

Scaled data based on original data using  
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P624593

Luminaire Tested: **IFLD-S-SA6B-940-U-77**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P624593  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6B-940-U-77  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7 distribution lens  
Light Source: (96) 4000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

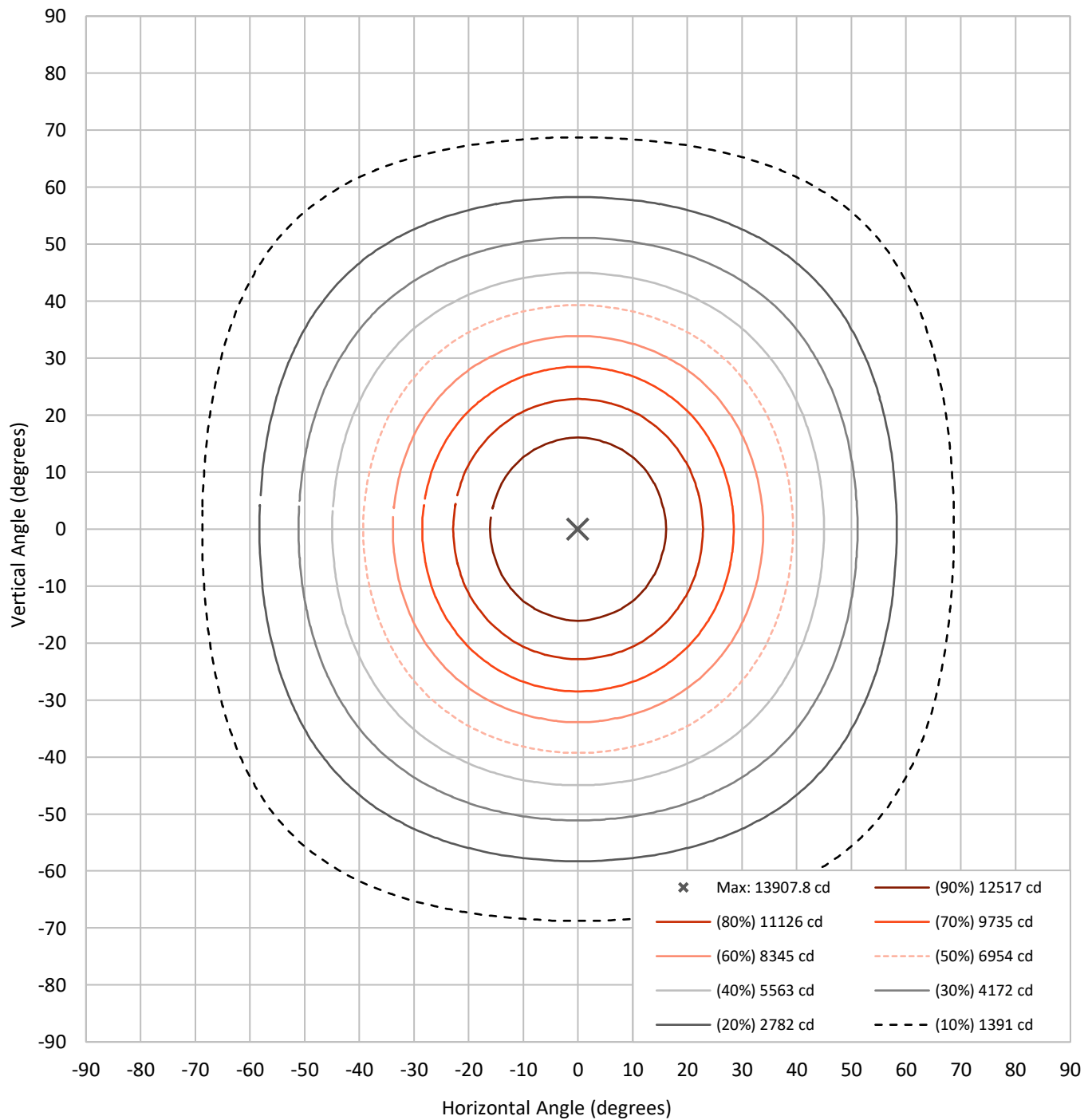
|                                   |                                      |                      |                   |
|-----------------------------------|--------------------------------------|----------------------|-------------------|
| Lumens per Lamp:                  | N/A                                  | NEMA Type:           | 7H x 7V           |
| Luminaire Lumens:                 | 25041.3 lumens                       | Max Intensity:       | 13907.8 candela   |
| Efficiency:                       | N/A                                  | Max Intensity Angle: | 0°H x 0°V         |
| Efficacy:                         | 102.3 lumens/watt                    |                      |                   |
| Luminous Opening:                 | Rectangular (W 1.5' x L: 1' x H: 0') |                      |                   |
| Beam Angle (50%):                 | 78.6°H x 78.6°V                      | Field Angle (10%):   | 137.5°H x 137.5°V |
| Beam Lumens:                      | 10835.1 lumens                       | Field Lumens:        | 17742.1 lumens    |
| Beam Efficiency:                  | 43.3%                                | Field Efficiency:    | 70.9%             |
| Input Watts (W):                  | 244.9                                |                      |                   |
| Input Voltage (V):                | 120                                  |                      |                   |
| 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:                    | 25 FT                                |                      |                   |



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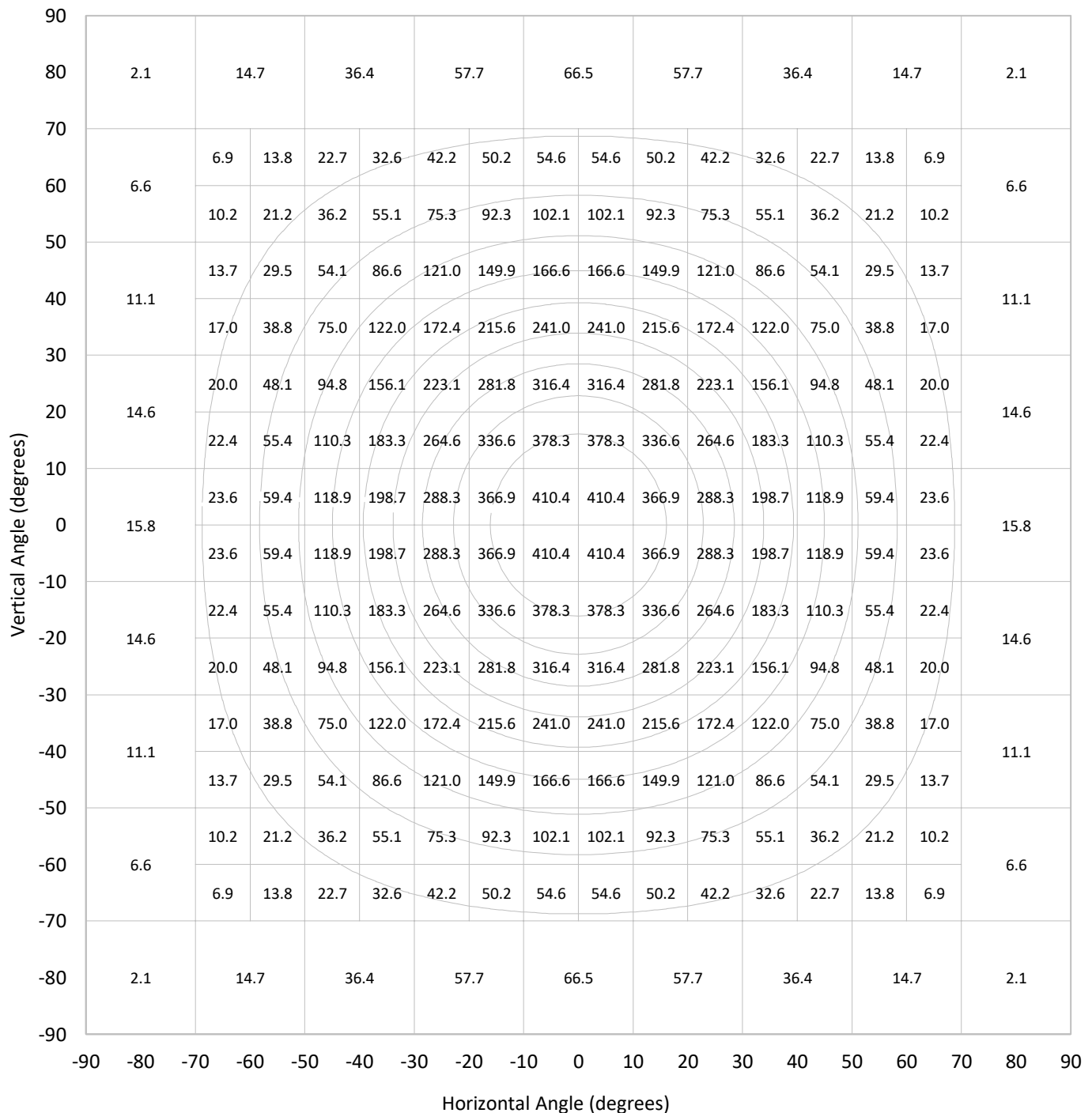
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## Iso-Candela Plot



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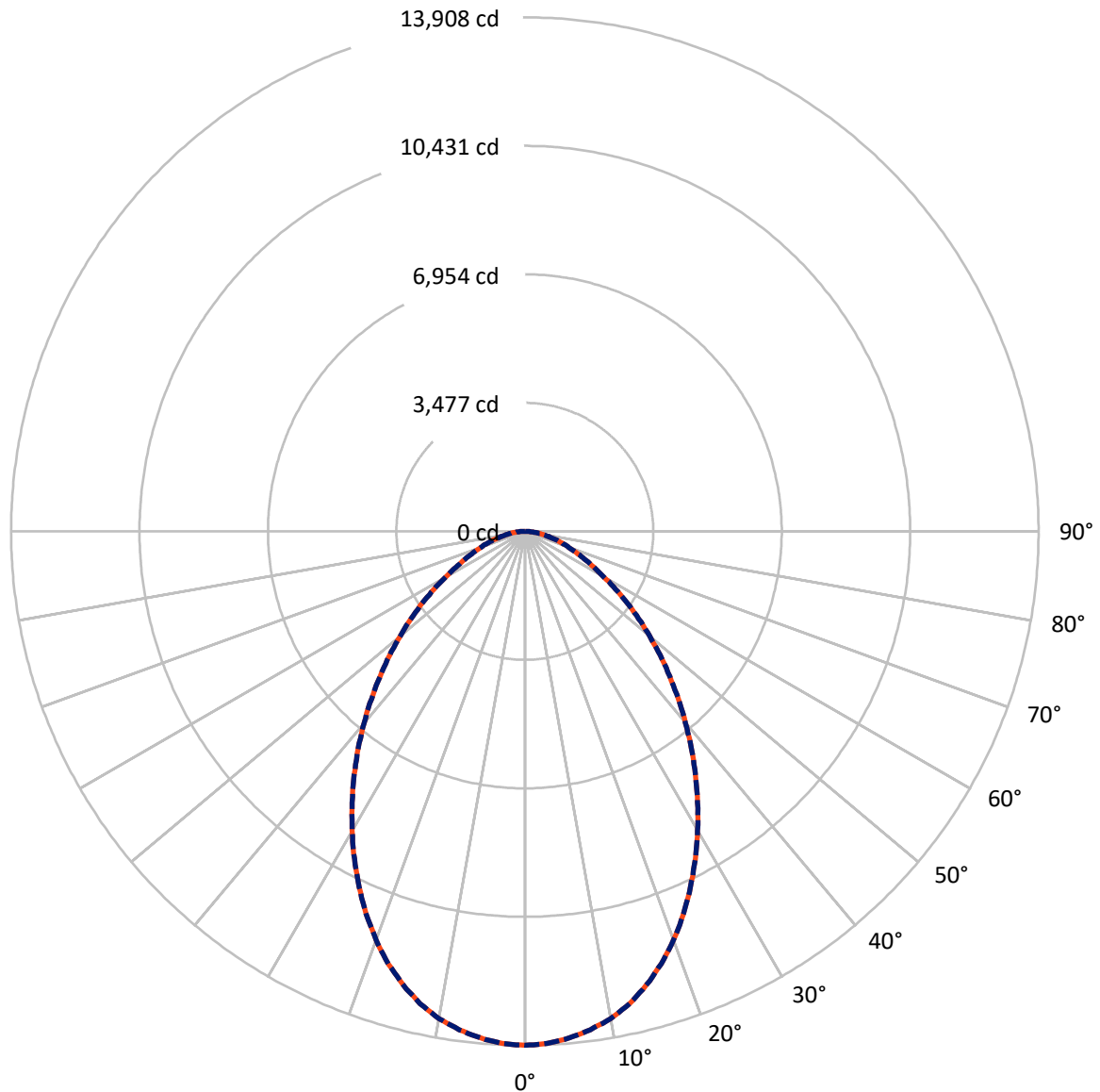
## Lumen Table



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## Luminous Intensity Polar Plot

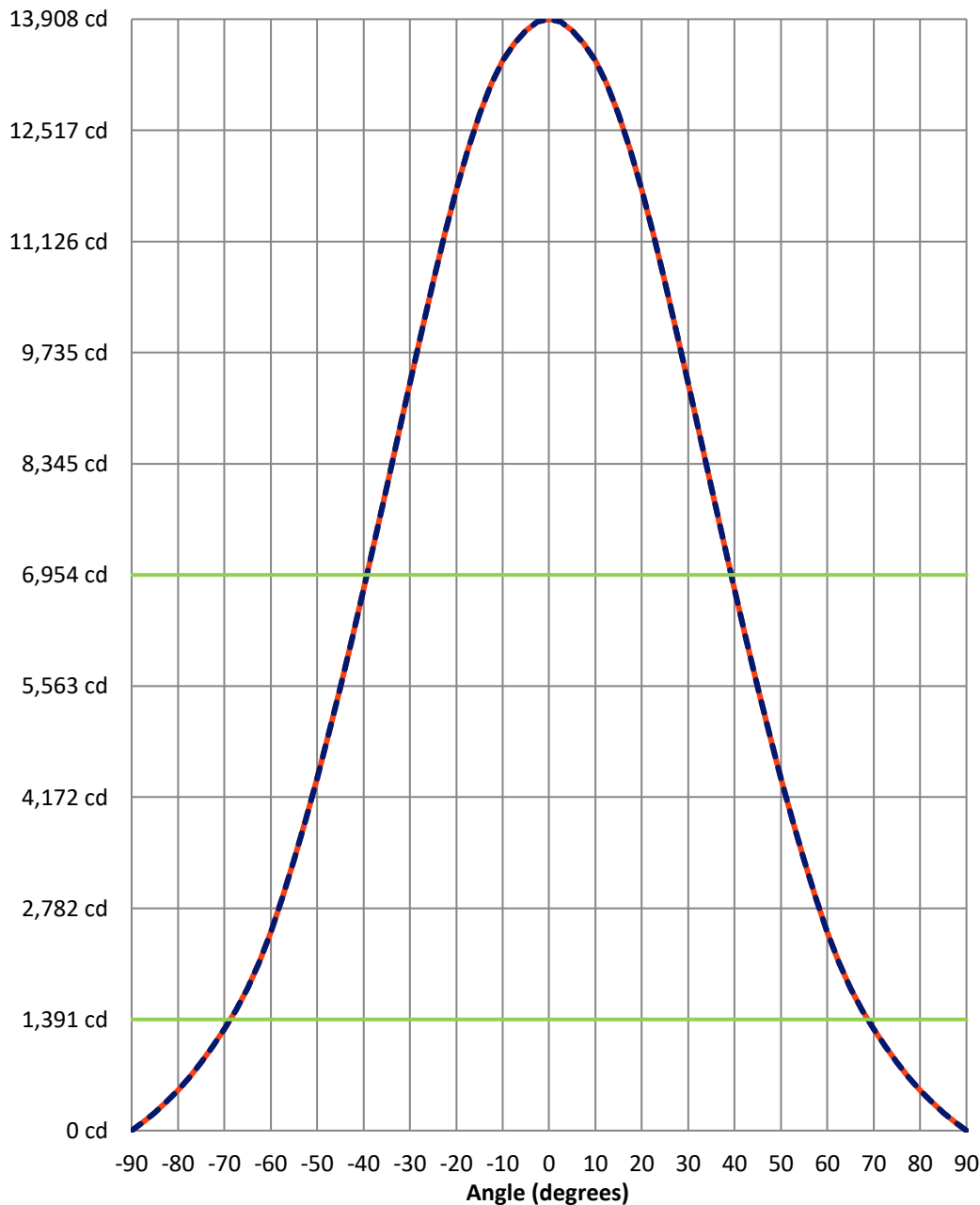


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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## Luminous Intensity Plot



**Beam:**

H Angle: 78.6°  
V Angle: 78.6°  
Lumens: 10835.1  
Efficiency: 43.3%

**Field:**

H Angle: 137.5°  
V Angle: 137.5°  
Lumens: 17742.1  
Efficiency: 70.9%

**Spill:**

Lumens: 7299.2  
Efficiency: 29.1%

— Vertical Distribution through 0-Deg  
- - - Horizontal Distribution through 0-Deg



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FIELD  
BEAM

**CANDELA DISTRIBUTION:**

|       | 0°      | 2.5°    | 5°      | 7.5°    | 10°     | 12.5°   | 15°     | 17.5°   | 20°     | 22.5°   | 25°     |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 90°   | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| 87.5° | 107.0   | 107.0   | 107.0   | 107.0   | 107.0   | 107.0   | 107.0   | 101.8   | 101.8   | 99.2    | 96.6    |
| 85°   | 224.5   | 224.5   | 224.5   | 224.5   | 224.5   | 219.3   | 216.7   | 214.1   | 211.5   | 206.3   | 203.6   |
| 82.5° | 360.3   | 360.3   | 360.3   | 360.3   | 355.1   | 349.8   | 347.2   | 342.0   | 336.8   | 329.0   | 321.1   |
| 80°   | 503.9   | 503.9   | 503.9   | 503.9   | 496.1   | 490.8   | 483.0   | 477.8   | 469.9   | 459.5   | 449.1   |
| 77.5° | 668.4   | 668.4   | 668.4   | 660.5   | 655.3   | 647.5   | 639.6   | 629.2   | 618.8   | 605.7   | 590.0   |
| 75°   | 853.7   | 853.7   | 853.7   | 843.3   | 835.5   | 827.6   | 814.6   | 801.5   | 785.9   | 767.6   | 746.7   |
| 72.5° | 1054.8  | 1054.8  | 1054.8  | 1041.7  | 1033.9  | 1020.8  | 1005.2  | 986.9   | 968.6   | 945.1   | 919.0   |
| 70°   | 1271.5  | 1271.5  | 1271.5  | 1255.8  | 1242.7  | 1229.7  | 1208.8  | 1187.9  | 1161.8  | 1135.7  | 1104.4  |
| 67.5° | 1506.4  | 1506.4  | 1506.4  | 1488.2  | 1472.5  | 1454.2  | 1430.7  | 1404.6  | 1373.3  | 1336.7  | 1300.2  |
| 65°   | 1780.6  | 1780.6  | 1770.1  | 1754.5  | 1736.2  | 1710.1  | 1681.4  | 1644.8  | 1605.6  | 1558.7  | 1509.0  |
| 62.5° | 2104.3  | 2104.3  | 2088.7  | 2070.4  | 2046.9  | 2012.9  | 1973.8  | 1926.8  | 1872.0  | 1811.9  | 1751.9  |
| 60°   | 2480.3  | 2480.3  | 2462.0  | 2438.5  | 2404.6  | 2362.8  | 2310.6  | 2250.5  | 2182.6  | 2106.9  | 2033.8  |
| 57.5° | 2913.7  | 2913.7  | 2890.2  | 2858.8  | 2817.1  | 2764.9  | 2699.6  | 2623.9  | 2537.7  | 2443.7  | 2352.3  |
| 55°   | 3383.6  | 3383.6  | 3354.9  | 3318.3  | 3268.7  | 3206.1  | 3127.8  | 3039.0  | 2934.6  | 2827.5  | 2710.0  |
| 52.5° | 3882.3  | 3882.3  | 3848.3  | 3806.6  | 3749.1  | 3676.0  | 3587.3  | 3482.8  | 3362.7  | 3237.4  | 3099.0  |
| 50°   | 4407.1  | 4407.1  | 4367.9  | 4320.9  | 4255.6  | 4169.5  | 4067.6  | 3947.5  | 3814.4  | 3668.2  | 3508.9  |
| 47.5° | 4968.4  | 4968.4  | 4924.0  | 4869.2  | 4790.8  | 4691.6  | 4571.5  | 4433.2  | 4281.7  | 4117.3  | 3937.1  |
| 45°   | 5545.4  | 5545.4  | 5495.8  | 5433.1  | 5346.9  | 5234.7  | 5101.5  | 4968.4  | 4775.2  | 4584.6  | 4375.7  |
| 42.5° | 6145.9  | 6145.9  | 6088.4  | 6017.9  | 5918.7  | 5796.0  | 5644.6  | 5472.3  | 5281.7  | 5067.6  | 4840.4  |
| 40°   | 6769.8  | 6769.8  | 6704.6  | 6623.6  | 6514.0  | 6373.0  | 6203.3  | 6010.1  | 5796.0  | 5558.4  | 5307.8  |
| 37.5° | 7406.9  | 7406.9  | 7333.8  | 7245.0  | 7122.3  | 6965.6  | 6775.1  | 6561.0  | 6320.8  | 6057.1  | 5780.3  |
| 35°   | 8049.1  | 8049.1  | 7968.2  | 7871.6  | 7735.8  | 7563.5  | 7357.3  | 7119.7  | 6853.4  | 6566.2  | 6255.5  |
| 32.5° | 8704.4  | 8704.4  | 8615.7  | 8506.0  | 8352.0  | 8161.4  | 7934.3  | 7675.8  | 7406.9  | 7072.7  | 6733.3  |
| 30°   | 9351.9  | 9351.9  | 9255.3  | 9135.2  | 8970.8  | 8761.9  | 8513.9  | 8229.3  | 7913.4  | 7571.4  | 7205.8  |
| 27.5° | 9989.0  | 9962.9  | 9881.9  | 9754.0  | 9573.9  | 9351.9  | 9083.0  | 8774.9  | 8432.9  | 8057.0  | 7665.3  |
| 25°   | 10615.6 | 10586.8 | 10498.1 | 10357.1 | 10163.9 | 9921.1  | 9631.3  | 9302.3  | 8934.2  | 8537.4  | 8109.2  |
| 22.5° | 11216.1 | 11184.7 | 11090.7 | 10939.3 | 10733.1 | 10469.4 | 10158.7 | 9806.2  | 9414.6  | 8989.0  | 8537.4  |
| 20°   | 11772.2 | 11738.2 | 11641.6 | 11482.4 | 11268.3 | 10988.9 | 10659.9 | 10281.4 | 9863.7  | 9414.6  | 8934.2  |
| 17.5° | 12273.4 | 12239.5 | 12137.7 | 11973.2 | 11772.2 | 11461.5 | 11122.1 | 10722.6 | 10281.4 | 9806.2  | 9302.3  |
| 15°   | 12714.7 | 12678.1 | 12573.7 | 12409.2 | 12179.4 | 11887.0 | 11529.3 | 11122.1 | 10659.9 | 10158.7 | 9631.3  |
| 12.5° | 13090.6 | 13054.1 | 12947.0 | 12782.5 | 12545.0 | 12252.5 | 11887.0 | 11461.5 | 10988.9 | 10469.4 | 9921.1  |
| 10°   | 13388.2 | 13351.7 | 13249.9 | 13093.2 | 12847.8 | 12545.0 | 12179.4 | 11772.2 | 11268.3 | 10733.1 | 10163.9 |
| 7.5°  | 13602.3 | 13568.4 | 13474.4 | 13317.8 | 13093.2 | 12782.5 | 12409.2 | 11973.2 | 11482.4 | 10939.3 | 10357.1 |
| 5°    | 13764.2 | 13725.0 | 13631.1 | 13474.4 | 13249.9 | 12947.0 | 12573.7 | 12137.7 | 11641.6 | 11090.7 | 10498.1 |
| 2.5°  | 13876.5 | 13829.5 | 13725.0 | 13568.4 | 13351.7 | 13054.1 | 12678.1 | 12239.5 | 11738.2 | 11184.7 | 10586.8 |
| 0°    | 13907.8 | 13876.5 | 13764.2 | 13602.3 | 13388.2 | 13090.6 | 12714.7 | 12273.4 | 11772.2 | 11216.1 | 10615.6 |

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**CANDELA DISTRIBUTION (continued):**

|       | 27.5°  | 30°    | 32.5°  | 35°    | 37.5°  | 40°    | 42.5°  | 45°    | 47.5°  | 50°    | 52.5°  |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 94.0   | 94.0   | 91.4   | 88.8   | 86.2   | 80.9   | 78.3   | 75.7   | 73.1   | 67.9   | 65.3   |
| 85°   | 198.4  | 193.2  | 188.0  | 182.8  | 174.9  | 169.7  | 161.9  | 156.6  | 148.8  | 141.0  | 133.2  |
| 82.5° | 313.3  | 305.5  | 295.0  | 287.2  | 276.7  | 263.7  | 253.2  | 240.2  | 227.1  | 216.7  | 203.6  |
| 80°   | 438.6  | 425.6  | 412.5  | 399.5  | 383.8  | 368.1  | 352.5  | 336.8  | 318.5  | 300.2  | 282.0  |
| 77.5° | 574.4  | 556.1  | 537.8  | 516.9  | 498.7  | 477.8  | 456.9  | 436.0  | 412.5  | 389.0  | 365.5  |
| 75°   | 725.8  | 702.3  | 676.2  | 650.1  | 626.6  | 597.9  | 569.2  | 540.4  | 509.1  | 480.4  | 449.1  |
| 72.5° | 890.3  | 861.6  | 830.2  | 798.9  | 765.0  | 728.4  | 691.9  | 652.7  | 616.2  | 579.6  | 540.4  |
| 70°   | 1067.8 | 1033.9 | 994.7  | 955.6  | 913.8  | 869.4  | 825.0  | 778.0  | 731.0  | 684.0  | 637.0  |
| 67.5° | 1258.4 | 1216.6 | 1169.6 | 1122.6 | 1070.4 | 1018.2 | 966.0  | 911.2  | 853.7  | 796.3  | 741.5  |
| 65°   | 1462.1 | 1409.8 | 1355.0 | 1295.0 | 1234.9 | 1174.9 | 1112.2 | 1046.9 | 981.7  | 913.8  | 853.7  |
| 62.5° | 1689.2 | 1623.9 | 1553.4 | 1480.3 | 1412.4 | 1339.3 | 1271.5 | 1190.5 | 1112.2 | 1036.5 | 960.8  |
| 60°   | 1952.9 | 1866.7 | 1780.6 | 1689.2 | 1603.0 | 1509.0 | 1425.5 | 1336.7 | 1248.0 | 1161.8 | 1073.0 |
| 57.5° | 2247.9 | 2138.3 | 2033.8 | 1924.2 | 1809.3 | 1704.9 | 1597.8 | 1490.8 | 1391.6 | 1289.7 | 1193.1 |
| 55°   | 2582.1 | 2448.9 | 2318.4 | 2182.6 | 2049.5 | 1918.9 | 1783.2 | 1663.1 | 1540.4 | 1425.5 | 1313.2 |
| 52.5° | 2947.6 | 2796.2 | 2634.3 | 2480.3 | 2310.6 | 2148.7 | 1997.3 | 1845.8 | 1702.2 | 1563.9 | 1435.9 |
| 50°   | 3339.2 | 3161.7 | 2976.3 | 2788.3 | 2595.1 | 2404.6 | 2221.8 | 2044.3 | 1877.2 | 1715.3 | 1563.9 |
| 47.5° | 3746.5 | 3545.5 | 3334.0 | 3119.9 | 2913.7 | 2681.3 | 2462.0 | 2261.0 | 2059.9 | 1877.2 | 1702.2 |
| 45°   | 4164.2 | 3937.1 | 3704.7 | 3461.9 | 3219.1 | 2968.5 | 2725.7 | 2480.3 | 2261.0 | 2044.3 | 1845.8 |
| 42.5° | 4595.0 | 4339.2 | 4080.7 | 3811.8 | 3542.9 | 3268.7 | 2994.6 | 2725.7 | 2462.0 | 2221.8 | 1997.3 |
| 40°   | 5038.9 | 4756.9 | 4461.9 | 4169.5 | 3882.3 | 3569.0 | 3268.7 | 2968.5 | 2681.3 | 2404.6 | 2148.7 |
| 37.5° | 5482.7 | 5174.6 | 4856.1 | 4527.1 | 4198.2 | 3882.3 | 3542.9 | 3219.1 | 2913.7 | 2595.1 | 2310.6 |
| 35°   | 5929.2 | 5589.8 | 5245.1 | 4887.4 | 4527.1 | 4169.5 | 3811.8 | 3461.9 | 3119.9 | 2788.3 | 2480.3 |
| 32.5° | 6378.2 | 6007.5 | 5626.3 | 5245.1 | 4856.1 | 4461.9 | 4080.7 | 3704.7 | 3334.0 | 2976.3 | 2634.3 |
| 30°   | 6819.4 | 6417.4 | 6007.5 | 5589.8 | 5174.6 | 4756.9 | 4339.2 | 3937.1 | 3545.5 | 3161.7 | 2796.2 |
| 27.5° | 7250.2 | 6819.4 | 6378.2 | 5929.2 | 5482.7 | 5038.9 | 4595.0 | 4164.2 | 3746.5 | 3339.2 | 2947.6 |
| 25°   | 7665.3 | 7205.8 | 6733.3 | 6255.5 | 5780.3 | 5307.8 | 4840.4 | 4375.7 | 3937.1 | 3508.9 | 3099.0 |
| 22.5° | 8057.0 | 7571.4 | 7072.7 | 6566.2 | 6057.1 | 5558.4 | 5067.6 | 4584.6 | 4117.3 | 3668.2 | 3237.4 |
| 20°   | 8432.9 | 7913.4 | 7406.9 | 6853.4 | 6320.8 | 5796.0 | 5281.7 | 4775.2 | 4281.7 | 3814.4 | 3362.7 |
| 17.5° | 8774.9 | 8229.3 | 7675.8 | 7119.7 | 6561.0 | 6010.1 | 5472.3 | 4968.4 | 4433.2 | 3947.5 | 3482.8 |
| 15°   | 9083.0 | 8513.9 | 7934.3 | 7357.3 | 6775.1 | 6203.3 | 5644.6 | 5101.5 | 4571.5 | 4067.6 | 3587.3 |
| 12.5° | 9351.9 | 8761.9 | 8161.4 | 7563.5 | 6965.6 | 6373.0 | 5796.0 | 5234.7 | 4691.6 | 4169.5 | 3676.0 |
| 10°   | 9573.9 | 8970.8 | 8352.0 | 7735.8 | 7122.3 | 6514.0 | 5918.7 | 5346.9 | 4790.8 | 4255.6 | 3749.1 |
| 7.5°  | 9754.0 | 9135.2 | 8506.0 | 7871.6 | 7245.0 | 6623.6 | 6017.9 | 5433.1 | 4869.2 | 4320.9 | 3806.6 |
| 5°    | 9881.9 | 9255.3 | 8615.7 | 7968.2 | 7333.8 | 6704.6 | 6088.4 | 5495.8 | 4924.0 | 4367.9 | 3848.3 |
| 2.5°  | 9962.9 | 9351.9 | 8704.4 | 8049.1 | 7406.9 | 6769.8 | 6145.9 | 5545.4 | 4968.4 | 4407.1 | 3882.3 |
| 0°    | 9989.0 | 9351.9 | 8704.4 | 8049.1 | 7406.9 | 6769.8 | 6145.9 | 5545.4 | 4968.4 | 4407.1 | 3882.3 |

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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 57.5°  | 60°    | 62.5°  | 65°    | 67.5°  | 70°    | 72.5°  | 75°   | 77.5° | 80°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0   | 0.0   | 0.0   |
| 87.5° | 62.7   | 57.4   | 52.2   | 49.6   | 44.4   | 41.8   | 36.6   | 31.3   | 28.7  | 23.5  | 18.3  |
| 85°   | 125.3  | 114.9  | 107.0  | 99.2   | 91.4   | 80.9   | 73.1   | 65.3   | 54.8  | 47.0  | 36.6  |
| 82.5° | 190.6  | 177.5  | 164.5  | 151.4  | 138.4  | 125.3  | 109.7  | 96.6   | 83.5  | 70.5  | 54.8  |
| 80°   | 263.7  | 242.8  | 224.5  | 206.3  | 188.0  | 169.7  | 148.8  | 130.5  | 109.7 | 91.4  | 73.1  |
| 77.5° | 339.4  | 315.9  | 289.8  | 263.7  | 237.6  | 214.1  | 188.0  | 164.5  | 141.0 | 114.9 | 91.4  |
| 75°   | 420.3  | 389.0  | 360.3  | 326.4  | 295.0  | 261.1  | 229.8  | 198.4  | 169.7 | 141.0 | 109.7 |
| 72.5° | 503.9  | 464.7  | 425.6  | 389.0  | 349.8  | 310.7  | 274.1  | 235.0  | 198.4 | 164.5 | 130.5 |
| 70°   | 590.0  | 543.0  | 496.1  | 451.7  | 407.3  | 360.3  | 318.5  | 274.1  | 229.8 | 188.0 | 148.8 |
| 67.5° | 681.4  | 626.6  | 571.8  | 514.3  | 464.7  | 412.5  | 360.3  | 310.7  | 261.1 | 214.1 | 169.7 |
| 65°   | 780.6  | 715.4  | 647.5  | 587.4  | 522.2  | 464.7  | 407.3  | 349.8  | 295.0 | 237.6 | 188.0 |
| 62.5° | 882.5  | 806.7  | 731.0  | 655.3  | 587.4  | 514.3  | 451.7  | 389.0  | 326.4 | 263.7 | 206.3 |
| 60°   | 986.9  | 900.7  | 814.6  | 731.0  | 647.5  | 571.8  | 496.1  | 425.6  | 360.3 | 289.8 | 224.5 |
| 57.5° | 1093.9 | 997.3  | 900.7  | 806.7  | 715.4  | 626.6  | 543.0  | 464.7  | 389.0 | 315.9 | 242.8 |
| 55°   | 1203.6 | 1093.9 | 986.9  | 882.5  | 780.6  | 681.4  | 590.0  | 503.9  | 420.3 | 339.4 | 263.7 |
| 52.5° | 1313.2 | 1193.1 | 1073.0 | 960.8  | 853.7  | 741.5  | 637.0  | 540.4  | 449.1 | 365.5 | 282.0 |
| 50°   | 1425.5 | 1289.7 | 1161.8 | 1036.5 | 913.8  | 796.3  | 684.0  | 579.6  | 480.4 | 389.0 | 300.2 |
| 47.5° | 1540.4 | 1391.6 | 1248.0 | 1112.2 | 981.7  | 853.7  | 731.0  | 616.2  | 509.1 | 412.5 | 318.5 |
| 45°   | 1663.1 | 1490.8 | 1336.7 | 1190.5 | 1046.9 | 911.2  | 778.0  | 652.7  | 540.4 | 436.0 | 336.8 |
| 42.5° | 1783.2 | 1597.8 | 1425.5 | 1271.5 | 1112.2 | 966.0  | 825.0  | 691.9  | 569.2 | 456.9 | 352.5 |
| 40°   | 1918.9 | 1704.9 | 1509.0 | 1339.3 | 1174.9 | 1018.2 | 869.4  | 728.4  | 597.9 | 477.8 | 368.1 |
| 37.5° | 2049.5 | 1809.3 | 1603.0 | 1412.4 | 1234.9 | 1070.4 | 913.8  | 765.0  | 626.6 | 498.7 | 383.8 |
| 35°   | 2182.6 | 1924.2 | 1689.2 | 1480.3 | 1295.0 | 1122.6 | 955.6  | 798.9  | 650.1 | 516.9 | 399.5 |
| 32.5° | 2318.4 | 2033.8 | 1780.6 | 1553.4 | 1355.0 | 1169.6 | 994.7  | 830.2  | 676.2 | 537.8 | 412.5 |
| 30°   | 2448.9 | 2138.3 | 1866.7 | 1623.9 | 1409.8 | 1216.6 | 1033.9 | 861.6  | 702.3 | 556.1 | 425.6 |
| 27.5° | 2582.1 | 2247.9 | 1952.9 | 1689.2 | 1462.1 | 1258.4 | 1067.8 | 890.3  | 725.8 | 574.4 | 438.6 |
| 25°   | 2710.0 | 2352.3 | 2033.8 | 1751.9 | 1509.0 | 1300.2 | 1104.4 | 919.0  | 746.7 | 590.0 | 449.1 |
| 22.5° | 2827.5 | 2443.7 | 2106.9 | 1811.9 | 1558.7 | 1336.7 | 1135.7 | 945.1  | 767.6 | 605.7 | 459.5 |
| 20°   | 2934.6 | 2537.7 | 2182.6 | 1872.0 | 1605.6 | 1373.3 | 1161.8 | 968.6  | 785.9 | 618.8 | 469.9 |
| 17.5° | 3039.0 | 2623.9 | 2250.5 | 1926.8 | 1644.8 | 1404.6 | 1187.9 | 986.9  | 801.5 | 629.2 | 477.8 |
| 15°   | 3127.8 | 2699.6 | 2310.6 | 1973.8 | 1681.4 | 1430.7 | 1208.8 | 1005.2 | 814.6 | 639.6 | 483.0 |
| 12.5° | 3206.1 | 2764.9 | 2362.8 | 2012.9 | 1710.1 | 1454.2 | 1229.7 | 1020.8 | 827.6 | 647.5 | 490.8 |
| 10°   | 3268.7 | 2817.1 | 2404.6 | 2046.9 | 1736.2 | 1472.5 | 1242.7 | 1033.9 | 835.5 | 655.3 | 496.1 |
| 7.5°  | 3318.3 | 2858.8 | 2438.5 | 2070.4 | 1754.5 | 1488.2 | 1255.8 | 1041.7 | 843.3 | 660.5 | 503.9 |
| 5°    | 3354.9 | 2890.2 | 2462.0 | 2088.7 | 1770.1 | 1506.4 | 1271.5 | 1054.8 | 853.7 | 668.4 | 503.9 |
| 2.5°  | 3383.6 | 2913.7 | 2480.3 | 2104.3 | 1780.6 | 1506.4 | 1271.5 | 1054.8 | 853.7 | 668.4 | 503.9 |
| 0°    | 3383.6 | 2913.7 | 2480.3 | 2104.3 | 1780.6 | 1506.4 | 1271.5 | 1054.8 | 853.7 | 668.4 | 503.9 |

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**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 13.1  | 10.4  | 5.2   | 0.0 |
| 85°   | 28.7  | 18.3  | 10.4  | 0.0 |
| 82.5° | 41.8  | 28.7  | 13.1  | 0.0 |
| 80°   | 54.8  | 36.6  | 18.3  | 0.0 |
| 77.5° | 70.5  | 47.0  | 23.5  | 0.0 |
| 75°   | 83.5  | 54.8  | 28.7  | 0.0 |
| 72.5° | 96.6  | 65.3  | 31.3  | 0.0 |
| 70°   | 109.7 | 73.1  | 36.6  | 0.0 |
| 67.5° | 125.3 | 80.9  | 41.8  | 0.0 |
| 65°   | 138.4 | 91.4  | 44.4  | 0.0 |
| 62.5° | 151.4 | 99.2  | 49.6  | 0.0 |
| 60°   | 164.5 | 107.0 | 52.2  | 0.0 |
| 57.5° | 177.5 | 114.9 | 57.4  | 0.0 |
| 55°   | 190.6 | 125.3 | 62.7  | 0.0 |
| 52.5° | 203.6 | 133.2 | 65.3  | 0.0 |
| 50°   | 216.7 | 141.0 | 67.9  | 0.0 |
| 47.5° | 227.1 | 148.8 | 73.1  | 0.0 |
| 45°   | 240.2 | 156.6 | 75.7  | 0.0 |
| 42.5° | 253.2 | 161.9 | 78.3  | 0.0 |
| 40°   | 263.7 | 169.7 | 80.9  | 0.0 |
| 37.5° | 276.7 | 174.9 | 86.2  | 0.0 |
| 35°   | 287.2 | 182.8 | 88.8  | 0.0 |
| 32.5° | 295.0 | 188.0 | 91.4  | 0.0 |
| 30°   | 305.5 | 193.2 | 94.0  | 0.0 |
| 27.5° | 313.3 | 198.4 | 94.0  | 0.0 |
| 25°   | 321.1 | 203.6 | 96.6  | 0.0 |
| 22.5° | 329.0 | 206.3 | 99.2  | 0.0 |
| 20°   | 336.8 | 211.5 | 101.8 | 0.0 |
| 17.5° | 342.0 | 214.1 | 101.8 | 0.0 |
| 15°   | 347.2 | 216.7 | 107.0 | 0.0 |
| 12.5° | 349.8 | 219.3 | 107.0 | 0.0 |
| 10°   | 355.1 | 224.5 | 107.0 | 0.0 |
| 7.5°  | 360.3 | 224.5 | 107.0 | 0.0 |
| 5°    | 360.3 | 224.5 | 107.0 | 0.0 |
| 2.5°  | 360.3 | 224.5 | 107.0 | 0.0 |
| 0°    | 360.3 | 224.5 | 107.0 | 0.0 |

(END OF REPORT)