

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: P529174

Luminaire Tested: **GLAN-SA4B-740-U-SLR-GRSWH**

Issue Date: 5/27/2021

### Test Information

Test Method: LM-79-08  
Report Number: P529174  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-26)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA4B-740-U-SLR-GRSWH  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(4) 70 CRI, 4000K, 800mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH WHITE GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

### Summary

Lumens per Lamp: N/A  
Luminaire Lumens: 16764 lumens  
Efficiency: N/A  
Efficacy: 102.2 lumens/watt  
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G2

Input Watts (W): 164  
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



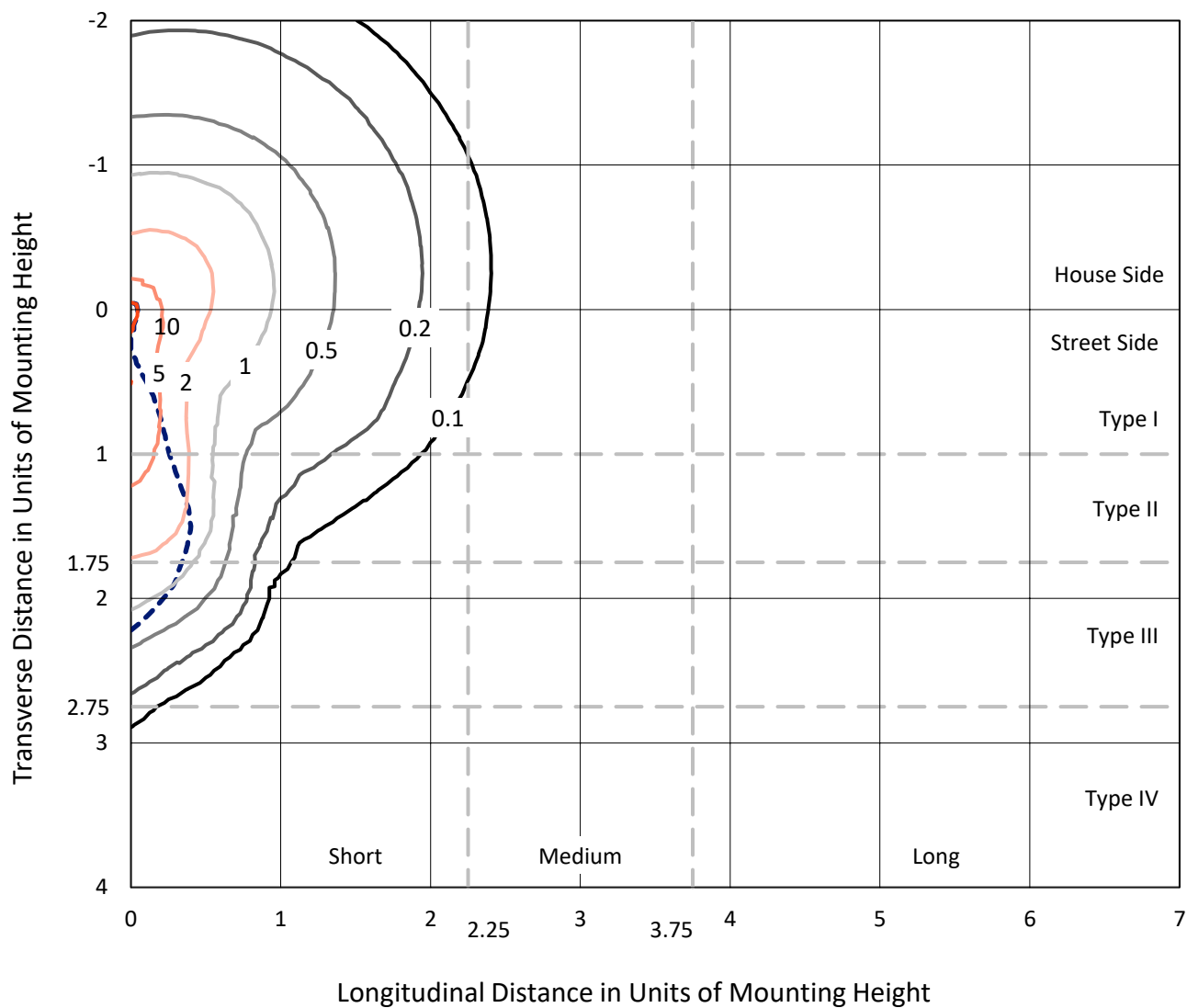
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## Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

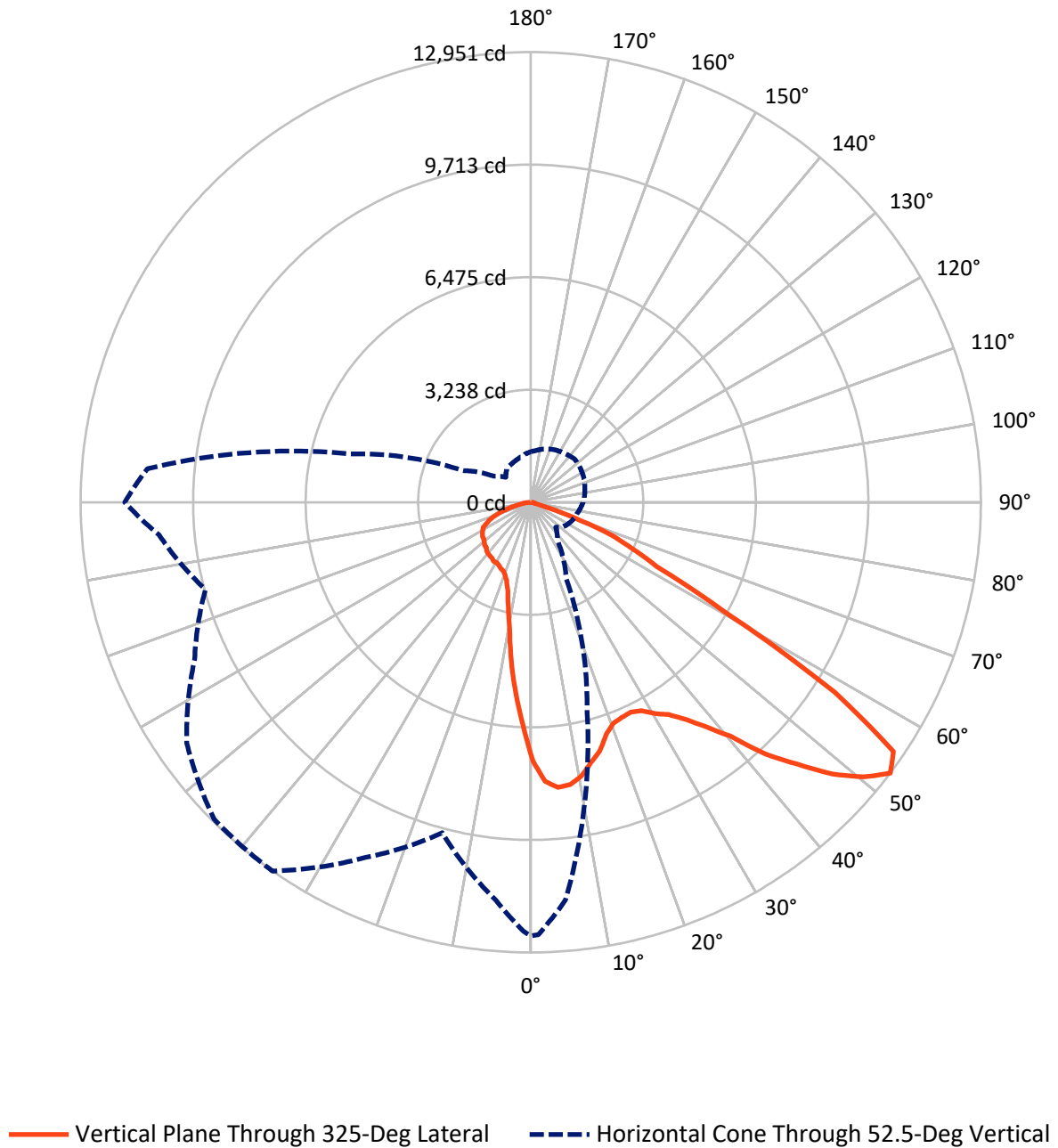


Based on 25 foot mounting height. Maximum calculated value = 11.9 fc  
 Type III - Short - N/A

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## Luminous Intensity Polar Plot



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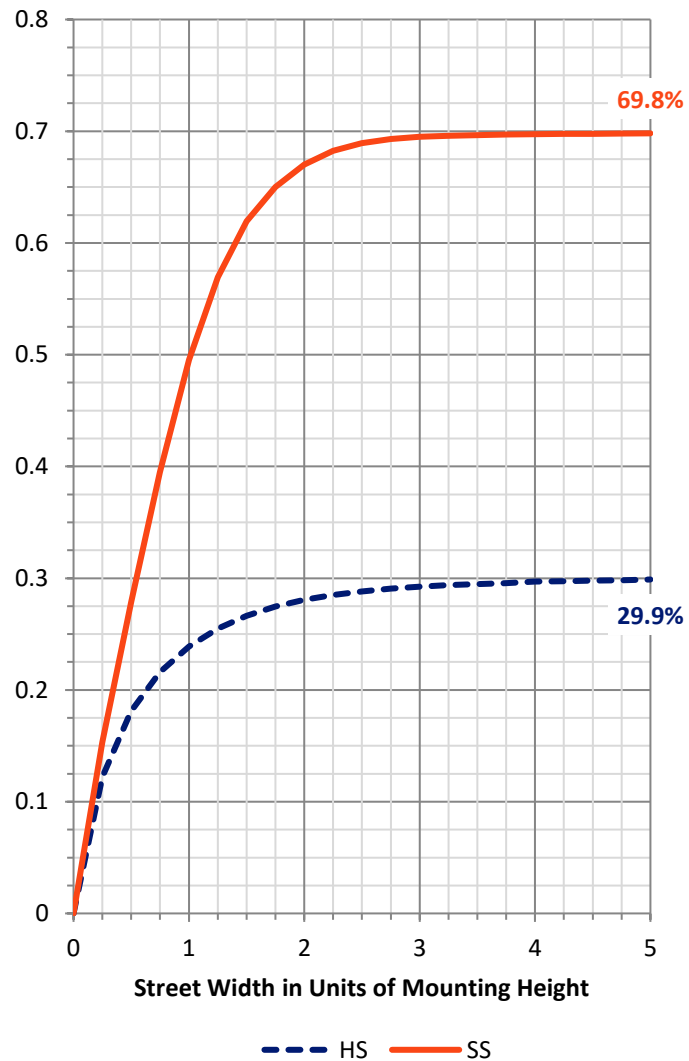
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 5053.6   | 0.0    | 5053.6  |
|                    | % Fixture | 30.1     | 0.0    | 30.1    |
| <b>Street Side</b> | Lumens    | 11710.4  | 0.0    | 11710.4 |
|                    | % Fixture | 69.9     | 0.0    | 69.9    |
| <b>Total</b>       | Lumens    | 16764.0  | 0.0    | 16764.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 567.6   | 3.4       |
| 10°-20°   | 1230.5  | 7.3       |
| 20°-30°   | 1859.2  | 11.1      |
| 30°-40°   | 2686.6  | 16.0      |
| 40°-50°   | 3575.3  | 21.3      |
| 50°-60°   | 3999.1  | 23.9      |
| 60°-70°   | 2253.9  | 13.4      |
| 70°-80°   | 502.4   | 3.0       |
| 80°-90°   | 89.5    | 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°    | 16764.0 | 100.0     |
| 0°-180°   | 16764.0 | 100.0     |

**Coefficient of Utilization**



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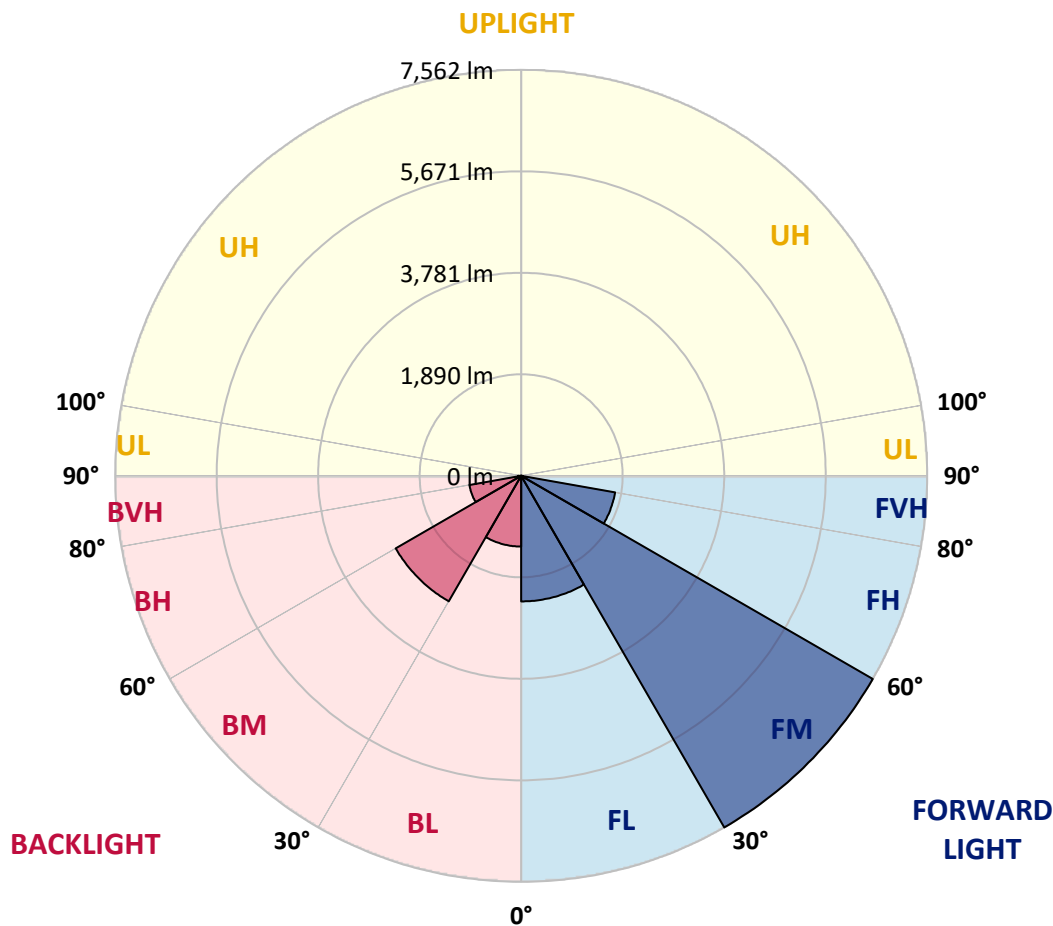
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone |             | Lumens | % Fixture | Zone Rating/Lumen Limit |      |         |
|------|-------------|--------|-----------|-------------------------|------|---------|
|      |             |        |           | B                       | U    | G       |
| FL   | (0°-30°)    | 2339.4 | 14.0      |                         |      |         |
| FM   | (30°-60°)   | 7561.8 | 45.1      |                         |      |         |
| FH   | (60°-80°)   | 1776.7 | 10.6      |                         |      | G1/1800 |
| FVH  | (80°-90°)   | 32.4   | 0.2       |                         |      | G1/100  |
| BL   | (0°-30°)    | 1317.9 | 7.9       | B3/2500                 |      |         |
| BM   | (30°-60°)   | 2699.2 | 16.1      | B3/5000                 |      |         |
| BH   | (60°-80°)   | 979.6  | 5.8       | B2/1000                 |      | G2/1000 |
| BVH  | (80°-90°)   | 57.1   | 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 III Short



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°      | 1°      | 5°      | 15°    | 25°    | 35°    | 45°    | 55°    | 65°    | 75°    | 85°    |
|-------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 7440.0  | 7440.0  | 7440.0  | 7440.0 | 7440.0 | 7440.0 | 7440.0 | 7440.0 | 7440.0 | 7440.0 | 7440.0 |
| 2.5°  | 7563.9  | 7685.4  | 7554.2  | 7320.9 | 7155.7 | 7005.0 | 6847.1 | 6815.5 | 6609.0 | 6572.5 | 6421.9 |
| 5°    | 7133.8  | 7107.1  | 6946.7  | 6640.6 | 6302.8 | 5996.7 | 5770.7 | 5552.0 | 5403.8 | 5231.3 | 5219.2 |
| 7.5°  | 6611.4  | 6455.9  | 6363.6  | 5899.5 | 5481.6 | 5000.5 | 4793.9 | 4461.1 | 4356.6 | 4201.1 | 4120.9 |
| 10°   | 6144.9  | 6030.7  | 5814.4  | 5350.4 | 4767.2 | 4448.9 | 4227.8 | 4048.0 | 3926.5 | 3766.1 | 3564.5 |
| 12.5° | 5914.1  | 5867.9  | 5624.9  | 4905.7 | 4473.2 | 4133.0 | 3977.5 | 3802.6 | 3596.1 | 3338.5 | 3238.9 |
| 15°   | 5955.4  | 5799.9  | 5615.2  | 4820.7 | 4222.9 | 3894.9 | 3647.1 | 3428.4 | 3163.6 | 2918.2 | 2774.8 |
| 17.5° | 6264.0  | 6144.9  | 5775.6  | 4874.1 | 4128.2 | 3654.4 | 3204.9 | 2881.7 | 2643.6 | 2422.5 | 2322.9 |
| 20°   | 6871.4  | 6698.9  | 6283.4  | 4942.2 | 3924.1 | 3319.1 | 2804.0 | 2405.5 | 2150.3 | 2033.7 | 1999.7 |
| 22.5° | 7544.4  | 7442.4  | 6779.1  | 5095.2 | 3761.3 | 3008.1 | 2378.7 | 1980.3 | 1885.5 | 1853.9 | 1917.1 |
| 25°   | 8363.3  | 8098.4  | 7549.3  | 5345.5 | 3634.9 | 2743.2 | 2019.1 | 1798.0 | 1749.4 | 1781.0 | 1853.9 |
| 27.5° | 8985.3  | 8914.8  | 8088.7  | 5581.2 | 3462.4 | 2424.9 | 1817.5 | 1671.7 | 1686.3 | 1717.8 | 1785.9 |
| 30°   | 9724.0  | 9366.8  | 8611.1  | 5744.0 | 3306.9 | 2206.2 | 1676.5 | 1637.7 | 1652.2 | 1705.7 | 1739.7 |
| 32.5° | 10168.6 | 10035.0 | 8939.1  | 5989.4 | 3127.1 | 2016.7 | 1567.2 | 1530.8 | 1552.6 | 1632.8 | 1713.0 |
| 35°   | 10734.7 | 10469.9 | 9344.9  | 6052.6 | 3000.8 | 1941.4 | 1489.5 | 1462.7 | 1513.7 | 1569.6 | 1659.5 |
| 37.5° | 11395.6 | 11213.4 | 9906.2  | 6008.8 | 2932.7 | 1863.6 | 1423.8 | 1411.7 | 1448.1 | 1525.9 | 1630.4 |
| 40°   | 11786.8 | 11730.9 | 10200.2 | 6035.6 | 2825.8 | 1795.6 | 1348.5 | 1363.1 | 1438.4 | 1499.2 | 1601.2 |
| 42.5° | 12163.4 | 11799.0 | 10635.1 | 6025.8 | 2757.8 | 1703.3 | 1355.8 | 1338.8 | 1397.1 | 1467.6 | 1564.8 |
| 45°   | 12246.1 | 11884.0 | 10737.2 | 5957.8 | 2675.2 | 1613.4 | 1299.9 | 1307.2 | 1377.7 | 1465.2 | 1528.3 |
| 47.5° | 12192.6 | 11925.3 | 10926.7 | 5938.4 | 2597.4 | 1550.2 | 1217.3 | 1304.8 | 1346.1 | 1416.6 | 1506.5 |
| 50°   | 12156.2 | 12141.6 | 11087.1 | 6030.7 | 2492.9 | 1450.6 | 1117.7 | 1273.2 | 1314.5 | 1385.0 | 1482.2 |
| 52.5° | 12476.9 | 12445.3 | 11488.0 | 6273.7 | 2410.3 | 1343.7 | 1015.6 | 1193.0 | 1292.6 | 1360.7 | 1455.4 |
| 55°   | 12671.3 | 12532.8 | 12175.6 | 6572.5 | 2271.8 | 1202.7 | 945.2  | 1093.4 | 1239.2 | 1299.9 | 1397.1 |
| 57.5° | 11398.1 | 11303.3 | 11014.2 | 6135.2 | 2038.6 | 1018.1 | 857.7  | 991.3  | 1166.3 | 1261.1 | 1360.7 |
| 60°   | 9483.4  | 9335.2  | 8594.1  | 5214.3 | 1504.0 | 792.1  | 804.3  | 911.2  | 1146.9 | 1183.3 | 1299.9 |
| 62.5° | 8941.6  | 8574.7  | 7566.3  | 4196.2 | 1154.1 | 680.3  | 721.6  | 838.3  | 1044.8 | 1105.5 | 1222.2 |
| 65°   | 7094.9  | 6822.8  | 5413.5  | 3029.9 | 772.7  | 590.4  | 658.5  | 755.7  | 901.4  | 1020.5 | 1127.4 |
| 67.5° | 4441.6  | 4181.6  | 2889.0  | 1433.6 | 539.4  | 505.4  | 588.0  | 690.1  | 809.1  | 916.0  | 1035.1 |
| 70°   | 2320.4  | 2036.2  | 1333.9  | 517.5  | 371.8  | 413.1  | 490.8  | 588.0  | 704.6  | 792.1  | 884.4  |
| 72.5° | 865.0   | 702.2   | 434.9   | 223.5  | 257.6  | 315.9  | 398.5  | 468.9  | 551.6  | 658.5  | 709.5  |
| 75°   | 133.6   | 114.2   | 111.8   | 136.1  | 174.9  | 228.4  | 284.3  | 354.7  | 427.6  | 495.7  | 529.7  |
| 77.5° | 63.2    | 60.7    | 68.0    | 89.9   | 116.6  | 162.8  | 206.5  | 274.6  | 332.9  | 376.6  | 396.1  |
| 80°   | 41.3    | 38.9    | 43.7    | 60.7   | 87.5   | 121.5  | 165.2  | 211.4  | 264.8  | 301.3  | 296.4  |
| 82.5° | 24.3    | 26.7    | 26.7    | 41.3   | 60.7   | 87.5   | 119.1  | 160.4  | 196.8  | 228.4  | 209.0  |
| 85°   | 14.6    | 12.1    | 12.1    | 24.3   | 41.3   | 70.5   | 99.6   | 68.0   | 70.5   | 70.5   | 80.2   |
| 87.5° | 4.9     | 4.9     | 4.9     | 2.4    | 4.9    | 4.9    | 7.3    | 12.1   | 14.6   | 17.0   | 21.9   |
| 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):**

|       | 90°    | 95°    | 105°   | 115°   | 125°   | 135°   | 145°   | 155°   | 165°   | 175°   | 180°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 7440.0 | 7440.0 | 7440.0 | 7440.0 | 7440.0 | 7440.0 | 7440.0 | 7440.0 | 7440.0 | 7440.0 | 7440.0 |
| 2.5°  | 6417.0 | 6492.4 | 6465.6 | 6370.9 | 6443.8 | 6455.9 | 6407.3 | 6575.0 | 6606.6 | 6555.5 | 6570.1 |
| 5°    | 5202.1 | 5221.6 | 5265.3 | 5357.7 | 5423.3 | 5501.0 | 5501.0 | 5505.9 | 5440.3 | 5605.5 | 5556.9 |
| 7.5°  | 4052.9 | 4065.0 | 4116.0 | 4312.8 | 4368.7 | 4516.9 | 4580.1 | 4536.4 | 4405.2 | 4349.3 | 4395.5 |
| 10°   | 3498.9 | 3428.4 | 3411.4 | 3435.7 | 3562.0 | 3625.2 | 3678.7 | 3664.1 | 3642.2 | 3598.5 | 3549.9 |
| 12.5° | 3129.5 | 3078.5 | 3037.2 | 2978.9 | 2986.2 | 3046.9 | 3088.2 | 3054.2 | 3063.9 | 3073.7 | 3088.2 |
| 15°   | 2728.6 | 2692.2 | 2670.3 | 2582.8 | 2573.1 | 2614.4 | 2629.0 | 2648.5 | 2684.9 | 2687.3 | 2670.3 |
| 17.5° | 2303.4 | 2271.8 | 2320.4 | 2369.0 | 2335.0 | 2337.4 | 2364.2 | 2381.2 | 2371.5 | 2327.7 | 2305.9 |
| 20°   | 2011.9 | 2045.9 | 2094.5 | 2140.6 | 2177.1 | 2198.9 | 2208.7 | 2181.9 | 2150.3 | 2060.4 | 2058.0 |
| 22.5° | 1926.8 | 1970.5 | 2011.9 | 2082.3 | 2116.3 | 2172.2 | 2121.2 | 2060.4 | 2016.7 | 1973.0 | 1922.0 |
| 25°   | 1863.6 | 1900.1 | 1982.7 | 2009.4 | 2075.0 | 2121.2 | 2084.7 | 2024.0 | 1948.7 | 1885.5 | 1846.6 |
| 27.5° | 1817.5 | 1858.8 | 1912.2 | 1985.1 | 2036.2 | 2062.9 | 2026.4 | 2002.1 | 1924.4 | 1849.1 | 1793.2 |
| 30°   | 1788.3 | 1832.0 | 1929.2 | 1990.0 | 2033.7 | 2055.6 | 1992.4 | 1963.3 | 1907.4 | 1844.2 | 1795.6 |
| 32.5° | 1768.9 | 1807.8 | 1890.4 | 1968.1 | 1997.3 | 1997.3 | 2007.0 | 1973.0 | 1895.2 | 1788.3 | 1747.0 |
| 35°   | 1705.7 | 1759.2 | 1827.2 | 1917.1 | 1970.5 | 2002.1 | 1953.5 | 1914.7 | 1863.6 | 1754.3 | 1679.0 |
| 37.5° | 1669.3 | 1705.7 | 1793.2 | 1878.2 | 1924.4 | 1958.4 | 1939.0 | 1870.9 | 1802.9 | 1713.0 | 1652.2 |
| 40°   | 1630.4 | 1688.7 | 1766.4 | 1846.6 | 1897.7 | 1931.7 | 1917.1 | 1836.9 | 1754.3 | 1669.3 | 1627.9 |
| 42.5° | 1603.7 | 1642.5 | 1722.7 | 1812.6 | 1873.4 | 1939.0 | 1895.2 | 1795.6 | 1737.3 | 1620.7 | 1574.5 |
| 45°   | 1581.8 | 1645.0 | 1730.0 | 1766.4 | 1829.6 | 1897.7 | 1819.9 | 1759.2 | 1691.1 | 1606.1 | 1567.2 |
| 47.5° | 1555.1 | 1613.4 | 1669.3 | 1766.4 | 1795.6 | 1827.2 | 1812.6 | 1715.4 | 1657.1 | 1564.8 | 1538.0 |
| 50°   | 1545.3 | 1567.2 | 1669.3 | 1722.7 | 1764.0 | 1795.6 | 1756.7 | 1683.8 | 1627.9 | 1533.2 | 1474.9 |
| 52.5° | 1506.5 | 1547.8 | 1613.4 | 1683.8 | 1734.9 | 1773.7 | 1710.6 | 1664.4 | 1589.1 | 1489.5 | 1453.0 |
| 55°   | 1457.9 | 1482.2 | 1598.8 | 1671.7 | 1698.4 | 1725.1 | 1700.8 | 1625.5 | 1547.8 | 1445.7 | 1409.3 |
| 57.5° | 1394.7 | 1450.6 | 1545.3 | 1647.4 | 1681.4 | 1696.0 | 1657.1 | 1596.4 | 1499.2 | 1409.3 | 1351.0 |
| 60°   | 1329.1 | 1387.4 | 1491.9 | 1574.5 | 1608.5 | 1662.0 | 1603.7 | 1567.2 | 1455.4 | 1355.8 | 1292.6 |
| 62.5° | 1263.5 | 1329.1 | 1406.8 | 1511.3 | 1540.5 | 1562.3 | 1547.8 | 1496.7 | 1406.8 | 1295.1 | 1217.3 |
| 65°   | 1185.7 | 1234.3 | 1331.5 | 1385.0 | 1404.4 | 1455.4 | 1404.4 | 1385.0 | 1304.8 | 1197.9 | 1132.3 |
| 67.5° | 1069.1 | 1110.4 | 1195.4 | 1246.5 | 1261.1 | 1282.9 | 1280.5 | 1258.6 | 1168.7 | 1095.8 | 1037.5 |
| 70°   | 935.5  | 971.9  | 1025.4 | 1086.1 | 1093.4 | 1120.1 | 1095.8 | 1091.0 | 1032.7 | 933.0  | 901.4  |
| 72.5° | 750.8  | 784.8  | 855.3  | 882.0  | 884.4  | 894.2  | 882.0  | 865.0  | 850.4  | 745.9  | 714.4  |
| 75°   | 575.9  | 595.3  | 629.3  | 653.6  | 653.6  | 665.8  | 658.5  | 641.5  | 602.6  | 537.0  | 505.4  |
| 77.5° | 400.9  | 420.4  | 464.1  | 478.7  | 476.2  | 481.1  | 459.2  | 442.2  | 383.9  | 349.9  | 323.2  |
| 80°   | 291.6  | 303.7  | 325.6  | 335.3  | 337.7  | 345.0  | 318.3  | 303.7  | 269.7  | 230.8  | 218.7  |
| 82.5° | 211.4  | 218.7  | 221.1  | 233.3  | 233.3  | 221.1  | 213.8  | 199.2  | 174.9  | 150.6  | 140.9  |
| 85°   | 87.5   | 89.9   | 92.3   | 106.9  | 109.3  | 131.2  | 121.5  | 114.2  | 99.6   | 85.0   | 77.8   |
| 87.5° | 21.9   | 24.3   | 31.6   | 26.7   | 31.6   | 31.6   | 34.0   | 38.9   | 38.9   | 31.6   | 31.6   |
| 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°    | 7440.0 | 7440.0 | 7440.0 | 7440.0 | 7440.0 | 7440.0 | 7440.0 | 7440.0 | 7440.0  | 7440.0  | 7440.0  |
| 2.5°  | 6626.0 | 6645.4 | 6893.3 | 6924.9 | 7046.3 | 7170.3 | 7420.5 | 7600.3 | 7746.1  | 7840.9  | 7867.6  |
| 5°    | 5607.9 | 5731.8 | 5846.0 | 6030.7 | 6198.4 | 6436.5 | 6711.0 | 7051.2 | 7478.8  | 7697.5  | 7785.0  |
| 7.5°  | 4390.6 | 4536.4 | 4701.6 | 4881.4 | 5126.8 | 5554.5 | 5921.4 | 6315.0 | 6861.7  | 7087.6  | 7430.2  |
| 10°   | 3583.9 | 3746.7 | 3965.4 | 4103.9 | 4400.3 | 4808.5 | 5236.2 | 5690.5 | 6212.9  | 6538.5  | 6934.6  |
| 12.5° | 3168.4 | 3302.1 | 3503.7 | 3795.3 | 4016.4 | 4281.3 | 4599.6 | 5173.0 | 5921.4  | 6229.9  | 6502.1  |
| 15°   | 2709.2 | 2857.4 | 3090.7 | 3413.8 | 3678.7 | 3994.5 | 4351.7 | 4976.2 | 5773.1  | 6249.4  | 6480.2  |
| 17.5° | 2330.2 | 2437.1 | 2682.5 | 2961.9 | 3265.6 | 3610.6 | 4123.3 | 4966.5 | 5928.6  | 6538.5  | 6915.1  |
| 20°   | 2067.7 | 2082.3 | 2216.0 | 2454.1 | 2867.1 | 3316.6 | 3982.4 | 4917.9 | 6426.8  | 7036.6  | 7512.9  |
| 22.5° | 1902.5 | 1887.9 | 1890.4 | 2092.0 | 2381.2 | 3027.5 | 3761.3 | 5083.1 | 6992.9  | 7828.7  | 8149.5  |
| 25°   | 1819.9 | 1781.0 | 1756.7 | 1800.5 | 2062.9 | 2684.9 | 3593.6 | 5301.8 | 7602.8  | 8482.3  | 8876.0  |
| 27.5° | 1776.2 | 1708.1 | 1659.5 | 1666.8 | 1858.8 | 2512.4 | 3489.2 | 5396.5 | 8207.8  | 9393.5  | 9532.0  |
| 30°   | 1759.2 | 1674.1 | 1603.7 | 1579.4 | 1705.7 | 2271.8 | 3265.6 | 5559.3 | 8749.6  | 9894.0  | 10013.1 |
| 32.5° | 1698.4 | 1593.9 | 1525.9 | 1504.0 | 1555.1 | 2060.4 | 3105.3 | 5676.0 | 9228.3  | 10438.3 | 10397.0 |
| 35°   | 1627.9 | 1540.5 | 1455.4 | 1414.1 | 1450.6 | 1924.4 | 2976.5 | 5620.1 | 9792.0  | 10861.1 | 10839.2 |
| 37.5° | 1620.7 | 1506.5 | 1436.0 | 1368.0 | 1365.5 | 1756.7 | 2801.5 | 5673.5 | 10151.6 | 11619.2 | 11320.3 |
| 40°   | 1557.5 | 1484.6 | 1392.3 | 1336.4 | 1304.8 | 1671.7 | 2631.4 | 5547.2 | 10678.9 | 11925.3 | 11631.3 |
| 42.5° | 1559.9 | 1450.6 | 1370.4 | 1304.8 | 1273.2 | 1547.8 | 2514.8 | 5513.2 | 10863.5 | 12423.4 | 11777.1 |
| 45°   | 1521.0 | 1414.1 | 1346.1 | 1268.3 | 1251.3 | 1453.0 | 2403.0 | 5355.2 | 11189.1 | 12447.7 | 11594.9 |
| 47.5° | 1482.2 | 1387.4 | 1314.5 | 1222.2 | 1183.3 | 1419.0 | 2315.6 | 5224.0 | 11019.0 | 12219.3 | 11342.2 |
| 50°   | 1455.4 | 1346.1 | 1278.1 | 1212.5 | 1103.1 | 1360.7 | 2201.4 | 5192.4 | 10780.9 | 11910.7 | 10873.2 |
| 52.5° | 1409.3 | 1312.1 | 1241.6 | 1190.6 | 1015.6 | 1307.2 | 2157.6 | 5377.1 | 11072.5 | 11679.9 | 10737.2 |
| 55°   | 1365.5 | 1265.9 | 1176.0 | 1076.4 | 942.8  | 1166.3 | 2036.2 | 5549.6 | 11497.7 | 12212.0 | 11354.3 |
| 57.5° | 1319.4 | 1224.6 | 1127.4 | 1008.4 | 872.3  | 1020.5 | 1909.8 | 5581.2 | 10700.7 | 11286.3 | 10778.5 |
| 60°   | 1258.6 | 1137.1 | 1064.2 | 908.7  | 797.0  | 845.6  | 1513.7 | 4920.3 | 8300.1  | 9425.1  | 9442.1  |
| 62.5° | 1190.6 | 1059.4 | 996.2  | 814.0  | 719.2  | 728.9  | 1234.3 | 4135.5 | 6732.9  | 7802.0  | 8266.1  |
| 65°   | 1100.7 | 974.3  | 899.0  | 753.2  | 663.3  | 631.7  | 903.9  | 3029.9 | 5114.7  | 6329.6  | 6856.8  |
| 67.5° | 984.1  | 865.0  | 770.2  | 656.0  | 592.9  | 541.8  | 617.2  | 1705.7 | 3020.2  | 4249.7  | 4410.0  |
| 70°   | 860.1  | 758.1  | 658.5  | 563.7  | 493.2  | 456.8  | 451.9  | 755.7  | 1443.3  | 2286.4  | 2602.3  |
| 72.5° | 677.9  | 605.0  | 524.8  | 454.4  | 408.2  | 354.7  | 323.2  | 313.4  | 488.4   | 930.6   | 1285.4  |
| 75°   | 486.0  | 425.2  | 379.0  | 332.9  | 298.9  | 269.7  | 245.4  | 223.5  | 204.1   | 233.3   | 320.7   |
| 77.5° | 306.2  | 284.3  | 247.8  | 235.7  | 216.2  | 209.0  | 199.2  | 187.1  | 172.5   | 162.8   | 162.8   |
| 80°   | 206.5  | 192.0  | 179.8  | 177.4  | 170.1  | 167.7  | 170.1  | 157.9  | 143.4   | 131.2   | 136.1   |
| 82.5° | 138.5  | 136.1  | 133.6  | 131.2  | 133.6  | 136.1  | 140.9  | 138.5  | 126.3   | 119.1   | 121.5   |
| 85°   | 82.6   | 87.5   | 92.3   | 97.2   | 106.9  | 94.8   | 77.8   | 65.6   | 58.3    | 53.5    | 51.0    |
| 87.5° | 31.6   | 43.7   | 38.9   | 36.4   | 38.9   | 36.4   | 34.0   | 31.6   | 26.7    | 24.3    | 24.3    |
| 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: P529174

CATALOG NUMBER: GLAN-SA4B-740-U-SLR-GRSWH

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 7440.0  | 7440.0  | 7440.0  | 7440.0  | 7440.0  | 7440.0  | 7440.0  | 7440.0  | 7440.0  | 7440.0  |
| 2.5°  | 8045.0  | 8093.6  | 8134.9  | 8125.2  | 8040.1  | 7925.9  | 7879.8  | 7644.1  | 7595.5  | 7563.9  |
| 5°    | 8154.3  | 8436.2  | 8496.9  | 8460.5  | 8239.4  | 7959.9  | 7687.8  | 7342.8  | 7141.1  | 7133.8  |
| 7.5°  | 7952.6  | 8300.1  | 8409.4  | 8492.1  | 8198.1  | 7712.1  | 7245.6  | 6728.0  | 6601.7  | 6611.4  |
| 10°   | 7440.0  | 7994.0  | 8263.7  | 8348.7  | 8011.0  | 7590.6  | 6944.3  | 6419.5  | 6149.8  | 6144.9  |
| 12.5° | 7155.7  | 7590.6  | 7665.9  | 7785.0  | 7685.4  | 7260.2  | 6769.3  | 6181.3  | 5918.9  | 5914.1  |
| 15°   | 6903.0  | 7189.7  | 7211.6  | 7379.2  | 7432.7  | 7146.0  | 6815.5  | 6188.6  | 5977.2  | 5955.4  |
| 17.5° | 7124.1  | 6924.9  | 6842.2  | 6864.1  | 7022.0  | 7126.5  | 7082.8  | 6601.7  | 6385.4  | 6264.0  |
| 20°   | 7272.3  | 6827.7  | 6577.4  | 6601.7  | 6788.8  | 7170.3  | 7481.3  | 7199.4  | 6856.8  | 6871.4  |
| 22.5° | 7668.4  | 6842.2  | 6451.0  | 6424.3  | 6720.8  | 7398.7  | 7930.8  | 7955.1  | 7624.6  | 7544.4  |
| 25°   | 8261.2  | 7009.9  | 6412.2  | 6404.9  | 6689.2  | 7644.1  | 8455.6  | 8849.2  | 8511.5  | 8363.3  |
| 27.5° | 8737.5  | 7272.3  | 6533.7  | 6558.0  | 6788.8  | 7843.3  | 8902.7  | 9425.1  | 9167.5  | 8985.3  |
| 30°   | 9155.4  | 7544.4  | 6703.7  | 6592.0  | 7056.1  | 7947.8  | 9094.6  | 10081.1 | 9874.6  | 9724.0  |
| 32.5° | 9327.9  | 7930.8  | 6973.4  | 6788.8  | 7277.2  | 8074.1  | 9493.1  | 10717.7 | 10540.4 | 10168.6 |
| 35°   | 9619.5  | 8147.0  | 7119.2  | 7104.7  | 7663.5  | 8377.9  | 9680.2  | 11138.1 | 11065.2 | 10734.7 |
| 37.5° | 9852.7  | 8365.7  | 7636.8  | 7476.4  | 8193.2  | 8888.1  | 9981.5  | 11718.8 | 11551.1 | 11395.6 |
| 40°   | 10032.5 | 8756.9  | 8120.3  | 8331.7  | 8844.4  | 9352.2  | 10258.5 | 11755.2 | 12238.8 | 11786.8 |
| 42.5° | 9867.3  | 9106.8  | 8914.8  | 9420.2  | 9906.2  | 9881.9  | 10290.1 | 12037.1 | 12399.1 | 12163.4 |
| 45°   | 9826.0  | 9699.7  | 10171.0 | 10630.3 | 10742.0 | 10321.7 | 10064.1 | 11726.1 | 12350.5 | 12246.1 |
| 47.5° | 9726.4  | 10282.8 | 11104.1 | 11852.4 | 11682.4 | 10615.7 | 9794.4  | 11670.2 | 12379.7 | 12192.6 |
| 50°   | 9692.4  | 10409.1 | 11794.1 | 12523.1 | 12421.0 | 10870.8 | 9668.1  | 11310.6 | 12173.2 | 12156.2 |
| 52.5° | 9689.9  | 10669.1 | 12080.8 | 12887.5 | 12950.7 | 11274.1 | 9840.6  | 11492.8 | 12333.5 | 12476.9 |
| 55°   | 9799.3  | 10586.5 | 12044.4 | 12685.8 | 12661.5 | 11094.3 | 9860.0  | 11614.3 | 12530.3 | 12671.3 |
| 57.5° | 9242.9  | 9483.4  | 9940.2  | 10448.0 | 10316.8 | 9189.4  | 8805.5  | 10737.2 | 11500.1 | 11398.1 |
| 60°   | 7981.8  | 7228.6  | 6713.5  | 6689.2  | 6434.0  | 6081.7  | 7206.7  | 9583.0  | 9583.0  | 9483.4  |
| 62.5° | 6990.5  | 4745.3  | 4077.2  | 3887.6  | 4069.9  | 4475.6  | 6951.6  | 9320.6  | 9055.8  | 8941.6  |
| 65°   | 6113.3  | 3622.8  | 2947.3  | 2893.9  | 3209.7  | 3822.0  | 6285.8  | 7940.5  | 7474.0  | 7094.9  |
| 67.5° | 3933.8  | 2653.3  | 2191.7  | 2096.9  | 2478.4  | 2806.4  | 4184.1  | 4883.8  | 4589.8  | 4441.6  |
| 70°   | 2536.7  | 1727.6  | 1219.7  | 1144.4  | 1292.6  | 1730.0  | 2672.8  | 2847.7  | 2420.1  | 2320.4  |
| 72.5° | 1200.3  | 745.9   | 427.6   | 352.3   | 396.1   | 660.9   | 1057.0  | 1137.1  | 945.2   | 865.0   |
| 75°   | 381.5   | 274.6   | 174.9   | 150.6   | 143.4   | 170.1   | 243.0   | 187.1   | 136.1   | 133.6   |
| 77.5° | 170.1   | 162.8   | 138.5   | 116.6   | 102.1   | 85.0    | 70.5    | 58.3    | 60.7    | 63.2    |
| 80°   | 140.9   | 128.8   | 114.2   | 102.1   | 85.0    | 65.6    | 51.0    | 38.9    | 38.9    | 41.3    |
| 82.5° | 123.9   | 111.8   | 99.6    | 85.0    | 72.9    | 53.5    | 38.9    | 26.7    | 24.3    | 24.3    |
| 85°   | 53.5    | 63.2    | 68.0    | 72.9    | 58.3    | 43.7    | 26.7    | 17.0    | 14.6    | 14.6    |
| 87.5° | 21.9    | 19.4    | 17.0    | 14.6    | 12.1    | 12.1    | 9.7     | 7.3     | 4.9     | 4.9     |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |

(END OF REPORT)