

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: P532526

Luminaire Tested: **GLAN-SA7D-827-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P532526  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-24)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA7D-827-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(7) 80 CRI, 2700K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR LEFT OPTICS WITH WHITE GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 29500 lumens  
Efficiency: N/A  
Efficacy: 68.1 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G3

Input Watts (W): 433  
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



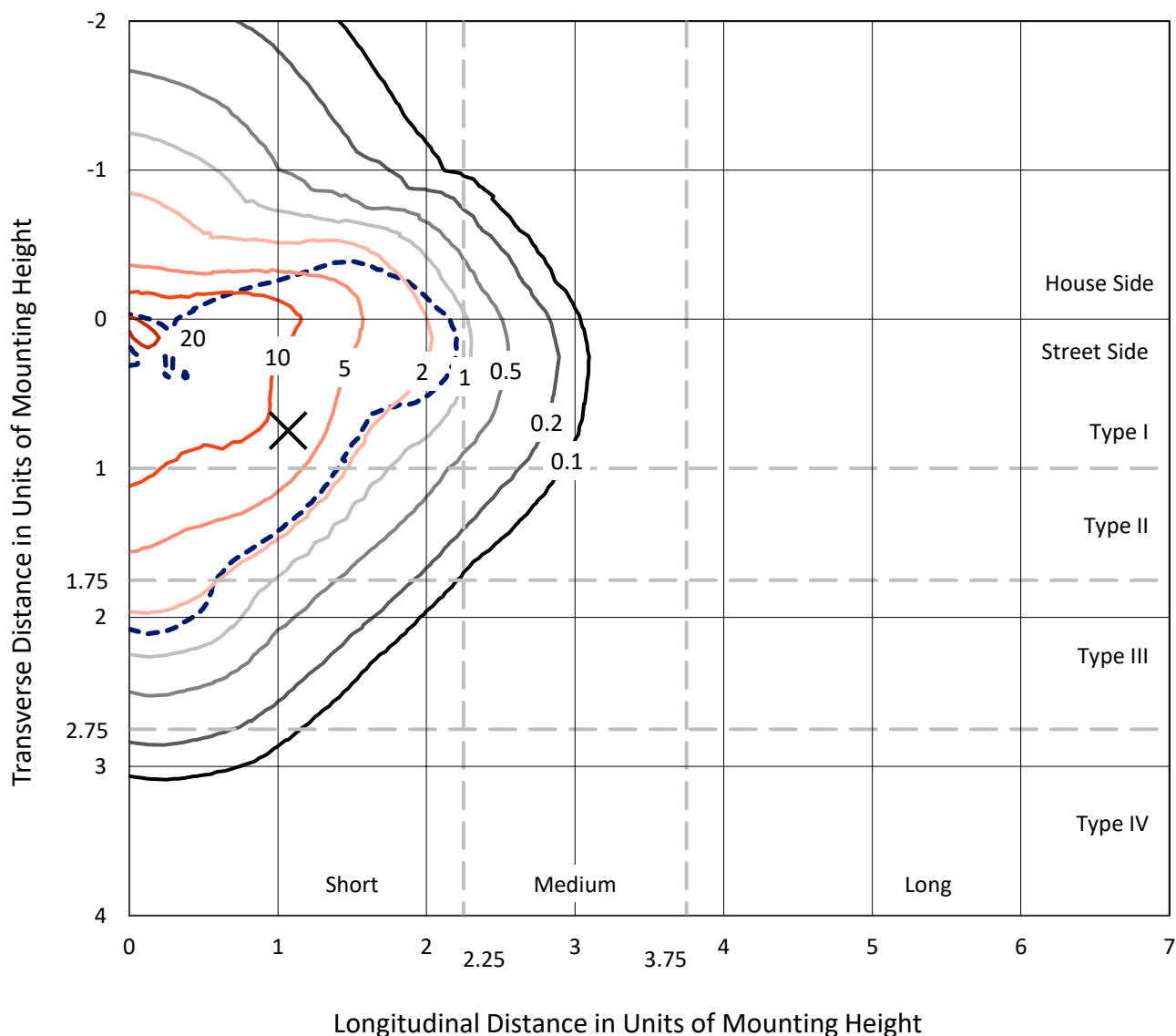
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## Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd

--- 1/2 Max cd

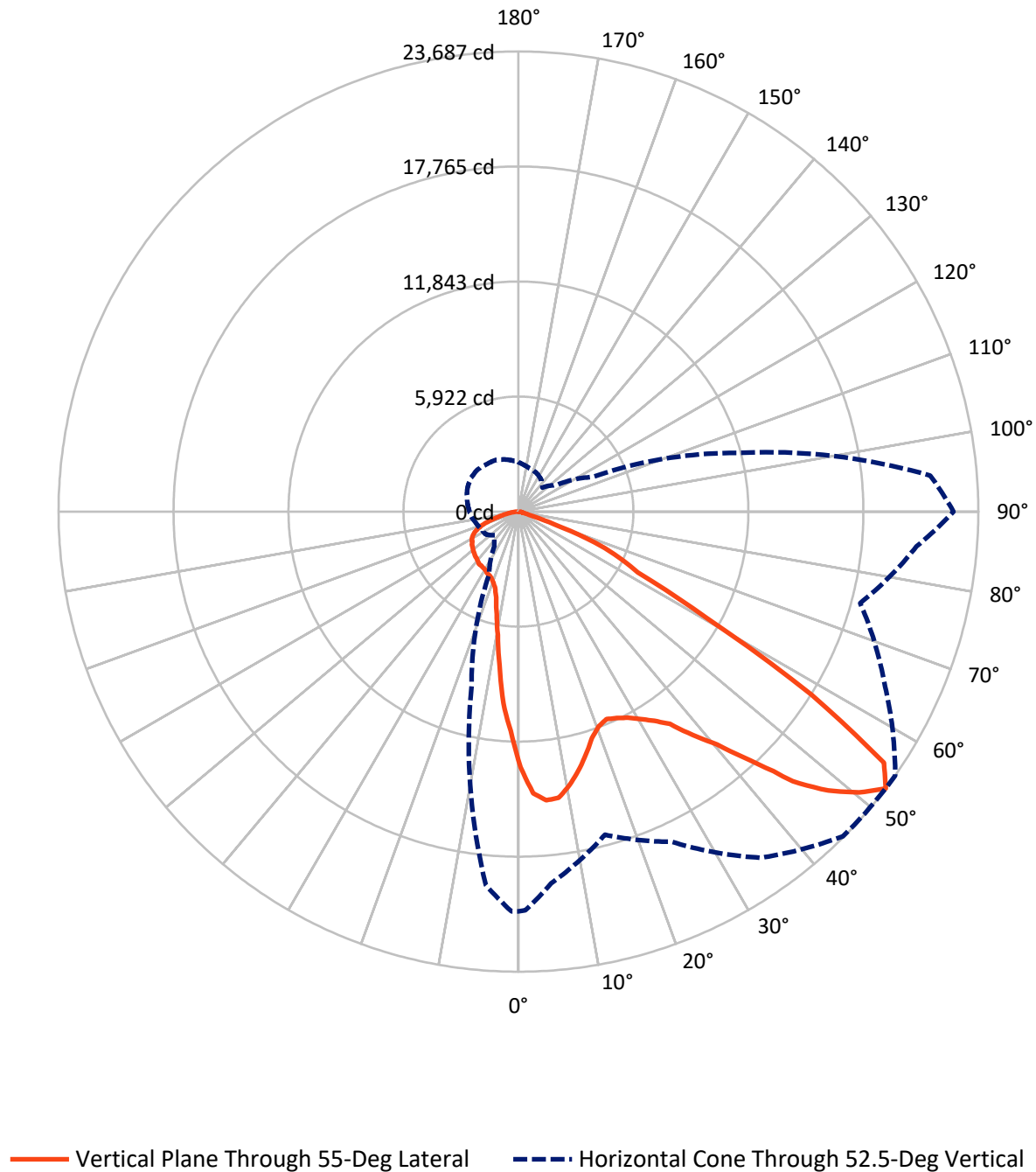


Based on 25 foot mounting height. Maximum calculated value = 22.4 fc

Type II - Short - N/A

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## Luminous Intensity Polar Plot



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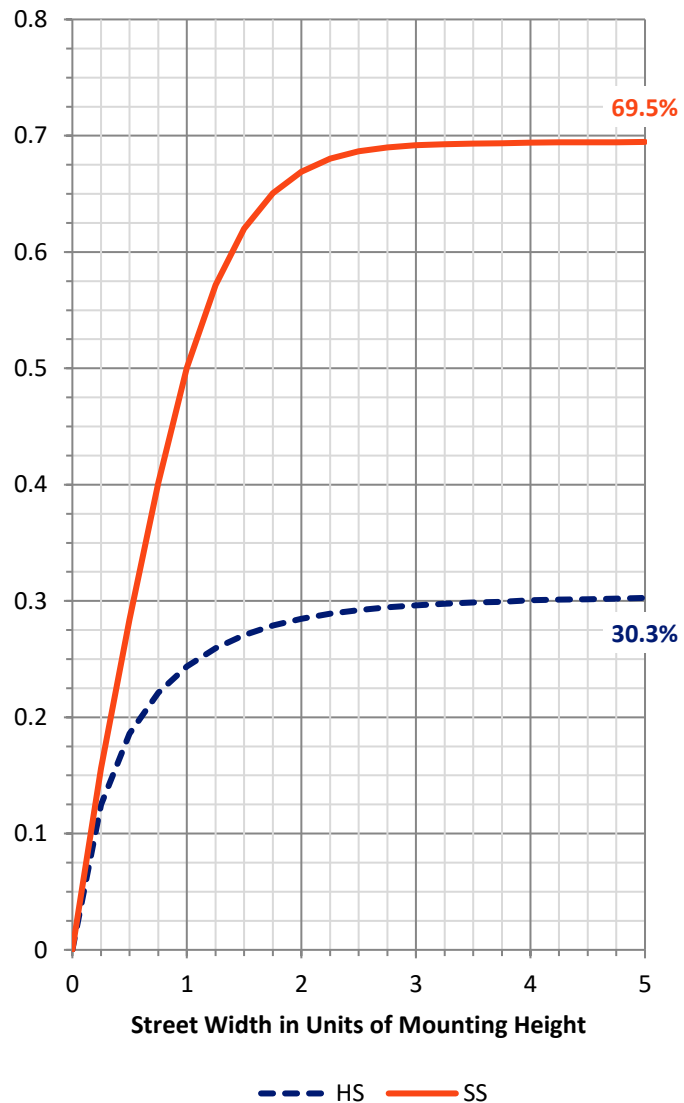
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 8999.1   | 0.0    | 8999.1  |
|                    | % Fixture | 30.5     | 0.0    | 30.5    |
| <b>Street Side</b> | Lumens    | 20500.9  | 0.0    | 20500.9 |
|                    | % Fixture | 69.5     | 0.0    | 69.5    |
| <b>Total</b>       | Lumens    | 29500.0  | 0.0    | 29500.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 1005.4  | 3.4       |
| 10°-20°   | 2167.7  | 7.3       |
| 20°-30°   | 3286.9  | 11.1      |
| 30°-40°   | 4749.0  | 16.1      |
| 40°-50°   | 6346.0  | 21.5      |
| 50°-60°   | 7083.5  | 24.0      |
| 60°-70°   | 3885.6  | 13.2      |
| 70°-80°   | 840.1   | 2.8       |
| 80°-90°   | 135.9   | 0.5       |
| 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°    | 29500.0 | 100.0     |
| 0°-180°   | 29500.0 | 100.0     |

**Coefficient of Utilization**



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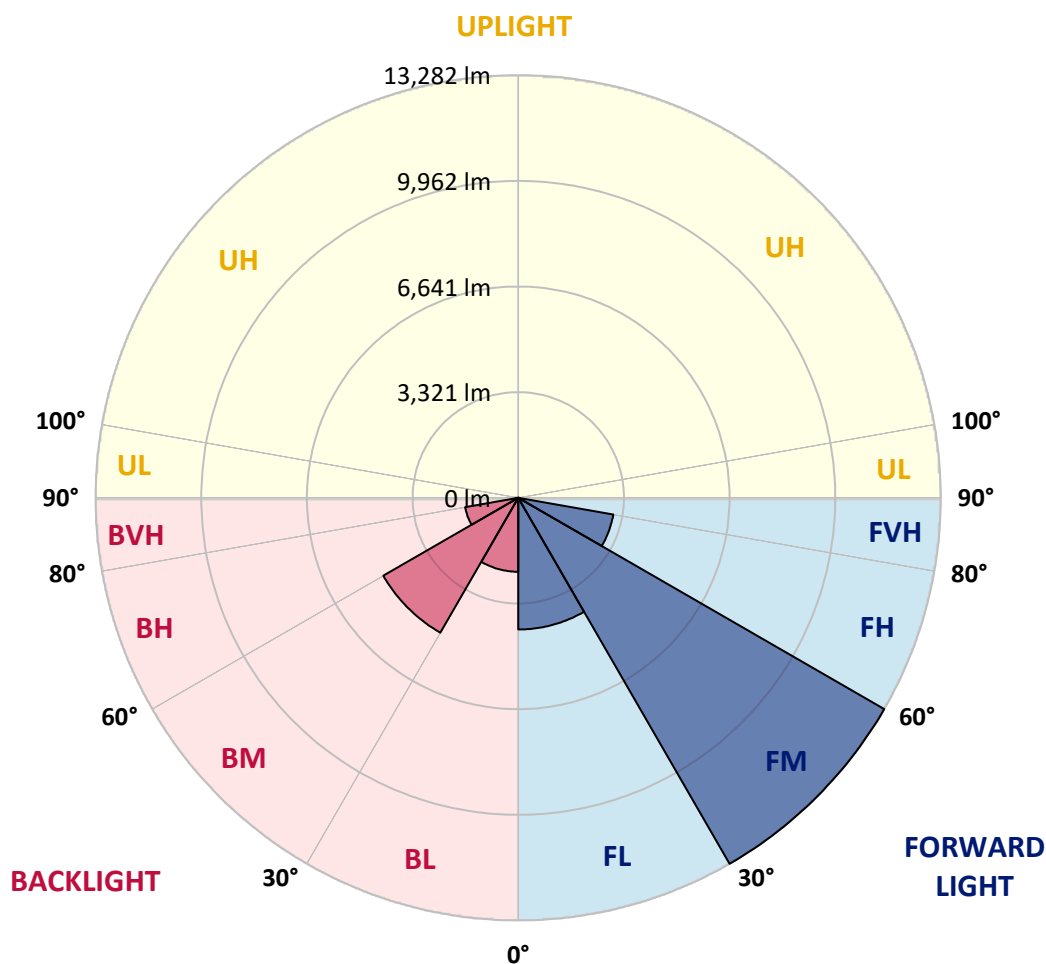
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|---------|-----------|-------------------------|------|---------|
|      |             |         |           | B                       | U    | G       |
| FL   | (0°-30°)    | 4136.4  | 14.0      |                         |      |         |
| FM   | (30°-60°)   | 13282.3 | 45.0      |                         |      |         |
| FH   | (60°-80°)   | 3031.9  | 10.3      |                         |      | G2/5000 |
| FVH  | (80°-90°)   | 50.3    | 0.2       |                         |      | G1/100  |
| BL   | (0°-30°)    | 2323.4  | 7.9       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 4896.2  | 16.6      | B3/5000                 |      |         |
| BH   | (60°-80°)   | 1693.8  | 5.7       | B3/2500                 |      | G3/2500 |
| BVH  | (80°-90°)   | 85.6    | 0.3       |                         |      | G1/100  |
| UL   | (90°-100°)  | 0.0     | 0.0       |                         | U0/0 |         |
| UH   | (100°-180°) | 0.0     | 0.0       |                         | U0/0 |         |

**BUG Rating: B3-U0-G3**

Type II Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 |
| 2.5°  | 13809.7 | 13732.2 | 13801.1 | 14128.5 | 14318.0 | 14447.2 | 14529.1 | 14516.1 | 14206.0 | 13904.5 | 13904.5 |
| 5°    | 13404.8 | 13305.7 | 13447.9 | 14188.8 | 14934.0 | 14998.6 | 15106.3 | 14929.6 | 14473.1 | 13921.7 | 13232.5 |
| 7.5°  | 12233.2 | 12306.4 | 12543.3 | 13516.8 | 14486.0 | 14972.7 | 15101.9 | 14878.0 | 14137.1 | 13107.6 | 12095.3 |
| 10°   | 11220.9 | 11393.2 | 11940.3 | 12991.3 | 13882.9 | 14516.1 | 14658.3 | 14343.8 | 13758.0 | 12495.9 | 11591.4 |
| 12.5° | 10872.0 | 10764.3 | 11371.7 | 12422.7 | 13275.6 | 13615.9 | 13680.5 | 13702.0 | 13305.7 | 12185.8 | 11083.1 |
| 15°   | 10828.9 | 10897.9 | 11371.7 | 12168.6 | 12694.1 | 12711.3 | 12819.0 | 12987.0 | 13038.7 | 12396.9 | 11320.0 |
| 17.5° | 11449.2 | 11367.4 | 11854.1 | 12487.3 | 12237.5 | 11987.7 | 12013.5 | 12254.7 | 12681.2 | 12577.8 | 12065.2 |
| 20°   | 12366.7 | 12551.9 | 12935.3 | 12870.7 | 12198.7 | 11565.5 | 11569.8 | 11798.1 | 12638.1 | 13327.3 | 13103.3 |
| 22.5° | 13891.5 | 14072.5 | 14356.8 | 13577.1 | 12198.7 | 11440.6 | 11294.2 | 11604.3 | 12913.8 | 14218.9 | 14274.9 |
| 25°   | 15282.9 | 15614.5 | 15692.1 | 14774.6 | 12810.4 | 11556.9 | 11462.1 | 11768.0 | 13189.4 | 15089.0 | 15618.8 |
| 27.5° | 16549.3 | 16669.9 | 17010.1 | 15545.6 | 13150.7 | 11634.4 | 11625.8 | 12017.8 | 13538.3 | 15524.1 | 16820.6 |
| 30°   | 17548.6 | 17535.7 | 17729.5 | 16032.4 | 13693.4 | 12069.5 | 11651.7 | 12392.6 | 13994.9 | 16243.4 | 17931.9 |
| 32.5° | 18229.2 | 18375.6 | 18784.8 | 16708.6 | 13921.7 | 12483.0 | 12155.6 | 12831.9 | 14550.6 | 16583.7 | 18715.9 |
| 35°   | 19426.6 | 19680.8 | 19163.9 | 17083.4 | 14645.4 | 12892.2 | 12508.9 | 13430.7 | 14826.3 | 16954.2 | 19676.5 |
| 37.5° | 20555.2 | 20361.4 | 19835.8 | 17285.8 | 15114.9 | 13650.3 | 13292.8 | 14589.4 | 15683.5 | 17759.6 | 20314.0 |
| 40°   | 21278.8 | 21274.5 | 20339.8 | 17449.5 | 15446.5 | 14809.0 | 14787.5 | 15765.3 | 16734.5 | 18267.9 | 21029.0 |
| 42.5° | 21593.3 | 21894.8 | 20546.6 | 17432.3 | 16144.3 | 16213.3 | 16648.3 | 17522.7 | 17479.7 | 18371.3 | 21011.8 |
| 44°   | 22024.0 | 22204.9 | 20904.1 | 17471.0 | 16609.6 | 17160.9 | 18186.1 | 18741.7 | 18130.1 | 18315.3 | 20990.2 |
| 45°   | 22006.8 | 22019.7 | 20395.8 | 17522.7 | 17005.8 | 17953.5 | 18871.0 | 19810.0 | 18703.0 | 18194.7 | 21274.5 |
| 47.5° | 21502.8 | 21356.4 | 19965.1 | 17139.4 | 18242.1 | 20046.9 | 20895.5 | 21464.1 | 19409.4 | 17936.3 | 20921.3 |
| 50°   | 20507.8 | 20339.8 | 18918.4 | 16975.7 | 18500.5 | 21347.8 | 22519.4 | 22726.1 | 20051.2 | 17682.1 | 20572.4 |
| 52.5° | 20576.7 | 20529.3 | 19215.6 | 17221.2 | 18759.0 | 21757.0 | 23635.0 | 23686.7 | 20779.2 | 18216.2 | 20576.7 |
| 55°   | 21808.7 | 21645.0 | 20068.4 | 17527.0 | 18569.4 | 21278.8 | 22924.3 | 22833.8 | 20533.6 | 17893.2 | 20955.8 |
| 57.5° | 19956.4 | 20064.1 | 18888.2 | 16316.6 | 16252.0 | 17298.7 | 18022.4 | 17798.4 | 17135.1 | 16148.7 | 19495.6 |
| 60°   | 16101.3 | 16407.1 | 16519.1 | 13646.0 | 12263.3 | 11724.9 | 11509.5 | 11113.2 | 11225.2 | 13267.0 | 17126.5 |
| 62.5° | 13809.7 | 13792.5 | 14494.6 | 12371.0 | 8033.4  | 6909.2  | 6805.8  | 6896.2  | 8188.5  | 13060.2 | 16773.2 |
| 65°   | 10949.6 | 11242.5 | 11457.8 | 10484.4 | 6357.8  | 5130.2  | 5125.9  | 5698.8  | 7085.8  | 10915.1 | 13542.6 |
| 67.5° | 6952.2  | 7335.6  | 7602.7  | 6706.7  | 4251.5  | 3652.7  | 3553.7  | 4242.8  | 4910.5  | 7159.0  | 8154.0  |
| 70°   | 3919.8  | 4100.7  | 4221.3  | 3868.1  | 2705.1  | 1895.3  | 1783.3  | 1947.0  | 2967.8  | 4634.8  | 4833.0  |
| 72.5° | 1511.9  | 1593.8  | 1757.4  | 1770.4  | 1020.9  | 611.7   | 495.4   | 594.4   | 1249.2  | 1835.0  | 1748.8  |
| 75°   | 232.6   | 249.8   | 353.2   | 422.1   | 292.9   | 224.0   | 236.9   | 245.5   | 348.9   | 473.8   | 396.3   |
| 77.5° | 112.0   | 112.0   | 107.7   | 124.9   | 146.5   | 159.4   | 172.3   | 189.5   | 206.8   | 228.3   | 219.7   |
| 80°   | 73.2    | 73.2    | 73.2    | 86.1    | 107.7   | 129.2   | 146.5   | 155.1   | 163.7   | 180.9   | 172.3   |
| 82.5° | 47.4    | 47.4    | 47.4    | 64.6    | 86.1    | 107.7   | 116.3   | 137.8   | 155.1   | 180.9   | 168.0   |
| 85°   | 25.8    | 25.8    | 25.8    | 43.1    | 64.6    | 90.5    | 86.1    | 68.9    | 38.8    | 4.3     | 8.6     |
| 87.5° | 8.6     | 8.6     | 8.6     | 8.6     | 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°    | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 |
| 2.5°  | 13542.6 | 13344.5 | 13327.3 | 12922.4 | 12560.5 | 12383.9 | 12241.8 | 11845.5 | 11931.7 | 11703.4 | 11699.1 |
| 5°    | 12887.9 | 12483.0 | 11828.3 | 11289.8 | 10751.4 | 10643.7 | 10174.2 | 9765.0  | 9777.9  | 9485.0  | 9536.7  |
| 7.5°  | 11712.0 | 11432.0 | 10635.1 | 9790.9  | 9075.8  | 8567.5  | 8123.9  | 7856.8  | 7516.5  | 7400.2  | 7339.9  |
| 10°   | 10966.8 | 10622.2 | 9726.2  | 8666.6  | 7865.4  | 7594.0  | 7167.6  | 6930.7  | 6581.8  | 6409.5  | 6288.9  |
| 12.5° | 10639.4 | 10135.4 | 9015.5  | 7938.6  | 7404.5  | 7124.5  | 6762.7  | 6332.0  | 5918.4  | 5759.1  | 5539.4  |
| 15°   | 10673.9 | 10070.8 | 8808.8  | 7645.7  | 7003.9  | 6461.2  | 6138.1  | 5660.0  | 5237.9  | 4957.9  | 4798.5  |
| 17.5° | 11195.1 | 10462.8 | 8903.5  | 7421.7  | 6500.0  | 5819.4  | 5186.2  | 4669.3  | 4333.3  | 4122.2  | 4070.5  |
| 20°   | 12427.0 | 11432.0 | 9062.9  | 7059.9  | 5996.0  | 5147.4  | 4367.8  | 3829.3  | 3570.9  | 3566.6  | 3570.9  |
| 22.5° | 13452.2 | 12465.8 | 9385.9  | 6844.5  | 5492.0  | 4285.9  | 3510.6  | 3338.3  | 3286.6  | 3394.3  | 3407.2  |
| 25°   | 14834.9 | 13628.8 | 9941.6  | 6732.6  | 5026.8  | 3652.7  | 3174.6  | 3110.0  | 3105.7  | 3243.5  | 3247.8  |
| 27.5° | 16252.0 | 14645.4 | 10273.3 | 6405.2  | 4553.0  | 3325.4  | 2972.1  | 2959.2  | 3028.1  | 3174.6  | 3161.7  |
| 30°   | 17216.9 | 15498.2 | 10872.0 | 6013.2  | 3993.0  | 3036.8  | 2890.3  | 2907.5  | 3002.3  | 3114.3  | 3131.5  |
| 32.5° | 18341.2 | 16338.2 | 11027.1 | 5797.8  | 3648.4  | 2795.5  | 2692.2  | 2730.9  | 2851.5  | 3028.1  | 3122.9  |
| 35°   | 19629.1 | 16932.6 | 11264.0 | 5504.9  | 3519.2  | 2610.3  | 2558.6  | 2601.7  | 2748.2  | 2864.5  | 2967.8  |
| 37.5° | 20581.0 | 17983.6 | 11307.1 | 5276.6  | 3377.0  | 2506.9  | 2425.1  | 2567.2  | 2653.4  | 2817.1  | 2868.8  |
| 40°   | 21287.5 | 18746.1 | 11419.1 | 5134.5  | 3265.1  | 2373.4  | 2373.4  | 2468.2  | 2584.5  | 2735.2  | 2838.6  |
| 42.5° | 21739.7 | 19301.7 | 11500.9 | 5005.3  | 3049.7  | 2334.6  | 2313.1  | 2407.9  | 2562.9  | 2709.4  | 2756.8  |
| 44°   | 22015.4 | 19538.6 | 11419.1 | 4884.7  | 2989.4  | 2287.3  | 2287.3  | 2369.1  | 2489.7  | 2662.0  | 2718.0  |
| 45°   | 22084.3 | 19835.8 | 11238.2 | 4880.3  | 2916.1  | 2231.3  | 2222.6  | 2377.7  | 2459.6  | 2670.6  | 2705.1  |
| 47.5° | 22351.4 | 20202.0 | 11259.7 | 4742.5  | 2739.5  | 2097.7  | 2248.5  | 2317.4  | 2390.6  | 2575.9  | 2692.2  |
| 50°   | 22342.8 | 20430.3 | 11212.3 | 4540.1  | 2610.3  | 1947.0  | 2196.8  | 2274.3  | 2347.6  | 2537.1  | 2584.5  |
| 52.5° | 22403.1 | 21283.1 | 11647.4 | 4217.0  | 2377.7  | 1753.1  | 2024.5  | 2196.8  | 2287.3  | 2446.6  | 2545.7  |
| 55°   | 22372.9 | 21769.9 | 12078.1 | 3975.8  | 2050.3  | 1636.8  | 1878.1  | 2080.5  | 2209.7  | 2377.7  | 2425.1  |
| 57.5° | 20434.6 | 19241.4 | 11177.9 | 3523.5  | 1697.1  | 1499.0  | 1671.3  | 1959.9  | 2123.6  | 2295.9  | 2356.2  |
| 60°   | 16695.7 | 14830.6 | 9218.0  | 2593.1  | 1395.6  | 1378.4  | 1555.0  | 1921.1  | 1990.0  | 2140.8  | 2244.2  |
| 62.5° | 15429.3 | 13008.5 | 7309.8  | 1981.4  | 1193.2  | 1262.1  | 1434.4  | 1735.9  | 1843.6  | 2028.8  | 2123.6  |
| 65°   | 12073.8 | 8640.8  | 4527.1  | 1339.6  | 1051.0  | 1132.9  | 1296.5  | 1520.5  | 1697.1  | 1869.4  | 1981.4  |
| 67.5° | 7150.4  | 4721.0  | 2239.9  | 939.0   | 917.5   | 1003.6  | 1171.6  | 1339.6  | 1542.1  | 1731.6  | 1787.6  |
| 70°   | 3893.9  | 2321.7  | 956.3   | 715.0   | 779.6   | 857.2   | 1020.9  | 1137.2  | 1331.0  | 1477.5  | 1572.2  |
| 72.5° | 1249.2  | 706.4   | 478.1   | 529.8   | 594.4   | 684.9   | 784.0   | 926.1   | 1063.9  | 1150.1  | 1227.6  |
| 75°   | 301.5   | 297.2   | 340.3   | 370.4   | 430.7   | 499.7   | 581.5   | 654.7   | 762.4   | 844.3   | 913.2   |
| 77.5° | 211.1   | 228.3   | 262.8   | 305.8   | 327.4   | 353.2   | 404.9   | 460.9   | 508.3   | 568.6   | 611.7   |
| 80°   | 163.7   | 176.6   | 202.5   | 224.0   | 245.5   | 267.1   | 292.9   | 314.4   | 344.6   | 383.4   | 404.9   |
| 82.5° | 155.1   | 163.7   | 189.5   | 202.5   | 193.8   | 189.5   | 206.8   | 215.4   | 219.7   | 232.6   | 245.5   |
| 85°   | 12.9    | 0.0     | 8.6     | 30.2    | 73.2    | 107.7   | 116.3   | 116.3   | 112.0   | 120.6   | 120.6   |
| 87.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 4.3     | 17.2    | 12.9    |
| 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°    | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 |
| 2.5°  | 11647.4 | 11500.9 | 11556.9 | 11625.8 | 11526.8 | 11298.5 | 11358.8 | 11332.9 | 11565.5 | 11548.3 | 11780.9 |
| 5°    | 9765.0  | 9536.7  | 9562.6  | 9898.5  | 9790.9  | 9907.2  | 9674.5  | 9644.4  | 9687.5  | 9709.0  | 9747.8  |
| 7.5°  | 7473.4  | 7443.3  | 7701.7  | 7986.0  | 8119.6  | 7981.7  | 7753.4  | 7701.7  | 7654.4  | 7559.6  | 7775.0  |
| 10°   | 6099.4  | 6108.0  | 6090.7  | 6306.1  | 6456.9  | 6426.7  | 6288.9  | 6271.7  | 6181.2  | 6146.7  | 6267.4  |
| 12.5° | 5444.6  | 5328.3  | 5272.3  | 5203.4  | 5319.7  | 5397.2  | 5336.9  | 5293.9  | 5298.2  | 5341.2  | 5358.5  |
| 15°   | 4811.4  | 4738.2  | 4617.6  | 4540.1  | 4596.1  | 4557.3  | 4535.8  | 4621.9  | 4600.4  | 4591.7  | 4695.1  |
| 17.5° | 4100.7  | 4161.0  | 4152.4  | 4066.2  | 4139.5  | 4109.3  | 4105.0  | 4044.7  | 3962.9  | 3902.6  | 3937.0  |
| 20°   | 3631.2  | 3743.2  | 3829.3  | 3833.6  | 3872.4  | 3868.1  | 3803.5  | 3618.3  | 3558.0  | 3545.0  | 3553.7  |
| 22.5° | 3463.2  | 3523.5  | 3626.9  | 3773.3  | 3773.3  | 3704.4  | 3626.9  | 3411.5  | 3355.5  | 3295.2  | 3269.4  |
| 25°   | 3329.7  | 3446.0  | 3579.5  | 3596.7  | 3665.6  | 3601.0  | 3476.1  | 3368.4  | 3252.1  | 3170.3  | 3170.3  |
| 27.5° | 3260.7  | 3390.0  | 3489.0  | 3519.2  | 3614.0  | 3562.3  | 3433.0  | 3295.2  | 3157.4  | 3153.1  | 3079.8  |
| 30°   | 3230.6  | 3351.2  | 3415.8  | 3489.0  | 3532.1  | 3450.3  | 3411.5  | 3265.1  | 3127.2  | 3092.8  | 2972.1  |
| 32.5° | 3140.1  | 3312.4  | 3433.0  | 3415.8  | 3450.3  | 3415.8  | 3359.8  | 3239.2  | 3084.1  | 3006.6  | 2993.7  |
| 35°   | 3036.8  | 3209.1  | 3338.3  | 3428.7  | 3450.3  | 3377.0  | 3342.6  | 3178.9  | 2967.8  | 2929.1  | 2795.5  |
| 37.5° | 2980.8  | 3084.1  | 3243.5  | 3390.0  | 3420.1  | 3381.4  | 3265.1  | 3097.1  | 2886.0  | 2842.9  | 2726.6  |
| 40°   | 2911.8  | 3045.4  | 3170.3  | 3290.9  | 3381.4  | 3286.6  | 3153.1  | 2989.4  | 2894.6  | 2765.4  | 2730.9  |
| 42.5° | 2860.2  | 3010.9  | 3114.3  | 3247.8  | 3351.2  | 3226.3  | 3071.2  | 2959.2  | 2825.7  | 2739.5  | 2640.5  |
| 44°   | 2842.9  | 2980.8  | 3049.7  | 3213.4  | 3299.5  | 3204.7  | 3075.5  | 2959.2  | 2804.2  | 2726.6  | 2640.5  |
| 45°   | 2782.6  | 2972.1  | 3045.4  | 3191.8  | 3265.1  | 3187.5  | 3023.8  | 2907.5  | 2795.5  | 2700.8  | 2610.3  |
| 47.5° | 2722.3  | 2851.5  | 2976.5  | 3092.8  | 3144.4  | 3118.6  | 2980.8  | 2838.6  | 2705.1  | 2649.1  | 2562.9  |
| 50°   | 2705.1  | 2834.3  | 2950.6  | 3058.3  | 3118.6  | 3066.9  | 2942.0  | 2804.2  | 2649.1  | 2558.6  | 2485.4  |
| 52.5° | 2618.9  | 2778.3  | 2907.5  | 2942.0  | 3019.5  | 2989.4  | 2894.6  | 2743.9  | 2597.4  | 2519.9  | 2459.6  |
| 55°   | 2494.0  | 2662.0  | 2838.6  | 2881.7  | 2993.7  | 2946.3  | 2804.2  | 2662.0  | 2537.1  | 2420.8  | 2343.3  |
| 57.5° | 2446.6  | 2610.3  | 2782.6  | 2838.6  | 2907.5  | 2830.0  | 2795.5  | 2644.8  | 2446.6  | 2386.3  | 2265.7  |
| 60°   | 2326.0  | 2532.8  | 2674.9  | 2804.2  | 2808.5  | 2786.9  | 2726.6  | 2554.3  | 2390.6  | 2278.6  | 2192.5  |
| 62.5° | 2231.3  | 2425.1  | 2537.1  | 2657.7  | 2730.9  | 2670.6  | 2610.3  | 2450.9  | 2274.3  | 2149.4  | 2050.3  |
| 65°   | 2093.4  | 2270.0  | 2364.8  | 2438.0  | 2519.9  | 2511.2  | 2407.9  | 2291.6  | 2106.3  | 2007.3  | 1912.5  |
| 67.5° | 1882.4  | 2037.4  | 2166.7  | 2235.6  | 2287.3  | 2274.3  | 2196.8  | 2115.0  | 1925.4  | 1826.4  | 1757.4  |
| 70°   | 1628.2  | 1787.6  | 1869.4  | 1908.2  | 1959.9  | 1985.7  | 1925.4  | 1886.7  | 1718.7  | 1589.5  | 1524.8  |
| 72.5° | 1309.5  | 1412.8  | 1533.5  | 1567.9  | 1589.5  | 1606.7  | 1606.7  | 1572.2  | 1399.9  | 1348.2  | 1236.2  |
| 75°   | 964.9   | 1046.7  | 1137.2  | 1137.2  | 1175.9  | 1180.2  | 1188.9  | 1167.3  | 1038.1  | 969.2   | 943.3   |
| 77.5° | 654.7   | 715.0   | 788.3   | 818.4   | 844.3   | 840.0   | 835.6   | 775.3   | 706.4   | 676.3   | 650.4   |
| 80°   | 426.4   | 486.7   | 521.2   | 560.0   | 585.8   | 581.5   | 590.1   | 547.0   | 516.9   | 465.2   | 473.8   |
| 82.5° | 254.1   | 301.5   | 336.0   | 383.4   | 383.4   | 396.3   | 396.3   | 383.4   | 353.2   | 327.4   | 327.4   |
| 85°   | 120.6   | 159.4   | 180.9   | 211.1   | 228.3   | 232.6   | 206.8   | 176.6   | 146.5   | 133.5   | 146.5   |
| 87.5° | 21.5    | 30.2    | 43.1    | 38.8    | 47.4    | 43.1    | 43.1    | 43.1    | 43.1    | 34.5    | 38.8    |
| 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: P532526

CATALOG NUMBER: GLAN-SA7D-827-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 | 13159.3 |
| 2.5°  | 11694.7 | 11910.1 | 12060.9 | 12310.7 | 12741.5 | 13086.1 | 13439.3 | 13702.0 | 13732.2 | 13809.7 |
| 5°    | 9889.9  | 10006.2 | 10389.6 | 10889.3 | 11242.5 | 11824.0 | 12198.7 | 12879.3 | 13133.4 | 13404.8 |
| 7.5°  | 7723.3  | 7912.8  | 8425.4  | 8761.4  | 9536.7  | 10264.7 | 11018.5 | 11858.4 | 12194.4 | 12233.2 |
| 10°   | 6512.9  | 6788.6  | 7137.5  | 7675.9  | 8098.0  | 8907.8  | 9846.8  | 10781.6 | 11156.3 | 11220.9 |
| 12.5° | 5720.3  | 6073.5  | 6538.7  | 6926.4  | 7331.3  | 8037.7  | 8938.0  | 10092.4 | 10579.1 | 10872.0 |
| 15°   | 4957.9  | 5324.0  | 5836.6  | 6375.0  | 6732.6  | 7576.8  | 8636.5  | 9937.3  | 10570.5 | 10828.9 |
| 17.5° | 4173.9  | 4514.2  | 4936.3  | 5517.9  | 6237.2  | 7184.8  | 8589.1  | 10454.2 | 11147.7 | 11449.2 |
| 20°   | 3502.0  | 3691.5  | 4182.5  | 4781.3  | 5681.5  | 6784.2  | 8606.3  | 11216.6 | 12233.2 | 12366.7 |
| 22.5° | 3239.2  | 3282.3  | 3476.1  | 4027.5  | 5013.9  | 6375.0  | 8912.1  | 12297.8 | 13452.2 | 13891.5 |
| 25°   | 3036.8  | 3028.1  | 3079.8  | 3450.3  | 4527.1  | 6215.7  | 9213.7  | 13292.8 | 14804.7 | 15282.9 |
| 27.5° | 2924.8  | 2838.6  | 2842.9  | 3191.8  | 4182.5  | 5957.2  | 9601.3  | 14434.3 | 16338.2 | 16549.3 |
| 30°   | 2868.8  | 2851.5  | 2799.8  | 2942.0  | 3807.8  | 5569.5  | 9665.9  | 15558.5 | 17242.8 | 17548.6 |
| 32.5° | 2834.3  | 2666.3  | 2601.7  | 2653.4  | 3454.6  | 5147.4  | 9907.2  | 16299.4 | 18362.7 | 18229.2 |
| 35°   | 2662.0  | 2511.2  | 2468.2  | 2519.9  | 3204.7  | 4910.5  | 9747.8  | 16945.5 | 19202.6 | 19426.6 |
| 37.5° | 2597.4  | 2463.9  | 2377.7  | 2334.6  | 2972.1  | 4712.4  | 9665.9  | 17940.6 | 20016.8 | 20555.2 |
| 40°   | 2537.1  | 2394.9  | 2291.6  | 2248.5  | 2791.2  | 4449.6  | 9640.1  | 18707.3 | 20955.8 | 21278.8 |
| 42.5° | 2468.2  | 2377.7  | 2261.4  | 2183.9  | 2571.6  | 4186.8  | 9342.9  | 18944.2 | 21244.4 | 21593.3 |
| 44°   | 2446.6  | 2308.8  | 2188.2  | 2162.3  | 2485.4  | 4053.3  | 9282.6  | 19159.6 | 21494.2 | 22024.0 |
| 45°   | 2425.1  | 2295.9  | 2158.0  | 2123.6  | 2455.3  | 3980.1  | 9200.7  | 19211.3 | 21907.7 | 22006.8 |
| 47.5° | 2364.8  | 2283.0  | 2149.4  | 2054.7  | 2390.6  | 3820.7  | 8955.2  | 18918.4 | 21485.6 | 21502.8 |
| 50°   | 2317.4  | 2222.6  | 2084.8  | 1899.6  | 2304.5  | 3687.2  | 9067.2  | 18810.7 | 20469.0 | 20507.8 |
| 52.5° | 2265.7  | 2123.6  | 2046.0  | 1727.3  | 2162.3  | 3575.2  | 9304.1  | 19297.4 | 20585.3 | 20576.7 |
| 55°   | 2205.4  | 2050.3  | 1860.8  | 1580.8  | 1925.4  | 3433.0  | 9877.0  | 20258.0 | 21662.2 | 21808.7 |
| 57.5° | 2110.7  | 1977.1  | 1705.8  | 1451.6  | 1654.1  | 3161.7  | 9691.8  | 18418.7 | 19930.6 | 19956.4 |
| 60°   | 1985.7  | 1860.8  | 1546.4  | 1352.5  | 1356.8  | 2494.0  | 8666.6  | 14352.4 | 15726.5 | 16101.3 |
| 62.5° | 1865.1  | 1796.2  | 1412.8  | 1210.4  | 1154.4  | 1985.7  | 7327.0  | 11927.3 | 13499.6 | 13809.7 |
| 65°   | 1723.0  | 1555.0  | 1296.5  | 1102.7  | 990.7   | 1391.3  | 5190.5  | 8912.1  | 10531.7 | 10949.6 |
| 67.5° | 1542.1  | 1361.2  | 1141.5  | 969.2   | 848.6   | 930.4   | 2679.2  | 5065.6  | 6706.7  | 6952.2  |
| 70°   | 1348.2  | 1180.2  | 960.6   | 818.4   | 684.9   | 641.8   | 1180.2  | 2416.5  | 3665.6  | 3919.8  |
| 72.5° | 1107.0  | 951.9   | 766.7   | 646.1   | 512.6   | 443.7   | 396.3   | 646.1   | 1300.9  | 1511.9  |
| 75°   | 801.2   | 693.5   | 577.2   | 460.9   | 361.8   | 284.3   | 232.6   | 193.8   | 215.4   | 232.6   |
| 77.5° | 590.1   | 504.0   | 426.4   | 327.4   | 254.1   | 202.5   | 159.4   | 120.6   | 116.3   | 112.0   |
| 80°   | 460.9   | 409.2   | 340.3   | 262.8   | 198.1   | 150.8   | 112.0   | 81.8    | 73.2    | 73.2    |
| 82.5° | 361.8   | 336.0   | 280.0   | 215.4   | 163.7   | 120.6   | 81.8    | 56.0    | 47.4    | 47.4    |
| 85°   | 137.8   | 137.8   | 202.5   | 176.6   | 124.9   | 86.1    | 56.0    | 30.2    | 25.8    | 25.8    |
| 87.5° | 34.5    | 34.5    | 34.5    | 34.5    | 30.2    | 25.8    | 25.8    | 12.9    | 8.6     | 8.6     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)