

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: P652780

Luminaire Tested: **GLAN-SA3C-840-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P652780  
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-SA3C-840-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(3) 80 CRI, 4000K, 1050mA 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: 13145.7 lumens  
Efficiency: N/A  
Efficacy: 82.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G2

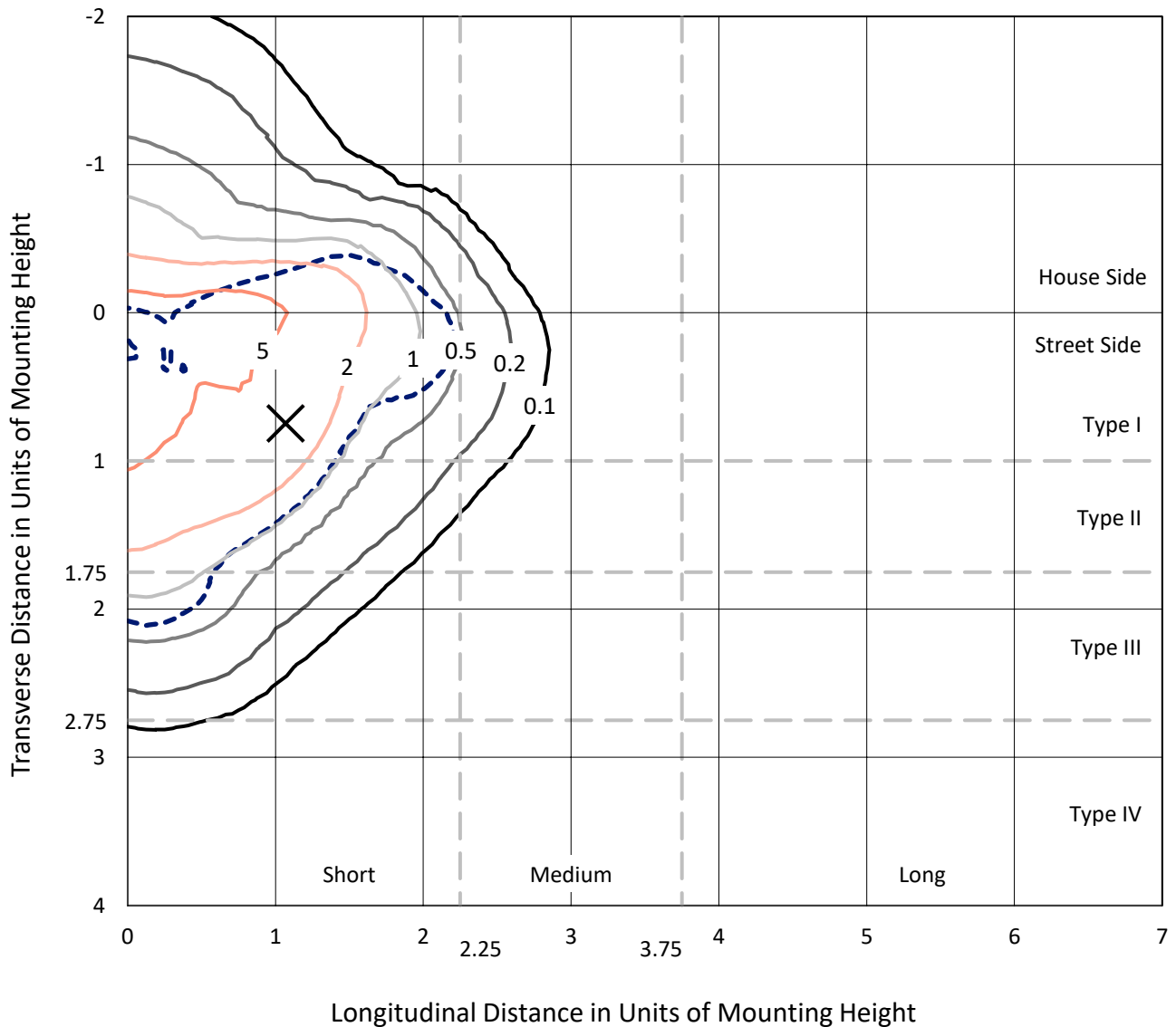
Input Watts (W): 160  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

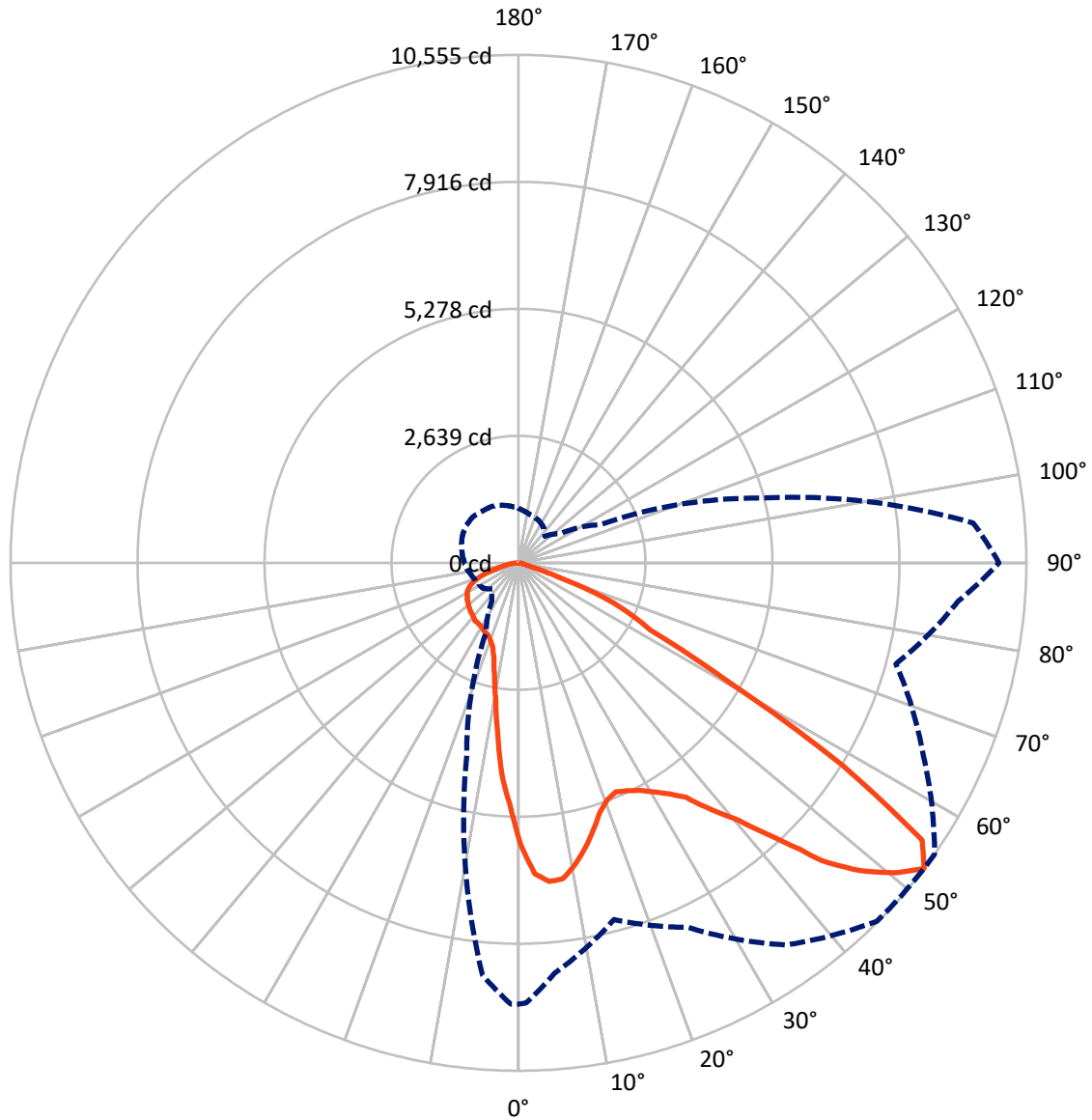
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 10 fc  
 Type II - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 55-Deg Lateral      - - - Horizontal Cone Through 52.5-Deg Vertical

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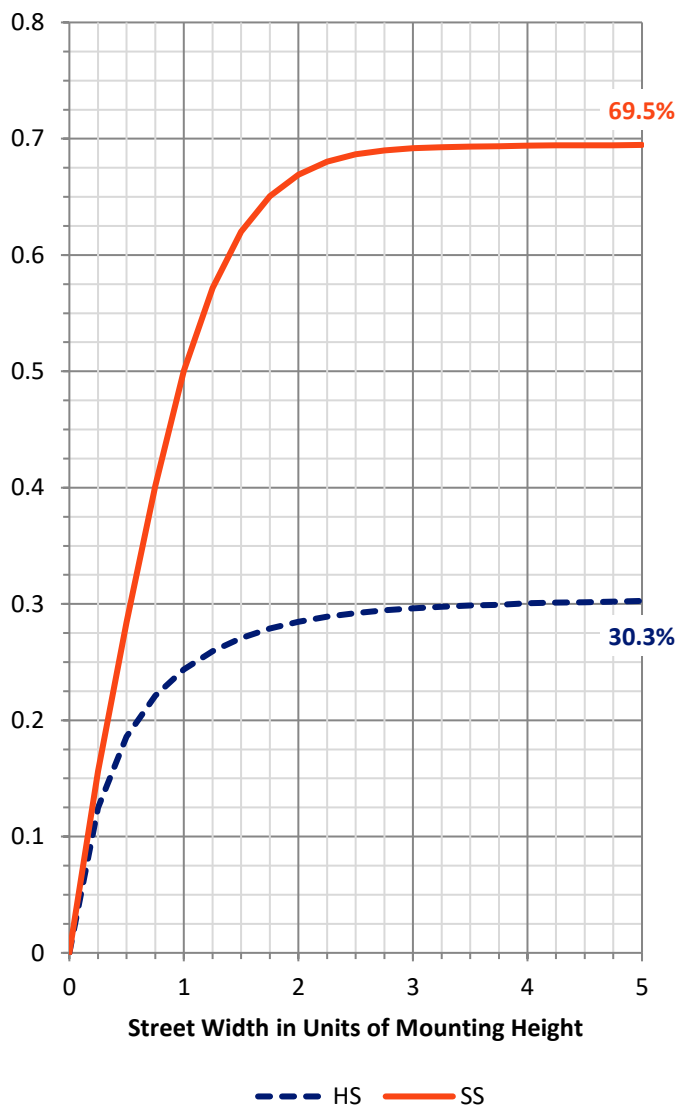
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 4010.1   | 0.0    | 4010.1  |
|                    | % Fixture | 30.5     | 0.0    | 30.5    |
| <b>Street Side</b> | Lumens    | 9135.5   | 0.0    | 9135.5  |
|                    | % Fixture | 69.5     | 0.0    | 69.5    |
| <b>Total</b>       | Lumens    | 13145.7  | 0.0    | 13145.7 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 448.0   | 3.4       |
| 10°-20°   | 965.9   | 7.3       |
| 20°-30°   | 1464.7  | 11.1      |
| 30°-40°   | 2116.2  | 16.1      |
| 40°-50°   | 2827.9  | 21.5      |
| 50°-60°   | 3156.5  | 24.0      |
| 60°-70°   | 1731.5  | 13.2      |
| 70°-80°   | 374.4   | 2.8       |
| 80°-90°   | 60.6    | 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°    | 13145.7 | 100.0     |
| 0°-180°   | 13145.7 | 100.0     |

**Coefficient of Utilization**

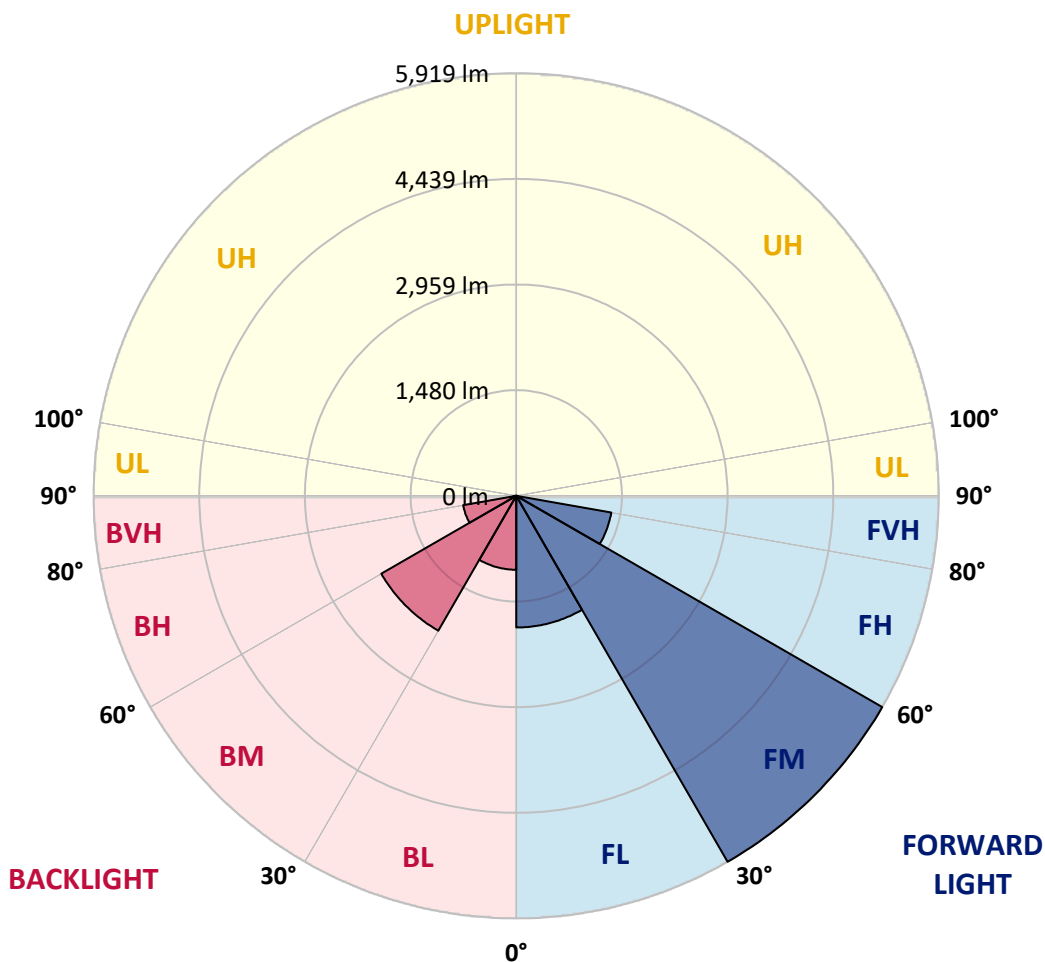


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|--------|-----------|-------------------------|------|---------|
|                |        |           | B                       | U    | G       |
| FL (0°-30°)    | 1843.3 | 14.0      |                         |      |         |
| FM (30°-60°)   | 5918.8 | 45.0      |                         |      |         |
| FH (60°-80°)   | 1351.0 | 10.3      |                         |      | G1/1800 |
| FVH (80°-90°)  | 22.4   | 0.2       |                         |      | G1/100  |
| BL (0°-30°)    | 1035.4 | 7.9       | B3/2500                 |      |         |
| BM (30°-60°)   | 2181.8 | 16.6      | B2/2500                 |      |         |
| BH (60°-80°)   | 754.8  | 5.7       | B2/1000                 |      | G2/1000 |
| BVH (80°-90°)  | 38.1   | 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°    | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0  | 5864.0  | 5864.0 | 5864.0 | 5864.0 |
| 2.5°  | 6153.8 | 6119.3 | 6150.0 | 6295.9 | 6380.3 | 6437.9 | 6474.4  | 6468.6  | 6330.5 | 6196.1 | 6196.1 |
| 5°    | 5973.4 | 5929.2 | 5992.6 | 6322.7 | 6654.8 | 6683.6 | 6731.6  | 6652.9  | 6449.5 | 6203.7 | 5896.6 |
| 7.5°  | 5451.3 | 5483.9 | 5589.5 | 6023.3 | 6455.2 | 6672.1 | 6729.7  | 6629.9  | 6299.7 | 5840.9 | 5389.9 |
| 10°   | 5000.2 | 5077.0 | 5320.8 | 5789.1 | 6186.5 | 6468.6 | 6532.0  | 6391.9  | 6130.8 | 5568.4 | 5165.3 |
| 12.5° | 4844.7 | 4796.7 | 5067.4 | 5535.8 | 5915.8 | 6067.5 | 6096.2  | 6105.8  | 5929.2 | 5430.2 | 4938.8 |
| 15°   | 4825.6 | 4856.3 | 5067.4 | 5422.5 | 5656.7 | 5664.4 | 5712.3  | 5787.2  | 5810.2 | 5524.3 | 5044.4 |
| 17.5° | 5101.9 | 5065.5 | 5282.4 | 5564.6 | 5453.2 | 5341.9 | 5353.4  | 5460.9  | 5650.9 | 5604.8 | 5376.4 |
| 20°   | 5510.8 | 5593.3 | 5764.2 | 5735.4 | 5436.0 | 5153.8 | 5155.7  | 5257.4  | 5631.8 | 5938.8 | 5839.1 |
| 22.5° | 6190.3 | 6270.9 | 6397.6 | 6050.2 | 5436.0 | 5098.1 | 5032.9  | 5171.1  | 5754.5 | 6336.2 | 6361.2 |
| 25°   | 6810.2 | 6958.1 | 6992.7 | 6583.8 | 5708.5 | 5149.9 | 5107.7  | 5244.0  | 5877.4 | 6723.9 | 6960.0 |
| 27.5° | 7374.6 | 7428.4 | 7580.0 | 6927.4 | 5860.2 | 5184.5 | 5180.6  | 5355.3  | 6032.9 | 6917.8 | 7495.5 |
| 30°   | 7820.0 | 7814.2 | 7900.5 | 7144.3 | 6102.0 | 5378.4 | 5192.2  | 5522.3  | 6236.4 | 7238.3 | 7990.8 |
| 32.5° | 8123.2 | 8188.5 | 8370.8 | 7445.6 | 6203.7 | 5562.6 | 5416.7  | 5718.1  | 6483.9 | 7390.0 | 8340.1 |
| 35°   | 8656.8 | 8770.0 | 8539.8 | 7612.6 | 6526.2 | 5745.0 | 5574.1  | 5984.9  | 6606.8 | 7555.0 | 8768.2 |
| 37.5° | 9159.8 | 9073.4 | 8839.2 | 7702.8 | 6735.4 | 6082.8 | 5923.5  | 6501.3  | 6988.8 | 7914.0 | 9052.2 |
| 40°   | 9482.2 | 9480.3 | 9063.7 | 7775.8 | 6883.2 | 6599.2 | 6589.6  | 7025.3  | 7457.1 | 8140.5 | 9370.8 |
| 42.5° | 9622.3 | 9756.7 | 9155.9 | 7768.1 | 7194.2 | 7224.9 | 7418.8  | 7808.4  | 7789.3 | 8186.5 | 9363.2 |
| 44°   | 9814.2 | 9894.9 | 9315.2 | 7785.4 | 7401.5 | 7647.2 | 8104.0  | 8351.6  | 8079.1 | 8161.6 | 9353.6 |
| 45°   | 9806.6 | 9812.4 | 9088.7 | 7808.4 | 7578.1 | 8000.3 | 8409.2  | 8827.6  | 8334.3 | 8107.8 | 9480.3 |
| 47.5° | 9582.0 | 9516.8 | 8896.8 | 7637.5 | 8128.9 | 8933.2 | 9311.4  | 9564.7  | 8649.2 | 7992.7 | 9322.9 |
| 50°   | 9138.6 | 9063.7 | 8430.4 | 7564.6 | 8244.2 | 9512.9 | 10035.0 | 10127.2 | 8935.1 | 7879.4 | 9167.4 |
| 52.5° | 9169.3 | 9148.2 | 8562.7 | 7674.0 | 8359.3 | 9695.2 | 10532.2 | 10555.1 | 9259.5 | 8117.4 | 9169.3 |
| 55°   | 9718.3 | 9645.3 | 8942.9 | 7810.4 | 8274.9 | 9482.2 | 10215.5 | 10175.1 | 9150.1 | 7973.5 | 9338.2 |
| 57.5° | 8892.9 | 8940.9 | 8416.9 | 7270.9 | 7242.2 | 7708.6 | 8031.0  | 7931.2  | 7635.7 | 7196.1 | 8687.5 |
| 60°   | 7175.0 | 7311.2 | 7361.2 | 6080.9 | 5464.7 | 5224.8 | 5128.8  | 4952.2  | 5002.2 | 5912.0 | 7631.8 |
| 62.5° | 6153.8 | 6146.1 | 6459.0 | 5512.8 | 3579.8 | 3078.8 | 3032.7  | 3073.1  | 3648.9 | 5819.8 | 7474.4 |
| 65°   | 4879.3 | 5009.8 | 5105.8 | 4672.0 | 2833.2 | 2286.1 | 2284.2  | 2539.5  | 3157.5 | 4863.9 | 6034.8 |
| 67.5° | 3098.0 | 3268.9 | 3387.9 | 2988.6 | 1894.5 | 1627.7 | 1583.6  | 1890.7  | 2188.2 | 3190.2 | 3633.5 |
| 70°   | 1746.8 | 1827.3 | 1881.1 | 1723.7 | 1205.4 | 844.5  | 794.7   | 867.6   | 1322.6 | 2065.3 | 2153.6 |
| 72.5° | 673.7  | 710.2  | 783.1  | 788.9  | 454.9  | 272.6  | 220.8   | 264.9   | 556.7  | 817.7  | 779.3  |
| 75°   | 103.6  | 111.3  | 157.4  | 188.1  | 130.5  | 99.8   | 105.5   | 109.4   | 155.5  | 211.2  | 176.6  |
| 77.5° | 49.9   | 49.9   | 48.0   | 55.7   | 65.3   | 71.0   | 76.8    | 84.4    | 92.2   | 101.8  | 97.9   |
| 80°   | 32.6   | 32.6   | 32.6   | 38.3   | 48.0   | 57.6   | 65.3    | 69.1    | 72.9   | 80.7   | 76.8   |
| 82.5° | 21.1   | 21.1   | 21.1   | 28.8   | 38.3   | 48.0   | 51.8    | 61.4    | 69.1   | 80.7   | 74.8   |
| 85°   | 11.5   | 11.5   | 11.5   | 19.2   | 28.8   | 40.3   | 38.3    | 30.7    | 17.2   | 1.9    | 3.9    |
| 87.5° | 3.9    | 3.9    | 3.9    | 3.9    | 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°    | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 |
| 2.5°  | 6034.8 | 5946.5 | 5938.8 | 5758.4 | 5597.2 | 5518.5 | 5455.1 | 5278.5 | 5317.0 | 5215.2 | 5213.3 |
| 5°    | 5743.0 | 5562.6 | 5270.9 | 5030.9 | 4791.0 | 4743.0 | 4533.8 | 4351.4 | 4357.2 | 4226.7 | 4249.7 |
| 7.5°  | 5219.1 | 5094.3 | 4739.2 | 4362.9 | 4044.3 | 3817.8 | 3620.1 | 3501.1 | 3349.5 | 3297.6 | 3270.8 |
| 10°   | 4887.0 | 4733.4 | 4334.2 | 3862.0 | 3505.0 | 3384.0 | 3194.0 | 3088.4 | 2933.0 | 2856.2 | 2802.5 |
| 12.5° | 4741.1 | 4516.5 | 4017.5 | 3537.6 | 3299.6 | 3174.8 | 3013.6 | 2821.6 | 2637.4 | 2566.3 | 2468.4 |
| 15°   | 4756.4 | 4487.7 | 3925.3 | 3407.1 | 3121.0 | 2879.2 | 2735.3 | 2522.2 | 2334.1 | 2209.3 | 2138.3 |
| 17.5° | 4988.7 | 4662.4 | 3967.6 | 3307.2 | 2896.5 | 2593.2 | 2311.1 | 2080.7 | 1931.0 | 1836.9 | 1813.9 |
| 20°   | 5537.6 | 5094.3 | 4038.6 | 3146.0 | 2671.9 | 2293.7 | 1946.3 | 1706.4 | 1591.3 | 1589.3 | 1591.3 |
| 22.5° | 5994.5 | 5555.0 | 4182.5 | 3050.1 | 2447.3 | 1909.9 | 1564.3 | 1487.6 | 1464.5 | 1512.5 | 1518.3 |
| 25°   | 6610.7 | 6073.2 | 4430.1 | 3000.1 | 2240.0 | 1627.7 | 1414.6 | 1385.9 | 1383.9 | 1445.3 | 1447.3 |
| 27.5° | 7242.2 | 6526.2 | 4577.9 | 2854.3 | 2028.9 | 1481.8 | 1324.4 | 1318.7 | 1349.4 | 1414.6 | 1408.9 |
| 30°   | 7672.1 | 6906.3 | 4844.7 | 2679.6 | 1779.4 | 1353.3 | 1288.0 | 1295.6 | 1337.9 | 1387.8 | 1395.5 |
| 32.5° | 8173.1 | 7280.5 | 4913.9 | 2583.6 | 1625.8 | 1245.8 | 1199.7 | 1216.9 | 1270.7 | 1349.4 | 1391.6 |
| 35°   | 8747.1 | 7545.5 | 5019.4 | 2453.1 | 1568.2 | 1163.2 | 1140.1 | 1159.4 | 1224.7 | 1276.5 | 1322.6 |
| 37.5° | 9171.3 | 8013.8 | 5038.6 | 2351.4 | 1504.9 | 1117.1 | 1080.7 | 1144.0 | 1182.4 | 1255.4 | 1278.4 |
| 40°   | 9486.1 | 8353.6 | 5088.6 | 2288.0 | 1454.9 | 1057.6 | 1057.6 | 1099.9 | 1151.7 | 1218.9 | 1264.9 |
| 42.5° | 9687.6 | 8601.2 | 5125.0 | 2230.4 | 1359.0 | 1040.3 | 1030.7 | 1072.9 | 1142.1 | 1207.3 | 1228.4 |
| 44°   | 9810.4 | 8706.7 | 5088.6 | 2176.7 | 1332.1 | 1019.2 | 1019.2 | 1055.7 | 1109.4 | 1186.2 | 1211.2 |
| 45°   | 9841.1 | 8839.2 | 5007.9 | 2174.7 | 1299.5 | 994.3  | 990.4  | 1059.6 | 1096.0 | 1190.1 | 1205.4 |
| 47.5° | 9960.1 | 9002.3 | 5017.5 | 2113.3 | 1220.8 | 934.8  | 1002.0 | 1032.7 | 1065.3 | 1147.9 | 1199.7 |
| 50°   | 9956.3 | 9104.1 | 4996.4 | 2023.1 | 1163.2 | 867.6  | 978.9  | 1013.5 | 1046.1 | 1130.6 | 1151.7 |
| 52.5° | 9983.2 | 9484.1 | 5190.2 | 1879.1 | 1059.6 | 781.2  | 902.1  | 978.9  | 1019.2 | 1090.3 | 1134.4 |
| 55°   | 9969.7 | 9701.0 | 5382.2 | 1771.7 | 913.7  | 729.4  | 836.9  | 927.1  | 984.7  | 1059.6 | 1080.7 |
| 57.5° | 9106.0 | 8574.2 | 4981.0 | 1570.1 | 756.3  | 668.0  | 744.8  | 873.4  | 946.3  | 1023.1 | 1050.0 |
| 60°   | 7439.9 | 6608.7 | 4107.7 | 1155.5 | 621.9  | 614.3  | 692.9  | 856.1  | 886.8  | 953.9  | 1000.0 |
| 62.5° | 6875.5 | 5796.8 | 3257.4 | 883.0  | 531.7  | 562.4  | 639.2  | 773.6  | 821.6  | 904.1  | 946.3  |
| 65°   | 5380.3 | 3850.4 | 2017.4 | 596.9  | 468.4  | 504.9  | 577.8  | 677.6  | 756.3  | 833.0  | 883.0  |
| 67.5° | 3186.3 | 2103.8 | 998.1  | 418.5  | 408.8  | 447.2  | 522.1  | 596.9  | 687.2  | 771.6  | 796.6  |
| 70°   | 1735.2 | 1034.6 | 426.1  | 318.7  | 347.4  | 382.0  | 454.9  | 506.7  | 593.2  | 658.4  | 700.6  |
| 72.5° | 556.7  | 314.8  | 213.0  | 236.1  | 264.9  | 305.2  | 349.4  | 412.7  | 474.1  | 512.5  | 547.1  |
| 75°   | 134.4  | 132.5  | 151.6  | 165.1  | 191.9  | 222.7  | 259.1  | 291.7  | 339.8  | 376.2  | 407.0  |
| 77.5° | 94.0   | 101.8  | 117.1  | 136.2  | 145.9  | 157.4  | 180.4  | 205.4  | 226.5  | 253.4  | 272.6  |
| 80°   | 72.9   | 78.7   | 90.2   | 99.8   | 109.4  | 119.0  | 130.5  | 140.1  | 153.6  | 170.8  | 180.4  |
| 82.5° | 69.1   | 72.9   | 84.4   | 90.2   | 86.4   | 84.4   | 92.2   | 96.0   | 97.9   | 103.6  | 109.4  |
| 85°   | 5.7    | 0.0    | 3.9    | 13.5   | 32.6   | 48.0   | 51.8   | 51.8   | 49.9   | 53.7   | 53.7   |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.9    | 7.7    | 5.7    |
| 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°    | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 |
| 2.5°  | 5190.2 | 5125.0 | 5149.9 | 5180.6 | 5136.5 | 5034.8 | 5061.6 | 5050.1 | 5153.8 | 5146.1 | 5249.8 |
| 5°    | 4351.4 | 4249.7 | 4261.3 | 4411.0 | 4362.9 | 4414.7 | 4311.1 | 4297.7 | 4316.9 | 4326.5 | 4343.8 |
| 7.5°  | 3330.3 | 3316.8 | 3432.0 | 3558.7 | 3618.2 | 3556.8 | 3455.1 | 3432.0 | 3410.9 | 3368.7 | 3464.7 |
| 10°   | 2717.9 | 2721.8 | 2714.2 | 2810.1 | 2877.3 | 2863.9 | 2802.5 | 2794.7 | 2754.4 | 2739.1 | 2792.8 |
| 12.5° | 2426.2 | 2374.4 | 2349.4 | 2318.7 | 2370.5 | 2405.1 | 2378.3 | 2359.0 | 2360.9 | 2380.1 | 2387.9 |
| 15°   | 2144.0 | 2111.4 | 2057.7 | 2023.1 | 2048.1 | 2030.8 | 2021.2 | 2059.6 | 2050.0 | 2046.2 | 2092.2 |
| 17.5° | 1827.3 | 1854.2 | 1850.4 | 1812.0 | 1844.6 | 1831.2 | 1829.3 | 1802.3 | 1765.9 | 1739.0 | 1754.4 |
| 20°   | 1618.1 | 1668.0 | 1706.4 | 1708.3 | 1725.6 | 1723.7 | 1694.9 | 1612.4 | 1585.5 | 1579.7 | 1583.6 |
| 22.5° | 1543.2 | 1570.1 | 1616.2 | 1681.5 | 1681.5 | 1650.7 | 1616.2 | 1520.2 | 1495.3 | 1468.4 | 1456.9 |
| 25°   | 1483.8 | 1535.6 | 1595.0 | 1602.8 | 1633.5 | 1604.7 | 1549.0 | 1501.0 | 1449.2 | 1412.7 | 1412.7 |
| 27.5° | 1453.1 | 1510.6 | 1554.8 | 1568.2 | 1610.4 | 1587.4 | 1529.8 | 1468.4 | 1407.0 | 1405.1 | 1372.4 |
| 30°   | 1439.6 | 1493.4 | 1522.1 | 1554.8 | 1573.9 | 1537.5 | 1520.2 | 1454.9 | 1393.5 | 1378.1 | 1324.4 |
| 32.5° | 1399.3 | 1476.0 | 1529.8 | 1522.1 | 1537.5 | 1522.1 | 1497.1 | 1443.4 | 1374.4 | 1339.8 | 1334.0 |
| 35°   | 1353.3 | 1430.0 | 1487.6 | 1527.9 | 1537.5 | 1504.9 | 1489.5 | 1416.6 | 1322.6 | 1305.2 | 1245.8 |
| 37.5° | 1328.3 | 1374.4 | 1445.3 | 1510.6 | 1524.1 | 1506.8 | 1454.9 | 1380.1 | 1286.1 | 1266.9 | 1215.0 |
| 40°   | 1297.6 | 1357.0 | 1412.7 | 1466.5 | 1506.8 | 1464.5 | 1405.1 | 1332.1 | 1289.9 | 1232.3 | 1216.9 |
| 42.5° | 1274.5 | 1341.7 | 1387.8 | 1447.3 | 1493.4 | 1437.7 | 1368.6 | 1318.7 | 1259.1 | 1220.8 | 1176.6 |
| 44°   | 1266.9 | 1328.3 | 1359.0 | 1431.9 | 1470.3 | 1428.1 | 1370.5 | 1318.7 | 1249.6 | 1215.0 | 1176.6 |
| 45°   | 1240.0 | 1324.4 | 1357.0 | 1422.3 | 1454.9 | 1420.4 | 1347.5 | 1295.6 | 1245.8 | 1203.5 | 1163.2 |
| 47.5° | 1213.1 | 1270.7 | 1326.3 | 1378.1 | 1401.2 | 1389.7 | 1328.3 | 1264.9 | 1205.4 | 1180.5 | 1142.1 |
| 50°   | 1205.4 | 1263.0 | 1314.8 | 1362.8 | 1389.7 | 1366.6 | 1311.0 | 1249.6 | 1180.5 | 1140.1 | 1107.5 |
| 52.5° | 1167.1 | 1238.0 | 1295.6 | 1311.0 | 1345.5 | 1332.1 | 1289.9 | 1222.7 | 1157.5 | 1122.9 | 1096.0 |
| 55°   | 1111.4 | 1186.2 | 1264.9 | 1284.1 | 1334.0 | 1312.9 | 1249.6 | 1186.2 | 1130.6 | 1078.8 | 1044.2 |
| 57.5° | 1090.3 | 1163.2 | 1240.0 | 1264.9 | 1295.6 | 1261.1 | 1245.8 | 1178.6 | 1090.3 | 1063.4 | 1009.6 |
| 60°   | 1036.5 | 1128.6 | 1192.0 | 1249.6 | 1251.5 | 1241.9 | 1215.0 | 1138.2 | 1065.3 | 1015.4 | 977.0  |
| 62.5° | 994.3  | 1080.7 | 1130.6 | 1184.3 | 1216.9 | 1190.1 | 1163.2 | 1092.2 | 1013.5 | 957.8  | 913.7  |
| 65°   | 932.8  | 1011.6 | 1053.8 | 1086.4 | 1122.9 | 1119.0 | 1072.9 | 1021.1 | 938.6  | 894.5  | 852.3  |
| 67.5° | 838.8  | 907.9  | 965.5  | 996.2  | 1019.2 | 1013.5 | 978.9  | 942.4  | 858.0  | 813.8  | 783.1  |
| 70°   | 725.5  | 796.6  | 833.0  | 850.3  | 873.4  | 884.9  | 858.0  | 840.7  | 765.9  | 708.3  | 679.5  |
| 72.5° | 583.5  | 629.6  | 683.3  | 698.7  | 708.3  | 715.9  | 715.9  | 700.6  | 623.9  | 600.8  | 550.9  |
| 75°   | 430.0  | 466.4  | 506.7  | 506.7  | 524.0  | 526.0  | 529.7  | 520.2  | 462.6  | 431.9  | 420.3  |
| 77.5° | 291.7  | 318.7  | 351.3  | 364.7  | 376.2  | 374.3  | 372.4  | 345.5  | 314.8  | 301.3  | 289.8  |
| 80°   | 190.1  | 216.9  | 232.3  | 249.5  | 261.0  | 259.1  | 263.0  | 243.8  | 230.3  | 207.3  | 211.2  |
| 82.5° | 113.3  | 134.4  | 149.7  | 170.8  | 170.8  | 176.6  | 176.6  | 170.8  | 157.4  | 145.9  | 145.9  |
| 85°   | 53.7   | 71.0   | 80.7   | 94.0   | 101.8  | 103.6  | 92.2   | 78.7   | 65.3   | 59.5   | 65.3   |
| 87.5° | 9.6    | 13.5   | 19.2   | 17.2   | 21.1   | 19.2   | 19.2   | 19.2   | 19.2   | 15.4   | 17.2   |
| 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: P652780

CATALOG NUMBER: GLAN-SA3C-840-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 285°   | 295°   | 305°   | 315°   | 325°   | 335°   | 345°   | 355°   | 359°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 | 5864.0 |
| 2.5°  | 5211.3 | 5307.3 | 5374.5 | 5485.8 | 5677.8 | 5831.3 | 5988.8 | 6105.8 | 6119.3 | 6153.8 |
| 5°    | 4407.1 | 4458.9 | 4629.8 | 4852.4 | 5009.8 | 5268.9 | 5436.0 | 5739.2 | 5852.4 | 5973.4 |
| 7.5°  | 3441.6 | 3526.1 | 3754.5 | 3904.2 | 4249.7 | 4574.1 | 4910.0 | 5284.3 | 5434.0 | 5451.3 |
| 10°   | 2902.2 | 3025.1 | 3180.6 | 3420.5 | 3608.6 | 3969.4 | 4387.9 | 4804.5 | 4971.4 | 5000.2 |
| 12.5° | 2549.1 | 2706.4 | 2913.7 | 3086.5 | 3266.9 | 3581.7 | 3982.9 | 4497.3 | 4714.2 | 4844.7 |
| 15°   | 2209.3 | 2372.5 | 2600.9 | 2840.8 | 3000.1 | 3376.4 | 3848.5 | 4428.2 | 4710.4 | 4825.6 |
| 17.5° | 1860.0 | 2011.6 | 2199.7 | 2458.8 | 2779.4 | 3201.7 | 3827.4 | 4658.6 | 4967.6 | 5101.9 |
| 20°   | 1560.6 | 1645.0 | 1863.8 | 2130.6 | 2531.7 | 3023.1 | 3835.1 | 4998.3 | 5451.3 | 5510.8 |
| 22.5° | 1443.4 | 1462.7 | 1549.0 | 1794.7 | 2234.3 | 2840.8 | 3971.4 | 5480.1 | 5994.5 | 6190.3 |
| 25°   | 1353.3 | 1349.4 | 1372.4 | 1537.5 | 2017.4 | 2769.8 | 4105.8 | 5923.5 | 6597.2 | 6810.2 |
| 27.5° | 1303.3 | 1264.9 | 1266.9 | 1422.3 | 1863.8 | 2654.6 | 4278.5 | 6432.1 | 7280.5 | 7374.6 |
| 30°   | 1278.4 | 1270.7 | 1247.6 | 1311.0 | 1696.8 | 2481.9 | 4307.3 | 6933.1 | 7683.6 | 7820.0 |
| 32.5° | 1263.0 | 1188.2 | 1159.4 | 1182.4 | 1539.5 | 2293.7 | 4414.7 | 7263.3 | 8182.7 | 8123.2 |
| 35°   | 1186.2 | 1119.0 | 1099.9 | 1122.9 | 1428.1 | 2188.2 | 4343.8 | 7551.2 | 8557.0 | 8656.8 |
| 37.5° | 1157.5 | 1097.9 | 1059.6 | 1040.3 | 1324.4 | 2099.9 | 4307.3 | 7994.6 | 8919.8 | 9159.8 |
| 40°   | 1130.6 | 1067.2 | 1021.1 | 1002.0 | 1243.8 | 1982.8 | 4295.7 | 8336.2 | 9338.2 | 9482.2 |
| 42.5° | 1099.9 | 1059.6 | 1007.7 | 973.2  | 1145.9 | 1865.8 | 4163.4 | 8441.9 | 9466.8 | 9622.3 |
| 44°   | 1090.3 | 1028.8 | 975.1  | 963.5  | 1107.5 | 1806.2 | 4136.5 | 8537.8 | 9578.1 | 9814.2 |
| 45°   | 1080.7 | 1023.1 | 961.7  | 946.3  | 1094.1 | 1773.6 | 4100.0 | 8560.9 | 9762.4 | 9806.6 |
| 47.5° | 1053.8 | 1017.4 | 957.8  | 915.6  | 1065.3 | 1702.6 | 3990.5 | 8430.4 | 9574.4 | 9582.0 |
| 50°   | 1032.7 | 990.4  | 929.1  | 846.5  | 1026.9 | 1643.1 | 4040.5 | 8382.3 | 9121.3 | 9138.6 |
| 52.5° | 1009.6 | 946.3  | 911.7  | 769.7  | 963.5  | 1593.2 | 4146.0 | 8599.2 | 9173.1 | 9169.3 |
| 55°   | 982.8  | 913.7  | 829.2  | 704.4  | 858.0  | 1529.8 | 4401.4 | 9027.3 | 9653.0 | 9718.3 |
| 57.5° | 940.6  | 881.0  | 760.1  | 646.9  | 737.1  | 1408.9 | 4318.8 | 8207.7 | 8881.4 | 8892.9 |
| 60°   | 884.9  | 829.2  | 689.1  | 602.7  | 604.6  | 1111.4 | 3862.0 | 6395.7 | 7008.0 | 7175.0 |
| 62.5° | 831.2  | 800.4  | 629.6  | 539.3  | 514.4  | 884.9  | 3265.0 | 5315.0 | 6015.6 | 6153.8 |
| 65°   | 767.7  | 692.9  | 577.8  | 491.4  | 441.4  | 620.0  | 2313.0 | 3971.4 | 4693.1 | 4879.3 |
| 67.5° | 687.2  | 606.5  | 508.6  | 431.9  | 378.1  | 414.6  | 1193.9 | 2257.3 | 2988.6 | 3098.0 |
| 70°   | 600.8  | 526.0  | 428.1  | 364.7  | 305.2  | 286.0  | 526.0  | 1076.8 | 1633.5 | 1746.8 |
| 72.5° | 493.3  | 424.2  | 341.7  | 288.0  | 228.4  | 197.7  | 176.6  | 288.0  | 579.7  | 673.7  |
| 75°   | 357.0  | 309.1  | 257.2  | 205.4  | 161.2  | 126.7  | 103.6  | 86.4   | 96.0   | 103.6  |
| 77.5° | 263.0  | 224.5  | 190.1  | 145.9  | 113.3  | 90.2   | 71.0   | 53.7   | 51.8   | 49.9   |
| 80°   | 205.4  | 182.3  | 151.6  | 117.1  | 88.3   | 67.2   | 49.9   | 36.5   | 32.6   | 32.6   |
| 82.5° | 161.2  | 149.7  | 124.8  | 96.0   | 72.9   | 53.7   | 36.5   | 25.0   | 21.1   | 21.1   |
| 85°   | 61.4   | 61.4   | 90.2   | 78.7   | 55.7   | 38.3   | 25.0   | 13.5   | 11.5   | 11.5   |
| 87.5° | 15.4   | 15.4   | 15.4   | 15.4   | 13.5   | 11.5   | 11.5   | 5.7    | 3.9    | 3.9    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)