

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: P529692

Luminaire Tested: **GLAN-SA4D-760-U-SLL-GRSWH**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P529692  
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-SA4D-760-U-SLL-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(4) 70 CRI, 5700K, 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: 22792 lumens  
Efficiency: N/A  
Efficacy: 93.0 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type II - Short  
BUG Rating: B3 - U0 - G3

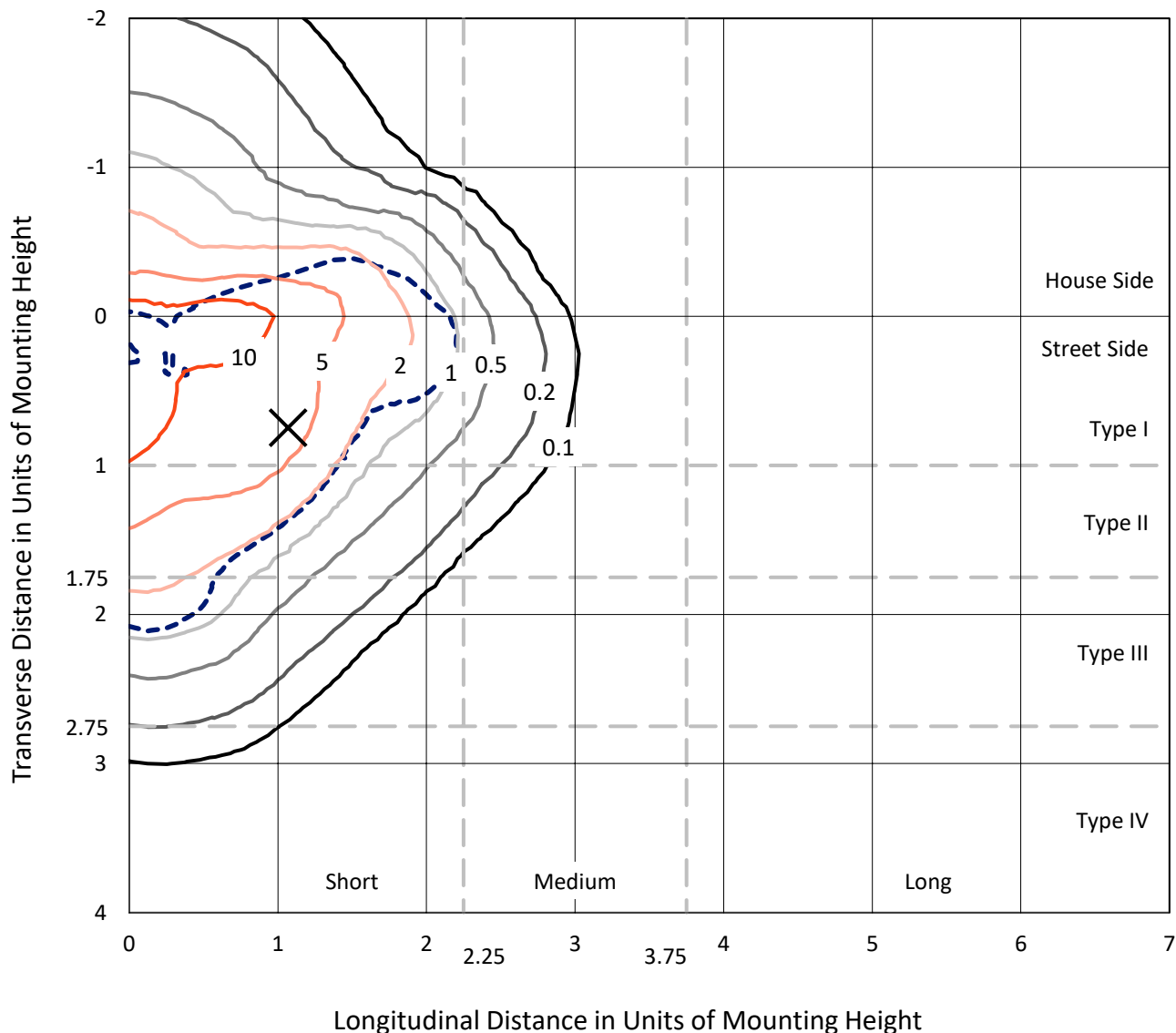
Input Watts (W): 245  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

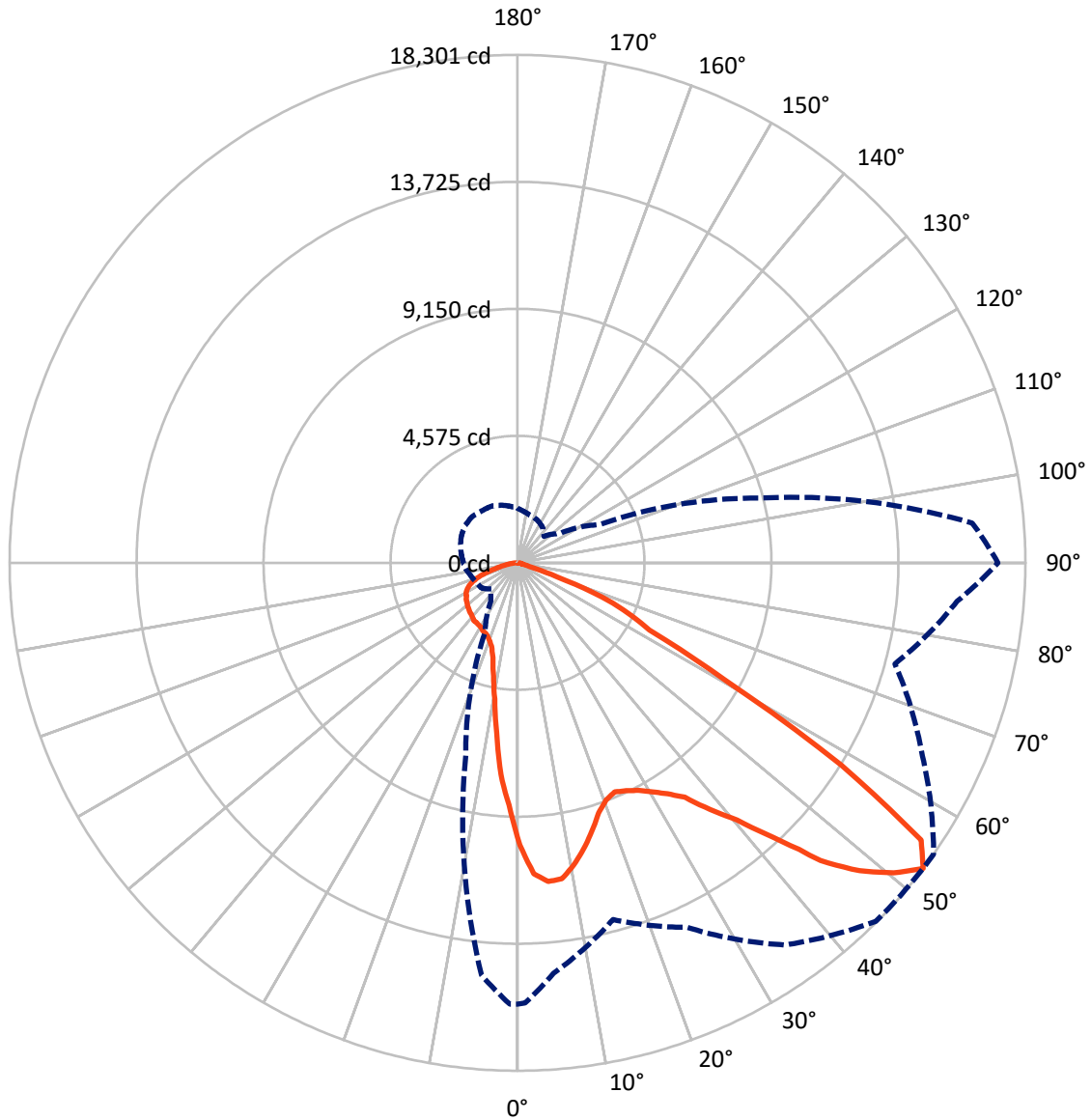
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 17.3 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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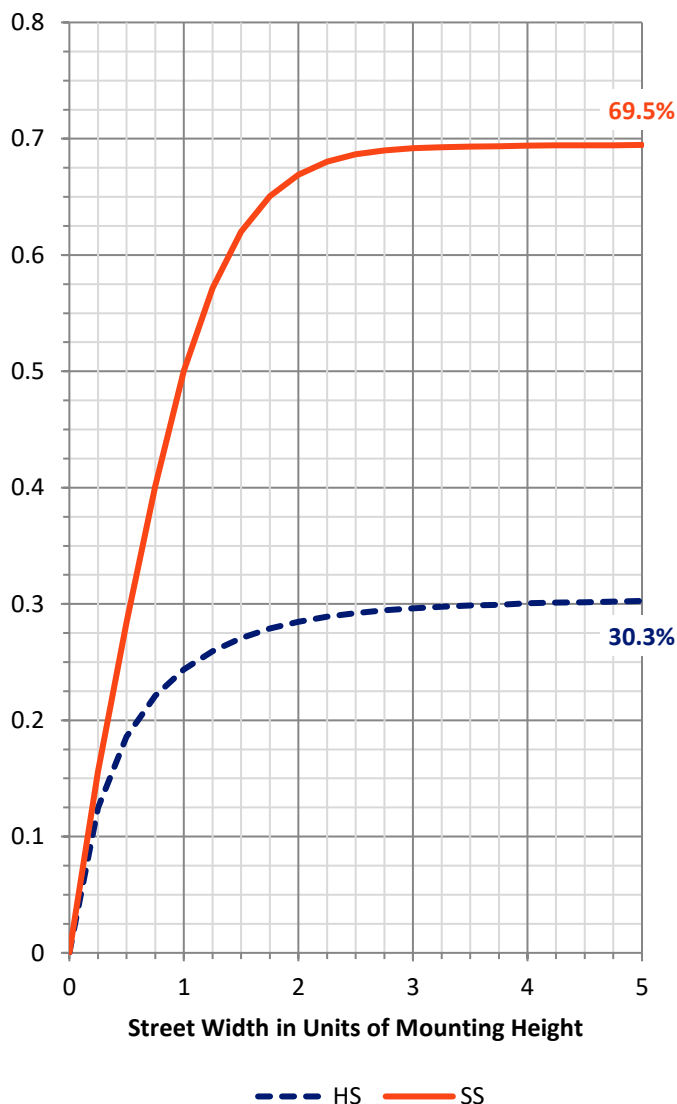
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 6952.8   | 0.0    | 6952.8  |
|                    | % Fixture | 30.5     | 0.0    | 30.5    |
| <b>Street Side</b> | Lumens    | 15839.2  | 0.0    | 15839.2 |
|                    | % Fixture | 69.5     | 0.0    | 69.5    |
| <b>Total</b>       | Lumens    | 22792.0  | 0.0    | 22792.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 776.7   | 3.4       |
| 10°-20°   | 1674.7  | 7.3       |
| 20°-30°   | 2539.5  | 11.1      |
| 30°-40°   | 3669.1  | 16.1      |
| 40°-50°   | 4903.0  | 21.5      |
| 50°-60°   | 5472.8  | 24.0      |
| 60°-70°   | 3002.1  | 13.2      |
| 70°-80°   | 649.0   | 2.8       |
| 80°-90°   | 105.0   | 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°    | 22792.0 | 100.0     |
| 0°-180°   | 22792.0 | 100.0     |

**Coefficient of Utilization**



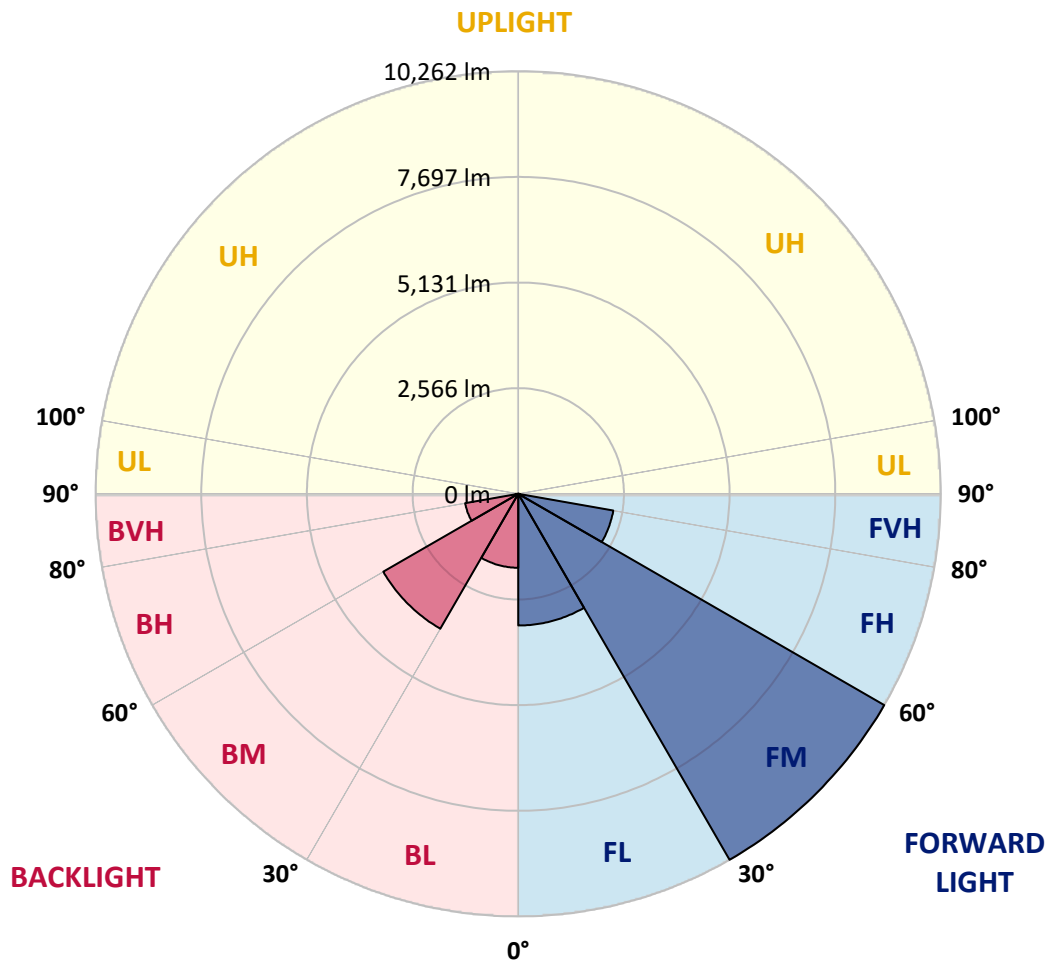
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|---------|-----------|-------------------------|------|---------|
|                |         |           | B                       | U    | G       |
| FL (0°-30°)    | 3195.9  | 14.0      |                         |      |         |
| FM (30°-60°)   | 10262.0 | 45.0      |                         |      |         |
| FH (60°-80°)   | 2342.4  | 10.3      |                         |      | G2/5000 |
| FVH (80°-90°)  | 38.9    | 0.2       |                         |      | G1/100  |
| BL (0°-30°)    | 1795.1  | 7.9       | B3/2500                 |      |         |
| BM (30°-60°)   | 3782.9  | 16.6      | B3/5000                 |      |         |
| BH (60°-80°)   | 1308.7  | 5.7       | B3/2500                 |      | G3/2500 |
| BVH (80°-90°)  | 66.1    | 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-G3**

Type II Short





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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°     | 25°     | 35°     | 45°     | 55°     | 65°     | 75°     | 85°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 |
| 2.5°  | 10669.5 | 10609.6 | 10662.9 | 10915.8 | 11062.2 | 11162.1 | 11225.3 | 11215.3 | 10975.7 | 10742.7 | 10742.7 |
| 5°    | 10356.7 | 10280.1 | 10390.0 | 10962.4 | 11538.1 | 11588.0 | 11671.2 | 11534.8 | 11182.0 | 10756.0 | 10223.6 |
| 7.5°  | 9451.5  | 9508.1  | 9691.1  | 10443.2 | 11192.0 | 11568.1 | 11667.9 | 11494.9 | 10922.4 | 10127.1 | 9345.0  |
| 10°   | 8669.4  | 8802.5  | 9225.2  | 10037.2 | 10726.1 | 11215.3 | 11325.1 | 11082.2 | 10629.6 | 9654.5  | 8955.6  |
| 12.5° | 8399.8  | 8316.6  | 8785.9  | 9597.9  | 10256.9 | 10519.8 | 10569.7 | 10586.3 | 10280.1 | 9414.9  | 8562.9  |
| 15°   | 8366.6  | 8419.8  | 8785.9  | 9401.6  | 9807.6  | 9820.9  | 9904.1  | 10033.9 | 10073.8 | 9577.9  | 8745.9  |
| 17.5° | 8845.8  | 8782.6  | 9158.6  | 9647.8  | 9454.8  | 9261.8  | 9281.8  | 9468.1  | 9797.6  | 9717.7  | 9321.7  |
| 20°   | 9554.6  | 9697.7  | 9993.9  | 9944.0  | 9424.9  | 8935.6  | 8939.0  | 9115.4  | 9764.3  | 10296.8 | 10123.7 |
| 22.5° | 10732.8 | 10872.5 | 11092.2 | 10489.8 | 9424.9  | 8839.1  | 8726.0  | 8965.6  | 9977.3  | 10985.7 | 11028.9 |
| 25°   | 11807.7 | 12063.9 | 12123.9 | 11415.0 | 9897.4  | 8929.0  | 8855.8  | 9092.1  | 10190.3 | 11657.9 | 12067.3 |
| 27.5° | 12786.1 | 12879.3 | 13142.2 | 12010.7 | 10160.3 | 8988.9  | 8982.2  | 9285.1  | 10459.9 | 11994.1 | 12995.8 |
| 30°   | 13558.2 | 13548.2 | 13698.0 | 12386.8 | 10579.7 | 9325.0  | 9002.2  | 9574.6  | 10812.6 | 12549.8 | 13854.4 |
| 32.5° | 14084.0 | 14197.2 | 14513.3 | 12909.3 | 10756.0 | 9644.5  | 9391.6  | 9914.1  | 11241.9 | 12812.7 | 14460.1 |
| 35°   | 15009.2 | 15205.6 | 14806.2 | 13198.8 | 11315.1 | 9960.7  | 9664.5  | 10376.7 | 11454.9 | 13099.0 | 15202.2 |
| 37.5° | 15881.1 | 15731.4 | 15325.4 | 13355.2 | 11677.9 | 10546.4 | 10270.2 | 11271.9 | 12117.2 | 13721.3 | 15694.8 |
| 40°   | 16440.2 | 16436.9 | 15714.7 | 13481.7 | 11934.2 | 11441.6 | 11425.0 | 12180.4 | 12929.2 | 14114.0 | 16247.2 |
| 42.5° | 16683.2 | 16916.1 | 15874.5 | 13468.4 | 12473.3 | 12526.5 | 12862.7 | 13538.2 | 13505.0 | 14193.9 | 16233.9 |
| 44°   | 17016.0 | 17155.8 | 16150.7 | 13498.3 | 12832.7 | 13258.7 | 14050.8 | 14480.1 | 14007.5 | 14150.6 | 16217.3 |
| 45°   | 17002.7 | 17012.7 | 15758.0 | 13538.2 | 13138.9 | 13871.0 | 14579.9 | 15305.4 | 14450.1 | 14057.4 | 16436.9 |
| 47.5° | 16613.3 | 16500.2 | 15425.2 | 13242.1 | 14094.0 | 15488.4 | 16144.1 | 16583.4 | 14995.9 | 13857.7 | 16164.0 |
| 50°   | 15844.5 | 15714.7 | 14616.5 | 13115.6 | 14293.7 | 16493.5 | 17398.7 | 17558.5 | 15491.8 | 13661.4 | 15894.5 |
| 52.5° | 15897.8 | 15861.2 | 14846.1 | 13305.3 | 14493.4 | 16809.7 | 18260.7 | 18300.6 | 16054.2 | 14074.0 | 15897.8 |
| 55°   | 16849.6 | 16723.1 | 15505.1 | 13541.6 | 14346.9 | 16440.2 | 17711.5 | 17641.7 | 15864.5 | 13824.5 | 16190.6 |
| 57.5° | 15418.6 | 15501.8 | 14593.2 | 12606.4 | 12556.5 | 13365.2 | 13924.3 | 13751.2 | 13238.7 | 12476.6 | 15062.5 |
| 60°   | 12440.0 | 12676.3 | 12762.8 | 10543.1 | 9474.8  | 9058.8  | 8892.4  | 8586.2  | 8672.7  | 10250.2 | 13232.1 |
| 62.5° | 10669.5 | 10656.2 | 11198.7 | 9558.0  | 6206.7  | 5338.1  | 5258.2  | 5328.1  | 6326.5  | 10090.5 | 12959.2 |
| 65°   | 8459.7  | 8686.0  | 8852.4  | 8100.3  | 4912.1  | 3963.6  | 3960.3  | 4402.9  | 5474.5  | 8433.1  | 10463.2 |
| 67.5° | 5371.4  | 5667.6  | 5873.9  | 5181.7  | 3284.7  | 2822.1  | 2745.6  | 3278.1  | 3793.9  | 5531.1  | 6299.9  |
| 70°   | 3028.5  | 3168.2  | 3261.4  | 2988.5  | 2090.0  | 1464.3  | 1377.8  | 1504.2  | 2293.0  | 3580.9  | 3734.0  |
| 72.5° | 1168.1  | 1231.4  | 1357.8  | 1367.8  | 788.7   | 472.6   | 382.7   | 459.3   | 965.1   | 1417.7  | 1351.2  |
| 75°   | 179.7   | 193.0   | 272.9   | 326.1   | 226.3   | 173.1   | 183.0   | 189.7   | 269.6   | 366.1   | 306.2   |
| 77.5° | 86.5    | 86.5    | 83.2    | 96.5    | 113.2   | 123.1   | 133.1   | 146.4   | 159.7   | 176.4   | 169.7   |
| 80°   | 56.6    | 56.6    | 56.6    | 66.6    | 83.2    | 99.8    | 113.2   | 119.8   | 126.5   | 139.8   | 133.1   |
| 82.5° | 36.6    | 36.6    | 36.6    | 49.9    | 66.6    | 83.2    | 89.9    | 106.5   | 119.8   | 139.8   | 129.8   |
| 85°   | 20.0    | 20.0    | 20.0    | 33.3    | 49.9    | 69.9    | 66.6    | 53.2    | 30.0    | 3.3     | 6.7     |
| 87.5° | 6.7     | 6.7     | 6.7     | 6.7     | 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°    | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 |
| 2.5°  | 10463.2 | 10310.1 | 10296.8 | 9984.0  | 9704.4  | 9568.0  | 9458.1  | 9152.0  | 9218.5  | 9042.1  | 9038.8  |
| 5°    | 9957.3  | 9644.5  | 9138.6  | 8722.6  | 8306.7  | 8223.5  | 7860.7  | 7544.5  | 7554.5  | 7328.2  | 7368.2  |
| 7.5°  | 9048.8  | 8832.5  | 8216.8  | 7564.5  | 7012.1  | 6619.4  | 6276.6  | 6070.2  | 5807.3  | 5717.5  | 5670.9  |
| 10°   | 8473.1  | 8206.8  | 7514.6  | 6695.9  | 6076.9  | 5867.2  | 5537.8  | 5354.7  | 5085.2  | 4952.0  | 4858.9  |
| 12.5° | 8220.1  | 7830.7  | 6965.5  | 6133.5  | 5720.8  | 5504.5  | 5224.9  | 4892.1  | 4572.7  | 4449.5  | 4279.8  |
| 15°   | 8246.7  | 7780.8  | 6805.7  | 5907.2  | 5411.3  | 4992.0  | 4742.4  | 4373.0  | 4046.8  | 3830.5  | 3707.4  |
| 17.5° | 8649.4  | 8083.7  | 6878.9  | 5734.1  | 5021.9  | 4496.1  | 4006.9  | 3607.5  | 3348.0  | 3184.9  | 3144.9  |
| 20°   | 9601.2  | 8832.5  | 7002.1  | 5454.6  | 4632.6  | 3976.9  | 3374.6  | 2958.6  | 2758.9  | 2755.6  | 2758.9  |
| 22.5° | 10393.3 | 9631.2  | 7251.7  | 5288.2  | 4243.2  | 3311.3  | 2712.3  | 2579.2  | 2539.3  | 2622.5  | 2632.4  |
| 25°   | 11461.6 | 10529.7 | 7681.0  | 5201.6  | 3883.8  | 2822.1  | 2452.7  | 2402.8  | 2399.5  | 2506.0  | 2509.3  |
| 27.5° | 12556.5 | 11315.1 | 7937.2  | 4948.7  | 3517.7  | 2569.2  | 2296.3  | 2286.3  | 2339.6  | 2452.7  | 2442.7  |
| 30°   | 13302.0 | 11974.1 | 8399.8  | 4645.9  | 3085.0  | 2346.2  | 2233.1  | 2246.4  | 2319.6  | 2406.1  | 2419.4  |
| 32.5° | 14170.6 | 12623.0 | 8519.6  | 4479.5  | 2818.8  | 2159.9  | 2080.0  | 2109.9  | 2203.1  | 2339.6  | 2412.8  |
| 35°   | 15165.6 | 13082.3 | 8702.7  | 4253.2  | 2719.0  | 2016.8  | 1976.8  | 2010.1  | 2123.3  | 2213.1  | 2293.0  |
| 37.5° | 15901.1 | 13894.3 | 8736.0  | 4076.8  | 2609.1  | 1936.9  | 1873.7  | 1983.5  | 2050.0  | 2176.5  | 2216.4  |
| 40°   | 16446.9 | 14483.4 | 8822.5  | 3967.0  | 2522.6  | 1833.7  | 1833.7  | 1906.9  | 1996.8  | 2113.3  | 2193.1  |
| 42.5° | 16796.3 | 14912.7 | 8885.7  | 3867.1  | 2356.2  | 1803.8  | 1787.1  | 1860.3  | 1980.2  | 2093.3  | 2129.9  |
| 44°   | 17009.3 | 15095.7 | 8822.5  | 3773.9  | 2309.6  | 1767.2  | 1767.2  | 1830.4  | 1923.6  | 2056.7  | 2100.0  |
| 45°   | 17062.6 | 15325.4 | 8682.7  | 3770.6  | 2253.0  | 1723.9  | 1717.2  | 1837.0  | 1900.3  | 2063.4  | 2090.0  |
| 47.5° | 17268.9 | 15608.3 | 8699.4  | 3664.1  | 2116.6  | 1620.7  | 1737.2  | 1790.5  | 1847.0  | 1990.1  | 2080.0  |
| 50°   | 17262.3 | 15784.6 | 8662.7  | 3507.7  | 2016.8  | 1504.2  | 1697.3  | 1757.2  | 1813.8  | 1960.2  | 1996.8  |
| 52.5° | 17308.9 | 16443.6 | 8998.9  | 3258.1  | 1837.0  | 1354.5  | 1564.2  | 1697.3  | 1767.2  | 1890.3  | 1966.8  |
| 55°   | 17285.6 | 16819.6 | 9331.7  | 3071.7  | 1584.1  | 1264.6  | 1451.0  | 1607.4  | 1707.3  | 1837.0  | 1873.7  |
| 57.5° | 15788.0 | 14866.1 | 8636.1  | 2722.3  | 1311.2  | 1158.1  | 1291.3  | 1514.2  | 1640.7  | 1773.8  | 1820.4  |
| 60°   | 12899.3 | 11458.3 | 7121.9  | 2003.4  | 1078.3  | 1065.0  | 1201.4  | 1484.3  | 1537.5  | 1654.0  | 1733.9  |
| 62.5° | 11920.8 | 10050.5 | 5647.6  | 1530.9  | 921.9   | 975.1   | 1108.2  | 1341.2  | 1424.4  | 1567.5  | 1640.7  |
| 65°   | 9328.3  | 6675.9  | 3497.7  | 1035.0  | 812.0   | 875.3   | 1001.7  | 1174.8  | 1311.2  | 1444.3  | 1530.9  |
| 67.5° | 5524.5  | 3647.5  | 1730.6  | 725.5   | 708.9   | 775.4   | 905.2   | 1035.0  | 1191.4  | 1337.9  | 1381.1  |
| 70°   | 3008.5  | 1793.8  | 738.8   | 552.4   | 602.4   | 662.3   | 788.7   | 878.6   | 1028.3  | 1141.5  | 1214.7  |
| 72.5° | 965.1   | 545.8   | 369.4   | 409.3   | 459.3   | 529.1   | 605.7   | 715.5   | 822.0   | 888.6   | 948.5   |
| 75°   | 233.0   | 229.6   | 262.9   | 286.2   | 332.8   | 386.0   | 449.3   | 505.9   | 589.1   | 652.3   | 705.5   |
| 77.5° | 163.1   | 176.4   | 203.0   | 236.3   | 252.9   | 272.9   | 312.8   | 356.1   | 392.7   | 439.3   | 472.6   |
| 80°   | 126.5   | 136.4   | 156.4   | 173.1   | 189.7   | 206.3   | 226.3   | 242.9   | 266.2   | 296.2   | 312.8   |
| 82.5° | 119.8   | 126.5   | 146.4   | 156.4   | 149.8   | 146.4   | 159.7   | 166.4   | 169.7   | 179.7   | 189.7   |
| 85°   | 10.0    | 0.0     | 6.7     | 23.3    | 56.6    | 83.2    | 89.9    | 89.9    | 86.5    | 93.2    | 93.2    |
| 87.5° | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 3.3     | 13.3    | 10.0    |
| 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°    | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 |
| 2.5°  | 8998.9  | 8885.7  | 8929.0  | 8982.2  | 8905.7  | 8729.3  | 8775.9  | 8755.9  | 8935.6  | 8922.3  | 9102.0  |
| 5°    | 7544.5  | 7368.2  | 7388.1  | 7647.7  | 7564.5  | 7654.4  | 7474.7  | 7451.4  | 7484.6  | 7501.3  | 7531.2  |
| 7.5°  | 5774.1  | 5750.8  | 5950.4  | 6170.1  | 6273.3  | 6166.8  | 5990.4  | 5950.4  | 5913.8  | 5840.6  | 6007.0  |
| 10°   | 4712.4  | 4719.1  | 4705.8  | 4872.2  | 4988.6  | 4965.4  | 4858.9  | 4845.5  | 4775.7  | 4749.0  | 4842.2  |
| 12.5° | 4206.6  | 4116.7  | 4073.5  | 4020.2  | 4110.1  | 4170.0  | 4123.4  | 4090.1  | 4093.4  | 4126.7  | 4140.0  |
| 15°   | 3717.4  | 3660.8  | 3567.6  | 3507.7  | 3551.0  | 3521.0  | 3504.4  | 3570.9  | 3554.3  | 3547.6  | 3627.5  |
| 17.5° | 3168.2  | 3214.8  | 3208.2  | 3141.6  | 3198.2  | 3174.9  | 3171.6  | 3125.0  | 3061.7  | 3015.2  | 3041.8  |
| 20°   | 2805.5  | 2892.0  | 2958.6  | 2961.9  | 2991.9  | 2988.5  | 2938.6  | 2795.5  | 2748.9  | 2738.9  | 2745.6  |
| 22.5° | 2675.7  | 2722.3  | 2802.2  | 2915.3  | 2915.3  | 2862.1  | 2802.2  | 2635.8  | 2592.5  | 2545.9  | 2525.9  |
| 25°   | 2572.5  | 2662.4  | 2765.6  | 2778.9  | 2832.1  | 2782.2  | 2685.7  | 2602.5  | 2512.6  | 2449.4  | 2449.4  |
| 27.5° | 2519.3  | 2619.1  | 2695.7  | 2719.0  | 2792.2  | 2752.2  | 2652.4  | 2545.9  | 2439.4  | 2436.1  | 2379.5  |
| 30°   | 2496.0  | 2589.2  | 2639.1  | 2695.7  | 2728.9  | 2665.7  | 2635.8  | 2522.6  | 2416.1  | 2389.5  | 2296.3  |
| 32.5° | 2426.1  | 2559.2  | 2652.4  | 2639.1  | 2665.7  | 2639.1  | 2595.8  | 2502.6  | 2382.8  | 2322.9  | 2312.9  |
| 35°   | 2346.2  | 2479.3  | 2579.2  | 2649.1  | 2665.7  | 2609.1  | 2582.5  | 2456.1  | 2293.0  | 2263.0  | 2159.9  |
| 37.5° | 2303.0  | 2382.8  | 2506.0  | 2619.1  | 2642.4  | 2612.5  | 2522.6  | 2392.8  | 2229.8  | 2196.5  | 2106.6  |
| 40°   | 2249.7  | 2352.9  | 2449.4  | 2542.6  | 2612.5  | 2539.3  | 2436.1  | 2309.6  | 2236.4  | 2136.6  | 2109.9  |
| 42.5° | 2209.8  | 2326.3  | 2406.1  | 2509.3  | 2589.2  | 2492.7  | 2372.9  | 2286.3  | 2183.2  | 2116.6  | 2040.1  |
| 44°   | 2196.5  | 2303.0  | 2356.2  | 2482.7  | 2549.2  | 2476.0  | 2376.2  | 2286.3  | 2166.5  | 2106.6  | 2040.1  |
| 45°   | 2149.9  | 2296.3  | 2352.9  | 2466.0  | 2522.6  | 2462.7  | 2336.2  | 2246.4  | 2159.9  | 2086.6  | 2016.8  |
| 47.5° | 2103.3  | 2203.1  | 2299.6  | 2389.5  | 2429.4  | 2409.5  | 2303.0  | 2193.1  | 2090.0  | 2046.7  | 1980.2  |
| 50°   | 2090.0  | 2189.8  | 2279.7  | 2362.9  | 2409.5  | 2369.5  | 2273.0  | 2166.5  | 2046.7  | 1976.8  | 1920.2  |
| 52.5° | 2023.4  | 2146.6  | 2246.4  | 2273.0  | 2332.9  | 2309.6  | 2236.4  | 2119.9  | 2006.8  | 1946.9  | 1900.3  |
| 55°   | 1926.9  | 2056.7  | 2193.1  | 2226.4  | 2312.9  | 2276.3  | 2166.5  | 2056.7  | 1960.2  | 1870.3  | 1810.4  |
| 57.5° | 1890.3  | 2016.8  | 2149.9  | 2193.1  | 2246.4  | 2186.5  | 2159.9  | 2043.4  | 1890.3  | 1843.7  | 1750.5  |
| 60°   | 1797.1  | 1956.9  | 2066.7  | 2166.5  | 2169.8  | 2153.2  | 2106.6  | 1973.5  | 1847.0  | 1760.5  | 1693.9  |
| 62.5° | 1723.9  | 1873.7  | 1960.2  | 2053.4  | 2109.9  | 2063.4  | 2016.8  | 1893.6  | 1757.2  | 1660.7  | 1584.1  |
| 65°   | 1617.4  | 1753.8  | 1827.1  | 1883.6  | 1946.9  | 1940.2  | 1860.3  | 1770.5  | 1627.4  | 1550.8  | 1477.6  |
| 67.5° | 1454.3  | 1574.1  | 1674.0  | 1727.2  | 1767.2  | 1757.2  | 1697.3  | 1634.0  | 1487.6  | 1411.1  | 1357.8  |
| 70°   | 1258.0  | 1381.1  | 1444.3  | 1474.3  | 1514.2  | 1534.2  | 1487.6  | 1457.7  | 1327.9  | 1228.0  | 1178.1  |
| 72.5° | 1011.7  | 1091.6  | 1184.8  | 1211.4  | 1228.0  | 1241.3  | 1241.3  | 1214.7  | 1081.6  | 1041.7  | 955.1   |
| 75°   | 745.5   | 808.7   | 878.6   | 878.6   | 908.5   | 911.9   | 918.5   | 901.9   | 802.0   | 748.8   | 728.8   |
| 77.5° | 505.9   | 552.4   | 609.0   | 632.3   | 652.3   | 649.0   | 645.6   | 599.0   | 545.8   | 522.5   | 502.5   |
| 80°   | 329.5   | 376.1   | 402.7   | 432.6   | 452.6   | 449.3   | 455.9   | 422.7   | 399.4   | 359.4   | 366.1   |
| 82.5° | 196.4   | 233.0   | 259.6   | 296.2   | 296.2   | 306.2   | 306.2   | 296.2   | 272.9   | 252.9   | 252.9   |
| 85°   | 93.2    | 123.1   | 139.8   | 163.1   | 176.4   | 179.7   | 159.7   | 136.4   | 113.2   | 103.2   | 113.2   |
| 87.5° | 16.6    | 23.3    | 33.3    | 30.0    | 36.6    | 33.3    | 33.3    | 33.3    | 33.3    | 26.6    | 30.0    |
| 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: P529692

CATALOG NUMBER: GLAN-SA4D-760-U-SLL-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 | 10167.0 |
| 2.5°  | 9035.5  | 9201.9  | 9318.4  | 9511.4  | 9844.2  | 10110.4 | 10383.3 | 10586.3 | 10609.6 | 10669.5 |
| 5°    | 7641.1  | 7730.9  | 8027.1  | 8413.1  | 8686.0  | 9135.3  | 9424.9  | 9950.7  | 10147.0 | 10356.7 |
| 7.5°  | 5967.1  | 6113.5  | 6509.5  | 6769.1  | 7368.2  | 7930.6  | 8513.0  | 9161.9  | 9421.5  | 9451.5  |
| 10°   | 5031.9  | 5244.9  | 5514.5  | 5930.5  | 6256.6  | 6882.3  | 7607.8  | 8329.9  | 8619.5  | 8669.4  |
| 12.5° | 4419.6  | 4692.5  | 5051.9  | 5351.4  | 5664.2  | 6210.0  | 6905.6  | 7797.5  | 8173.5  | 8399.8  |
| 15°   | 3830.5  | 4113.4  | 4509.4  | 4925.4  | 5201.6  | 5853.9  | 6672.6  | 7677.7  | 8166.9  | 8366.6  |
| 17.5° | 3224.8  | 3487.7  | 3813.9  | 4263.1  | 4818.9  | 5551.1  | 6636.0  | 8077.0  | 8612.8  | 8845.8  |
| 20°   | 2705.7  | 2852.1  | 3231.5  | 3694.1  | 4389.6  | 5241.6  | 6649.3  | 8666.1  | 9451.5  | 9554.6  |
| 22.5° | 2502.6  | 2535.9  | 2685.7  | 3111.7  | 3873.8  | 4925.4  | 6885.6  | 9501.4  | 10393.3 | 10732.8 |
| 25°   | 2346.2  | 2339.6  | 2379.5  | 2665.7  | 3497.7  | 4802.3  | 7118.6  | 10270.2 | 11438.3 | 11807.7 |
| 27.5° | 2259.7  | 2193.1  | 2196.5  | 2466.0  | 3231.5  | 4602.6  | 7418.1  | 11152.1 | 12623.0 | 12786.1 |
| 30°   | 2216.4  | 2203.1  | 2163.2  | 2273.0  | 2941.9  | 4303.1  | 7468.0  | 12020.7 | 13321.9 | 13558.2 |
| 32.5° | 2189.8  | 2060.0  | 2010.1  | 2050.0  | 2669.0  | 3976.9  | 7654.4  | 12593.1 | 14187.2 | 14084.0 |
| 35°   | 2056.7  | 1940.2  | 1906.9  | 1946.9  | 2476.0  | 3793.9  | 7531.2  | 13092.3 | 14836.2 | 15009.2 |
| 37.5° | 2006.8  | 1903.6  | 1837.0  | 1803.8  | 2296.3  | 3640.8  | 7468.0  | 13861.1 | 15465.1 | 15881.1 |
| 40°   | 1960.2  | 1850.4  | 1770.5  | 1737.2  | 2156.5  | 3437.8  | 7448.0  | 14453.4 | 16190.6 | 16440.2 |
| 42.5° | 1906.9  | 1837.0  | 1747.2  | 1687.3  | 1986.8  | 3234.8  | 7218.4  | 14636.5 | 16413.6 | 16683.2 |
| 44°   | 1890.3  | 1783.8  | 1690.6  | 1670.6  | 1920.2  | 3131.6  | 7171.8  | 14802.9 | 16606.6 | 17016.0 |
| 45°   | 1873.7  | 1773.8  | 1667.3  | 1640.7  | 1897.0  | 3075.1  | 7108.6  | 14842.8 | 16926.1 | 17002.7 |
| 47.5° | 1827.1  | 1763.8  | 1660.7  | 1587.4  | 1847.0  | 2951.9  | 6918.9  | 14616.5 | 16600.0 | 16613.3 |
| 50°   | 1790.5  | 1717.2  | 1610.7  | 1467.6  | 1780.5  | 2848.8  | 7005.4  | 14533.3 | 15814.6 | 15844.5 |
| 52.5° | 1750.5  | 1640.7  | 1580.8  | 1334.5  | 1670.6  | 2762.2  | 7188.4  | 14909.4 | 15904.4 | 15897.8 |
| 55°   | 1703.9  | 1584.1  | 1437.7  | 1221.4  | 1487.6  | 2652.4  | 7631.1  | 15651.5 | 16736.4 | 16849.6 |
| 57.5° | 1630.7  | 1527.5  | 1317.9  | 1121.5  | 1277.9  | 2442.7  | 7488.0  | 14230.5 | 15398.6 | 15418.6 |
| 60°   | 1534.2  | 1437.7  | 1194.7  | 1045.0  | 1048.3  | 1926.9  | 6695.9  | 11088.8 | 12150.5 | 12440.0 |
| 62.5° | 1441.0  | 1387.8  | 1091.6  | 935.2   | 891.9   | 1534.2  | 5660.9  | 9215.2  | 10429.9 | 10669.5 |
| 65°   | 1331.2  | 1201.4  | 1001.7  | 852.0   | 765.4   | 1074.9  | 4010.2  | 6885.6  | 8136.9  | 8459.7  |
| 67.5° | 1191.4  | 1051.6  | 881.9   | 748.8   | 655.6   | 718.8   | 2070.0  | 3913.7  | 5181.7  | 5371.4  |
| 70°   | 1041.7  | 911.9   | 742.1   | 632.3   | 529.1   | 495.9   | 911.9   | 1867.0  | 2832.1  | 3028.5  |
| 72.5° | 855.3   | 735.5   | 592.4   | 499.2   | 396.0   | 342.8   | 306.2   | 499.2   | 1005.1  | 1168.1  |
| 75°   | 619.0   | 535.8   | 446.0   | 356.1   | 279.6   | 219.6   | 179.7   | 149.8   | 166.4   | 179.7   |
| 77.5° | 455.9   | 389.4   | 329.5   | 252.9   | 196.4   | 156.4   | 123.1   | 93.2    | 89.9    | 86.5    |
| 80°   | 356.1   | 316.2   | 262.9   | 203.0   | 153.1   | 116.5   | 86.5    | 63.2    | 56.6    | 56.6    |
| 82.5° | 279.6   | 259.6   | 216.3   | 166.4   | 126.5   | 93.2    | 63.2    | 43.3    | 36.6    | 36.6    |
| 85°   | 106.5   | 106.5   | 156.4   | 136.4   | 96.5    | 66.6    | 43.3    | 23.3    | 20.0    | 20.0    |
| 87.5° | 26.6    | 26.6    | 26.6    | 26.6    | 23.3    | 20.0    | 20.0    | 10.0    | 6.7     | 6.7     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)