

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: P533437

Luminaire Tested: **GLAN-SA8D-760-U-SLR-GRSBK**

Issue Date: 5/27/2021

**Test Information**

Test Method: LM-79-08  
Report Number: P533437  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2011-057-25)  
Test Lab: INNOVATION CENTER  
Issue Date: 5/27/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: GLAN-SA8D-760-U-SLR-GRSBK  
Description: GALLEON AREA AND ROADWAY LUMINAIRE  
(8) 70 CRI, 5700K, 1200mA LIGHTSQUARES WITH 16 LEDS EACH AND SPILL LIGHT  
ELIMINATOR RIGHT OPTICS WITH BLACK GLARE REDUCTION SHIELD  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 34534 lumens  
Efficiency: N/A  
Efficacy: 70.0 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')  
IES Classification: Type III - Short  
BUG Rating: B3 - U0 - G2

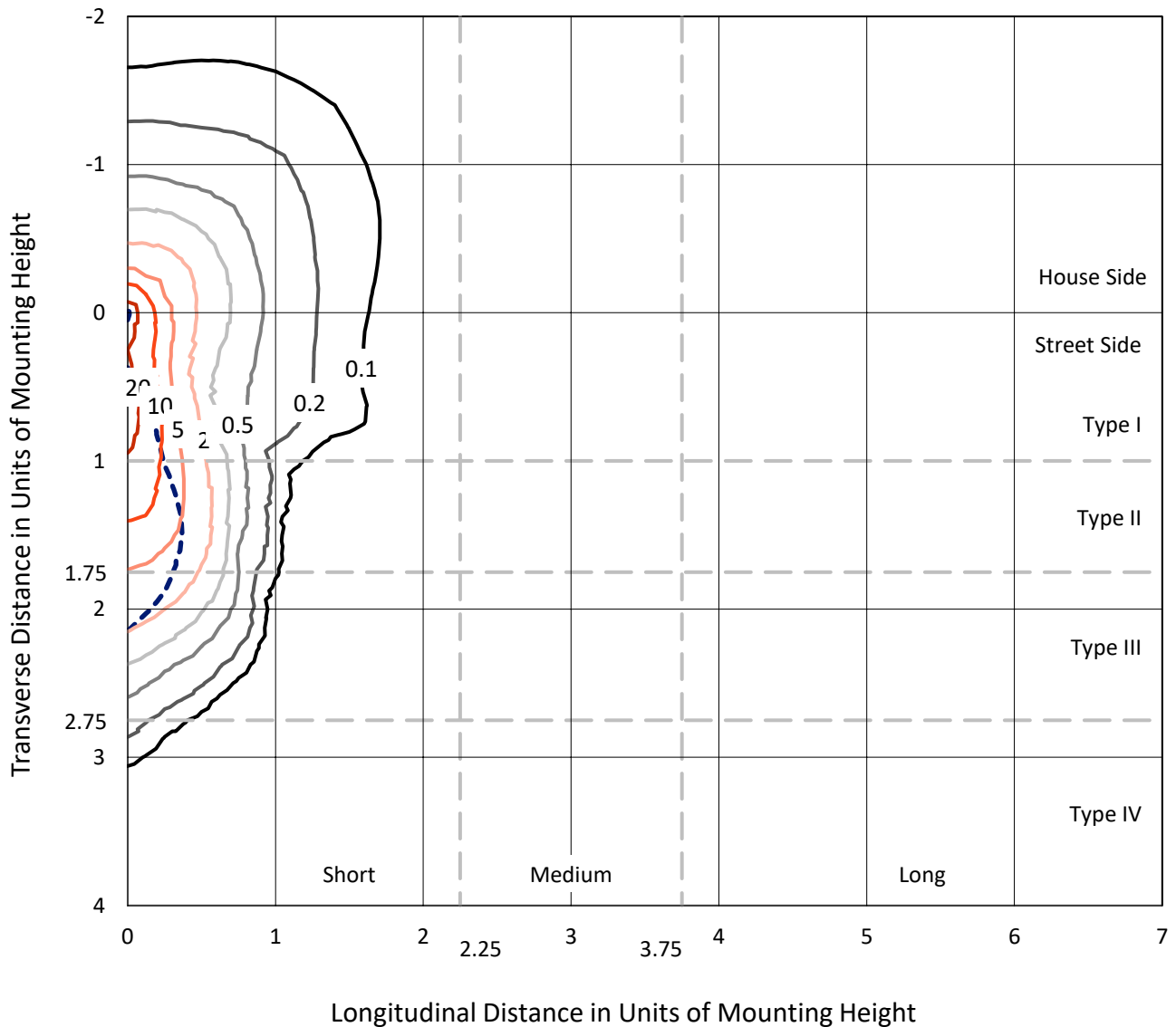
Input Watts (W): 493  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT



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### Iso-Footcandle Lines of Horizontal Illumination

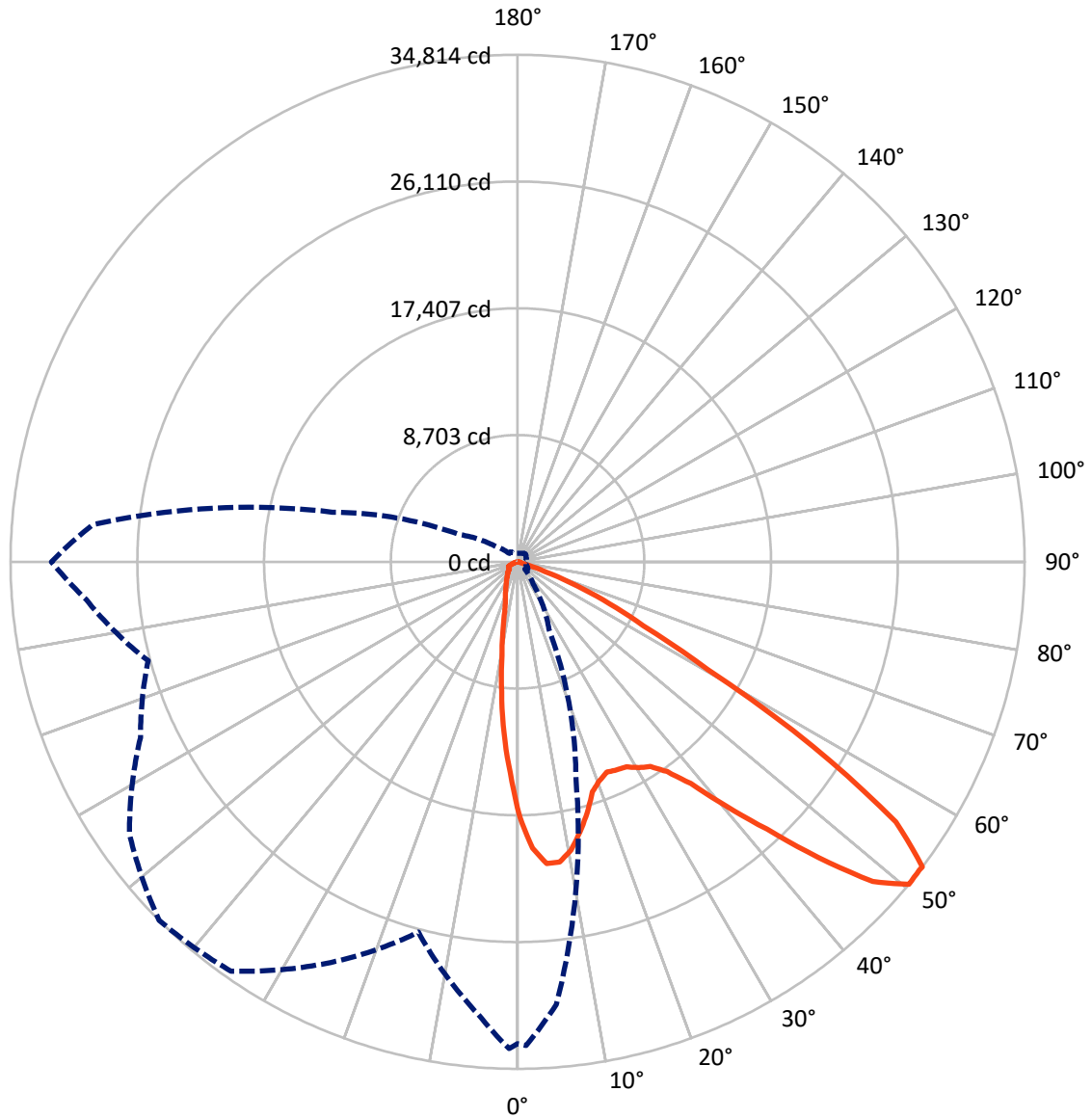
× Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 28 fc  
 Type III - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 315-Deg Lateral    - - - Horizontal Cone Through 50-Deg Vertical

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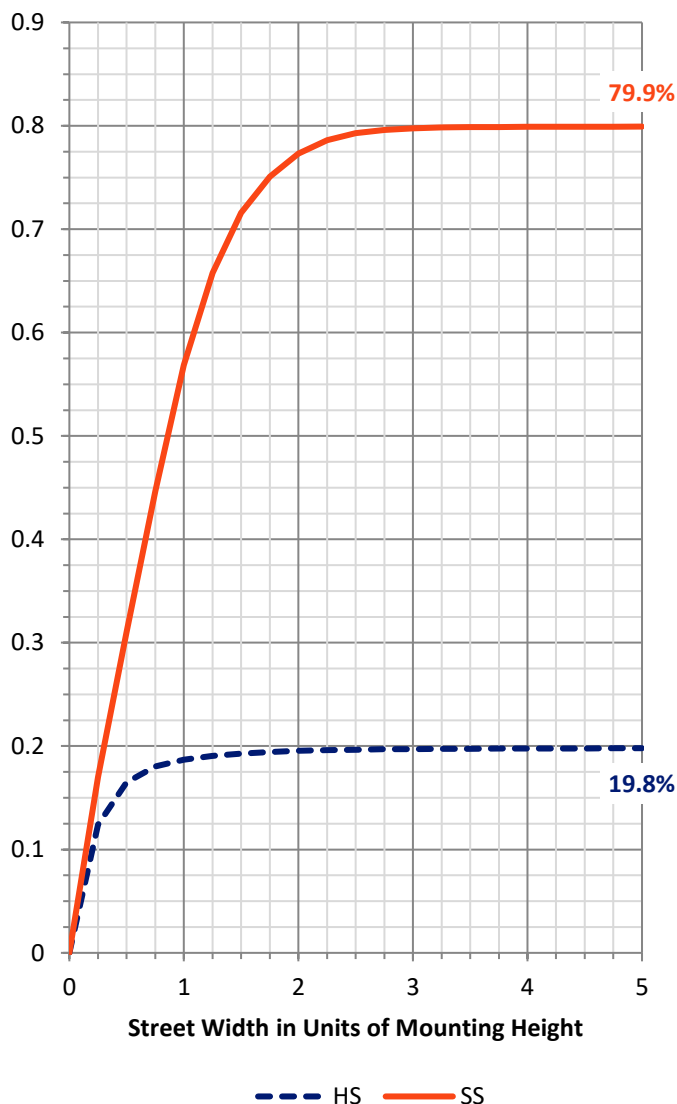
**FLUX DISTRIBUTION:**

|                    |           | Downward | Upward | Total   |
|--------------------|-----------|----------|--------|---------|
| <b>House Side</b>  | Lumens    | 6917.2   | 0.0    | 6917.2  |
|                    | % Fixture | 20.0     | 0.0    | 20.0    |
| <b>Street Side</b> | Lumens    | 27616.8  | 0.0    | 27616.8 |
|                    | % Fixture | 80.0     | 0.0    | 80.0    |
| <b>Total</b>       | Lumens    | 34534.0  | 0.0    | 34534.0 |
|                    | % Fixture | 100.0    | 0.0    | 100.0   |

**ZONAL LUMENS:**

| Zone      | Lumens  | % Fixture |
|-----------|---------|-----------|
| 0°-10°    | 1276.5  | 3.7       |
| 10°-20°   | 2537.0  | 7.3       |
| 20°-30°   | 3811.4  | 11.0      |
| 30°-40°   | 5720.8  | 16.6      |
| 40°-50°   | 8040.1  | 23.3      |
| 50°-60°   | 8672.7  | 25.1      |
| 60°-70°   | 4026.7  | 11.7      |
| 70°-80°   | 378.9   | 1.1       |
| 80°-90°   | 69.8    | 0.2       |
| 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°    | 34534.0 | 100.0     |
| 0°-180°   | 34534.0 | 100.0     |

**Coefficient of Utilization**



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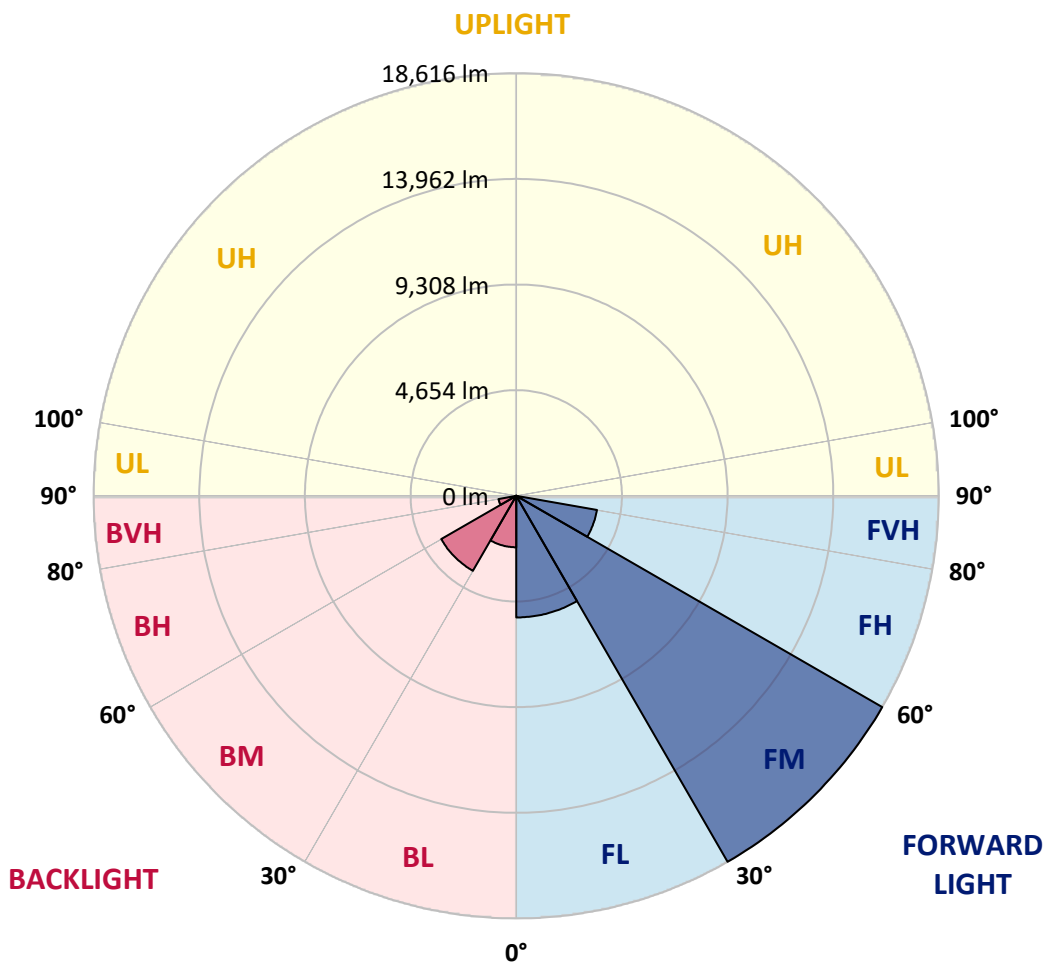
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

| Zone           | Lumens  | % Fixture | Zone Rating/Lumen Limit |      |         |
|----------------|---------|-----------|-------------------------|------|---------|
|                |         |           | B                       | U    | G       |
| FL (0°-30°)    | 5357.7  | 15.5      |                         |      |         |
| FM (30°-60°)   | 18616.4 | 53.9      |                         |      |         |
| FH (60°-80°)   | 3611.3  | 10.5      |                         |      | G2/5000 |
| FVH (80°-90°)  | 31.5    | 0.1       |                         |      | G1/100  |
| BL (0°-30°)    | 2267.3  | 6.6       | B3/2500                 |      |         |
| BM (30°-60°)   | 3817.2  | 11.1      | B3/5000                 |      |         |
| BH (60°-80°)   | 794.3   | 2.3       | B2/1000                 |      | G2/1000 |
| BVH (80°-90°)  | 38.4    | 0.1       |                         |      | 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°    | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 |
| 2.5°  | 18205.1 | 17924.2 | 17567.9 | 17273.3 | 16834.8 | 15950.9 | 15711.1 | 15423.3 | 15183.5 | 14861.5 | 14409.2 |
| 5°    | 16553.8 | 16464.8 | 16300.3 | 15190.3 | 14388.7 | 13319.8 | 12442.8 | 12072.8 | 11586.3 | 11188.9 | 10901.1 |
| 7.5°  | 15293.1 | 14936.8 | 14416.1 | 13299.3 | 12018.0 | 10873.7 | 9900.8  | 9332.1  | 8688.0  | 8468.8  | 8078.2  |
| 10°   | 13943.3 | 14025.5 | 13258.1 | 11689.1 | 10140.6 | 9215.6  | 8612.7  | 8064.5  | 7482.1  | 7098.4  | 6543.4  |
| 12.5° | 13511.7 | 13244.4 | 12655.2 | 10716.1 | 9393.8  | 8530.4  | 7797.3  | 7119.0  | 6502.3  | 5885.7  | 5351.2  |
| 15°   | 13792.6 | 13381.5 | 12559.3 | 10510.6 | 8818.2  | 7742.5  | 6824.4  | 5906.2  | 5337.5  | 4549.6  | 3994.6  |
| 17.5° | 14799.8 | 14470.9 | 13367.8 | 10729.9 | 8523.6  | 6988.8  | 5625.3  | 4679.8  | 3809.6  | 3097.0  | 2816.1  |
| 20°   | 16478.5 | 16012.6 | 14628.5 | 11010.8 | 8085.1  | 6077.5  | 4563.3  | 3398.5  | 2576.3  | 2274.8  | 2117.2  |
| 22.5° | 18122.9 | 17869.4 | 16122.2 | 11552.1 | 7694.5  | 5269.0  | 3425.9  | 2288.5  | 1925.3  | 1870.5  | 1767.8  |
| 25°   | 21254.2 | 20493.6 | 18403.8 | 12531.9 | 7393.0  | 4508.5  | 2583.1  | 1843.1  | 1630.7  | 1589.6  | 1603.3  |
| 27.5° | 23117.8 | 22480.6 | 20514.2 | 13182.8 | 7057.3  | 3926.1  | 2185.7  | 1692.4  | 1548.5  | 1459.4  | 1425.2  |
| 30°   | 24906.1 | 24166.1 | 21562.5 | 13566.5 | 6337.9  | 3309.4  | 1939.0  | 1623.9  | 1589.6  | 1459.4  | 1418.3  |
| 32.5° | 26283.3 | 25557.1 | 23076.7 | 14142.0 | 6043.2  | 2912.0  | 1596.5  | 1267.6  | 1178.5  | 1164.8  | 1288.1  |
| 35°   | 28393.7 | 27619.4 | 24371.7 | 14457.2 | 5817.1  | 2706.4  | 1384.1  | 1130.5  | 1027.8  | 986.7   | 993.5   |
| 37.5° | 30360.1 | 29832.6 | 25570.8 | 14580.5 | 5577.3  | 2644.8  | 1240.2  | 1014.1  | 925.0   | 897.6   | 890.7   |
| 40°   | 32004.6 | 30826.1 | 26708.1 | 14710.7 | 5474.6  | 2528.3  | 1151.1  | 925.0   | 863.3   | 822.2   | 822.2   |
| 42.5° | 32758.3 | 31559.2 | 27982.6 | 14635.4 | 5447.1  | 2343.3  | 1151.1  | 849.6   | 801.7   | 760.5   | 753.7   |
| 45°   | 32593.8 | 32107.3 | 28551.3 | 14601.1 | 5447.1  | 2158.3  | 1048.3  | 829.1   | 760.5   | 705.7   | 692.0   |
| 47.5° | 33018.6 | 32381.4 | 29263.9 | 14745.0 | 5337.5  | 2028.1  | 883.9   | 870.2   | 719.4   | 650.9   | 637.2   |
| 50°   | 33094.0 | 33217.3 | 30504.0 | 15491.8 | 5097.7  | 1863.7  | 692.0   | 856.5   | 692.0   | 589.3   | 575.5   |
| 52°   | 33587.3 | 32819.9 | 30880.9 | 15889.2 | 4844.2  | 1740.3  | 582.4   | 733.1   | 664.6   | 548.1   | 534.4   |
| 52.5° | 32909.0 | 33409.2 | 30969.9 | 16033.1 | 4871.6  | 1658.1  | 561.8   | 719.4   | 650.9   | 548.1   | 513.9   |
| 55°   | 32148.4 | 32628.1 | 30606.8 | 16341.4 | 4467.3  | 1301.8  | 438.5   | 520.7   | 589.3   | 479.6   | 459.1   |
| 57.5° | 27941.5 | 28427.9 | 26598.5 | 14964.2 | 3638.3  | 918.1   | 363.1   | 390.6   | 520.7   | 445.4   | 424.8   |
| 60°   | 24837.6 | 24488.2 | 22323.0 | 12483.9 | 2583.1  | 513.9   | 287.8   | 301.5   | 568.7   | 411.1   | 404.3   |
| 62.5° | 22699.9 | 21953.0 | 18657.3 | 9640.4  | 1575.9  | 342.6   | 226.1   | 233.0   | 438.5   | 383.7   | 383.7   |
| 65°   | 16793.7 | 15957.7 | 12394.8 | 5830.8  | 774.2   | 239.8   | 171.3   | 185.0   | 274.1   | 328.9   | 328.9   |
| 67.5° | 9585.6  | 9263.6  | 5988.4  | 2631.1  | 322.0   | 150.7   | 130.2   | 143.9   | 212.4   | 267.2   | 253.5   |
| 70°   | 4405.7  | 3953.5  | 2302.2  | 555.0   | 150.7   | 102.8   | 102.8   | 116.5   | 171.3   | 198.7   | 185.0   |
| 72.5° | 1288.1  | 1219.6  | 561.8   | 89.1    | 61.7    | 61.7    | 68.5    | 89.1    | 130.2   | 150.7   | 137.0   |
| 75°   | 95.9    | 61.7    | 41.1    | 27.4    | 27.4    | 41.1    | 54.8    | 89.1    | 130.2   | 143.9   | 116.5   |
| 77.5° | 6.9     | 13.7    | 6.9     | 6.9     | 20.6    | 41.1    | 61.7    | 109.6   | 171.3   | 178.1   | 130.2   |
| 80°   | 6.9     | 6.9     | 0.0     | 6.9     | 20.6    | 41.1    | 68.5    | 123.3   | 191.8   | 205.6   | 109.6   |
| 82.5° | 0.0     | 0.0     | 0.0     | 6.9     | 27.4    | 54.8    | 82.2    | 130.2   | 178.1   | 219.3   | 116.5   |
| 85°   | 0.0     | 0.0     | 0.0     | 6.9     | 41.1    | 75.4    | 95.9    | 34.3    | 20.6    | 0.0     | 0.0     |
| 87.5° | 0.0     | 0.0     | 0.0     | 0.0     | 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°    | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 |
| 2.5°  | 14731.3 | 14553.1 | 14484.6 | 14546.3 | 14525.7 | 14505.2 | 14882.0 | 14799.8 | 14786.1 | 14909.4 | 14882.0 |
| 5°    | 11058.7 | 10743.6 | 11606.9 | 11257.4 | 11620.6 | 11839.8 | 11880.9 | 11901.5 | 12155.0 | 11887.8 | 12237.2 |
| 7.5°  | 7879.5  | 7961.7  | 7954.9  | 8187.8  | 8605.8  | 8975.8  | 9195.1  | 9023.8  | 9010.1  | 8975.8  | 8825.1  |
| 10°   | 6296.8  | 6152.9  | 6125.5  | 6070.7  | 6200.8  | 6516.0  | 6783.2  | 6570.8  | 6420.1  | 6625.6  | 6564.0  |
| 12.5° | 5145.7  | 4947.0  | 4837.3  | 4618.1  | 4624.9  | 4837.3  | 4837.3  | 4837.3  | 4988.1  | 5104.6  | 5193.6  |
| 15°   | 3946.6  | 3782.2  | 3782.2  | 3562.9  | 3515.0  | 3521.8  | 3631.4  | 3645.1  | 3884.9  | 3953.5  | 3987.7  |
| 17.5° | 2761.3  | 2672.2  | 2775.0  | 2864.0  | 2809.2  | 2822.9  | 2864.0  | 2877.7  | 2912.0  | 2884.6  | 2953.1  |
| 20°   | 2124.0  | 2110.3  | 2137.7  | 2295.3  | 2411.8  | 2480.3  | 2432.4  | 2363.9  | 2322.7  | 2226.8  | 2226.8  |
| 22.5° | 1802.0  | 1829.4  | 1877.4  | 2007.6  | 2158.3  | 2199.4  | 2144.6  | 1987.0  | 1863.7  | 1850.0  | 1856.8  |
| 25°   | 1603.3  | 1630.7  | 1706.1  | 1788.3  | 1870.5  | 1939.0  | 1884.2  | 1767.8  | 1699.2  | 1637.6  | 1637.6  |
| 27.5° | 1480.0  | 1493.7  | 1534.8  | 1596.5  | 1665.0  | 1719.8  | 1699.2  | 1637.6  | 1562.2  | 1534.8  | 1473.1  |
| 30°   | 1384.1  | 1404.6  | 1452.6  | 1466.3  | 1527.9  | 1555.3  | 1521.1  | 1507.4  | 1459.4  | 1425.2  | 1404.6  |
| 32.5° | 1336.1  | 1329.2  | 1363.5  | 1377.2  | 1384.1  | 1404.6  | 1363.5  | 1384.1  | 1377.2  | 1322.4  | 1301.8  |
| 35°   | 1007.2  | 1062.0  | 1151.1  | 1226.5  | 1247.0  | 1274.4  | 1267.6  | 1240.2  | 1164.8  | 1103.1  | 1027.8  |
| 37.5° | 904.4   | 938.7   | 986.7   | 1048.3  | 1130.5  | 1164.8  | 1151.1  | 1082.6  | 993.5   | 952.4   | 938.7   |
| 40°   | 835.9   | 856.5   | 897.6   | 938.7   | 1020.9  | 1082.6  | 1034.6  | 972.9   | 904.4   | 870.2   | 849.6   |
| 42.5° | 774.2   | 781.1   | 801.7   | 842.8   | 904.4   | 1000.4  | 918.1   | 835.9   | 808.5   | 788.0   | 774.2   |
| 45°   | 705.7   | 705.7   | 733.1   | 753.7   | 822.2   | 911.3   | 829.1   | 753.7   | 740.0   | 726.3   | 719.4   |
| 47.5° | 650.9   | 657.8   | 671.5   | 698.9   | 753.7   | 815.4   | 760.5   | 698.9   | 664.6   | 657.8   | 644.1   |
| 50°   | 582.4   | 589.3   | 616.7   | 644.1   | 712.6   | 746.8   | 712.6   | 644.1   | 609.8   | 589.3   | 589.3   |
| 52°   | 527.6   | 548.1   | 575.5   | 630.4   | 678.3   | 733.1   | 692.0   | 616.7   | 575.5   | 555.0   | 541.3   |
| 52.5° | 520.7   | 534.4   | 561.8   | 623.5   | 678.3   | 726.3   | 685.2   | 609.8   | 561.8   | 548.1   | 534.4   |
| 55°   | 465.9   | 486.5   | 534.4   | 609.8   | 671.5   | 726.3   | 671.5   | 603.0   | 534.4   | 500.2   | 486.5   |
| 57.5° | 445.4   | 459.1   | 520.7   | 616.7   | 664.6   | 726.3   | 671.5   | 603.0   | 534.4   | 472.8   | 459.1   |
| 60°   | 424.8   | 452.2   | 520.7   | 596.1   | 657.8   | 733.1   | 678.3   | 596.1   | 520.7   | 445.4   | 445.4   |
| 62.5° | 404.3   | 424.8   | 513.9   | 582.4   | 630.4   | 705.7   | 650.9   | 582.4   | 500.2   | 424.8   | 418.0   |
| 65°   | 349.4   | 383.7   | 452.2   | 486.5   | 541.3   | 609.8   | 555.0   | 507.0   | 438.5   | 376.8   | 370.0   |
| 67.5° | 267.2   | 280.9   | 335.7   | 376.8   | 411.1   | 472.8   | 445.4   | 383.7   | 335.7   | 287.8   | 287.8   |
| 70°   | 185.0   | 198.7   | 239.8   | 260.4   | 294.6   | 328.9   | 308.3   | 260.4   | 226.1   | 198.7   | 191.8   |
| 72.5° | 130.2   | 137.0   | 150.7   | 164.4   | 178.1   | 191.8   | 185.0   | 150.7   | 130.2   | 123.3   | 116.5   |
| 75°   | 102.8   | 116.5   | 123.3   | 116.5   | 109.6   | 102.8   | 102.8   | 89.1    | 75.4    | 68.5    | 68.5    |
| 77.5° | 102.8   | 109.6   | 102.8   | 89.1    | 75.4    | 68.5    | 61.7    | 54.8    | 41.1    | 34.3    | 41.1    |
| 80°   | 89.1    | 89.1    | 89.1    | 75.4    | 68.5    | 61.7    | 54.8    | 48.0    | 41.1    | 34.3    | 34.3    |
| 82.5° | 95.9    | 95.9    | 89.1    | 75.4    | 75.4    | 61.7    | 61.7    | 54.8    | 48.0    | 34.3    | 34.3    |
| 85°   | 0.0     | 0.0     | 0.0     | 13.7    | 34.3    | 61.7    | 61.7    | 54.8    | 48.0    | 41.1    | 41.1    |
| 87.5° | 0.0     | 0.0     | 0.0     | 0.0     | 6.9     | 13.7    | 27.4    | 34.3    | 41.1    | 41.1    | 41.1    |
| 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°    | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 |
| 2.5°  | 15128.7 | 15389.0 | 15882.4 | 16375.7 | 16677.2 | 17033.5 | 17677.5 | 18020.1 | 18465.5 | 18684.7 | 19116.4 |
| 5°    | 12189.3 | 12805.9 | 13025.2 | 13587.0 | 14190.0 | 14792.9 | 15752.2 | 16807.4 | 17684.4 | 18287.3 | 19068.4 |
| 7.5°  | 8893.6  | 9037.5  | 9887.1  | 10263.9 | 11250.6 | 12346.9 | 13655.6 | 14984.8 | 16094.8 | 17081.4 | 17677.5 |
| 10°   | 6666.8  | 7194.3  | 7728.8  | 8448.2  | 9243.0  | 10373.6 | 11627.4 | 13093.7 | 14532.6 | 15519.2 | 16272.9 |
| 12.5° | 5358.1  | 5776.0  | 6488.6  | 7262.9  | 8242.7  | 8989.5  | 10250.2 | 11702.8 | 13566.5 | 14532.6 | 15526.1 |
| 15°   | 4056.2  | 4590.7  | 5399.2  | 6200.8  | 7235.5  | 8023.4  | 9297.8  | 11127.3 | 13525.4 | 14854.6 | 15711.1 |
| 17.5° | 3007.9  | 3371.1  | 4097.4  | 4994.9  | 6050.1  | 7160.1  | 8879.9  | 11065.6 | 13984.4 | 15567.2 | 16451.1 |
| 20°   | 2302.2  | 2425.5  | 2884.6  | 3686.2  | 4830.5  | 6283.1  | 8201.6  | 11332.8 | 15341.1 | 17300.7 | 18198.3 |
| 22.5° | 1863.7  | 1918.5  | 2096.6  | 2651.6  | 3761.6  | 5515.7  | 7879.5  | 11517.8 | 16869.0 | 19376.8 | 20575.8 |
| 25°   | 1623.9  | 1610.2  | 1726.6  | 1966.5  | 2939.4  | 4796.2  | 7468.4  | 12216.7 | 18739.6 | 21816.0 | 22891.7 |
| 27.5° | 1480.0  | 1480.0  | 1534.8  | 1706.1  | 2439.2  | 4330.3  | 7208.0  | 12716.9 | 20623.8 | 23960.6 | 24543.0 |
| 30°   | 1404.6  | 1418.3  | 1575.9  | 1630.7  | 2028.1  | 3775.3  | 6776.4  | 13223.9 | 22425.8 | 25330.9 | 26132.6 |
| 32.5° | 1301.8  | 1247.0  | 1212.8  | 1349.8  | 1706.1  | 3275.1  | 6344.7  | 13436.3 | 23885.2 | 27009.6 | 27694.8 |
| 35°   | 1000.4  | 972.9   | 1014.1  | 1116.8  | 1466.3  | 2850.3  | 5865.1  | 13676.1 | 25563.9 | 28955.5 | 29092.6 |
| 37.5° | 904.4   | 897.6   | 925.0   | 1014.1  | 1233.3  | 2480.3  | 5522.5  | 13614.4 | 26845.2 | 30565.7 | 30195.7 |
| 40°   | 835.9   | 835.9   | 856.5   | 931.8   | 1103.1  | 2220.0  | 5166.2  | 13559.6 | 28085.4 | 32374.6 | 31292.0 |
| 42.5° | 781.1   | 781.1   | 815.4   | 863.3   | 1048.3  | 2048.7  | 4899.0  | 13484.3 | 29126.8 | 33484.5 | 31936.0 |
| 45°   | 705.7   | 726.3   | 781.1   | 829.1   | 1062.0  | 1932.2  | 4700.3  | 13196.5 | 29483.1 | 33470.8 | 31627.7 |
| 47.5° | 650.9   | 678.3   | 733.1   | 801.7   | 959.2   | 1897.9  | 4563.3  | 12943.0 | 29359.8 | 32648.6 | 30661.6 |
| 50°   | 589.3   | 623.5   | 698.9   | 815.4   | 815.4   | 1829.4  | 4419.4  | 13169.1 | 29270.7 | 32011.4 | 29736.6 |
| 52°   | 548.1   | 575.5   | 671.5   | 794.8   | 712.6   | 1685.5  | 4330.3  | 13607.6 | 29633.8 | 31929.2 | 29325.5 |
| 52.5° | 541.3   | 561.8   | 650.9   | 781.1   | 678.3   | 1658.1  | 4268.6  | 13710.4 | 29750.3 | 31723.6 | 29606.4 |
| 55°   | 479.6   | 507.0   | 596.1   | 609.8   | 555.0   | 1363.5  | 4069.9  | 13943.3 | 29174.8 | 31319.4 | 29339.2 |
| 57.5° | 452.2   | 465.9   | 527.6   | 500.2   | 479.6   | 1027.8  | 3501.2  | 13580.2 | 25913.3 | 27818.1 | 27297.4 |
| 60°   | 418.0   | 431.7   | 493.3   | 390.6   | 404.3   | 719.4   | 2631.1  | 11791.9 | 20808.8 | 23179.5 | 24118.2 |
| 62.5° | 404.3   | 397.4   | 465.9   | 315.2   | 342.6   | 520.7   | 1856.8  | 9585.6  | 16033.1 | 19082.1 | 20706.0 |
| 65°   | 356.3   | 349.4   | 335.7   | 267.2   | 294.6   | 404.3   | 1110.0  | 6255.7  | 11298.5 | 14436.7 | 15327.4 |
| 67.5° | 274.1   | 287.8   | 246.7   | 212.4   | 246.7   | 315.2   | 616.7   | 2802.4  | 5926.8  | 8660.6  | 9380.1  |
| 70°   | 191.8   | 205.6   | 198.7   | 185.0   | 219.3   | 260.4   | 356.3   | 959.2   | 2452.9  | 4549.6  | 5015.5  |
| 72.5° | 116.5   | 143.9   | 150.7   | 157.6   | 191.8   | 226.1   | 253.5   | 308.3   | 650.9   | 1610.2  | 2000.7  |
| 75°   | 68.5    | 95.9    | 116.5   | 137.0   | 157.6   | 191.8   | 212.4   | 219.3   | 226.1   | 301.5   | 486.5   |
| 77.5° | 48.0    | 68.5    | 102.8   | 130.2   | 157.6   | 191.8   | 226.1   | 239.8   | 226.1   | 212.4   | 226.1   |
| 80°   | 41.1    | 68.5    | 95.9    | 123.3   | 164.4   | 198.7   | 226.1   | 226.1   | 219.3   | 191.8   | 205.6   |
| 82.5° | 41.1    | 68.5    | 102.8   | 130.2   | 157.6   | 191.8   | 219.3   | 226.1   | 205.6   | 191.8   | 198.7   |
| 85°   | 48.0    | 75.4    | 109.6   | 137.0   | 171.3   | 157.6   | 143.9   | 116.5   | 109.6   | 89.1    | 95.9    |
| 87.5° | 48.0    | 68.5    | 68.5    | 75.4    | 82.2    | 82.2    | 82.2    | 75.4    | 61.7    | 54.8    | 54.8    |
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |



REPORT NUMBER: P533437

CATALOG NUMBER: GLAN-SA8D-760-U-SLR-GRSBK

**CANDELA DISTRIBUTION (continued):**

|       | 285°    | 295°    | 305°    | 315°    | 325°    | 335°    | 345°    | 355°    | 359°    | 360°    |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0°    | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 | 17513.1 |
| 2.5°  | 19137.0 | 19685.1 | 19664.5 | 19678.2 | 19596.0 | 19041.0 | 18773.8 | 18095.5 | 18287.3 | 18205.1 |
| 5°    | 19870.1 | 20411.4 | 20877.3 | 20822.5 | 20192.1 | 19438.4 | 18321.6 | 17266.4 | 16978.7 | 16553.8 |
| 7.5°  | 19137.0 | 20438.8 | 20870.5 | 20808.8 | 19876.9 | 18910.8 | 17129.4 | 16074.2 | 15574.0 | 15293.1 |
| 10°   | 17972.2 | 19479.5 | 20014.0 | 20123.6 | 19493.2 | 18027.0 | 16389.4 | 14697.0 | 14429.8 | 13943.3 |
| 12.5° | 17307.5 | 18403.8 | 18732.7 | 19027.3 | 18808.1 | 17711.8 | 15827.6 | 14203.7 | 13833.7 | 13511.7 |
| 15°   | 16766.2 | 17417.2 | 17554.2 | 17889.9 | 18020.1 | 17430.9 | 16122.2 | 14738.1 | 13826.8 | 13792.6 |
| 17.5° | 17266.4 | 16999.2 | 16499.0 | 16601.8 | 17012.9 | 17437.7 | 16882.7 | 15793.3 | 14909.4 | 14799.8 |
| 20°   | 18095.5 | 16917.0 | 15786.4 | 16040.0 | 16382.6 | 17684.4 | 18033.8 | 17266.4 | 16759.4 | 16478.5 |
| 22.5° | 19047.9 | 17060.9 | 15560.3 | 15683.7 | 16334.6 | 18239.4 | 19897.5 | 19472.7 | 18527.2 | 18122.9 |
| 25°   | 20808.8 | 17458.3 | 15738.5 | 15820.7 | 16711.4 | 19013.6 | 21583.0 | 21898.2 | 21336.4 | 21254.2 |
| 27.5° | 22528.6 | 18486.0 | 16129.0 | 15944.0 | 16903.3 | 19767.3 | 22603.9 | 24296.3 | 23309.7 | 23117.8 |
| 30°   | 23405.6 | 19322.0 | 16711.4 | 16396.3 | 17698.1 | 20226.4 | 23220.6 | 25858.5 | 24995.2 | 24906.1 |
| 32.5° | 24748.5 | 20082.5 | 17163.7 | 16759.4 | 18143.5 | 20795.1 | 24371.7 | 27564.6 | 26728.7 | 26283.3 |
| 35°   | 25310.4 | 20911.6 | 18157.2 | 17684.4 | 19417.9 | 21589.9 | 24961.0 | 29085.7 | 28825.3 | 28393.7 |
| 37.5° | 26393.0 | 21802.3 | 19328.8 | 19301.4 | 20959.5 | 22624.5 | 26023.0 | 31154.9 | 31107.0 | 30360.1 |
| 40°   | 26482.0 | 22775.2 | 21178.8 | 22042.1 | 23343.9 | 24426.5 | 26954.8 | 31730.5 | 32511.6 | 32004.6 |
| 42.5° | 26619.1 | 24481.3 | 24378.6 | 25091.1 | 26208.0 | 25975.0 | 26989.1 | 31867.5 | 33059.7 | 32758.3 |
| 45°   | 26680.7 | 26187.4 | 27633.1 | 28948.7 | 29414.6 | 28003.1 | 26667.0 | 31607.2 | 33347.5 | 32593.8 |
| 47.5° | 26187.4 | 27653.7 | 30264.2 | 32806.2 | 32943.2 | 29250.2 | 26530.0 | 31339.9 | 33518.8 | 33018.6 |
| 50°   | 26255.9 | 28571.8 | 32539.0 | 34813.8 | 34313.6 | 30353.3 | 26317.6 | 31175.5 | 33429.7 | 33094.0 |
| 52°   | 26091.5 | 28592.4 | 32861.0 | 34772.7 | 34423.2 | 29743.5 | 25954.5 | 30545.1 | 33347.5 | 33587.3 |
| 52.5° | 26276.5 | 28469.1 | 32525.3 | 34800.1 | 34347.9 | 30045.0 | 25906.5 | 30894.6 | 33395.5 | 32909.0 |
| 55°   | 25639.3 | 27002.8 | 30558.8 | 31524.9 | 31456.4 | 27270.0 | 24433.4 | 29736.6 | 32141.6 | 32148.4 |
| 57.5° | 23172.6 | 23405.6 | 23967.4 | 23946.9 | 23631.7 | 21439.1 | 20897.9 | 27345.4 | 28654.0 | 27941.5 |
| 60°   | 20418.2 | 17136.2 | 15622.0 | 15005.3 | 14655.9 | 14299.6 | 18486.0 | 25015.8 | 25139.1 | 24837.6 |
| 62.5° | 17643.3 | 11880.9 | 9866.5  | 9695.2  | 9777.5  | 11079.3 | 17869.4 | 24090.8 | 23350.8 | 22699.9 |
| 65°   | 14238.0 | 8660.6  | 7166.9  | 6940.8  | 7742.5  | 9147.1  | 14464.1 | 18472.3 | 17334.9 | 16793.7 |
| 67.5° | 8941.5  | 6317.3  | 4844.2  | 4419.4  | 5385.5  | 6296.8  | 9503.4  | 11606.9 | 10332.4 | 9585.6  |
| 70°   | 5303.3  | 3528.7  | 2192.6  | 1966.5  | 2213.1  | 3357.4  | 5323.8  | 5789.7  | 4789.4  | 4405.7  |
| 72.5° | 2089.8  | 1295.0  | 609.8   | 520.7   | 541.3   | 1178.5  | 1959.6  | 1911.6  | 1445.7  | 1288.1  |
| 75°   | 561.8   | 390.6   | 212.4   | 171.3   | 143.9   | 219.3   | 315.2   | 205.6   | 75.4    | 95.9    |
| 77.5° | 260.4   | 233.0   | 185.0   | 143.9   | 109.6   | 82.2    | 41.1    | 13.7    | 13.7    | 6.9     |
| 80°   | 226.1   | 198.7   | 171.3   | 143.9   | 109.6   | 68.5    | 34.3    | 6.9     | 6.9     | 6.9     |
| 82.5° | 212.4   | 185.0   | 157.6   | 130.2   | 102.8   | 68.5    | 34.3    | 6.9     | 0.0     | 0.0     |
| 85°   | 89.1    | 116.5   | 130.2   | 123.3   | 109.6   | 68.5    | 34.3    | 6.9     | 0.0     | 0.0     |
| 87.5° | 48.0    | 41.1    | 34.3    | 27.4    | 20.6    | 13.7    | 13.7    | 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     |

(END OF REPORT)