0 | 5671.2 | 5029.7 | 4708.5 | 4768.4 | 5173.6 | 5394.9 | 5946.0 | 7072.7 |
| 45°   | 6914.3 | 7014.7 | 6829.4 | 5816.1 | 5304.5 | 5186.1 | 5366.5 | 5728.2 | 5792.6 | 6150.4 | 7338.0 |
| 47.5° | 7116.1 | 7211.1 | 6991.2 | 5961.0 | 5656.2 | 5770.2 | 6084.4 | 6309.8 | 6151.9 | 6327.7 | 7526.3 |
| 50°   | 7245.0 | 7319.0 | 7038.7 | 6142.4 | 6117.9 | 6451.6 | 6832.4 | 6942.3 | 6490.1 | 6487.6 | 7755.2 |
| 52.5° | 7327.0 | 7360.5 | 7073.7 | 6331.7 | 6599.5 | 7193.6 | 7564.8 | 7599.3 | 6838.4 | 6663.5 | 8063.4 |
| 55°   | 7609.3 | 7636.3 | 7321.5 | 6561.1 | 6997.7 | 7843.6 | 8227.3 | 8195.3 | 7232.6 | 7007.7 | 8427.2 |
| 57.5° | 8090.9 | 8119.4 | 7833.6 | 6890.8 | 7320.0 | 8245.3 | 8707.4 | 8764.9 | 7694.7 | 7491.4 | 8816.9 |
| 60°   | 8332.7 | 8385.7 | 8283.8 | 7308.5 | 7632.3 | 8502.1 | 9034.7 | 9218.1 | 8272.3 | 8128.9 | 9194.6 |
| 62.5° | 8113.4 | 8190.3 | 8338.2 | 7771.7 | 7942.5 | 8643.5 | 9136.6 | 9380.4 | 8863.8 | 8871.8 | 9427.4 |
| 65°   | 7675.7 | 7737.2 | 7988.0 | 8025.5 | 8122.4 | 8626.0 | 8884.8 | 9153.6 | 9226.1 | 9554.3 | 9414.9 |
| 67.5° | 7147.1 | 7170.1 | 7382.9 | 8045.4 | 7861.6 | 8100.4 | 8128.4 | 8327.2 | 8939.8 | 9796.1 | 9036.7 |
| 70°   | 6386.2 | 6398.7 | 6584.5 | 7376.5 | 6755.9 | 6808.4 | 6766.9 | 6807.4 | 7685.7 | 9207.1 | 8081.9 |
| 72.5° | 5139.6 | 5171.1 | 5435.4 | 6125.9 | 4921.8 | 4770.4 | 5096.2 | 5078.2 | 5919.0 | 7778.6 | 6002.5 |
| 75°   | 3784.2 | 3838.6 | 4237.8 | 4934.3 | 3454.4 | 3124.6 | 3362.5 | 3425.9 | 4207.8 | 6017.0 | 3753.7 |
| 77.5° | 2649.5 | 2690.0 | 3076.7 | 3627.3 | 2500.1 | 2234.3 | 2148.4 | 2223.8 | 2777.4 | 4352.7 | 1891.1 |
| 80°   | 1526.4 | 1541.3 | 1788.2 | 2094.4 | 1684.7 | 1927.5 | 1746.2 | 1798.1 | 1664.2 | 1936.5 | 813.4  |
| 82.5° | 998.7  | 1001.2 | 1097.7 | 1246.6 | 1049.2 | 1219.1 | 902.3  | 1153.6 | 1023.7 | 777.9  | 264.8  |
| 85°   | 539.6  | 542.6  | 636.5  | 884.8  | 594.1  | 335.7  | 197.4  | 405.2  | 633.0  | 178.4  | 72.4   |
| 87.5° | 59.5   | 54.5   | 191.9  | 321.8  | 164.9  | 30.5   | 10.5   | 45.5   | 101.4  | 11.5   | 0.0    |
| 90°   | 0.0    | 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°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 |
| 2.5°  | 3783.7 | 3742.2 | 3638.8 | 3529.3 | 3441.4 | 3359.0 | 3276.0 | 3174.6 | 3096.2 | 3080.2 | 3054.2 |
| 5°    | 3702.7 | 3571.3 | 3354.5 | 3136.6 | 2961.3 | 2739.9 | 2599.5 | 2490.1 | 2383.2 | 2376.7 | 2355.2 |
| 7.5°  | 3419.9 | 3247.1 | 2941.8 | 2640.5 | 2393.7 | 2182.9 | 1970.0 | 1827.6 | 1715.7 | 1676.2 | 1652.8 |
| 10°   | 3148.1 | 2953.8 | 2572.6 | 2228.8 | 2008.5 | 1822.1 | 1672.2 | 1523.4 | 1388.5 | 1295.5 | 1253.6 |
| 12.5° | 2958.3 | 2743.4 | 2323.3 | 2027.0 | 1869.1 | 1692.2 | 1509.4 | 1323.5 | 1168.1 | 1056.2 | 987.8  |
| 15°   | 2884.8 | 2655.5 | 2239.8 | 1947.0 | 1752.2 | 1528.4 | 1294.5 | 1082.2 | 909.8  | 808.4  | 746.9  |
| 17.5° | 2972.3 | 2705.5 | 2233.3 | 1849.6 | 1577.3 | 1299.0 | 1040.7 | 789.9  | 627.5  | 550.6  | 511.1  |
| 20°   | 3194.1 | 2864.3 | 2230.8 | 1730.2 | 1369.5 | 1027.2 | 705.0  | 519.6  | 421.2  | 378.2  | 359.7  |
| 22.5° | 3507.9 | 3067.2 | 2250.8 | 1612.3 | 1153.1 | 733.9  | 486.6  | 381.7  | 331.3  | 308.3  | 297.8  |
| 25°   | 3911.6 | 3352.0 | 2307.3 | 1505.4 | 949.8  | 547.6  | 379.2  | 319.8  | 284.3  | 266.3  | 258.8  |
| 27.5° | 4341.7 | 3679.7 | 2395.2 | 1412.4 | 784.4  | 436.7  | 324.8  | 273.8  | 248.3  | 235.8  | 228.8  |
| 30°   | 4696.5 | 4059.4 | 2484.1 | 1309.0 | 664.5  | 380.7  | 297.3  | 249.8  | 220.3  | 212.3  | 205.8  |
| 32.5° | 5006.7 | 4346.7 | 2547.1 | 1215.6 | 586.1  | 338.2  | 268.8  | 223.3  | 203.3  | 187.9  | 180.9  |
| 35°   | 5328.0 | 4586.0 | 2545.1 | 1150.1 | 532.1  | 306.3  | 244.8  | 199.8  | 175.9  | 157.9  | 152.4  |
| 37.5° | 5675.7 | 4856.3 | 2501.6 | 1094.2 | 508.6  | 280.8  | 231.3  | 187.4  | 163.4  | 145.4  | 138.4  |
| 40°   | 6082.9 | 5140.1 | 2457.2 | 1041.7 | 502.1  | 260.3  | 221.8  | 177.4  | 151.9  | 134.4  | 127.4  |
| 42.5° | 6479.6 | 5395.9 | 2418.2 | 1002.7 | 474.1  | 259.8  | 213.3  | 169.9  | 142.9  | 125.9  | 117.9  |
| 45°   | 6796.9 | 5634.3 | 2410.7 | 979.3  | 444.7  | 268.8  | 208.8  | 164.9  | 135.9  | 118.9  | 111.4  |
| 47.5° | 7060.7 | 5893.1 | 2458.7 | 962.8  | 416.7  | 245.3  | 219.8  | 161.4  | 129.4  | 112.9  | 104.4  |
| 50°   | 7374.5 | 6210.8 | 2571.6 | 935.8  | 387.2  | 220.8  | 251.8  | 162.4  | 123.9  | 106.9  | 97.9   |
| 52.5° | 7812.1 | 6650.5 | 2737.4 | 890.3  | 346.7  | 198.4  | 247.8  | 163.4  | 117.9  | 100.4  | 91.4   |
| 55°   | 8302.8 | 7199.6 | 2915.8 | 814.9  | 290.3  | 168.9  | 212.3  | 156.4  | 106.4  | 93.4   | 84.9   |
| 57.5° | 8818.4 | 7697.7 | 3021.7 | 725.0  | 230.8  | 145.9  | 169.9  | 142.4  | 93.9   | 83.9   | 78.4   |
| 60°   | 8899.3 | 7887.1 | 2973.3 | 614.5  | 183.4  | 126.9  | 125.9  | 144.9  | 83.9   | 73.9   | 69.9   |
| 62.5° | 8698.0 | 7649.2 | 2738.9 | 516.1  | 153.4  | 111.4  | 103.4  | 126.4  | 75.9   | 66.0   | 62.0   |
| 65°   | 8310.7 | 7006.2 | 2359.2 | 465.2  | 142.4  | 95.4   | 85.9   | 88.9   | 66.5   | 57.5   | 54.0   |
| 67.5° | 7772.2 | 6147.9 | 1937.0 | 436.2  | 140.9  | 81.9   | 73.4   | 67.4   | 57.5   | 50.0   | 47.0   |
| 70°   | 6671.0 | 5121.6 | 1545.3 | 420.2  | 136.9  | 68.9   | 62.0   | 55.0   | 48.0   | 42.5   | 40.0   |
| 72.5° | 4909.8 | 3629.3 | 1202.1 | 402.7  | 137.9  | 55.0   | 54.0   | 45.5   | 38.5   | 33.0   | 32.0   |
| 75°   | 2836.9 | 2073.4 | 788.4  | 326.3  | 131.4  | 42.5   | 45.0   | 32.0   | 27.0   | 23.0   | 23.0   |
| 77.5° | 1511.9 | 1264.5 | 300.3  | 135.9  | 48.0   | 27.0   | 25.5   | 19.0   | 17.0   | 14.0   | 13.5   |
| 80°   | 659.0  | 556.6  | 90.4   | 38.0   | 26.5   | 14.5   | 9.5    | 8.5    | 7.5    | 6.0    | 5.5    |
| 82.5° | 233.3  | 201.3  | 29.5   | 18.5   | 11.5   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 53.0   | 38.0   | 0.0    | 4.5    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 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    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 |
| 2.5°  | 3001.2 | 2990.3 | 2925.3 | 2927.8 | 2939.3 | 2955.8 | 2916.8 | 2934.8 | 2983.3 | 3029.7 | 3047.2 |
| 5°    | 2320.8 | 2323.3 | 2283.8 | 2308.3 | 2330.2 | 2345.2 | 2282.3 | 2283.3 | 2321.8 | 2374.2 | 2401.7 |
| 7.5°  | 1635.3 | 1631.3 | 1633.3 | 1691.7 | 1733.2 | 1703.2 | 1726.7 | 1645.3 | 1650.3 | 1687.7 | 1659.8 |
| 10°   | 1215.6 | 1160.6 | 1129.7 | 1173.6 | 1219.1 | 1202.6 | 1162.1 | 1135.6 | 1154.1 | 1195.6 | 1192.6 |
| 12.5° | 955.3  | 876.3  | 829.9  | 798.4  | 835.9  | 804.9  | 803.9  | 780.9  | 755.9  | 760.4  | 826.9  |
| 15°   | 718.5  | 661.0  | 606.0  | 555.6  | 554.6  | 544.1  | 490.6  | 430.7  | 425.7  | 428.7  | 463.2  |
| 17.5° | 494.1  | 474.6  | 452.2  | 408.7  | 397.2  | 353.2  | 301.3  | 277.3  | 265.3  | 270.8  | 282.3  |
| 20°   | 347.2  | 339.7  | 342.2  | 318.8  | 302.3  | 260.3  | 229.8  | 220.3  | 218.3  | 223.8  | 229.3  |
| 22.5° | 287.8  | 274.3  | 272.8  | 262.3  | 245.8  | 215.3  | 198.9  | 193.4  | 190.9  | 195.9  | 199.8  |
| 25°   | 251.8  | 238.3  | 232.8  | 226.3  | 208.8  | 187.9  | 177.9  | 172.9  | 170.4  | 173.4  | 175.9  |
| 27.5° | 221.8  | 209.3  | 204.3  | 199.8  | 182.9  | 167.9  | 159.9  | 155.4  | 153.4  | 154.4  | 156.9  |
| 30°   | 199.4  | 188.4  | 181.9  | 176.4  | 161.9  | 151.4  | 144.4  | 139.9  | 137.9  | 137.9  | 140.4  |
| 32.5° | 175.9  | 169.9  | 163.9  | 156.9  | 143.4  | 136.4  | 129.4  | 124.4  | 122.4  | 122.9  | 124.9  |
| 35°   | 146.4  | 144.4  | 145.9  | 139.4  | 127.9  | 121.9  | 114.9  | 109.4  | 107.9  | 108.4  | 110.4  |
| 37.5° | 129.9  | 120.9  | 126.4  | 122.9  | 116.4  | 108.4  | 99.4   | 94.4   | 91.9   | 93.4   | 94.4   |
| 40°   | 119.4  | 108.4  | 104.4  | 107.9  | 106.9  | 93.9   | 85.9   | 80.9   | 78.9   | 79.4   | 80.4   |
| 42.5° | 110.4  | 97.4   | 88.4   | 87.9   | 93.9   | 81.9   | 73.4   | 68.9   | 66.5   | 66.5   | 67.4   |
| 45°   | 101.9  | 87.9   | 76.9   | 68.4   | 78.9   | 69.4   | 61.5   | 57.5   | 54.5   | 54.5   | 55.0   |
| 47.5° | 95.4   | 79.9   | 66.9   | 56.0   | 59.5   | 57.0   | 50.5   | 46.5   | 43.5   | 43.5   | 44.0   |
| 50°   | 89.4   | 71.9   | 58.0   | 47.0   | 44.5   | 47.0   | 41.0   | 36.5   | 34.5   | 34.0   | 35.0   |
| 52.5° | 82.9   | 64.0   | 49.5   | 40.0   | 35.0   | 35.5   | 32.0   | 29.0   | 26.5   | 26.5   | 27.5   |
| 55°   | 76.4   | 57.5   | 43.0   | 34.0   | 29.0   | 26.5   | 25.5   | 23.5   | 21.5   | 21.5   | 22.5   |
| 57.5° | 69.9   | 50.5   | 36.5   | 28.0   | 23.0   | 21.0   | 21.0   | 19.5   | 18.0   | 18.0   | 19.0   |
| 60°   | 64.0   | 43.5   | 30.0   | 23.0   | 18.0   | 17.5   | 18.0   | 16.5   | 15.5   | 15.5   | 16.5   |
| 62.5° | 57.0   | 37.0   | 24.5   | 19.0   | 14.5   | 14.0   | 15.5   | 14.5   | 13.5   | 13.5   | 14.5   |
| 65°   | 48.5   | 31.5   | 19.5   | 14.5   | 11.0   | 11.0   | 13.0   | 12.0   | 11.0   | 11.0   | 12.0   |
| 67.5° | 41.0   | 26.5   | 15.0   | 10.5   | 8.0    | 8.5    | 11.0   | 10.0   | 9.5    | 9.5    | 10.5   |
| 70°   | 34.0   | 20.5   | 10.5   | 6.5    | 4.5    | 6.5    | 8.5    | 8.5    | 8.5    | 8.5    | 9.5    |
| 72.5° | 25.5   | 14.0   | 6.0    | 2.5    | 2.0    | 4.5    | 7.0    | 8.0    | 7.5    | 7.5    | 9.0    |
| 75°   | 16.5   | 8.0    | 2.0    | 0.0    | 0.0    | 2.5    | 5.5    | 6.5    | 6.5    | 6.0    | 7.5    |
| 77.5° | 9.5    | 2.5    | 0.0    | 0.0    | 0.0    | 0.0    | 3.5    | 3.0    | 2.5    | 2.0    | 3.5    |
| 80°   | 2.5    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 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    | 0.0    |

REPORT NUMBER: P324227

CATALOG NUMBER: GAN-SA3A-760-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 | 3538.3 |
| 2.5°  | 3117.7 | 3176.6 | 3259.5 | 3347.5 | 3482.9 | 3590.3 | 3695.7 | 3786.2 | 3821.1 | 3835.6 |
| 5°    | 2467.6 | 2554.1 | 2675.5 | 2831.4 | 3075.7 | 3295.5 | 3518.4 | 3742.7 | 3840.1 | 3864.6 |
| 7.5°  | 1770.7 | 1881.1 | 2035.5 | 2230.8 | 2517.1 | 2801.9 | 3113.2 | 3442.4 | 3593.3 | 3631.3 |
| 10°   | 1310.5 | 1445.4 | 1622.3 | 1828.1 | 2101.4 | 2394.2 | 2733.4 | 3109.7 | 3282.0 | 3332.5 |
| 12.5° | 929.8  | 1112.2 | 1349.0 | 1599.3 | 1836.1 | 2097.4 | 2440.7 | 2855.4 | 3036.2 | 3090.7 |
| 15°   | 546.1  | 722.5  | 1002.7 | 1338.0 | 1641.3 | 1906.1 | 2254.8 | 2725.0 | 2924.3 | 2979.3 |
| 17.5° | 313.3  | 401.2  | 613.0  | 986.8  | 1398.4 | 1765.2 | 2196.3 | 2757.4 | 2992.2 | 3043.2 |
| 20°   | 239.3  | 267.3  | 353.2  | 635.5  | 1114.7 | 1626.8 | 2196.3 | 2941.3 | 3230.6 | 3305.5 |
| 22.5° | 209.3  | 229.8  | 264.8  | 379.2  | 820.4  | 1478.4 | 2221.8 | 3207.1 | 3585.3 | 3668.2 |
| 25°   | 185.9  | 204.3  | 234.3  | 285.3  | 559.6  | 1302.0 | 2282.3 | 3533.3 | 4003.0 | 4110.4 |
| 27.5° | 166.4  | 183.9  | 210.8  | 249.8  | 382.7  | 1089.2 | 2363.7 | 3916.1 | 4463.6 | 4549.6 |
| 30°   | 148.9  | 165.4  | 189.9  | 217.3  | 295.3  | 847.9  | 2433.2 | 4276.8 | 4825.4 | 4917.8 |
| 32.5° | 132.4  | 147.4  | 169.4  | 189.9  | 241.8  | 627.0  | 2440.7 | 4562.6 | 5125.6 | 5217.6 |
| 35°   | 116.9  | 130.4  | 150.4  | 166.4  | 200.3  | 495.1  | 2324.3 | 4810.4 | 5425.9 | 5547.3 |
| 37.5° | 101.9  | 114.9  | 132.4  | 144.4  | 176.4  | 403.7  | 2146.4 | 5086.7 | 5811.1 | 5923.5 |
| 40°   | 87.9   | 99.4   | 117.4  | 125.4  | 166.9  | 310.3  | 1953.0 | 5376.5 | 6188.8 | 6291.8 |
| 42.5° | 74.9   | 85.9   | 103.4  | 118.9  | 146.4  | 231.8  | 1744.2 | 5648.3 | 6528.6 | 6636.5 |
| 45°   | 62.5   | 73.9   | 91.4   | 125.9  | 121.4  | 173.4  | 1520.9 | 5828.6 | 6796.9 | 6914.3 |
| 47.5° | 50.5   | 63.5   | 87.4   | 119.9  | 96.9   | 127.4  | 1344.0 | 5999.5 | 7000.2 | 7116.1 |
| 50°   | 40.5   | 53.5   | 98.4   | 106.9  | 79.4   | 97.4   | 1270.0 | 6152.4 | 7133.6 | 7245.0 |
| 52.5° | 33.0   | 45.0   | 92.9   | 81.9   | 66.5   | 80.4   | 1310.0 | 6400.2 | 7257.0 | 7327.0 |
| 55°   | 27.5   | 35.5   | 56.0   | 57.0   | 56.5   | 68.4   | 1359.5 | 6755.9 | 7576.3 | 7609.3 |
| 57.5° | 24.0   | 28.5   | 39.0   | 44.0   | 47.5   | 61.0   | 1360.5 | 7266.5 | 8070.4 | 8090.9 |
| 60°   | 20.5   | 25.0   | 32.5   | 35.5   | 41.0   | 54.5   | 1311.0 | 7444.9 | 8264.8 | 8332.7 |
| 62.5° | 18.0   | 22.0   | 27.0   | 29.5   | 34.5   | 49.0   | 1195.1 | 7186.6 | 7998.0 | 8113.4 |
| 65°   | 16.0   | 20.0   | 22.5   | 25.0   | 30.5   | 44.0   | 1004.2 | 6670.0 | 7555.3 | 7675.7 |
| 67.5° | 14.0   | 17.5   | 20.0   | 22.5   | 27.5   | 39.0   | 739.4  | 6069.9 | 7047.2 | 7147.1 |
| 70°   | 12.5   | 15.5   | 18.0   | 20.0   | 24.0   | 33.0   | 448.7  | 5150.6 | 6344.7 | 6386.2 |
| 72.5° | 12.0   | 14.0   | 16.5   | 18.0   | 21.0   | 29.0   | 227.3  | 3785.2 | 5072.2 | 5139.6 |
| 75°   | 10.5   | 12.5   | 15.0   | 16.0   | 18.5   | 25.0   | 92.4   | 2486.1 | 3675.7 | 3784.2 |
| 77.5° | 8.5    | 11.5   | 13.5   | 14.5   | 16.0   | 20.5   | 47.0   | 1588.8 | 2579.6 | 2649.5 |
| 80°   | 3.0    | 8.5    | 11.5   | 12.0   | 13.5   | 15.0   | 31.0   | 869.8  | 1496.4 | 1526.4 |
| 82.5° | 0.0    | 5.5    | 9.0    | 8.5    | 9.5    | 11.5   | 20.0   | 413.7  | 987.8  | 998.7  |
| 85°   | 0.0    | 2.5    | 7.0    | 5.5    | 4.0    | 8.0    | 7.0    | 90.4   | 518.1  | 539.6  |
| 87.5° | 0.0    | 0.0    | 0.5    | 2.5    | 2.0    | 3.0    | 1.0    | 0.5    | 47.0   | 59.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)