

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: P530186

Luminaire Tested: **GLAN-SA5B-827-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P530186  
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-SA5B-827-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(5) 80 CRI, 2700K, 800mA 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: 15601 lumens  
Efficiency: N/A  
Efficacy: 76.5 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G2

Input Watts (W): 204  
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

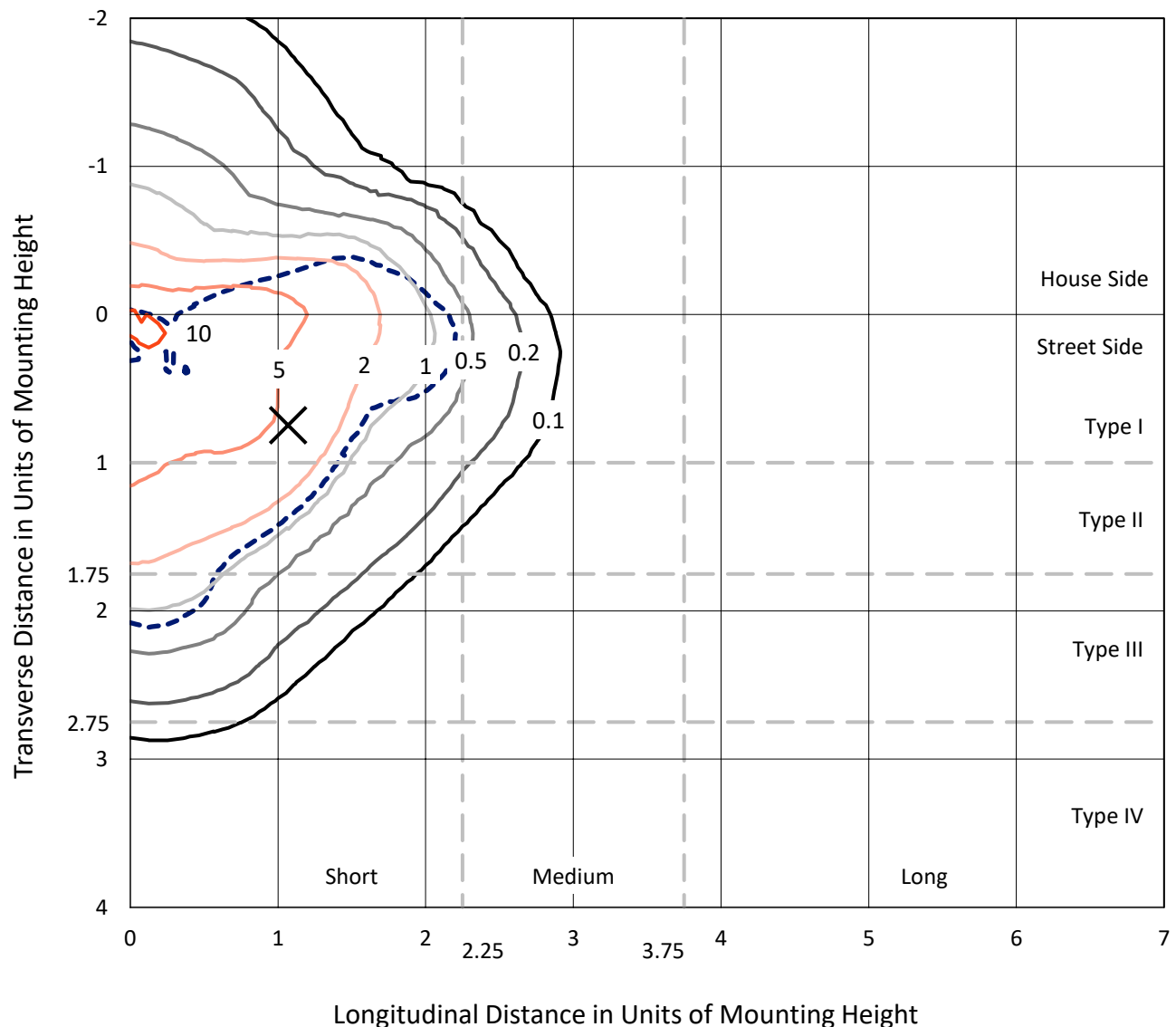


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## Iso-Footcandle Lines of Horizontal Illumination

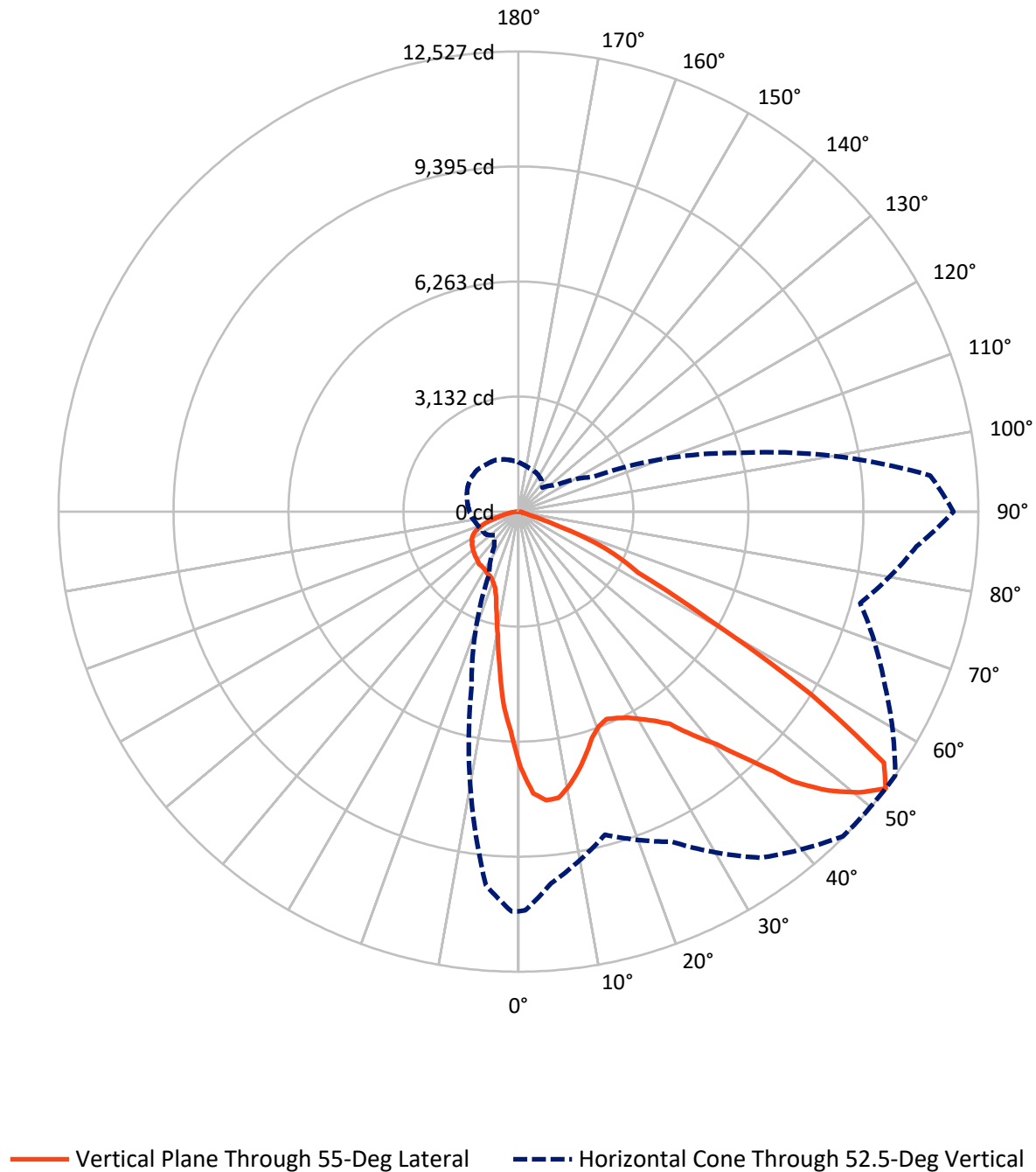
× Max cd  
- - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 11.8 fc  
Type II - Short - N/A

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## Luminous Intensity Polar Plot



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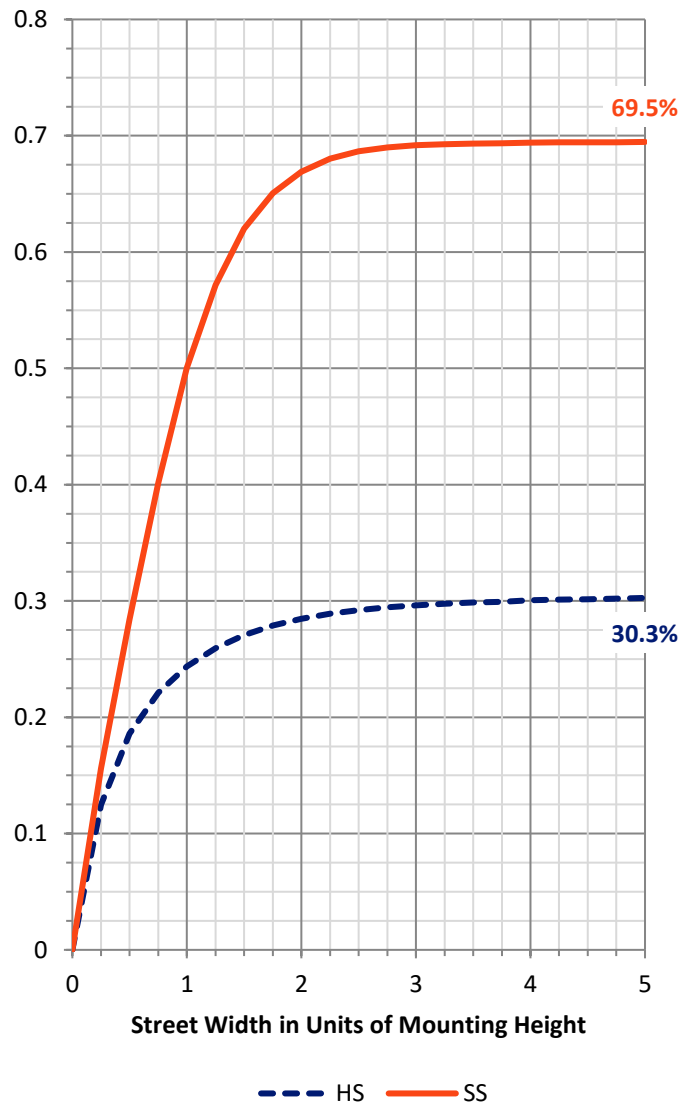
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 4759.2   | 0.0    | 4759.2  |
|                    | % Fixture | 30.5     | 0.0    | 30.5    |
| <b>Street Side</b> | Lumens    | 10841.8  | 0.0    | 10841.8 |
|                    | % Fixture | 69.5     | 0.0    | 69.5    |
| <b>Total</b>       | Lumens    | 15601.0  | 0.0    | 15601.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 531.7   | 3.4       |
| 10°-20°   | 1146.4  | 7.3       |
| 20°-30°   | 1738.3  | 11.1      |
| 30°-40°   | 2511.5  | 16.1      |
| 40°-50°   | 3356.1  | 21.5      |
| 50°-60°   | 3746.1  | 24.0      |
| 60°-70°   | 2054.9  | 13.2      |
| 70°-80°   | 444.3   | 2.8       |
| 80°-90°   | 71.9    | 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°    | 15601.0 | 100.0     |
| 0°-180°   | 15601.0 | 100.0     |

**Coefficient of Utilization**



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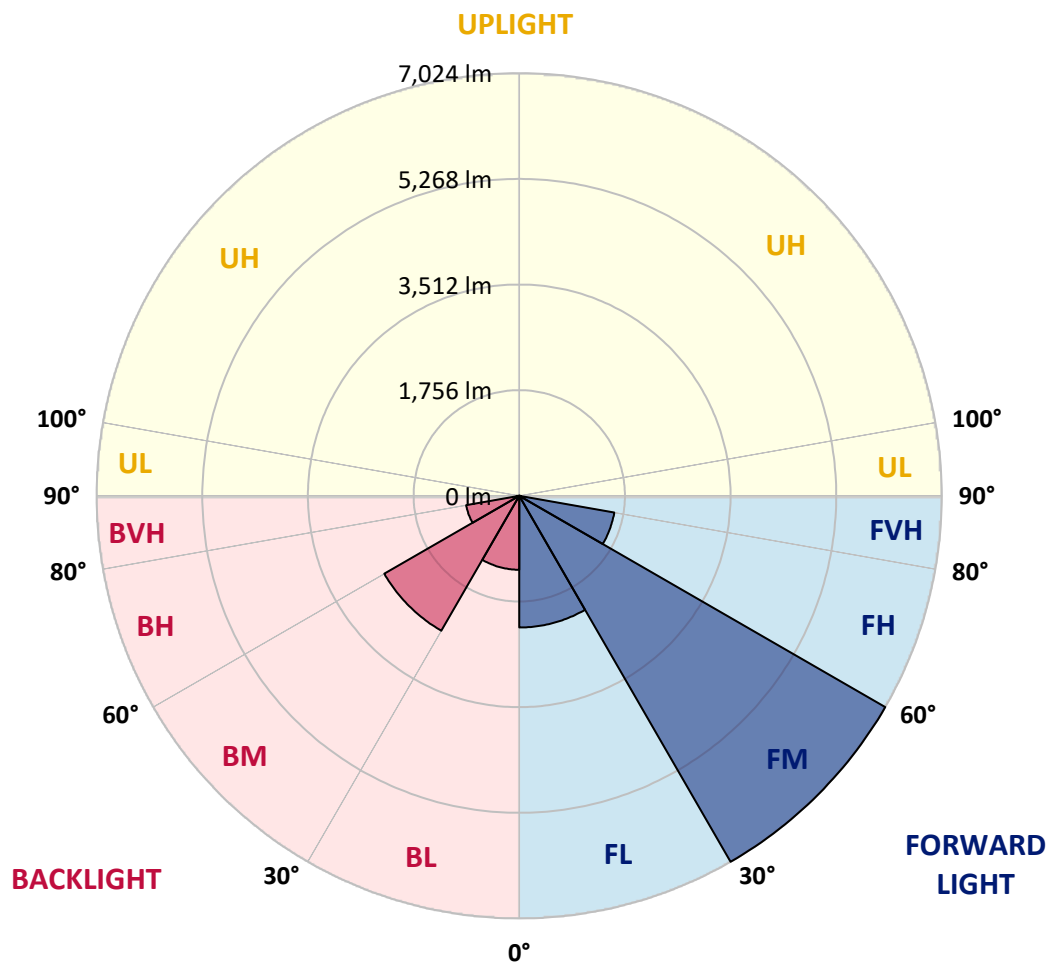
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 2187.5 | 14.0      |                         |      |         |
| FM   | (30°-60°)   | 7024.3 | 45.0      |                         |      |         |
| FH   | (60°-80°)   | 1603.4 | 10.3      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 26.6   | 0.2       |                         |      | G1/100  |
| BL   | (0°-30°)    | 1228.7 | 7.9       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 2589.4 | 16.6      | B3/5000                 |      |         |
| BH   | (60°-80°)   | 895.8  | 5.7       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 45.3   | 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-G2**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°    | 25°    | 35°     | 45°     | 55°     | 65°     | 75°    | 85°     |
|-------|---------|---------|---------|--------|--------|---------|---------|---------|---------|--------|---------|
| 0°    | 6959.3  | 6959.3  | 6959.3  | 6959.3 | 6959.3 | 6959.3  | 6959.3  | 6959.3  | 6959.3  | 6959.3 | 6959.3  |
| 2.5°  | 7303.2  | 7262.2  | 7298.7  | 7471.8 | 7572.0 | 7640.4  | 7683.7  | 7676.8  | 7512.8  | 7353.3 | 7353.3  |
| 5°    | 7089.1  | 7036.7  | 7111.9  | 7503.7 | 7897.8 | 7932.0  | 7988.9  | 7895.5  | 7654.0  | 7362.5 | 6998.0  |
| 7.5°  | 6469.5  | 6508.2  | 6633.5  | 7148.3 | 7660.9 | 7918.3  | 7986.6  | 7868.2  | 7476.4  | 6931.9 | 6396.6  |
| 10°   | 5934.2  | 6025.3  | 6314.6  | 6870.4 | 7342.0 | 7676.8  | 7752.0  | 7585.7  | 7275.9  | 6608.4 | 6130.1  |
| 12.5° | 5749.6  | 5692.7  | 6013.9  | 6569.7 | 7020.8 | 7200.7  | 7234.9  | 7246.3  | 7036.7  | 6444.4 | 5861.3  |
| 15°   | 5726.9  | 5763.3  | 6013.9  | 6435.3 | 6713.2 | 6722.3  | 6779.3  | 6868.1  | 6895.5  | 6556.0 | 5986.6  |
| 17.5° | 6054.9  | 6011.6  | 6269.0  | 6603.9 | 6471.8 | 6339.6  | 6353.3  | 6480.9  | 6706.4  | 6651.7 | 6380.6  |
| 20°   | 6540.1  | 6638.1  | 6840.8  | 6806.6 | 6451.3 | 6116.4  | 6118.7  | 6239.4  | 6683.6  | 7048.1 | 6929.6  |
| 22.5° | 7346.5  | 7442.2  | 7592.5  | 7180.2 | 6451.3 | 6050.3  | 5972.9  | 6136.9  | 6829.4  | 7519.6 | 7549.3  |
| 25°   | 8082.3  | 8257.7  | 8298.7  | 7813.5 | 6774.7 | 6111.8  | 6061.7  | 6223.5  | 6975.2  | 7979.8 | 8260.0  |
| 27.5° | 8752.0  | 8815.8  | 8995.8  | 8221.3 | 6954.7 | 6152.8  | 6148.3  | 6355.6  | 7159.7  | 8209.9 | 8895.5  |
| 30°   | 9280.5  | 9273.7  | 9376.2  | 8478.7 | 7241.7 | 6382.9  | 6162.0  | 6553.8  | 7401.2  | 8590.3 | 9483.3  |
| 32.5° | 9640.4  | 9717.9  | 9934.3  | 8836.3 | 7362.5 | 6601.6  | 6428.5  | 6786.1  | 7695.0  | 8770.3 | 9897.9  |
| 35°   | 10273.7 | 10408.1 | 10134.8 | 9034.5 | 7745.2 | 6818.0  | 6615.3  | 7102.8  | 7840.8  | 8966.2 | 10405.8 |
| 37.5° | 10870.6 | 10768.0 | 10490.1 | 9141.6 | 7993.5 | 7218.9  | 7029.9  | 7715.5  | 8294.2  | 9392.1 | 10743.0 |
| 40°   | 11253.3 | 11251.0 | 10756.7 | 9228.1 | 8168.9 | 7831.7  | 7820.3  | 8337.4  | 8850.0  | 9660.9 | 11121.1 |
| 42.5° | 11419.6 | 11579.0 | 10866.0 | 9219.0 | 8537.9 | 8574.3  | 8804.4  | 9266.9  | 9244.1  | 9715.6 | 11112.0 |
| 44°   | 11647.4 | 11743.0 | 11055.1 | 9239.5 | 8783.9 | 9075.5  | 9617.7  | 9911.5  | 9588.1  | 9686.0 | 11100.6 |
| 45°   | 11638.2 | 11645.1 | 10786.3 | 9266.9 | 8993.5 | 9494.7  | 9979.9  | 10476.5 | 9891.0  | 9622.2 | 11251.0 |
| 47.5° | 11371.7 | 11294.3 | 10558.5 | 9064.1 | 9647.3 | 10601.8 | 11050.5 | 11351.2 | 10264.6 | 9485.5 | 11064.2 |
| 50°   | 10845.5 | 10756.7 | 10004.9 | 8977.6 | 9784.0 | 11289.7 | 11909.3 | 12018.7 | 10604.0 | 9351.1 | 10879.7 |
| 52.5° | 10881.9 | 10856.9 | 10162.1 | 9107.4 | 9920.6 | 11506.1 | 12499.3 | 12526.7 | 10989.0 | 9633.6 | 10881.9 |
| 55°   | 11533.5 | 11446.9 | 10613.1 | 9269.1 | 9820.4 | 11253.3 | 12123.5 | 12075.6 | 10859.2 | 9462.8 | 11082.4 |
| 57.5° | 10553.9 | 10610.9 | 9989.0  | 8629.0 | 8594.8 | 9148.4  | 9531.1  | 9412.6  | 9061.8  | 8540.2 | 10310.2 |
| 60°   | 8515.1  | 8676.9  | 8736.1  | 7216.7 | 6485.4 | 6200.7  | 6086.8  | 5877.2  | 5936.4  | 7016.2 | 9057.3  |
| 62.5° | 7303.2  | 7294.1  | 7665.4  | 6542.4 | 4248.4 | 3653.9  | 3599.2  | 3647.1  | 4330.5  | 6906.9 | 8870.5  |
| 65°   | 5790.6  | 5945.5  | 6059.4  | 5544.6 | 3362.3 | 2713.1  | 2710.8  | 3013.8  | 3747.3  | 5772.4 | 7162.0  |
| 67.5° | 3676.7  | 3879.4  | 4020.6  | 3546.8 | 2248.4 | 1931.7  | 1879.3  | 2243.8  | 2596.9  | 3786.0 | 4312.2  |
| 70°   | 2073.0  | 2168.6  | 2232.4  | 2045.6 | 1430.6 | 1002.3  | 943.1   | 1029.7  | 1569.5  | 2451.1 | 2555.9  |
| 72.5° | 799.6   | 842.9   | 929.4   | 936.3  | 539.9  | 323.5   | 262.0   | 314.4   | 660.6   | 970.4  | 924.9   |
| 75°   | 123.0   | 132.1   | 186.8   | 223.2  | 154.9  | 118.5   | 125.3   | 129.8   | 184.5   | 250.6  | 209.6   |
| 77.5° | 59.2    | 59.2    | 56.9    | 66.1   | 77.5   | 84.3    | 91.1    | 100.2   | 109.3   | 120.7  | 116.2   |
| 80°   | 38.7    | 38.7    | 38.7    | 45.6   | 56.9   | 68.3    | 77.5    | 82.0    | 86.6    | 95.7   | 91.1    |
| 82.5° | 25.1    | 25.1    | 25.1    | 34.2   | 45.6   | 56.9    | 61.5    | 72.9    | 82.0    | 95.7   | 88.8    |
| 85°   | 13.7    | 13.7    | 13.7    | 22.8   | 34.2   | 47.8    | 45.6    | 36.4    | 20.5    | 2.3    | 4.6     |
| 87.5° | 4.6     | 4.6     | 4.6     | 4.6    | 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°    | 6959.3  | 6959.3  | 6959.3 | 6959.3 | 6959.3 | 6959.3 | 6959.3 | 6959.3 | 6959.3 | 6959.3 | 6959.3 |
| 2.5°  | 7162.0  | 7057.2  | 7048.1 | 6834.0 | 6642.6 | 6549.2 | 6474.0 | 6264.5 | 6310.0 | 6189.3 | 6187.0 |
| 5°    | 6815.7  | 6601.6  | 6255.4 | 5970.6 | 5685.9 | 5628.9 | 5380.6 | 5164.2 | 5171.0 | 5016.1 | 5043.5 |
| 7.5°  | 6193.8  | 6045.8  | 5624.4 | 5177.9 | 4799.7 | 4530.9 | 4296.3 | 4155.0 | 3975.1 | 3913.6 | 3881.7 |
| 10°   | 5799.8  | 5617.5  | 5143.7 | 4583.3 | 4159.6 | 4016.1 | 3790.6 | 3665.3 | 3480.8 | 3389.6 | 3325.9 |
| 12.5° | 5626.6  | 5360.1  | 4767.8 | 4198.3 | 3915.9 | 3767.8 | 3576.4 | 3348.6 | 3130.0 | 3045.7 | 2929.5 |
| 15°   | 5644.9  | 5325.9  | 4658.5 | 4043.4 | 3704.0 | 3417.0 | 3246.1 | 2993.3 | 2770.0 | 2622.0 | 2537.7 |
| 17.5° | 5920.5  | 5533.2  | 4708.6 | 3925.0 | 3437.5 | 3077.6 | 2742.7 | 2469.3 | 2291.7 | 2180.0 | 2152.7 |
| 20°   | 6572.0  | 6045.8  | 4792.9 | 3733.6 | 3171.0 | 2722.2 | 2309.9 | 2025.1 | 1888.5 | 1886.2 | 1888.5 |
| 22.5° | 7114.2  | 6592.5  | 4963.7 | 3619.7 | 2904.4 | 2266.6 | 1856.6 | 1765.4 | 1738.1 | 1795.1 | 1801.9 |
| 25°   | 7845.4  | 7207.6  | 5257.6 | 3560.5 | 2658.4 | 1931.7 | 1678.9 | 1644.7 | 1642.4 | 1715.3 | 1717.6 |
| 27.5° | 8594.8  | 7745.2  | 5433.0 | 3387.4 | 2407.8 | 1758.6 | 1571.8 | 1565.0 | 1601.4 | 1678.9 | 1672.0 |
| 30°   | 9105.1  | 8196.2  | 5749.6 | 3180.1 | 2111.7 | 1606.0 | 1528.5 | 1537.6 | 1587.8 | 1647.0 | 1656.1 |
| 32.5° | 9699.7  | 8640.4  | 5831.6 | 3066.2 | 1929.5 | 1478.4 | 1423.7 | 1444.2 | 1508.0 | 1601.4 | 1651.5 |
| 35°   | 10380.8 | 8954.8  | 5956.9 | 2911.3 | 1861.1 | 1380.5 | 1353.1 | 1375.9 | 1453.4 | 1514.9 | 1569.5 |
| 37.5° | 10884.2 | 9510.6  | 5979.7 | 2790.5 | 1785.9 | 1325.8 | 1282.5 | 1357.7 | 1403.2 | 1489.8 | 1517.1 |
| 40°   | 11257.8 | 9913.8  | 6038.9 | 2715.4 | 1726.7 | 1255.2 | 1255.2 | 1305.3 | 1366.8 | 1446.5 | 1501.2 |
| 42.5° | 11497.0 | 10207.7 | 6082.2 | 2647.0 | 1612.8 | 1234.7 | 1223.3 | 1273.4 | 1355.4 | 1432.9 | 1457.9 |
| 44°   | 11642.8 | 10333.0 | 6038.9 | 2583.2 | 1580.9 | 1209.6 | 1209.6 | 1252.9 | 1316.7 | 1407.8 | 1437.4 |
| 45°   | 11679.2 | 10490.1 | 5943.3 | 2581.0 | 1542.2 | 1180.0 | 1175.4 | 1257.4 | 1300.7 | 1412.4 | 1430.6 |
| 47.5° | 11820.5 | 10683.8 | 5954.7 | 2508.1 | 1448.8 | 1109.4 | 1189.1 | 1225.6 | 1264.3 | 1362.2 | 1423.7 |
| 50°   | 11815.9 | 10804.5 | 5929.6 | 2401.0 | 1380.5 | 1029.7 | 1161.8 | 1202.8 | 1241.5 | 1341.7 | 1366.8 |
| 52.5° | 11847.8 | 11255.5 | 6159.7 | 2230.2 | 1257.4 | 927.1  | 1070.7 | 1161.8 | 1209.6 | 1293.9 | 1346.3 |
| 55°   | 11831.9 | 11513.0 | 6387.5 | 2102.6 | 1084.3 | 865.6  | 993.2  | 1100.3 | 1168.6 | 1257.4 | 1282.5 |
| 57.5° | 10806.8 | 10175.8 | 5911.4 | 1863.4 | 897.5  | 792.7  | 883.9  | 1036.5 | 1123.0 | 1214.2 | 1246.1 |
| 60°   | 8829.5  | 7843.1  | 4874.9 | 1371.3 | 738.1  | 729.0  | 822.4  | 1016.0 | 1052.4 | 1132.2 | 1186.8 |
| 62.5° | 8159.8  | 6879.5  | 3865.7 | 1047.9 | 631.0  | 667.5  | 758.6  | 918.0  | 975.0  | 1072.9 | 1123.0 |
| 65°   | 6385.2  | 4569.6  | 2394.2 | 708.5  | 555.8  | 599.1  | 685.7  | 804.1  | 897.5  | 988.6  | 1047.9 |
| 67.5° | 3781.5  | 2496.7  | 1184.6 | 496.6  | 485.2  | 530.8  | 619.6  | 708.5  | 815.5  | 915.8  | 945.4  |
| 70°   | 2059.3  | 1227.8  | 505.7  | 378.1  | 412.3  | 453.3  | 539.9  | 601.4  | 703.9  | 781.3  | 831.5  |
| 72.5° | 660.6   | 373.6   | 252.9  | 280.2  | 314.4  | 362.2  | 414.6  | 489.8  | 562.7  | 608.2  | 649.2  |
| 75°   | 159.5   | 157.2   | 180.0  | 195.9  | 227.8  | 264.2  | 307.5  | 346.3  | 403.2  | 446.5  | 482.9  |
| 77.5° | 111.6   | 120.7   | 139.0  | 161.7  | 173.1  | 186.8  | 214.1  | 243.7  | 268.8  | 300.7  | 323.5  |
| 80°   | 86.6    | 93.4    | 107.1  | 118.5  | 129.8  | 141.2  | 154.9  | 166.3  | 182.2  | 202.7  | 214.1  |
| 82.5° | 82.0    | 86.6    | 100.2  | 107.1  | 102.5  | 100.2  | 109.3  | 113.9  | 116.2  | 123.0  | 129.8  |
| 85°   | 6.8     | 0.0     | 4.6    | 15.9   | 38.7   | 56.9   | 61.5   | 61.5   | 59.2   | 63.8   | 63.8   |
| 87.5° | 0.0     | 0.0     | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 2.3    | 9.1    | 6.8    |
| 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°    | 6959.3 | 6959.3 | 6959.3 | 6959.3 | 6959.3 | 6959.3 | 6959.3 | 6959.3 | 6959.3 | 6959.3 | 6959.3 |
| 2.5°  | 6159.7 | 6082.2 | 6111.8 | 6148.3 | 6095.9 | 5975.2 | 6007.1 | 5993.4 | 6116.4 | 6107.3 | 6230.3 |
| 5°    | 5164.2 | 5043.5 | 5057.1 | 5234.8 | 5177.9 | 5239.4 | 5116.4 | 5100.4 | 5123.2 | 5134.6 | 5155.1 |
| 7.5°  | 3952.3 | 3936.4 | 4073.0 | 4223.4 | 4294.0 | 4221.1 | 4100.4 | 4073.0 | 4048.0 | 3997.9 | 4111.8 |
| 10°   | 3225.6 | 3230.2 | 3221.1 | 3335.0 | 3414.7 | 3398.8 | 3325.9 | 3316.8 | 3268.9 | 3250.7 | 3314.5 |
| 12.5° | 2879.4 | 2817.9 | 2788.3 | 2751.8 | 2813.3 | 2854.3 | 2822.4 | 2799.6 | 2801.9 | 2824.7 | 2833.8 |
| 15°   | 2544.5 | 2505.8 | 2442.0 | 2401.0 | 2430.6 | 2410.1 | 2398.7 | 2444.3 | 2432.9 | 2428.3 | 2483.0 |
| 17.5° | 2168.6 | 2200.5 | 2196.0 | 2150.4 | 2189.1 | 2173.2 | 2170.9 | 2139.0 | 2095.7 | 2063.9 | 2082.1 |
| 20°   | 1920.3 | 1979.6 | 2025.1 | 2027.4 | 2047.9 | 2045.6 | 2011.5 | 1913.5 | 1881.6 | 1874.8 | 1879.3 |
| 22.5° | 1831.5 | 1863.4 | 1918.1 | 1995.5 | 1995.5 | 1959.1 | 1918.1 | 1804.2 | 1774.6 | 1742.7 | 1729.0 |
| 25°   | 1760.9 | 1822.4 | 1893.0 | 1902.1 | 1938.6 | 1904.4 | 1838.3 | 1781.4 | 1719.9 | 1676.6 | 1676.6 |
| 27.5° | 1724.4 | 1792.8 | 1845.2 | 1861.1 | 1911.2 | 1883.9 | 1815.6 | 1742.7 | 1669.8 | 1667.5 | 1628.8 |
| 30°   | 1708.5 | 1772.3 | 1806.4 | 1845.2 | 1868.0 | 1824.7 | 1804.2 | 1726.7 | 1653.8 | 1635.6 | 1571.8 |
| 32.5° | 1660.7 | 1751.8 | 1815.6 | 1806.4 | 1824.7 | 1806.4 | 1776.8 | 1713.0 | 1631.0 | 1590.0 | 1583.2 |
| 35°   | 1606.0 | 1697.1 | 1765.4 | 1813.3 | 1824.7 | 1785.9 | 1767.7 | 1681.2 | 1569.5 | 1549.0 | 1478.4 |
| 37.5° | 1576.4 | 1631.0 | 1715.3 | 1792.8 | 1808.7 | 1788.2 | 1726.7 | 1637.9 | 1526.3 | 1503.5 | 1442.0 |
| 40°   | 1539.9 | 1610.5 | 1676.6 | 1740.4 | 1788.2 | 1738.1 | 1667.5 | 1580.9 | 1530.8 | 1462.5 | 1444.2 |
| 42.5° | 1512.6 | 1592.3 | 1647.0 | 1717.6 | 1772.3 | 1706.2 | 1624.2 | 1565.0 | 1494.4 | 1448.8 | 1396.4 |
| 44°   | 1503.5 | 1576.4 | 1612.8 | 1699.4 | 1744.9 | 1694.8 | 1626.5 | 1565.0 | 1483.0 | 1442.0 | 1396.4 |
| 45°   | 1471.6 | 1571.8 | 1610.5 | 1688.0 | 1726.7 | 1685.7 | 1599.1 | 1537.6 | 1478.4 | 1428.3 | 1380.5 |
| 47.5° | 1439.7 | 1508.0 | 1574.1 | 1635.6 | 1662.9 | 1649.3 | 1576.4 | 1501.2 | 1430.6 | 1401.0 | 1355.4 |
| 50°   | 1430.6 | 1498.9 | 1560.4 | 1617.4 | 1649.3 | 1621.9 | 1555.9 | 1483.0 | 1401.0 | 1353.1 | 1314.4 |
| 52.5° | 1385.0 | 1469.3 | 1537.6 | 1555.9 | 1596.9 | 1580.9 | 1530.8 | 1451.1 | 1373.6 | 1332.6 | 1300.7 |
| 55°   | 1319.0 | 1407.8 | 1501.2 | 1524.0 | 1583.2 | 1558.1 | 1483.0 | 1407.8 | 1341.7 | 1280.2 | 1239.2 |
| 57.5° | 1293.9 | 1380.5 | 1471.6 | 1501.2 | 1537.6 | 1496.6 | 1478.4 | 1398.7 | 1293.9 | 1262.0 | 1198.2 |
| 60°   | 1230.1 | 1339.5 | 1414.6 | 1483.0 | 1485.2 | 1473.9 | 1442.0 | 1350.8 | 1264.3 | 1205.1 | 1159.5 |
| 62.5° | 1180.0 | 1282.5 | 1341.7 | 1405.5 | 1444.2 | 1412.4 | 1380.5 | 1296.2 | 1202.8 | 1136.7 | 1084.3 |
| 65°   | 1107.1 | 1200.5 | 1250.6 | 1289.3 | 1332.6 | 1328.1 | 1273.4 | 1211.9 | 1113.9 | 1061.5 | 1011.4 |
| 67.5° | 995.5  | 1077.5 | 1145.8 | 1182.3 | 1209.6 | 1202.8 | 1161.8 | 1118.5 | 1018.3 | 965.9  | 929.4  |
| 70°   | 861.1  | 945.4  | 988.6  | 1009.1 | 1036.5 | 1050.2 | 1018.3 | 997.8  | 908.9  | 840.6  | 806.4  |
| 72.5° | 692.5  | 747.2  | 811.0  | 829.2  | 840.6  | 849.7  | 849.7  | 831.5  | 740.3  | 713.0  | 653.8  |
| 75°   | 510.3  | 553.6  | 601.4  | 601.4  | 621.9  | 624.2  | 628.7  | 617.3  | 549.0  | 512.5  | 498.9  |
| 77.5° | 346.3  | 378.1  | 416.9  | 432.8  | 446.5  | 444.2  | 441.9  | 410.0  | 373.6  | 357.6  | 344.0  |
| 80°   | 225.5  | 257.4  | 275.6  | 296.1  | 309.8  | 307.5  | 312.1  | 289.3  | 273.4  | 246.0  | 250.6  |
| 82.5° | 134.4  | 159.5  | 177.7  | 202.7  | 202.7  | 209.6  | 209.6  | 202.7  | 186.8  | 173.1  | 173.1  |
| 85°   | 63.8   | 84.3   | 95.7   | 111.6  | 120.7  | 123.0  | 109.3  | 93.4   | 77.5   | 70.6   | 77.5   |
| 87.5° | 11.4   | 15.9   | 22.8   | 20.5   | 25.1   | 22.8   | 22.8   | 22.8   | 22.8   | 18.2   | 20.5   |
| 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: P530186

CATALOG NUMBER: GLAN-SA5B-827-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°    | 359°    | 360°    |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0°    | 6959.3 | 6959.3 | 6959.3 | 6959.3 | 6959.3 | 6959.3 | 6959.3 | 6959.3  | 6959.3  | 6959.3  |
| 2.5°  | 6184.7 | 6298.6 | 6378.4 | 6510.5 | 6738.3 | 6920.5 | 7107.3 | 7246.3  | 7262.2  | 7303.2  |
| 5°    | 5230.3 | 5291.8 | 5494.5 | 5758.8 | 5945.5 | 6253.1 | 6451.3 | 6811.2  | 6945.6  | 7089.1  |
| 7.5°  | 4084.4 | 4184.7 | 4455.7 | 4633.4 | 5043.5 | 5428.4 | 5827.1 | 6271.3  | 6449.0  | 6469.5  |
| 10°   | 3444.3 | 3590.1 | 3774.6 | 4059.4 | 4282.6 | 4710.9 | 5207.5 | 5701.8  | 5900.0  | 5934.2  |
| 12.5° | 3025.2 | 3212.0 | 3458.0 | 3663.0 | 3877.1 | 4250.7 | 4726.8 | 5337.3  | 5594.7  | 5749.6  |
| 15°   | 2622.0 | 2815.6 | 3086.7 | 3371.4 | 3560.5 | 4007.0 | 4567.4 | 5255.3  | 5590.2  | 5726.9  |
| 17.5° | 2207.4 | 2387.3 | 2610.6 | 2918.1 | 3298.5 | 3799.7 | 4542.3 | 5528.7  | 5895.4  | 6054.9  |
| 20°   | 1852.0 | 1952.2 | 2211.9 | 2528.6 | 3004.7 | 3587.8 | 4551.4 | 5931.9  | 6469.5  | 6540.1  |
| 22.5° | 1713.0 | 1735.8 | 1838.3 | 2129.9 | 2651.6 | 3371.4 | 4713.2 | 6503.7  | 7114.2  | 7346.5  |
| 25°   | 1606.0 | 1601.4 | 1628.8 | 1824.7 | 2394.2 | 3287.1 | 4872.6 | 7029.9  | 7829.4  | 8082.3  |
| 27.5° | 1546.8 | 1501.2 | 1503.5 | 1688.0 | 2211.9 | 3150.5 | 5077.6 | 7633.5  | 8640.4  | 8752.0  |
| 30°   | 1517.1 | 1508.0 | 1480.7 | 1555.9 | 2013.7 | 2945.4 | 5111.8 | 8228.1  | 9118.8  | 9280.5  |
| 32.5° | 1498.9 | 1410.1 | 1375.9 | 1403.2 | 1826.9 | 2722.2 | 5239.4 | 8619.9  | 9711.1  | 9640.4  |
| 35°   | 1407.8 | 1328.1 | 1305.3 | 1332.6 | 1694.8 | 2596.9 | 5155.1 | 8961.6  | 10155.3 | 10273.7 |
| 37.5° | 1373.6 | 1303.0 | 1257.4 | 1234.7 | 1571.8 | 2492.1 | 5111.8 | 9487.8  | 10585.8 | 10870.6 |
| 40°   | 1341.7 | 1266.6 | 1211.9 | 1189.1 | 1476.1 | 2353.2 | 5098.1 | 9893.3  | 11082.4 | 11253.3 |
| 42.5° | 1305.3 | 1257.4 | 1195.9 | 1154.9 | 1360.0 | 2214.2 | 4941.0 | 10018.6 | 11235.0 | 11419.6 |
| 44°   | 1293.9 | 1221.0 | 1157.2 | 1143.5 | 1314.4 | 2143.6 | 4909.1 | 10132.5 | 11367.2 | 11647.4 |
| 45°   | 1282.5 | 1214.2 | 1141.3 | 1123.0 | 1298.5 | 2104.9 | 4865.8 | 10159.8 | 11585.8 | 11638.2 |
| 47.5° | 1250.6 | 1207.3 | 1136.7 | 1086.6 | 1264.3 | 2020.6 | 4735.9 | 10004.9 | 11362.6 | 11371.7 |
| 50°   | 1225.6 | 1175.4 | 1102.5 | 1004.6 | 1218.7 | 1950.0 | 4795.2 | 9948.0  | 10825.0 | 10845.5 |
| 52.5° | 1198.2 | 1123.0 | 1082.0 | 913.5  | 1143.5 | 1890.7 | 4920.5 | 10205.4 | 10886.5 | 10881.9 |
| 55°   | 1166.3 | 1084.3 | 984.1  | 836.0  | 1018.3 | 1815.6 | 5223.4 | 10713.4 | 11456.0 | 11533.5 |
| 57.5° | 1116.2 | 1045.6 | 902.1  | 767.7  | 874.7  | 1672.0 | 5125.5 | 9740.7  | 10540.2 | 10553.9 |
| 60°   | 1050.2 | 984.1  | 817.8  | 715.3  | 717.6  | 1319.0 | 4583.3 | 7590.3  | 8316.9  | 8515.1  |
| 62.5° | 986.4  | 949.9  | 747.2  | 640.1  | 610.5  | 1050.2 | 3874.9 | 6307.7  | 7139.2  | 7303.2  |
| 65°   | 911.2  | 822.4  | 685.7  | 583.2  | 523.9  | 735.8  | 2745.0 | 4713.2  | 5569.7  | 5790.6  |
| 67.5° | 815.5  | 719.8  | 603.7  | 512.5  | 448.8  | 492.0  | 1416.9 | 2678.9  | 3546.8  | 3676.7  |
| 70°   | 713.0  | 624.2  | 508.0  | 432.8  | 362.2  | 339.4  | 624.2  | 1278.0  | 1938.6  | 2073.0  |
| 72.5° | 585.4  | 503.4  | 405.5  | 341.7  | 271.1  | 234.6  | 209.6  | 341.7   | 688.0   | 799.6   |
| 75°   | 423.7  | 366.8  | 305.3  | 243.7  | 191.4  | 150.3  | 123.0  | 102.5   | 113.9   | 123.0   |
| 77.5° | 312.1  | 266.5  | 225.5  | 173.1  | 134.4  | 107.1  | 84.3   | 63.8    | 61.5    | 59.2    |
| 80°   | 243.7  | 216.4  | 180.0  | 139.0  | 104.8  | 79.7   | 59.2   | 43.3    | 38.7    | 38.7    |
| 82.5° | 191.4  | 177.7  | 148.1  | 113.9  | 86.6   | 63.8   | 43.3   | 29.6    | 25.1    | 25.1    |
| 85°   | 72.9   | 72.9   | 107.1  | 93.4   | 66.1   | 45.6   | 29.6   | 15.9    | 13.7    | 13.7    |
| 87.5° | 18.2   | 18.2   | 18.2   | 18.2   | 15.9   | 13.7   | 13.7   | 6.8     | 4.6     | 4.6     |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0     | 0.0     | 0.0     |

(END OF REPORT)