

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: P450956

Luminaire Tested: **GLAN-SA1D-740-U-SLL-HSS**

Issue Date: 1/4/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P450956  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-042-21)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/4/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA1D-740-U-SLL-HSS  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(1) 70 CRI, 4000K, 1200mA LIGHTSQUARE WITH 16 LEDS AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH HOUSE SIDE SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5621 lumens  
Efficiency: N/A  
Efficacy: 86.5 lumens/watt  
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B1 - U0 - G1

Input Watts (W): 65  
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

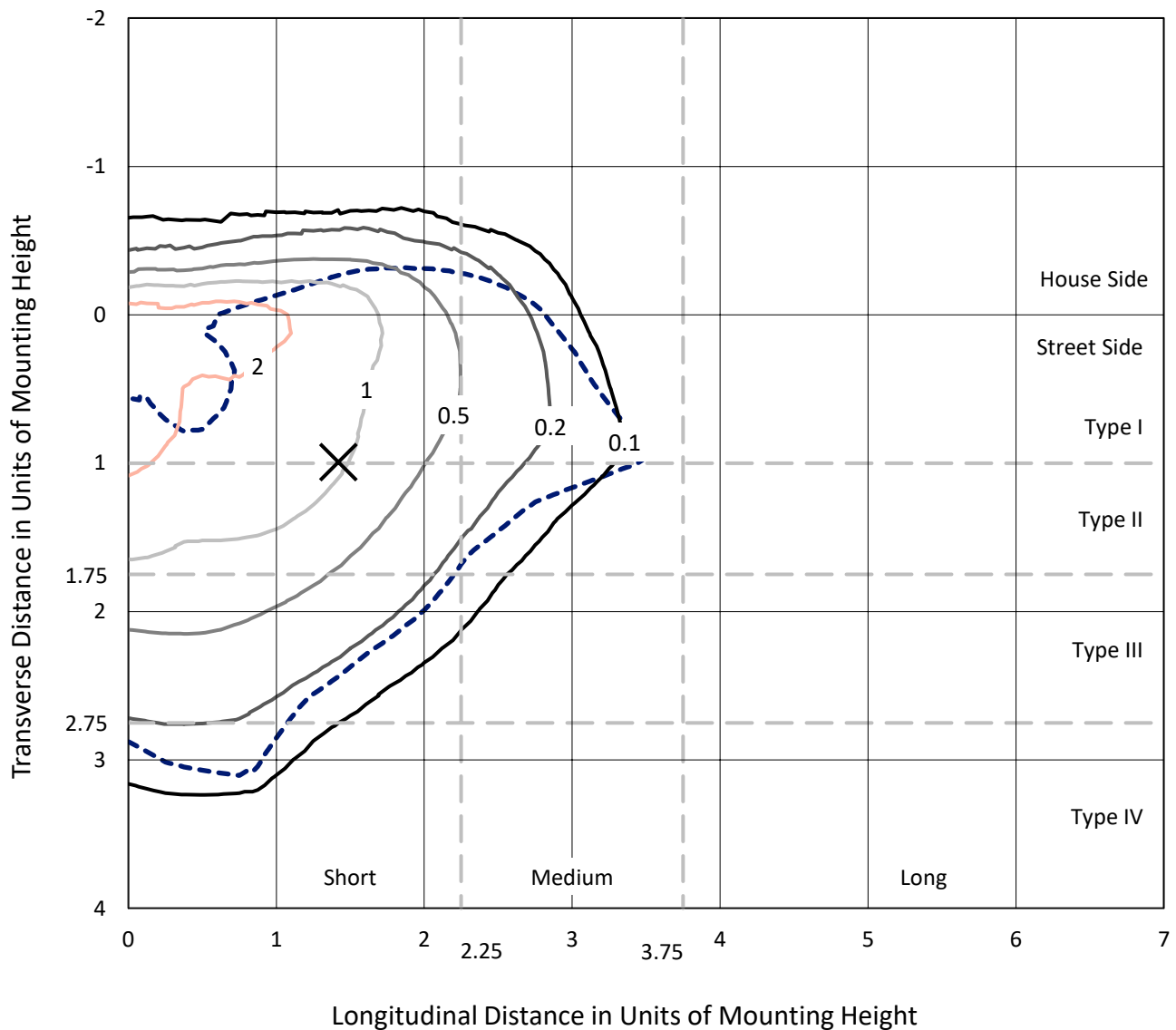


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## Iso-Footcandle Lines of Horizontal Illumination

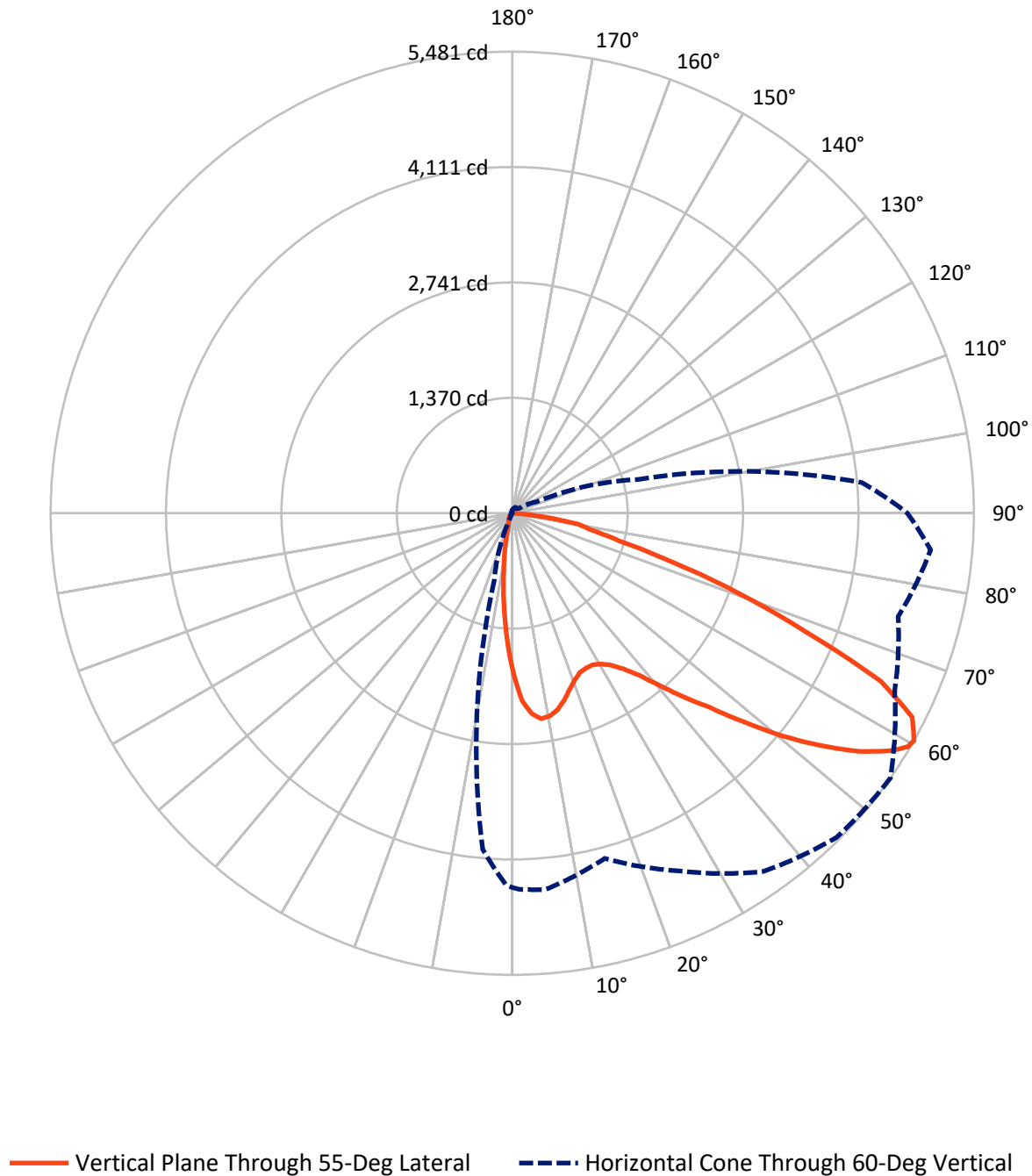
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 3.9 fc  
 Type III - Short - N/A

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## Luminous Intensity Polar Plot



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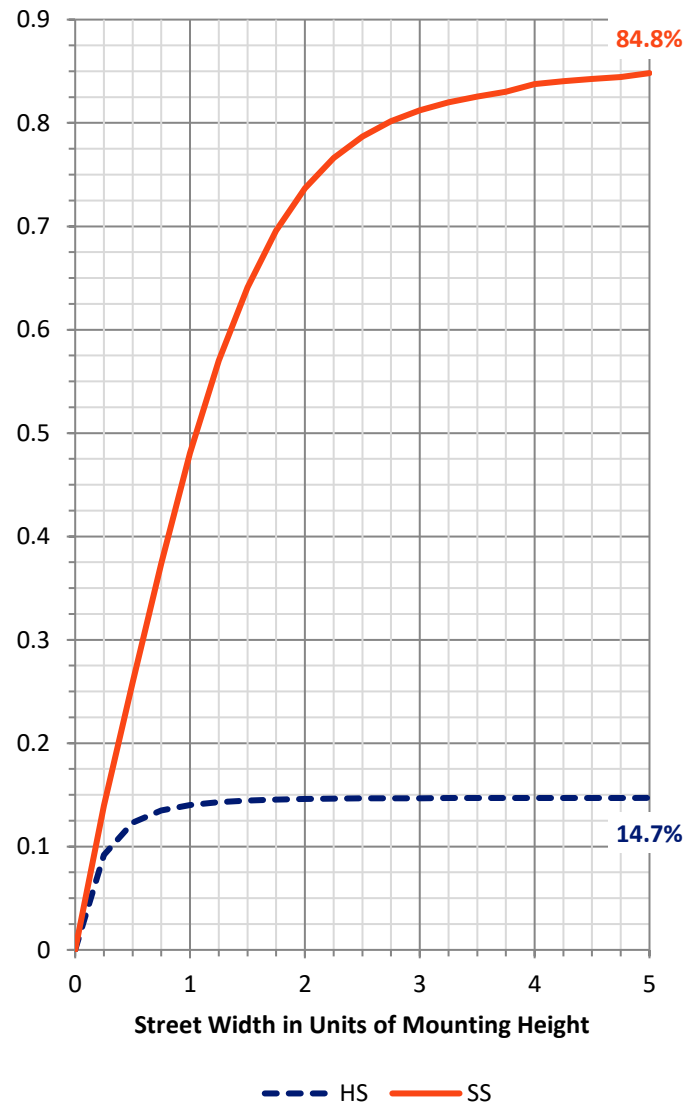
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total  |
|--------------------|-----------|----------|--------|--------|
| <b>House Side</b>  | Lumens    | 834.2    | 0.0    | 834.2  |
|                    | % Fixture | 14.8     | 0.0    | 14.8   |
| <b>Street Side</b> | Lumens    | 4786.8   | 0.0    | 4786.8 |
|                    | % Fixture | 85.2     | 0.0    | 85.2   |
| <b>Total</b>       | Lumens    | 5621.0   | 0.0    | 5621.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0  |

**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 140.9  | 2.5       |
| 10°-20°   | 277.5  | 4.9       |
| 20°-30°   | 410.8  | 7.3       |
| 30°-40°   | 612.4  | 10.9      |
| 40°-50°   | 896.8  | 16.0      |
| 50°-60°   | 1294.7 | 23.0      |
| 60°-70°   | 1362.0 | 24.2      |
| 70°-80°   | 560.3  | 10.0      |
| 80°-90°   | 65.6   | 1.2       |
| 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°    | 5621.0 | 100.0     |
| 0°-180°   | 5621.0 | 100.0     |

**Coefficient of Utilization**



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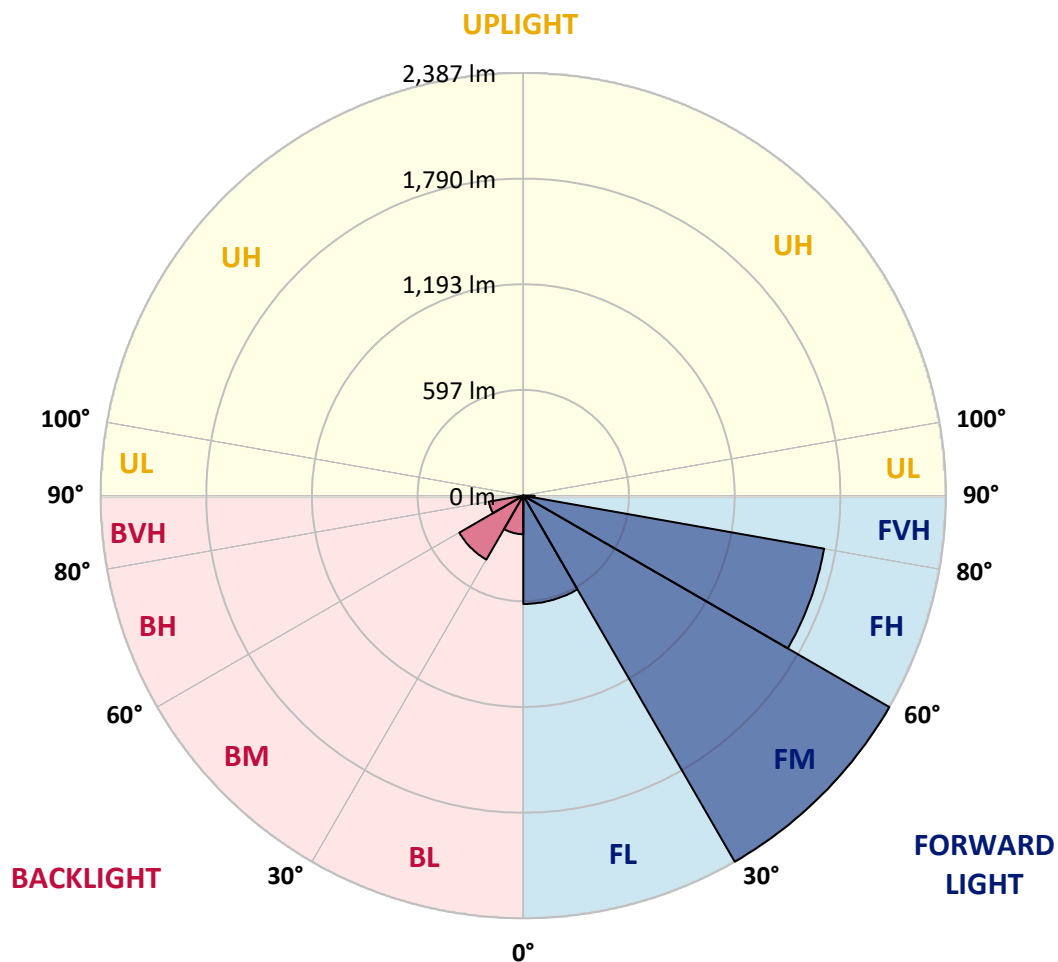
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 611.6  | 10.9      |                         |      |         |
| FM   | (30°-60°)   | 2386.7 | 42.5      |                         |      |         |
| FH   | (60°-80°)   | 1724.8 | 30.7      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 63.7   | 1.1       |                         |      | G1/100  |
| BL   | (0°-30°)    | 217.6  | 3.9       | B1/500                  |      |         |
| BM   | (30°-60°)   | 417.2  | 7.4       | B1/1000                 |      |         |
| BH   | (60°-80°)   | 197.4  | 3.5       | B1/500                  |      | G1/500  |
| BVH  | (80°-90°)   | 1.9    | 0.0       |                         |      | G0/10   |
| UL   | (90°-100°)  | 0.0    | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0    | 0.0       |                         | U0/0 |         |

**BUG Rating: B1-U0-G1**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 1°     | 5°     | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 |
| 2.5°  | 2079.3 | 2075.9 | 2106.6 | 2156.8 | 2207.4 | 2233.8 | 2228.6 | 2226.4 | 2184.5 | 2153.8 | 2089.3 |
| 5°    | 2075.0 | 2092.8 | 2147.7 | 2283.6 | 2386.5 | 2436.3 | 2451.0 | 2389.1 | 2307.4 | 2188.8 | 2042.6 |
| 7.5°  | 1950.8 | 1972.9 | 2062.5 | 2274.9 | 2457.9 | 2566.1 | 2562.2 | 2463.1 | 2294.4 | 2110.9 | 1902.4 |
| 10°   | 1796.8 | 1822.8 | 1927.9 | 2185.8 | 2423.3 | 2566.1 | 2573.9 | 2448.4 | 2238.6 | 2003.2 | 1783.8 |
| 12.5° | 1688.2 | 1718.9 | 1835.3 | 2102.7 | 2334.2 | 2474.8 | 2483.9 | 2393.0 | 2196.6 | 1961.7 | 1719.4 |
| 15°   | 1651.4 | 1680.4 | 1798.6 | 2060.7 | 2239.4 | 2315.1 | 2313.0 | 2303.5 | 2180.2 | 1971.6 | 1722.8 |
| 17.5° | 1714.6 | 1738.4 | 1871.7 | 2079.8 | 2150.7 | 2142.9 | 2154.2 | 2200.1 | 2183.6 | 2055.1 | 1831.9 |
| 20°   | 1877.7 | 1902.0 | 2045.2 | 2138.2 | 2082.8 | 2033.5 | 2038.7 | 2115.3 | 2215.6 | 2212.2 | 2002.3 |
| 22.5° | 2102.3 | 2143.4 | 2273.2 | 2251.5 | 2073.7 | 1965.6 | 1954.7 | 2054.3 | 2270.1 | 2393.0 | 2232.5 |
| 25°   | 2386.5 | 2428.1 | 2529.3 | 2432.4 | 2118.3 | 1949.5 | 1939.6 | 2035.6 | 2336.3 | 2569.5 | 2491.7 |
| 27.5° | 2625.4 | 2656.9 | 2757.8 | 2608.5 | 2184.0 | 1956.5 | 1940.0 | 2038.2 | 2390.0 | 2719.7 | 2710.2 |
| 30°   | 2816.6 | 2840.0 | 2899.2 | 2690.7 | 2240.7 | 1986.8 | 1967.7 | 2076.3 | 2413.8 | 2792.8 | 2887.1 |
| 32.5° | 2970.6 | 3010.0 | 3028.6 | 2778.5 | 2322.1 | 2043.9 | 2011.4 | 2149.4 | 2471.8 | 2883.2 | 3072.7 |
| 35°   | 3146.7 | 3192.1 | 3168.3 | 2862.5 | 2429.4 | 2133.0 | 2093.2 | 2268.0 | 2559.6 | 2966.7 | 3288.2 |
| 37.5° | 3370.0 | 3422.3 | 3329.3 | 2950.7 | 2542.7 | 2267.1 | 2248.5 | 2434.6 | 2692.9 | 3086.1 | 3519.2 |
| 40°   | 3601.0 | 3631.3 | 3485.5 | 3058.0 | 2682.0 | 2462.2 | 2480.0 | 2682.0 | 2867.2 | 3229.3 | 3765.0 |
| 42.5° | 3781.4 | 3810.0 | 3646.0 | 3148.0 | 2824.4 | 2693.7 | 2767.7 | 2980.6 | 3067.1 | 3376.0 | 3948.4 |
| 45°   | 3919.4 | 3943.7 | 3757.2 | 3246.2 | 3016.5 | 3029.0 | 3168.8 | 3288.2 | 3267.4 | 3465.6 | 4089.9 |
| 47.5° | 4026.7 | 4047.5 | 3842.9 | 3351.8 | 3304.2 | 3439.2 | 3652.9 | 3703.5 | 3475.1 | 3562.5 | 4218.0 |
| 50°   | 4070.9 | 4076.9 | 3869.7 | 3486.3 | 3630.9 | 3961.8 | 4184.7 | 4153.9 | 3713.1 | 3670.2 | 4354.3 |
| 52.5° | 4128.4 | 4127.1 | 3946.3 | 3614.4 | 3938.0 | 4429.1 | 4651.5 | 4581.8 | 3982.2 | 3831.6 | 4507.4 |
| 55°   | 4279.4 | 4281.1 | 4110.2 | 3796.1 | 4199.8 | 4806.4 | 5044.3 | 4993.7 | 4266.0 | 4104.2 | 4686.1 |
| 57.5° | 4462.8 | 4469.3 | 4343.4 | 4008.6 | 4449.9 | 5079.8 | 5337.7 | 5318.2 | 4649.8 | 4407.5 | 4854.8 |
| 59°   | 4486.6 | 4499.6 | 4453.8 | 4158.3 | 4598.3 | 5163.8 | 5438.1 | 5457.1 | 4855.3 | 4607.4 | 4946.1 |
| 60°   | 4443.4 | 4465.0 | 4485.8 | 4243.1 | 4685.2 | 5194.0 | 5444.1 | 5481.3 | 5009.7 | 4743.2 | 4987.7 |
| 62.5° | 4254.7 | 4288.9 | 4393.2 | 4504.0 | 4793.8 | 5099.7 | 5250.7 | 5328.6 | 5201.0 | 5100.2 | 4991.6 |
| 65°   | 4007.7 | 4025.4 | 4176.0 | 4550.2 | 4583.1 | 4659.3 | 4706.0 | 4805.9 | 4971.2 | 5237.7 | 4812.9 |
| 67.5° | 3602.7 | 3655.1 | 3839.4 | 4281.6 | 3961.4 | 3871.4 | 3859.7 | 3760.2 | 4189.4 | 4909.8 | 4372.4 |
| 70°   | 2976.2 | 2999.6 | 3226.8 | 3510.1 | 2989.7 | 2851.2 | 2906.6 | 2869.4 | 3247.5 | 4226.6 | 3519.2 |
| 72.5° | 2250.7 | 2303.5 | 2525.4 | 2798.0 | 2034.3 | 1854.8 | 2007.5 | 1993.7 | 2439.3 | 3396.8 | 2417.7 |
| 75°   | 1601.3 | 1635.4 | 1918.4 | 2189.7 | 1424.7 | 1207.1 | 1262.1 | 1313.5 | 1702.9 | 2682.0 | 1428.6 |
| 77.5° | 1100.2 | 1129.7 | 1342.1 | 1448.1 | 1039.2 | 995.5  | 910.7  | 960.5  | 1115.8 | 1591.3 | 777.5  |
| 80°   | 663.7  | 662.4  | 802.1  | 828.1  | 723.8  | 840.7  | 705.2  | 791.8  | 674.5  | 681.0  | 301.1  |
| 82.5° | 430.9  | 426.6  | 490.6  | 534.8  | 402.8  | 423.6  | 284.3  | 409.7  | 439.6  | 189.9  | 95.2   |
| 85°   | 193.0  | 201.2  | 235.8  | 311.1  | 176.5  | 93.9   | 58.0   | 125.9  | 187.3  | 95.6   | 0.0    |
| 87.5° | 19.9   | 15.6   | 41.5   | 75.7   | 24.2   | 2.6    | 8.7    | 4.3    | 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°    | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 |
| 2.5°  | 2059.4 | 2034.3 | 1959.5 | 1889.4 | 1829.3 | 1755.7 | 1708.1 | 1633.3 | 1587.8 | 1574.0 | 1576.2 |
| 5°    | 1976.8 | 1904.6 | 1762.2 | 1648.4 | 1521.7 | 1449.4 | 1339.5 | 1233.9 | 1176.8 | 1155.6 | 1146.1 |
| 7.5°  | 1803.7 | 1726.3 | 1554.5 | 1375.8 | 1240.0 | 1113.2 | 1031.5 | 938.4  | 874.8  | 822.5  | 813.4  |
| 10°   | 1675.2 | 1573.6 | 1360.7 | 1168.6 | 1061.3 | 966.1  | 884.3  | 791.3  | 716.5  | 656.8  | 640.3  |
| 12.5° | 1598.2 | 1484.4 | 1246.9 | 1086.0 | 984.3  | 886.5  | 780.1  | 672.3  | 595.8  | 531.3  | 501.4  |
| 15°   | 1584.4 | 1452.4 | 1214.9 | 1026.7 | 901.2  | 783.1  | 641.6  | 525.2  | 446.5  | 385.5  | 366.9  |
| 17.5° | 1667.9 | 1510.0 | 1210.1 | 964.8  | 792.6  | 625.2  | 478.1  | 381.6  | 292.9  | 258.7  | 245.3  |
| 20°   | 1816.7 | 1611.6 | 1209.7 | 893.0  | 681.0  | 481.5  | 335.7  | 248.8  | 212.9  | 196.4  | 188.6  |
| 22.5° | 2019.6 | 1750.1 | 1232.6 | 831.1  | 565.0  | 355.2  | 239.7  | 198.2  | 177.4  | 164.0  | 160.9  |
| 25°   | 2267.6 | 1955.2 | 1288.9 | 789.2  | 476.4  | 278.6  | 197.7  | 169.6  | 152.3  | 146.2  | 143.6  |
| 27.5° | 2487.8 | 2151.6 | 1350.8 | 745.9  | 412.8  | 246.6  | 183.4  | 155.3  | 141.5  | 136.7  | 132.8  |
| 30°   | 2677.7 | 2329.9 | 1380.6 | 688.8  | 361.7  | 225.8  | 186.0  | 166.1  | 148.0  | 133.7  | 127.2  |
| 32.5° | 2836.1 | 2466.6 | 1400.1 | 636.9  | 318.4  | 184.7  | 147.1  | 128.5  | 120.3  | 115.1  | 110.8  |
| 35°   | 3034.2 | 2614.5 | 1388.4 | 607.4  | 296.4  | 168.3  | 134.1  | 110.8  | 96.9   | 86.5   | 82.2   |
| 37.5° | 3241.9 | 2762.5 | 1368.1 | 583.2  | 286.4  | 156.2  | 127.6  | 105.1  | 90.0   | 79.2   | 73.6   |
| 40°   | 3456.9 | 2899.7 | 1344.3 | 560.7  | 277.3  | 148.4  | 123.7  | 100.4  | 85.2   | 73.6   | 67.5   |
| 42.5° | 3653.8 | 3033.4 | 1334.7 | 546.0  | 262.6  | 149.7  | 120.7  | 98.2   | 80.5   | 68.4   | 63.2   |
| 45°   | 3813.0 | 3160.1 | 1347.7 | 538.2  | 246.6  | 147.5  | 121.6  | 95.6   | 76.6   | 64.9   | 59.7   |
| 47.5° | 3983.0 | 3339.2 | 1389.7 | 530.4  | 231.0  | 137.2  | 128.1  | 95.2   | 74.8   | 62.7   | 57.1   |
| 50°   | 4180.8 | 3568.5 | 1485.7 | 511.4  | 212.0  | 125.9  | 136.3  | 94.8   | 72.7   | 60.1   | 54.5   |
| 52.5° | 4444.2 | 3829.0 | 1584.8 | 478.1  | 184.3  | 115.1  | 130.2  | 93.5   | 68.4   | 57.1   | 51.5   |
| 55°   | 4680.9 | 4103.3 | 1668.8 | 438.7  | 149.3  | 99.5   | 117.2  | 87.8   | 61.0   | 51.9   | 46.7   |
| 57.5° | 4778.7 | 4258.2 | 1666.2 | 384.2  | 119.4  | 87.4   | 96.5   | 80.5   | 53.2   | 45.9   | 41.5   |
| 59°   | 4742.8 | 4238.7 | 1610.3 | 344.0  | 109.0  | 80.9   | 80.0   | 79.6   | 49.8   | 41.5   | 38.1   |
| 60°   | 4692.2 | 4167.8 | 1550.2 | 324.1  | 102.5  | 76.6   | 73.6   | 78.7   | 46.7   | 38.9   | 35.5   |
| 62.5° | 4498.3 | 3873.6 | 1350.8 | 290.3  | 93.9   | 64.9   | 58.8   | 66.6   | 41.5   | 33.7   | 30.7   |
| 65°   | 4217.5 | 3421.4 | 1143.5 | 280.8  | 91.3   | 53.6   | 48.9   | 47.6   | 35.5   | 28.6   | 26.0   |
| 67.5° | 3669.8 | 2895.3 | 926.3  | 274.3  | 92.2   | 45.0   | 42.8   | 35.9   | 29.4   | 23.8   | 22.1   |
| 70°   | 2938.2 | 2257.6 | 758.4  | 266.9  | 93.0   | 36.8   | 35.9   | 28.6   | 23.8   | 19.9   | 18.2   |
| 72.5° | 1785.1 | 1338.2 | 597.1  | 231.9  | 90.4   | 29.4   | 32.0   | 21.6   | 17.3   | 14.3   | 13.4   |
| 75°   | 1103.7 | 915.9  | 370.4  | 180.4  | 59.7   | 21.6   | 22.5   | 13.4   | 11.7   | 9.1    | 9.1    |
| 77.5° | 639.5  | 578.5  | 132.4  | 64.9   | 26.4   | 13.0   | 10.0   | 6.9    | 6.5    | 3.9    | 3.9    |
| 80°   | 265.2  | 212.4  | 45.9   | 22.1   | 14.3   | 6.1    | 2.2    | 0.4    | 0.0    | 0.0    | 0.0    |
| 82.5° | 77.4   | 68.8   | 12.5   | 10.0   | 4.3    | 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    |





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**CANDELA DISTRIBUTION (continued):**

|       | 185°   | 195°   | 205°   | 215°   | 225°   | 235°   | 245°   | 255°   | 265°   | 270°   | 275°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 |
| 2.5°  | 1539.4 | 1525.1 | 1518.6 | 1540.7 | 1520.4 | 1546.3 | 1526.4 | 1535.1 | 1560.6 | 1571.8 | 1600.8 |
| 5°    | 1152.2 | 1137.5 | 1130.5 | 1163.8 | 1162.1 | 1178.6 | 1176.8 | 1192.0 | 1204.9 | 1176.0 | 1205.8 |
| 7.5°  | 802.6  | 792.6  | 809.1  | 835.0  | 862.7  | 853.6  | 853.6  | 833.3  | 840.2  | 835.9  | 834.6  |
| 10°   | 610.5  | 576.3  | 567.6  | 566.8  | 577.2  | 579.3  | 567.6  | 539.5  | 549.9  | 552.9  | 571.1  |
| 12.5° | 480.2  | 453.9  | 413.6  | 395.4  | 390.7  | 394.6  | 356.1  | 331.4  | 343.1  | 336.2  | 353.9  |
| 15°   | 344.4  | 322.8  | 299.0  | 278.6  | 273.0  | 265.2  | 223.3  | 193.8  | 190.4  | 191.7  | 194.7  |
| 17.5° | 245.7  | 231.0  | 231.0  | 209.4  | 197.7  | 174.4  | 153.2  | 140.2  | 138.9  | 140.2  | 142.3  |
| 20°   | 181.3  | 173.5  | 172.6  | 167.0  | 154.0  | 138.5  | 123.7  | 121.1  | 120.3  | 122.4  | 123.3  |
| 22.5° | 156.2  | 148.0  | 141.0  | 140.6  | 128.5  | 115.5  | 108.6  | 105.1  | 105.6  | 106.4  | 108.6  |
| 25°   | 139.7  | 131.1  | 123.7  | 119.4  | 110.8  | 101.7  | 95.2   | 93.5   | 93.5   | 94.8   | 95.2   |
| 27.5° | 128.1  | 117.2  | 110.8  | 104.7  | 96.9   | 89.1   | 83.5   | 82.2   | 81.3   | 82.2   | 84.4   |
| 30°   | 119.8  | 109.0  | 100.8  | 91.7   | 85.7   | 78.3   | 73.6   | 71.8   | 71.4   | 71.8   | 73.6   |
| 32.5° | 102.5  | 96.0   | 89.6   | 81.3   | 74.0   | 69.2   | 64.0   | 61.0   | 61.0   | 61.9   | 63.6   |
| 35°   | 77.4   | 74.0   | 73.6   | 71.4   | 65.3   | 60.1   | 54.1   | 51.1   | 51.1   | 52.8   | 53.6   |
| 37.5° | 68.4   | 61.9   | 61.0   | 60.1   | 57.5   | 50.6   | 45.0   | 42.4   | 42.0   | 43.3   | 45.0   |
| 40°   | 62.3   | 54.9   | 51.1   | 50.2   | 50.6   | 42.8   | 36.8   | 34.2   | 34.2   | 34.6   | 36.3   |
| 42.5° | 57.5   | 48.9   | 42.0   | 41.1   | 42.8   | 35.9   | 29.9   | 27.3   | 27.3   | 27.3   | 29.4   |
| 45°   | 53.6   | 43.7   | 35.5   | 31.2   | 33.7   | 29.4   | 24.2   | 21.6   | 20.8   | 21.6   | 22.5   |
| 47.5° | 51.1   | 39.8   | 31.2   | 25.1   | 25.1   | 23.4   | 19.5   | 16.4   | 15.6   | 16.0   | 17.3   |
| 50°   | 48.9   | 36.3   | 26.4   | 20.3   | 18.2   | 18.6   | 14.7   | 12.5   | 11.7   | 11.7   | 13.0   |
| 52.5° | 45.4   | 32.9   | 22.9   | 17.3   | 13.8   | 12.5   | 10.8   | 9.1    | 8.7    | 9.1    | 10.0   |
| 55°   | 41.1   | 29.9   | 19.9   | 14.3   | 10.8   | 8.7    | 7.8    | 6.5    | 6.1    | 6.5    | 7.8    |
| 57.5° | 36.3   | 25.1   | 16.0   | 11.2   | 7.4    | 5.6    | 5.2    | 4.3    | 3.5    | 3.9    | 4.8    |
| 59°   | 33.3   | 22.5   | 13.8   | 9.1    | 5.6    | 3.9    | 3.9    | 3.0    | 2.2    | 2.6    | 3.9    |
| 60°   | 32.0   | 20.8   | 11.7   | 7.8    | 4.8    | 3.0    | 3.0    | 2.2    | 1.3    | 1.7    | 3.0    |
| 62.5° | 27.3   | 17.3   | 9.1    | 4.8    | 2.2    | 0.4    | 1.3    | 0.4    | 0.0    | 0.4    | 1.3    |
| 65°   | 22.9   | 13.8   | 6.1    | 2.2    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.4    |
| 67.5° | 19.0   | 10.4   | 3.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 70°   | 15.1   | 6.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 72.5° | 10.4   | 3.9    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 75°   | 6.5    | 1.3    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 77.5° | 2.6    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 80°   | 0.0    | 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: P450956

CATALOG NUMBER: GLAN-SA1D-740-U-SLL-HSS

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 | 1903.3 |
| 2.5°  | 1602.6 | 1664.4 | 1702.5 | 1774.3 | 1847.9 | 1904.6 | 1975.5 | 2039.1 | 2065.5 | 2079.3 |
| 5°    | 1236.1 | 1322.2 | 1395.3 | 1504.8 | 1606.5 | 1730.2 | 1855.7 | 2003.6 | 2060.3 | 2075.0 |
| 7.5°  | 867.5  | 955.3  | 1031.9 | 1158.7 | 1303.6 | 1469.3 | 1657.1 | 1844.8 | 1927.5 | 1950.8 |
| 10°   | 626.5  | 720.4  | 813.8  | 940.6  | 1076.0 | 1255.6 | 1451.1 | 1683.5 | 1778.7 | 1796.8 |
| 12.5° | 395.4  | 496.3  | 648.1  | 804.7  | 947.9  | 1092.5 | 1297.1 | 1549.8 | 1654.9 | 1688.2 |
| 15°   | 229.3  | 304.6  | 419.2  | 623.5  | 805.6  | 996.8  | 1220.1 | 1499.6 | 1617.3 | 1651.4 |
| 17.5° | 153.6  | 179.6  | 258.3  | 414.5  | 655.0  | 908.6  | 1200.6 | 1540.7 | 1670.9 | 1714.6 |
| 20°   | 129.4  | 141.0  | 168.7  | 252.7  | 504.5  | 829.8  | 1205.8 | 1652.3 | 1823.2 | 1877.7 |
| 22.5° | 113.8  | 124.6  | 142.3  | 181.7  | 352.2  | 732.1  | 1230.5 | 1812.0 | 2032.6 | 2102.3 |
| 25°   | 100.4  | 111.2  | 126.8  | 150.6  | 236.7  | 619.1  | 1284.6 | 2045.6 | 2310.0 | 2386.5 |
| 27.5° | 89.1   | 99.1   | 112.5  | 132.8  | 182.1  | 493.2  | 1332.6 | 2273.2 | 2563.1 | 2625.4 |
| 30°   | 78.7   | 87.0   | 99.9   | 115.5  | 151.4  | 380.3  | 1356.8 | 2472.2 | 2747.4 | 2816.6 |
| 32.5° | 68.4   | 76.1   | 88.7   | 101.2  | 124.6  | 289.9  | 1339.9 | 2618.4 | 2926.5 | 2970.6 |
| 35°   | 58.4   | 66.6   | 77.0   | 88.7   | 107.7  | 234.1  | 1255.6 | 2782.8 | 3112.1 | 3146.7 |
| 37.5° | 50.2   | 57.1   | 67.9   | 77.0   | 97.3   | 187.3  | 1153.5 | 2930.8 | 3320.2 | 3370.0 |
| 40°   | 42.4   | 49.3   | 60.1   | 68.4   | 89.6   | 147.5  | 1061.3 | 3095.2 | 3539.6 | 3601.0 |
| 42.5° | 34.6   | 42.8   | 52.4   | 65.8   | 77.0   | 112.5  | 949.7  | 3228.5 | 3704.4 | 3781.4 |
| 45°   | 27.7   | 36.8   | 47.2   | 65.3   | 67.1   | 85.7   | 841.9  | 3332.3 | 3850.2 | 3919.4 |
| 47.5° | 22.1   | 31.2   | 45.4   | 61.0   | 54.9   | 67.9   | 780.5  | 3440.9 | 3971.4 | 4026.7 |
| 50°   | 17.7   | 26.0   | 47.6   | 53.6   | 45.9   | 57.5   | 778.8  | 3562.1 | 4034.1 | 4070.9 |
| 52.5° | 14.3   | 21.2   | 40.2   | 41.1   | 38.9   | 50.6   | 825.5  | 3698.3 | 4098.1 | 4128.4 |
| 55°   | 12.1   | 17.7   | 26.4   | 30.3   | 35.0   | 45.9   | 860.6  | 3908.2 | 4250.8 | 4279.4 |
| 57.5° | 9.5    | 15.1   | 20.3   | 24.2   | 31.2   | 42.0   | 865.3  | 4070.0 | 4444.2 | 4462.8 |
| 59°   | 8.2    | 13.0   | 18.2   | 21.6   | 28.6   | 39.4   | 845.8  | 4079.9 | 4456.8 | 4486.6 |
| 60°   | 6.9    | 11.7   | 16.0   | 20.3   | 26.4   | 37.2   | 824.6  | 4007.7 | 4410.1 | 4443.4 |
| 62.5° | 5.2    | 9.1    | 11.7   | 16.4   | 21.6   | 32.0   | 724.3  | 3755.5 | 4231.4 | 4254.7 |
| 65°   | 3.5    | 6.5    | 8.7    | 12.1   | 16.9   | 27.7   | 590.1  | 3428.4 | 3955.3 | 4007.7 |
| 67.5° | 2.2    | 4.8    | 6.9    | 9.1    | 13.8   | 23.4   | 420.5  | 2939.9 | 3569.0 | 3602.7 |
| 70°   | 1.3    | 3.0    | 5.2    | 7.4    | 10.8   | 18.6   | 249.6  | 2323.8 | 2969.3 | 2976.2 |
| 72.5° | 0.9    | 2.2    | 3.5    | 5.2    | 8.7    | 16.9   | 121.1  | 1514.7 | 2168.0 | 2250.7 |
| 75°   | 0.4    | 1.3    | 2.2    | 3.9    | 6.9    | 13.8   | 58.0   | 1012.0 | 1577.5 | 1601.3 |
| 77.5° | 0.0    | 0.4    | 1.3    | 2.6    | 5.2    | 10.8   | 33.7   | 664.6  | 1075.6 | 1100.2 |
| 80°   | 0.0    | 0.0    | 0.9    | 2.2    | 3.9    | 6.9    | 20.3   | 392.0  | 651.6  | 663.7  |
| 82.5° | 0.0    | 0.0    | 0.4    | 1.7    | 2.6    | 5.2    | 10.4   | 172.2  | 426.6  | 430.9  |
| 85°   | 0.0    | 0.0    | 0.4    | 1.7    | 2.2    | 3.5    | 3.9    | 23.4   | 189.5  | 193.0  |
| 87.5° | 0.0    | 0.0    | 0.4    | 2.2    | 2.2    | 2.2    | 2.2    | 1.3    | 16.0   | 19.9   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)