

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: P529483

Luminaire Tested: **GLAN-SA4C-827-U-SLL-GRSBK**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P529483  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-23)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA4C-827-U-SLL-GRSBK  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(4) 80 CRI, 2700K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH BLACK GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11303 lumens  
Efficiency: N/A  
Efficacy: 53.1 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B2 - U0 - G1

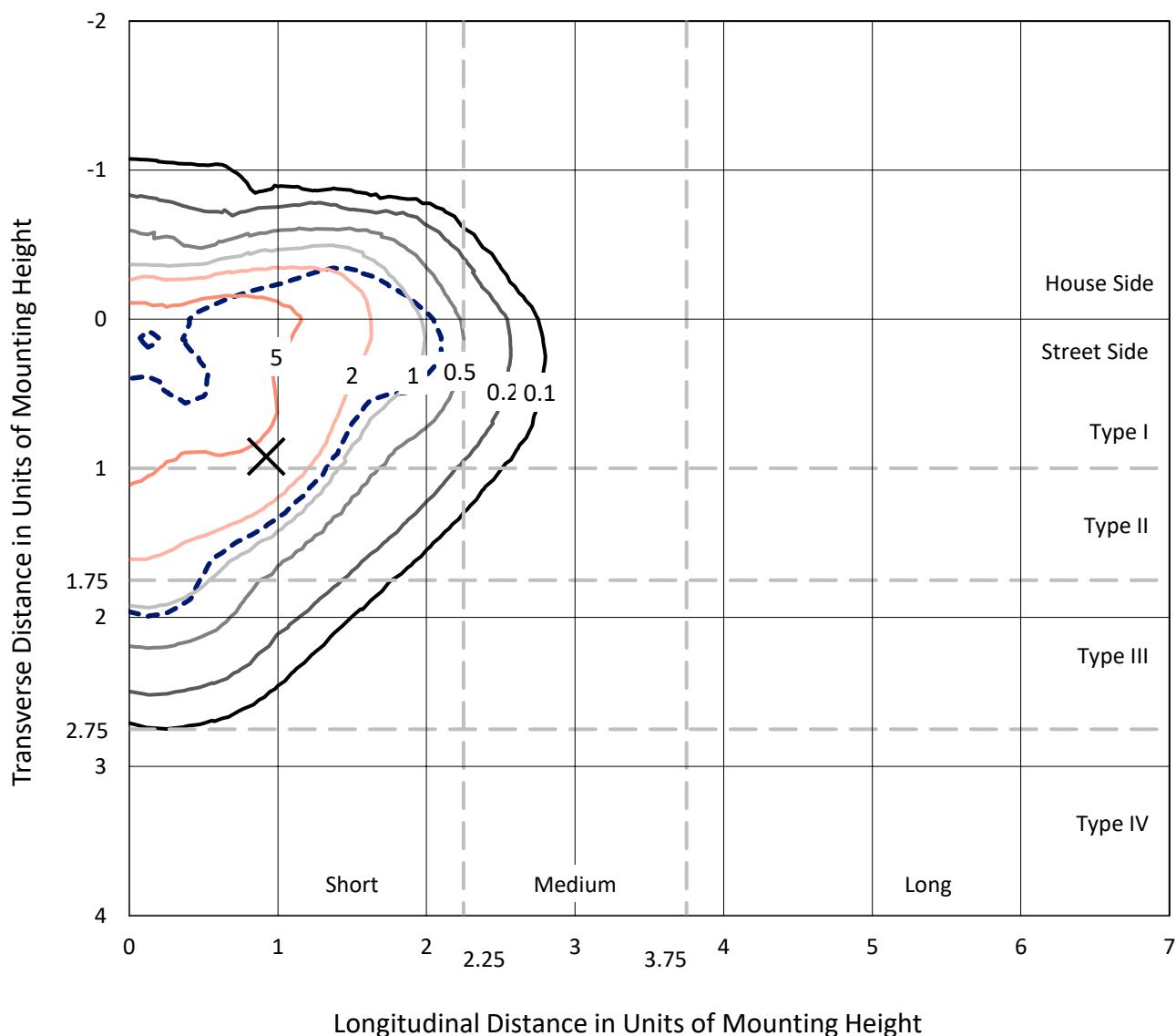
Input Watts (W): 213  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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## Iso-Footcandle Lines of Horizontal Illumination

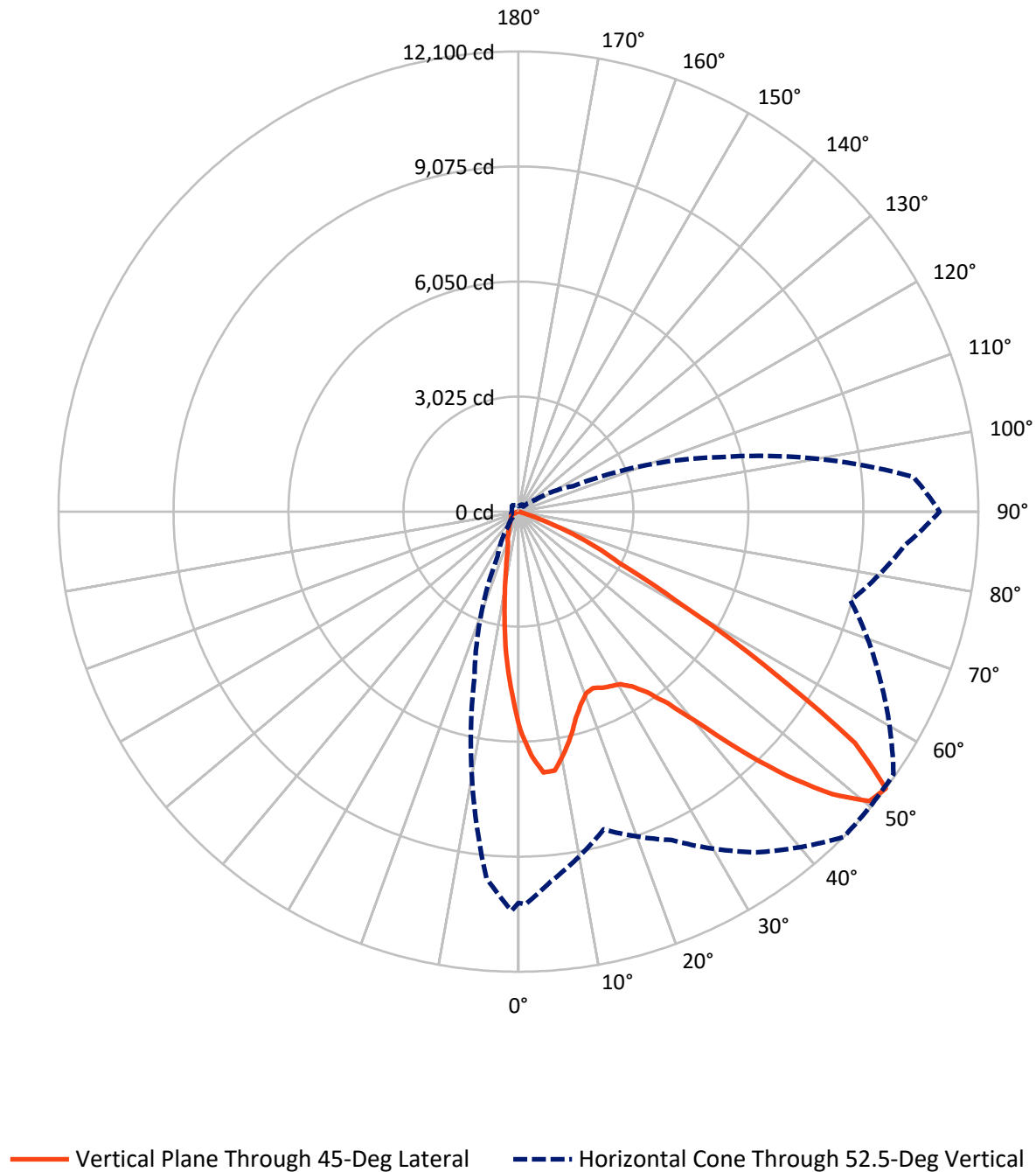
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 9.9 fc  
 Type III - Short - N/A

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## Luminous Intensity Polar Plot



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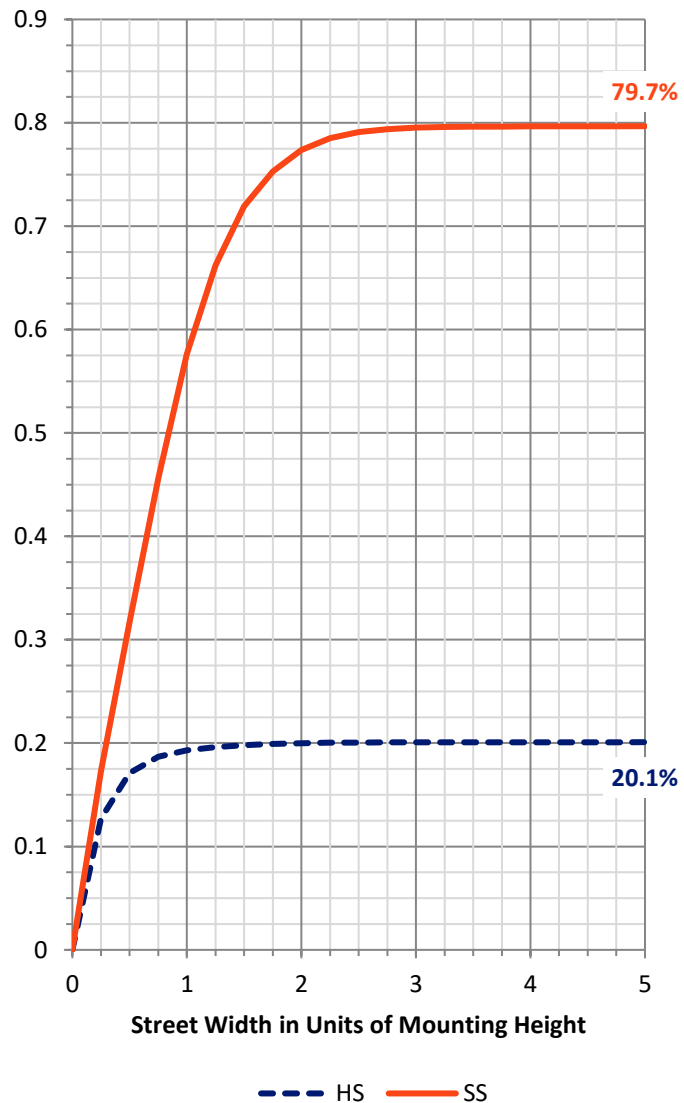
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 2293.9   | 0.0    | 2293.9  |
|                    | % Fixture | 20.3     | 0.0    | 20.3    |
| <b>Street Side</b> | Lumens    | 9009.0   | 0.0    | 9009.0  |
|                    | % Fixture | 79.7     | 0.0    | 79.7    |
| <b>Total</b>       | Lumens    | 11303.0  | 0.0    | 11303.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 418.0   | 3.7       |
| 10°-20°   | 824.6   | 7.3       |
| 20°-30°   | 1254.9  | 11.1      |
| 30°-40°   | 1875.7  | 16.6      |
| 40°-50°   | 2671.1  | 23.6      |
| 50°-60°   | 2871.4  | 25.4      |
| 60°-70°   | 1272.4  | 11.3      |
| 70°-80°   | 102.9   | 0.9       |
| 80°-90°   | 12.0    | 0.1       |
| 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°    | 11303.0 | 100.0     |
| 0°-180°   | 11303.0 | 100.0     |

**Coefficient of Utilization**



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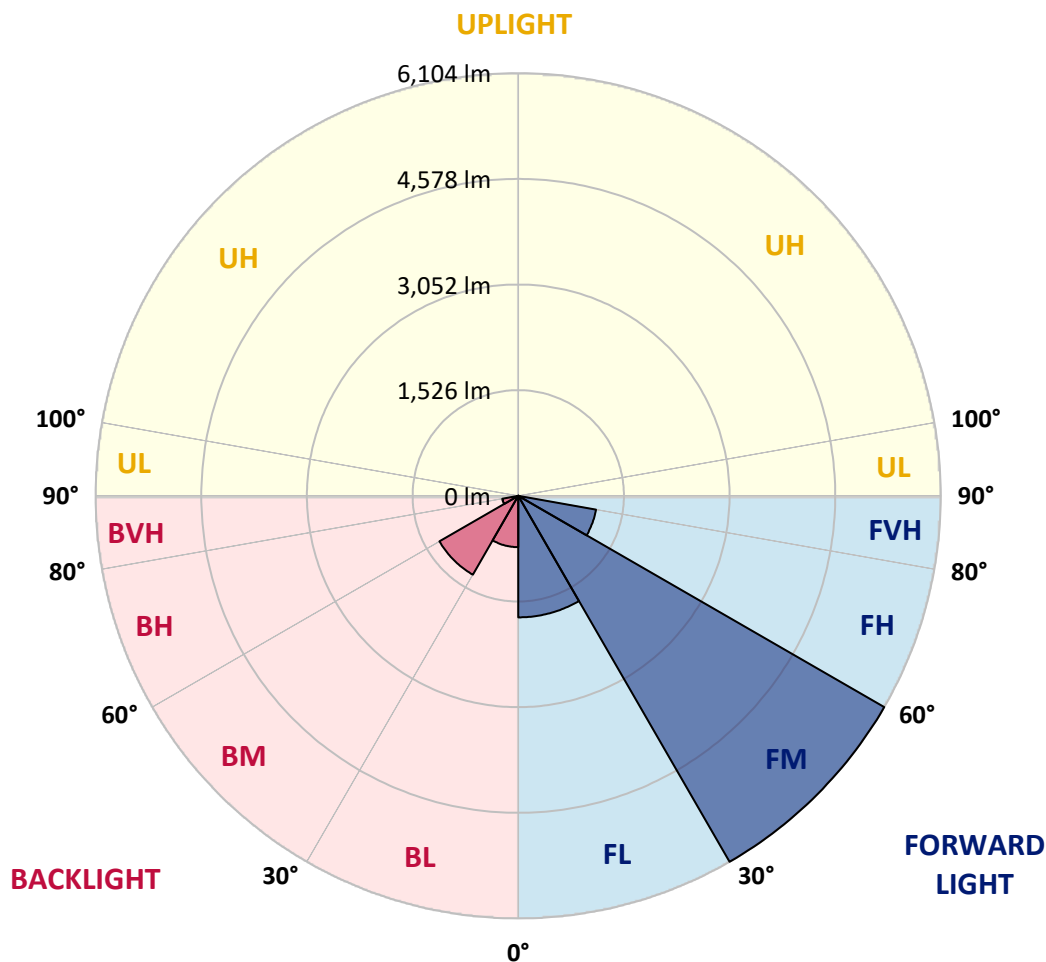
CATALOG NUMBER: GLAN-SA4C-827-U-SLL-GRSBK

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

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 1755.6 | 15.5      |                         |      |         |
| FM   | (30°-60°)   | 6104.0 | 54.0      |                         |      |         |
| FH   | (60°-80°)   | 1140.6 | 10.1      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 8.9    | 0.1       |                         |      | G0/10   |
| BL   | (0°-30°)    | 742.0  | 6.6       | B2/1000                 |      |         |
| BM   | (30°-60°)   | 1314.2 | 11.6      | B2/2500                 |      |         |
| BH   | (60°-80°)   | 234.7  | 2.1       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 3.1    | 0.0       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B2-U0-G1**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°    | 25°    | 35°     | 45°     | 55°     | 65°     | 75°    | 85°     |
|-------|---------|---------|---------|--------|--------|---------|---------|---------|---------|--------|---------|
| 0°    | 5731.1  | 5731.1  | 5731.1  | 5731.1 | 5731.1 | 5731.1  | 5731.1  | 5731.1  | 5731.1  | 5731.1 | 5731.1  |
| 2.5°  | 6064.6  | 6082.4  | 6180.2  | 6302.5 | 6367.0 | 6513.7  | 6411.4  | 6438.1  | 6382.5  | 6186.9 | 6033.5  |
| 5°    | 5880.1  | 5877.9  | 6002.4  | 6304.7 | 6591.5 | 6882.7  | 6891.6  | 6736.0  | 6462.5  | 6162.4 | 5733.4  |
| 7.5°  | 5324.3  | 5411.0  | 5540.0  | 6022.4 | 6553.7 | 6771.6  | 6876.0  | 6693.7  | 6273.6  | 5844.5 | 5379.9  |
| 10°   | 4904.2  | 4948.6  | 5166.5  | 5748.9 | 6138.0 | 6429.2  | 6493.7  | 6389.2  | 6066.8  | 5531.1 | 5010.9  |
| 12.5° | 4661.8  | 4684.1  | 4939.7  | 5428.8 | 5840.1 | 6055.7  | 6086.8  | 6135.8  | 5904.5  | 5402.1 | 4777.4  |
| 15°   | 4664.1  | 4681.8  | 5026.4  | 5435.5 | 5597.8 | 5540.0  | 5642.2  | 5640.0  | 5740.0  | 5377.7 | 4973.1  |
| 17.5° | 4999.7  | 5019.8  | 5331.0  | 5533.3 | 5462.2 | 5326.5  | 5319.9  | 5422.1  | 5633.3  | 5682.2 | 5268.7  |
| 20°   | 5577.8  | 5624.4  | 5853.4  | 5842.3 | 5442.1 | 5168.7  | 5093.1  | 5170.9  | 5662.2  | 5940.1 | 5864.5  |
| 22.5° | 6355.8  | 6420.3  | 6580.4  | 6273.6 | 5533.3 | 5062.0  | 5037.5  | 5188.7  | 5853.4  | 6515.9 | 6540.4  |
| 25°   | 7258.4  | 7367.3  | 7445.2  | 7051.7 | 5857.9 | 5246.5  | 5130.9  | 5391.0  | 6111.3  | 7140.6 | 7400.7  |
| 27.5° | 7856.4  | 7969.8  | 7952.0  | 7389.6 | 6075.7 | 5295.4  | 5197.6  | 5439.9  | 6335.8  | 7289.5 | 7849.8  |
| 30°   | 8323.3  | 8392.2  | 8516.7  | 7571.9 | 6293.6 | 5433.3  | 5266.5  | 5646.7  | 6409.2  | 7547.4 | 8392.2  |
| 32.5° | 8867.9  | 8914.6  | 8923.5  | 7894.2 | 6629.3 | 5606.7  | 5479.9  | 5904.5  | 6733.8  | 7794.2 | 8872.4  |
| 35°   | 9417.0  | 9486.0  | 9341.5  | 8292.2 | 6836.0 | 5929.0  | 5835.6  | 6351.4  | 6993.9  | 8049.8 | 9401.5  |
| 37.5° | 10012.8 | 10048.4 | 9714.9  | 8456.7 | 7131.7 | 6453.7  | 6402.5  | 6833.8  | 7445.2  | 8512.2 | 9988.4  |
| 40°   | 10513.0 | 10546.4 | 10112.9 | 8659.0 | 7442.9 | 7187.3  | 7318.4  | 7754.2  | 8058.7  | 8812.4 | 10281.8 |
| 42.5° | 10790.9 | 10868.7 | 10246.3 | 8547.8 | 8067.6 | 8018.7  | 8601.2  | 8754.6  | 8770.1  | 8896.8 | 10544.2 |
| 45°   | 10866.5 | 10830.9 | 10026.2 | 8639.0 | 8614.5 | 9385.9  | 9915.0  | 10117.3 | 9477.1  | 9052.5 | 10610.8 |
| 47.5° | 10517.5 | 10564.2 | 9701.6  | 8558.9 | 9332.6 | 10421.9 | 11106.6 | 11482.3 | 10003.9 | 8916.8 | 10446.3 |
| 50°   | 10235.1 | 10175.1 | 9597.1  | 8501.1 | 9526.0 | 10911.0 | 11966.9 | 12051.4 | 10488.6 | 9083.6 | 10266.3 |
| 52.5° | 10290.7 | 10328.5 | 9763.8  | 8654.5 | 9530.4 | 10939.9 | 12100.3 | 12042.5 | 10504.1 | 9045.8 | 10201.8 |
| 55°   | 10408.5 | 10241.8 | 9692.7  | 8316.6 | 8892.4 | 10132.9 | 10739.8 | 10650.9 | 9694.9  | 8643.4 | 10044.0 |
| 57.5° | 8981.3  | 9239.2  | 8912.4  | 7425.1 | 7298.4 | 7634.1  | 7623.0  | 7896.4  | 7231.7  | 7438.5 | 9143.6  |
| 60°   | 7289.5  | 7334.0  | 7456.3  | 6351.4 | 5050.9 | 4935.3  | 4775.2  | 4601.8  | 4866.4  | 6360.3 | 8316.6  |
| 62.5° | 6411.4  | 6358.1  | 6793.8  | 5777.8 | 3565.8 | 2985.6  | 2958.9  | 3065.7  | 3754.8  | 6066.8 | 7800.9  |
| 65°   | 4659.6  | 4726.3  | 5042.0  | 4484.0 | 2676.6 | 2278.7  | 2238.7  | 2554.3  | 3039.0  | 4861.9 | 5953.5  |
| 67.5° | 2845.6  | 2974.5  | 3003.4  | 2765.5 | 1816.3 | 1442.8  | 1385.0  | 1671.8  | 2194.2  | 3145.7 | 3490.3  |
| 70°   | 1313.9  | 1469.5  | 1616.2  | 1509.5 | 1051.5 | 593.6   | 560.2   | 702.5   | 1107.1  | 1809.6 | 1851.8  |
| 72.5° | 397.9   | 400.2   | 560.2   | 584.7  | 340.1  | 133.4   | 117.8   | 155.6   | 375.7   | 598.0  | 629.1   |
| 75°   | 28.9    | 31.1    | 75.6    | 86.7   | 64.5   | 33.3    | 35.6    | 42.2    | 80.0    | 133.4  | 100.0   |
| 77.5° | 2.2     | 2.2     | 2.2     | 11.1   | 20.0   | 22.2    | 28.9    | 33.3    | 42.2    | 48.9   | 44.5    |
| 80°   | 2.2     | 0.0     | 2.2     | 8.9    | 15.6   | 22.2    | 26.7    | 31.1    | 33.3    | 37.8   | 33.3    |
| 82.5° | 0.0     | 0.0     | 0.0     | 6.7    | 15.6   | 22.2    | 24.5    | 33.3    | 37.8    | 44.5   | 37.8    |
| 85°   | 0.0     | 0.0     | 0.0     | 6.7    | 15.6   | 24.5    | 22.2    | 11.1    | 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):**

|       | 90°     | 95°     | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 5731.1  | 5731.1  | 5731.1 | 5731.1 | 5731.1 | 5731.1 | 5731.1 | 5731.1 | 5731.1 | 5731.1 | 5731.1 |
| 2.5°  | 6060.2  | 5973.5  | 5775.6 | 5675.6 | 5439.9 | 5406.6 | 5175.4 | 5137.6 | 5059.8 | 5017.5 | 4915.3 |
| 5°    | 5544.4  | 5439.9  | 5117.6 | 4846.4 | 4530.7 | 4310.6 | 4141.6 | 3988.2 | 3899.3 | 3817.1 | 3854.9 |
| 7.5°  | 5124.2  | 4819.7  | 4461.8 | 4008.2 | 3643.7 | 3408.0 | 3150.1 | 2938.9 | 2814.4 | 2730.0 | 2750.0 |
| 10°   | 4684.1  | 4486.2  | 3988.2 | 3479.1 | 3039.0 | 2872.2 | 2669.9 | 2507.7 | 2332.0 | 2180.9 | 2109.7 |
| 12.5° | 4546.2  | 4252.8  | 3628.1 | 3110.1 | 2776.6 | 2614.4 | 2383.2 | 2196.4 | 1971.9 | 1787.4 | 1722.9 |
| 15°   | 4570.7  | 4288.4  | 3530.3 | 2976.7 | 2583.2 | 2303.1 | 2027.5 | 1796.3 | 1549.5 | 1420.6 | 1353.9 |
| 17.5° | 4968.6  | 4479.5  | 3594.7 | 2836.7 | 2314.2 | 1925.2 | 1585.1 | 1291.6 | 1107.1 | 973.7  | 944.8  |
| 20°   | 5457.7  | 4893.0  | 3732.6 | 2734.4 | 2094.2 | 1531.7 | 1158.2 | 904.8  | 751.4  | 729.2  | 722.5  |
| 22.5° | 6173.5  | 5568.9  | 4028.3 | 2665.5 | 1825.2 | 1193.8 | 793.6  | 658.0  | 615.8  | 611.4  | 613.6  |
| 25°   | 7173.9  | 6415.9  | 4350.6 | 2607.7 | 1622.9 | 920.4  | 649.1  | 558.0  | 544.7  | 538.0  | 549.1  |
| 27.5° | 7607.4  | 6927.2  | 4521.8 | 2483.2 | 1438.3 | 829.2  | 640.3  | 553.6  | 515.8  | 504.6  | 511.3  |
| 30°   | 8143.2  | 7267.3  | 4790.8 | 2269.8 | 1167.1 | 682.5  | 598.0  | 602.5  | 584.7  | 529.1  | 511.3  |
| 32.5° | 8854.6  | 7691.9  | 4926.4 | 2118.6 | 1042.6 | 564.7  | 438.0  | 402.4  | 449.1  | 458.0  | 473.5  |
| 35°   | 9310.3  | 8123.2  | 4995.3 | 2029.7 | 978.2  | 482.4  | 371.3  | 337.9  | 326.8  | 329.0  | 337.9  |
| 37.5° | 10157.3 | 8705.7  | 5082.0 | 1936.3 | 929.3  | 420.2  | 335.7  | 304.6  | 289.0  | 289.0  | 297.9  |
| 40°   | 10664.2 | 9168.1  | 5199.8 | 1885.2 | 880.3  | 382.4  | 304.6  | 277.9  | 264.5  | 264.5  | 269.0  |
| 42.5° | 10790.9 | 9397.0  | 5159.8 | 1867.4 | 824.8  | 373.5  | 277.9  | 257.9  | 242.3  | 240.1  | 237.9  |
| 45°   | 11017.7 | 9746.1  | 5166.5 | 1847.4 | 767.0  | 340.1  | 262.3  | 240.1  | 217.9  | 215.6  | 213.4  |
| 47.5° | 11266.7 | 9997.3  | 5179.8 | 1769.6 | 711.4  | 284.6  | 273.4  | 222.3  | 195.6  | 191.2  | 191.2  |
| 50°   | 11053.2 | 10197.4 | 5295.4 | 1691.8 | 640.3  | 231.2  | 269.0  | 209.0  | 173.4  | 166.7  | 169.0  |
| 52.5° | 11079.9 | 10433.0 | 5540.0 | 1582.8 | 551.3  | 184.5  | 217.9  | 197.9  | 157.8  | 146.7  | 148.9  |
| 55°   | 10653.1 | 10184.0 | 5573.3 | 1467.2 | 431.3  | 142.3  | 166.7  | 173.4  | 133.4  | 128.9  | 128.9  |
| 57.5° | 9170.3  | 8623.4  | 4917.5 | 1189.4 | 284.6  | 117.8  | 120.0  | 151.2  | 115.6  | 111.2  | 113.4  |
| 60°   | 7847.5  | 6922.7  | 3957.1 | 784.8  | 177.8  | 93.4   | 86.7   | 153.4  | 102.3  | 100.0  | 106.7  |
| 62.5° | 7153.9  | 5688.9  | 3001.2 | 486.9  | 122.3  | 71.1   | 60.0   | 124.5  | 88.9   | 88.9   | 97.8   |
| 65°   | 5168.7  | 3821.5  | 1745.1 | 255.7  | 86.7   | 55.6   | 44.5   | 71.1   | 73.4   | 75.6   | 80.0   |
| 67.5° | 3201.3  | 1929.6  | 735.8  | 124.5  | 57.8   | 37.8   | 28.9   | 44.5   | 48.9   | 48.9   | 53.4   |
| 70°   | 1580.6  | 769.2   | 244.5  | 71.1   | 44.5   | 31.1   | 20.0   | 24.5   | 24.5   | 22.2   | 24.5   |
| 72.5° | 489.1   | 231.2   | 62.2   | 44.5   | 31.1   | 20.0   | 11.1   | 8.9    | 4.4    | 0.0    | 2.2    |
| 75°   | 55.6    | 44.5    | 40.0   | 31.1   | 20.0   | 8.9    | 2.2    | 0.0    | 0.0    | 0.0    | 0.0    |
| 77.5° | 33.3    | 37.8    | 37.8   | 31.1   | 20.0   | 6.7    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°   | 26.7    | 28.9    | 31.1   | 28.9   | 17.8   | 8.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 82.5° | 33.3    | 37.8    | 42.2   | 37.8   | 24.5   | 11.1   | 4.4    | 0.0    | 0.0    | 0.0    | 0.0    |
| 85°   | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 6.7    | 2.2    | 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°    | 5731.1 | 5731.1 | 5731.1 | 5731.1 | 5731.1 | 5731.1 | 5731.1 | 5731.1 | 5731.1 | 5731.1 | 5731.1 |
| 2.5°  | 4873.0 | 4824.1 | 4893.0 | 4790.8 | 4788.6 | 4790.8 | 4761.9 | 4735.2 | 4777.4 | 4890.8 | 4901.9 |
| 5°    | 3719.2 | 3823.7 | 3857.1 | 3966.0 | 3906.0 | 3817.1 | 3834.8 | 3774.8 | 3921.5 | 3986.0 | 3934.9 |
| 7.5°  | 2707.7 | 2701.1 | 2925.6 | 2938.9 | 2967.8 | 2970.1 | 2965.6 | 2847.8 | 2727.7 | 2754.4 | 2834.4 |
| 10°   | 2100.8 | 1987.4 | 2096.4 | 2085.3 | 2156.4 | 2136.4 | 2165.3 | 2038.6 | 2080.8 | 2080.8 | 2132.0 |
| 12.5° | 1711.8 | 1591.7 | 1571.7 | 1542.8 | 1571.7 | 1582.8 | 1594.0 | 1569.5 | 1640.6 | 1674.0 | 1709.6 |
| 15°   | 1307.2 | 1240.5 | 1222.7 | 1167.1 | 1176.0 | 1207.1 | 1233.8 | 1244.9 | 1222.7 | 1273.8 | 1278.3 |
| 17.5° | 949.3  | 947.0  | 958.2  | 955.9  | 947.0  | 940.4  | 938.1  | 909.2  | 900.4  | 904.8  | 922.6  |
| 20°   | 720.3  | 738.1  | 775.9  | 813.7  | 833.7  | 809.2  | 775.9  | 727.0  | 706.9  | 711.4  | 713.6  |
| 22.5° | 615.8  | 642.5  | 693.6  | 735.8  | 755.9  | 711.4  | 651.4  | 609.1  | 600.2  | 598.0  | 595.8  |
| 25°   | 558.0  | 589.1  | 626.9  | 640.3  | 638.0  | 611.4  | 566.9  | 549.1  | 544.7  | 540.2  | 520.2  |
| 27.5° | 526.9  | 538.0  | 544.7  | 560.2  | 566.9  | 549.1  | 538.0  | 511.3  | 506.9  | 506.9  | 493.5  |
| 30°   | 509.1  | 502.4  | 511.3  | 500.2  | 509.1  | 495.8  | 498.0  | 498.0  | 486.9  | 491.3  | 491.3  |
| 32.5° | 473.5  | 475.7  | 475.7  | 453.5  | 460.2  | 444.6  | 460.2  | 473.5  | 475.7  | 478.0  | 495.8  |
| 35°   | 346.8  | 386.8  | 406.8  | 406.8  | 413.5  | 402.4  | 400.2  | 384.6  | 364.6  | 344.6  | 335.7  |
| 37.5° | 304.6  | 320.1  | 346.8  | 362.4  | 373.5  | 364.6  | 344.6  | 320.1  | 309.0  | 300.1  | 291.2  |
| 40°   | 271.2  | 284.6  | 302.3  | 320.1  | 342.4  | 331.2  | 300.1  | 289.0  | 275.7  | 275.7  | 266.8  |
| 42.5° | 244.5  | 251.2  | 262.3  | 289.0  | 313.5  | 291.2  | 269.0  | 260.1  | 253.4  | 251.2  | 249.0  |
| 45°   | 220.1  | 222.3  | 233.4  | 255.7  | 284.6  | 262.3  | 240.1  | 229.0  | 231.2  | 233.4  | 231.2  |
| 47.5° | 197.9  | 202.3  | 209.0  | 235.6  | 253.4  | 242.3  | 217.9  | 211.2  | 211.2  | 211.2  | 213.4  |
| 50°   | 171.2  | 182.3  | 195.6  | 217.9  | 231.2  | 224.5  | 204.5  | 195.6  | 191.2  | 191.2  | 193.4  |
| 52.5° | 153.4  | 162.3  | 180.1  | 206.7  | 224.5  | 213.4  | 193.4  | 180.1  | 171.2  | 169.0  | 173.4  |
| 55°   | 133.4  | 148.9  | 177.8  | 197.9  | 222.3  | 211.2  | 189.0  | 173.4  | 157.8  | 155.6  | 155.6  |
| 57.5° | 120.0  | 144.5  | 171.2  | 195.6  | 215.6  | 206.7  | 189.0  | 169.0  | 148.9  | 146.7  | 146.7  |
| 60°   | 113.4  | 140.1  | 166.7  | 189.0  | 215.6  | 202.3  | 186.7  | 164.5  | 142.3  | 142.3  | 140.1  |
| 62.5° | 106.7  | 131.2  | 157.8  | 180.1  | 206.7  | 195.6  | 180.1  | 157.8  | 135.6  | 135.6  | 131.2  |
| 65°   | 88.9   | 113.4  | 131.2  | 151.2  | 180.1  | 169.0  | 153.4  | 137.8  | 120.0  | 115.6  | 117.8  |
| 67.5° | 62.2   | 77.8   | 95.6   | 115.6  | 133.4  | 128.9  | 122.3  | 111.2  | 95.6   | 93.4   | 91.1   |
| 70°   | 31.1   | 42.2   | 57.8   | 77.8   | 93.4   | 88.9   | 84.5   | 75.6   | 66.7   | 64.5   | 64.5   |
| 72.5° | 4.4    | 13.3   | 24.5   | 35.6   | 48.9   | 51.1   | 48.9   | 46.7   | 44.5   | 42.2   | 44.5   |
| 75°   | 0.0    | 0.0    | 0.0    | 8.9    | 20.0   | 24.5   | 28.9   | 33.3   | 33.3   | 28.9   | 35.6   |
| 77.5° | 0.0    | 0.0    | 0.0    | 0.0    | 2.2    | 11.1   | 22.2   | 28.9   | 35.6   | 31.1   | 42.2   |
| 80°   | 0.0    | 0.0    | 0.0    | 0.0    | 2.2    | 13.3   | 22.2   | 31.1   | 35.6   | 31.1   | 44.5   |
| 82.5° | 0.0    | 0.0    | 0.0    | 0.0    | 2.2    | 15.6   | 22.2   | 28.9   | 33.3   | 31.1   | 40.0   |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 6.7    | 13.3   | 8.9    | 4.4    | 2.2    | 2.2    | 6.7    |
| 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: P529483

CATALOG NUMBER: GLAN-SA4C-827-U-SLL-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°    | 360°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| 0°    | 5731.1 | 5731.1 | 5731.1 | 5731.1 | 5731.1 | 5731.1 | 5731.1 | 5731.1 | 5731.1  | 5731.1  |
| 2.5°  | 4964.2 | 5122.0 | 5291.0 | 5355.4 | 5555.5 | 5706.7 | 5809.0 | 6029.0 | 6062.4  | 6064.6  |
| 5°    | 3988.2 | 4068.3 | 4357.3 | 4492.9 | 4790.8 | 5022.0 | 5268.7 | 5624.4 | 5862.3  | 5880.1  |
| 7.5°  | 2834.4 | 3056.8 | 3179.0 | 3532.5 | 3899.3 | 4261.7 | 4628.5 | 5042.0 | 5317.7  | 5324.3  |
| 10°   | 2280.9 | 2425.4 | 2643.3 | 2907.8 | 3216.8 | 3585.9 | 4074.9 | 4555.1 | 4835.2  | 4904.2  |
| 12.5° | 1836.3 | 2089.7 | 2338.7 | 2612.1 | 2847.8 | 3125.7 | 3652.5 | 4292.8 | 4524.0  | 4661.8  |
| 15°   | 1413.9 | 1645.1 | 1938.5 | 2258.7 | 2525.4 | 2896.7 | 3496.9 | 4228.3 | 4617.4  | 4664.1  |
| 17.5° | 1042.6 | 1249.4 | 1520.6 | 1822.9 | 2223.1 | 2750.0 | 3523.6 | 4555.1 | 4921.9  | 4999.7  |
| 20°   | 749.2  | 869.2  | 1082.6 | 1433.9 | 1943.0 | 2578.8 | 3550.3 | 4886.4 | 5444.4  | 5577.8  |
| 22.5° | 593.6  | 642.5  | 782.5  | 1093.8 | 1629.5 | 2398.7 | 3739.3 | 5520.0 | 6162.4  | 6355.8  |
| 25°   | 515.8  | 542.4  | 609.1  | 862.6  | 1431.7 | 2380.9 | 4041.6 | 6280.3 | 7118.4  | 7258.4  |
| 27.5° | 498.0  | 502.4  | 560.2  | 791.4  | 1325.0 | 2263.1 | 4157.2 | 6820.5 | 7714.1  | 7856.4  |
| 30°   | 524.7  | 595.8  | 600.2  | 669.2  | 1127.1 | 2029.7 | 4217.2 | 7342.9 | 8218.8  | 8323.3  |
| 32.5° | 453.5  | 431.3  | 446.8  | 518.0  | 991.5  | 1894.1 | 4330.6 | 7798.6 | 8794.6  | 8867.9  |
| 35°   | 315.7  | 331.2  | 366.8  | 449.1  | 867.0  | 1751.8 | 4359.5 | 8301.0 | 9341.5  | 9417.0  |
| 37.5° | 291.2  | 300.1  | 329.0  | 382.4  | 762.5  | 1671.8 | 4319.5 | 8667.9 | 9908.3  | 10012.8 |
| 40°   | 271.2  | 282.3  | 297.9  | 346.8  | 684.7  | 1582.8 | 4263.9 | 8999.1 | 10255.2 | 10513.0 |
| 42.5° | 255.7  | 264.5  | 277.9  | 331.2  | 618.0  | 1493.9 | 4186.1 | 9466.0 | 10566.4 | 10790.9 |
| 45°   | 237.9  | 251.2  | 266.8  | 322.3  | 580.2  | 1433.9 | 4128.3 | 9437.1 | 10746.5 | 10866.5 |
| 47.5° | 220.1  | 242.3  | 260.1  | 300.1  | 569.1  | 1405.0 | 4152.7 | 9328.1 | 10599.7 | 10517.5 |
| 50°   | 202.3  | 231.2  | 262.3  | 249.0  | 542.4  | 1347.2 | 4181.6 | 9477.1 | 10250.7 | 10235.1 |
| 52.5° | 186.7  | 220.1  | 244.5  | 204.5  | 482.4  | 1291.6 | 4461.8 | 9672.7 | 10497.5 | 10290.7 |
| 55°   | 164.5  | 197.9  | 195.6  | 164.5  | 391.3  | 1249.4 | 4681.8 | 9677.1 | 10330.7 | 10408.5 |
| 57.5° | 148.9  | 175.6  | 153.4  | 137.8  | 289.0  | 1044.9 | 4323.9 | 8114.3 | 8843.5  | 8981.3  |
| 60°   | 137.8  | 171.2  | 115.6  | 108.9  | 189.0  | 753.6  | 3774.8 | 6284.7 | 7029.4  | 7289.5  |
| 62.5° | 126.7  | 162.3  | 91.1   | 88.9   | 131.2  | 535.8  | 3103.4 | 5259.8 | 6057.9  | 6411.4  |
| 65°   | 111.2  | 115.6  | 73.4   | 68.9   | 93.4   | 289.0  | 1889.6 | 3621.4 | 4528.5  | 4659.6  |
| 67.5° | 91.1   | 88.9   | 60.0   | 55.6   | 62.2   | 140.1  | 833.7  | 1814.0 | 2625.5  | 2845.6  |
| 70°   | 73.4   | 73.4   | 51.1   | 44.5   | 44.5   | 64.5   | 217.9  | 722.5  | 1187.1  | 1313.9  |
| 72.5° | 53.4   | 55.6   | 40.0   | 35.6   | 33.3   | 31.1   | 35.6   | 144.5  | 311.2   | 397.9   |
| 75°   | 46.7   | 48.9   | 40.0   | 31.1   | 24.5   | 20.0   | 15.6   | 13.3   | 17.8    | 28.9    |
| 77.5° | 51.1   | 51.1   | 42.2   | 28.9   | 22.2   | 15.6   | 8.9    | 4.4    | 4.4     | 2.2     |
| 80°   | 64.5   | 66.7   | 55.6   | 37.8   | 26.7   | 17.8   | 11.1   | 4.4    | 2.2     | 2.2     |
| 82.5° | 68.9   | 75.6   | 62.2   | 46.7   | 33.3   | 20.0   | 11.1   | 2.2    | 0.0     | 0.0     |
| 85°   | 17.8   | 28.9   | 48.9   | 42.2   | 33.3   | 20.0   | 11.1   | 2.2    | 0.0     | 0.0     |
| 87.5° | 0.0    | 2.2    | 6.7    | 6.7    | 8.9    | 8.9    | 6.7    | 2.2    | 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     |

(END OF REPORT)