

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: P624544

Luminaire Tested: **IFLD-L-SA7A-930-U-77**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P624544  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-L-SA7A-930-U-77  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7 distribution lens  
Light Source: (112) 3000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

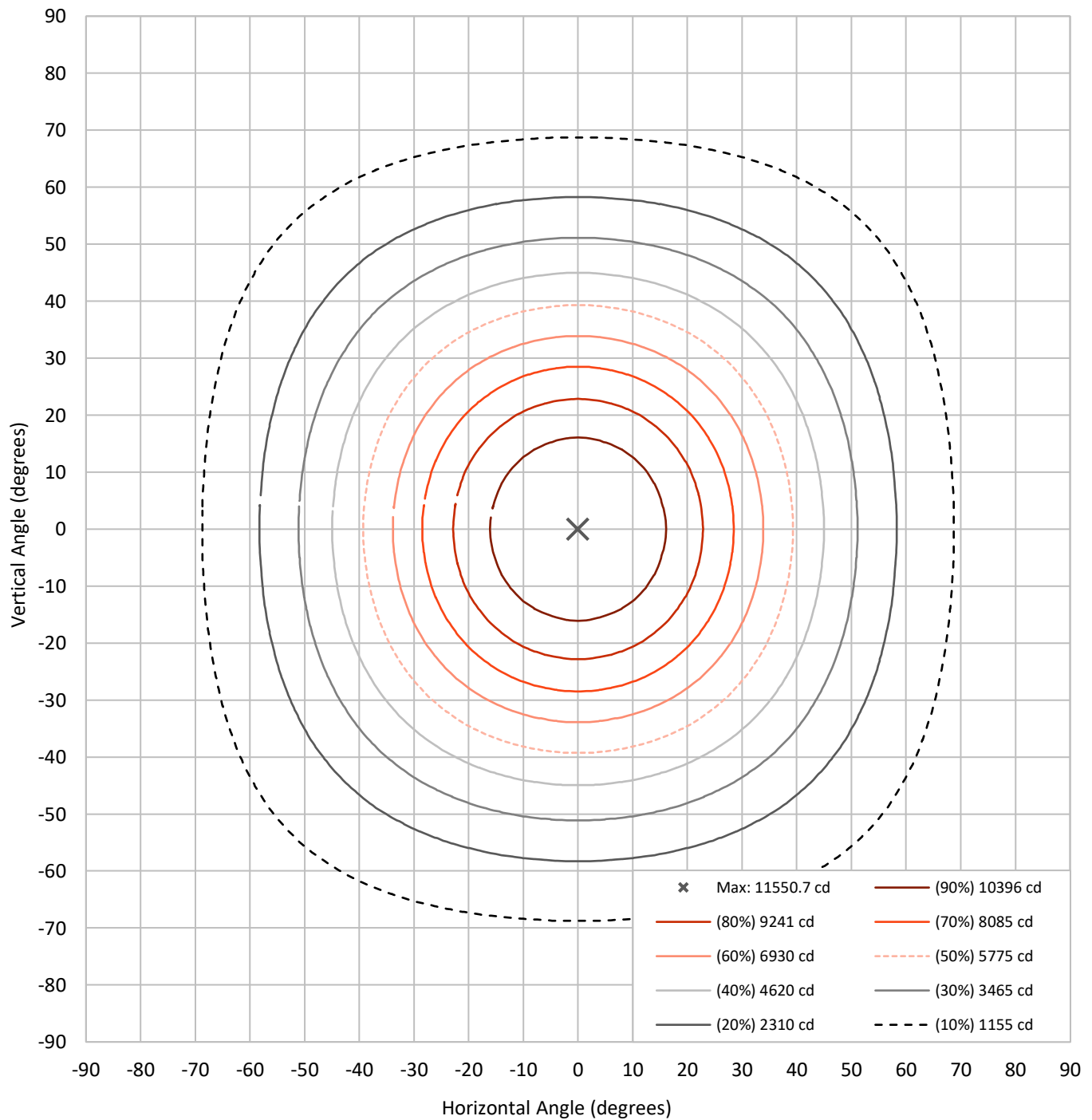
|                                   |                                    |                      |                   |
|-----------------------------------|------------------------------------|----------------------|-------------------|
| Lumens per Lamp:                  | N/A                                | NEMA Type:           | 7H x 7V           |
| Luminaire Lumens:                 | 20797.4 lumens                     | Max Intensity:       | 11550.7 candela   |
| Efficiency:                       | N/A                                | Max Intensity Angle: | 0°H x 0°V         |
| Efficacy:                         | 95.6 lumens/watt                   |                      |                   |
| Luminous Opening:                 | Rectangular (W 2' 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:                      | 8998.8 lumens                      | Field Lumens:        | 14735.2 lumens    |
| Beam Efficiency:                  | 43.3%                              | Field Efficiency:    | 70.9%             |
| Input Watts (W):                  | 217.6                              |                      |                   |
| 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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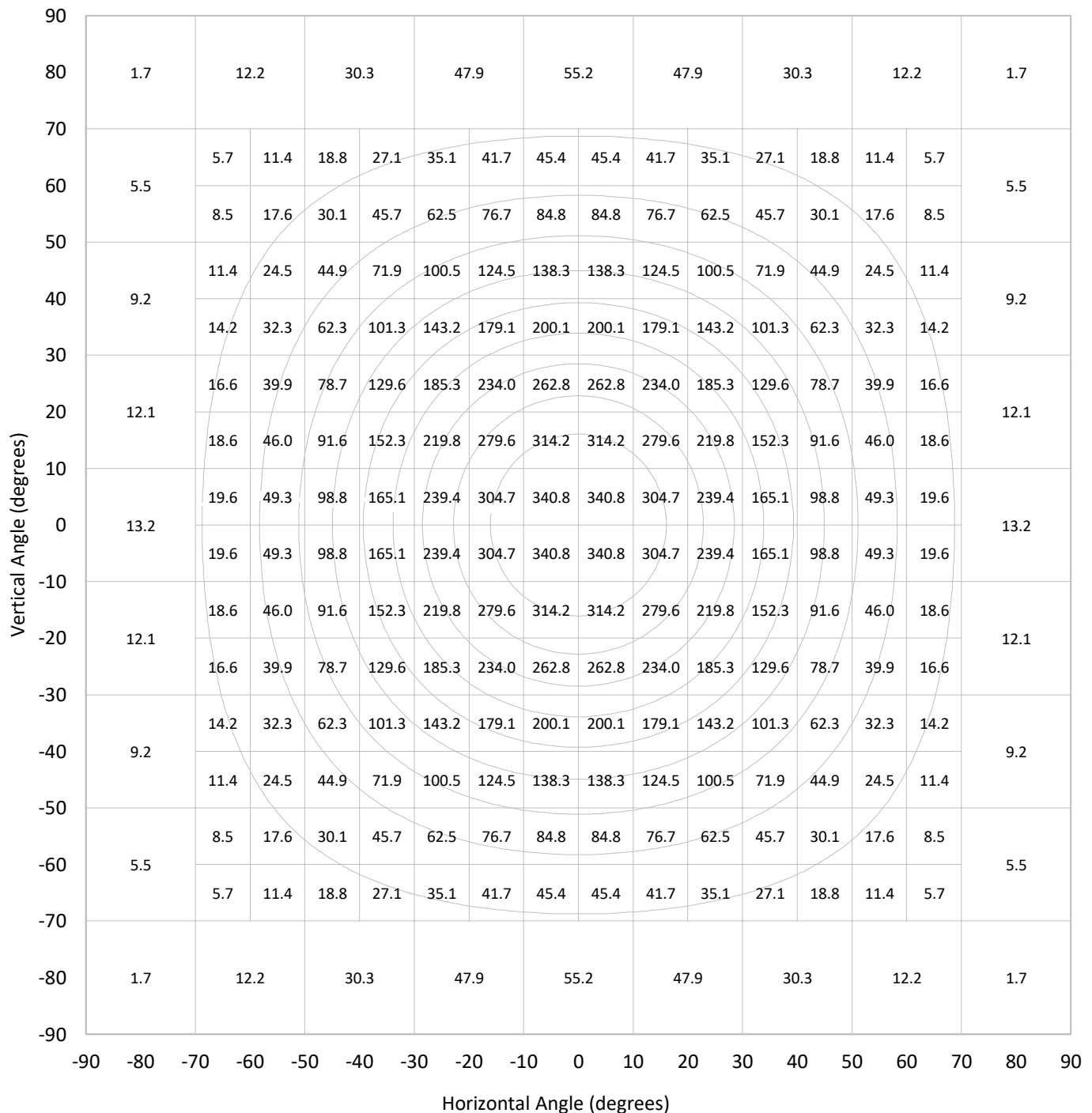
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## Iso-Candela Plot



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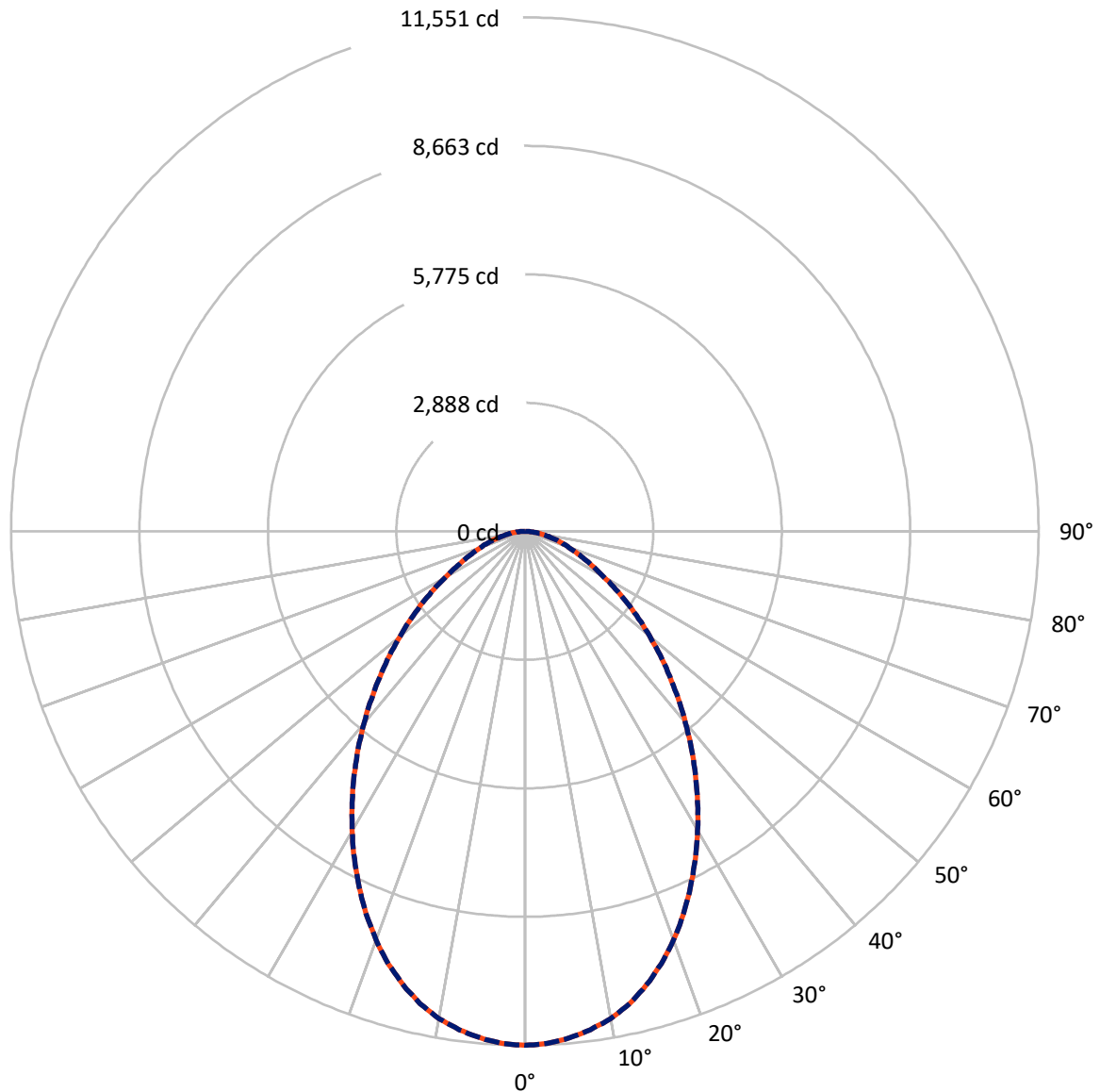
## Lumen Table



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## Luminous Intensity Polar Plot



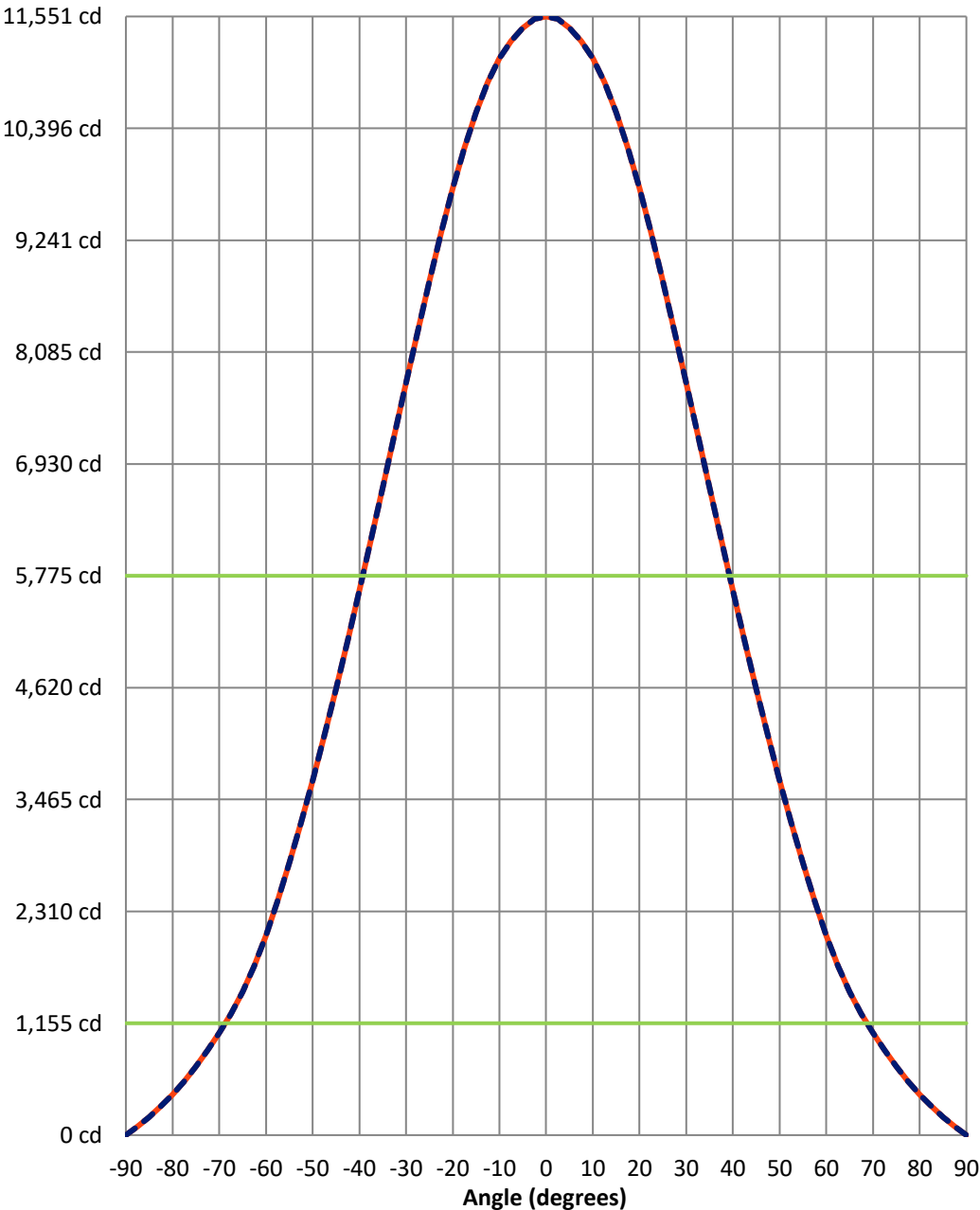
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



**Beam:**  
H Angle: 78.6°  
V Angle: 78.6°  
Lumens: 8998.8  
Efficiency: 43.3%

**Field:**  
H Angle: 137.5°  
V Angle: 137.5°  
Lumens: 14735.2  
Efficiency: 70.9%

**Spill:**  
Lumens: 6062.1  
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° | 88.9    | 88.9    | 88.9    | 88.9    | 88.9    | 88.9    | 88.9    | 84.6    | 84.6   | 82.4   | 80.2   |
| 85°   | 186.5   | 186.5   | 186.5   | 186.5   | 186.5   | 182.1   | 180.0   | 177.8   | 175.6  | 171.3  | 169.1  |
| 82.5° | 299.2   | 299.2   | 299.2   | 299.2   | 294.9   | 290.6   | 288.4   | 284.1   | 279.7  | 273.2  | 266.7  |
| 80°   | 418.5   | 418.5   | 418.5   | 418.5   | 412.0   | 407.6   | 401.1   | 396.8   | 390.3  | 381.6  | 373.0  |
| 77.5° | 555.1   | 555.1   | 555.1   | 548.6   | 544.3   | 537.7   | 531.2   | 522.6   | 513.9  | 503.1  | 490.0  |
| 75°   | 709.0   | 709.0   | 709.0   | 700.4   | 693.9   | 687.4   | 676.5   | 665.7   | 652.7  | 637.5  | 620.1  |
| 72.5° | 876.0   | 876.0   | 876.0   | 865.2   | 858.7   | 847.8   | 834.8   | 819.6   | 804.5  | 784.9  | 763.3  |
| 70°   | 1056.0  | 1056.0  | 1056.0  | 1043.0  | 1032.1  | 1021.3  | 1003.9  | 986.6   | 964.9  | 943.2  | 917.2  |
| 67.5° | 1251.1  | 1251.1  | 1251.1  | 1236.0  | 1222.9  | 1207.8  | 1188.2  | 1166.6  | 1140.5 | 1110.2 | 1079.8 |
| 65°   | 1478.8  | 1478.8  | 1470.1  | 1457.1  | 1441.9  | 1420.3  | 1396.4  | 1366.1  | 1333.5 | 1294.5 | 1253.3 |
| 62.5° | 1747.7  | 1747.7  | 1734.7  | 1719.5  | 1700.0  | 1671.8  | 1639.3  | 1600.2  | 1554.7 | 1504.8 | 1455.0 |
| 60°   | 2059.9  | 2059.9  | 2044.7  | 2025.2  | 1997.0  | 1962.3  | 1919.0  | 1869.1  | 1812.7 | 1749.8 | 1689.1 |
| 57.5° | 2419.9  | 2419.9  | 2400.4  | 2374.3  | 2339.6  | 2296.3  | 2242.1  | 2179.2  | 2107.6 | 2029.6 | 1953.7 |
| 55°   | 2810.2  | 2810.2  | 2786.3  | 2756.0  | 2714.8  | 2662.7  | 2597.7  | 2523.9  | 2437.2 | 2348.3 | 2250.7 |
| 52.5° | 3224.3  | 3224.3  | 3196.1  | 3161.4  | 3113.7  | 3053.0  | 2979.3  | 2892.6  | 2792.8 | 2688.7 | 2573.8 |
| 50°   | 3660.2  | 3660.2  | 3627.6  | 3588.6  | 3534.4  | 3462.8  | 3378.3  | 3278.5  | 3167.9 | 3046.5 | 2914.2 |
| 47.5° | 4126.3  | 4126.3  | 4089.5  | 4044.0  | 3978.9  | 3896.5  | 3796.8  | 3681.8  | 3556.1 | 3419.5 | 3269.9 |
| 45°   | 4605.6  | 4605.6  | 4564.4  | 4512.3  | 4440.8  | 4347.5  | 4236.9  | 4126.3  | 3965.9 | 3807.6 | 3634.1 |
| 42.5° | 5104.3  | 5104.3  | 5056.6  | 4998.0  | 4915.6  | 4813.7  | 4687.9  | 4544.8  | 4386.6 | 4208.7 | 4020.1 |
| 40°   | 5622.5  | 5622.5  | 5568.3  | 5501.1  | 5410.0  | 5292.9  | 5152.0  | 4991.5  | 4813.7 | 4616.4 | 4408.2 |
| 37.5° | 6151.6  | 6151.6  | 6090.9  | 6017.1  | 5915.2  | 5785.1  | 5626.8  | 5449.0  | 5249.5 | 5030.5 | 4800.7 |
| 35°   | 6685.0  | 6685.0  | 6617.8  | 6537.5  | 6424.8  | 6281.7  | 6110.4  | 5913.1  | 5691.9 | 5453.4 | 5195.3 |
| 32.5° | 7229.2  | 7229.2  | 7155.5  | 7064.4  | 6936.5  | 6778.2  | 6589.6  | 6374.9  | 6151.6 | 5874.0 | 5592.1 |
| 30°   | 7767.0  | 7767.0  | 7686.8  | 7587.0  | 7450.4  | 7276.9  | 7071.0  | 6834.6  | 6572.2 | 6288.2 | 5984.6 |
| 27.5° | 8296.1  | 8274.4  | 8207.2  | 8100.9  | 7951.3  | 7767.0  | 7543.7  | 7287.8  | 7003.7 | 6691.5 | 6366.2 |
| 25°   | 8816.5  | 8792.6  | 8718.9  | 8601.8  | 8441.3  | 8239.7  | 7999.0  | 7725.8  | 7420.1 | 7090.5 | 6734.9 |
| 22.5° | 9315.2  | 9289.2  | 9211.1  | 9085.3  | 8914.0  | 8695.0  | 8437.0  | 8144.3  | 7819.0 | 7465.6 | 7090.5 |
| 20°   | 9777.0  | 9748.9  | 9668.6  | 9536.4  | 9358.6  | 9126.5  | 8853.3  | 8538.9  | 8192.0 | 7819.0 | 7420.1 |
| 17.5° | 10193.4 | 10165.2 | 10080.6 | 9944.0  | 9777.0  | 9519.0  | 9237.1  | 8905.4  | 8538.9 | 8144.3 | 7725.8 |
| 15°   | 10559.8 | 10529.5 | 10442.7 | 10306.1 | 10115.3 | 9872.4  | 9575.4  | 9237.1  | 8853.3 | 8437.0 | 7999.0 |
| 12.5° | 10872.1 | 10841.7 | 10752.8 | 10616.2 | 10418.9 | 10176.0 | 9872.4  | 9519.0  | 9126.5 | 8695.0 | 8239.7 |
| 10°   | 11119.2 | 11088.9 | 11004.3 | 10874.2 | 10670.4 | 10418.9 | 10115.3 | 9777.0  | 9358.6 | 8914.0 | 8441.3 |
| 7.5°  | 11297.0 | 11268.9 | 11190.8 | 11060.7 | 10874.2 | 10616.2 | 10306.1 | 9944.0  | 9536.4 | 9085.3 | 8601.8 |
| 5°    | 11431.5 | 11399.0 | 11320.9 | 11190.8 | 11004.3 | 10752.8 | 10442.7 | 10080.6 | 9668.6 | 9211.1 | 8718.9 |
| 2.5°  | 11524.7 | 11485.7 | 11399.0 | 11268.9 | 11088.9 | 10841.7 | 10529.5 | 10165.2 | 9748.9 | 9289.2 | 8792.6 |
| 0°    | 11550.7 | 11524.7 | 11431.5 | 11297.0 | 11119.2 | 10872.1 | 10559.8 | 10193.4 | 9777.0 | 9315.2 | 8816.5 |

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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° | 78.1   | 78.1   | 75.9   | 73.7   | 71.6   | 67.2   | 65.1   | 62.9   | 60.7   | 56.4   | 54.2   |
| 85°   | 164.8  | 160.5  | 156.1  | 151.8  | 145.3  | 140.9  | 134.4  | 130.1  | 123.6  | 117.1  | 110.6  |
| 82.5° | 260.2  | 253.7  | 245.0  | 238.5  | 229.8  | 219.0  | 210.3  | 199.5  | 188.6  | 180.0  | 169.1  |
| 80°   | 364.3  | 353.4  | 342.6  | 331.8  | 318.7  | 305.7  | 292.7  | 279.7  | 264.5  | 249.4  | 234.2  |
| 77.5° | 477.0  | 461.9  | 446.7  | 429.3  | 414.2  | 396.8  | 379.5  | 362.1  | 342.6  | 323.1  | 303.6  |
| 75°   | 602.8  | 583.3  | 561.6  | 539.9  | 520.4  | 496.5  | 472.7  | 448.8  | 422.8  | 399.0  | 373.0  |
| 72.5° | 739.4  | 715.6  | 689.5  | 663.5  | 635.3  | 605.0  | 574.6  | 542.1  | 511.7  | 481.4  | 448.8  |
| 70°   | 886.9  | 858.7  | 826.1  | 793.6  | 758.9  | 722.1  | 685.2  | 646.2  | 607.1  | 568.1  | 529.1  |
| 67.5° | 1045.1 | 1010.4 | 971.4  | 932.4  | 889.0  | 845.7  | 802.3  | 756.8  | 709.0  | 661.3  | 615.8  |
| 65°   | 1214.3 | 1170.9 | 1125.4 | 1075.5 | 1025.6 | 975.8  | 923.7  | 869.5  | 815.3  | 758.9  | 709.0  |
| 62.5° | 1402.9 | 1348.7 | 1290.2 | 1229.4 | 1173.1 | 1112.4 | 1056.0 | 988.8  | 923.7  | 860.8  | 797.9  |
| 60°   | 1621.9 | 1550.4 | 1478.8 | 1402.9 | 1331.4 | 1253.3 | 1183.9 | 1110.2 | 1036.5 | 964.9  | 891.2  |
| 57.5° | 1866.9 | 1775.9 | 1689.1 | 1598.1 | 1502.7 | 1415.9 | 1327.0 | 1238.1 | 1155.7 | 1071.2 | 990.9  |
| 55°   | 2144.5 | 2033.9 | 1925.5 | 1812.7 | 1702.1 | 1593.7 | 1481.0 | 1381.2 | 1279.3 | 1183.9 | 1090.7 |
| 52.5° | 2448.1 | 2322.3 | 2187.9 | 2059.9 | 1919.0 | 1784.5 | 1658.8 | 1533.0 | 1413.8 | 1298.8 | 1192.6 |
| 50°   | 2773.3 | 2625.9 | 2471.9 | 2315.8 | 2155.3 | 1997.0 | 1845.3 | 1697.8 | 1559.0 | 1424.6 | 1298.8 |
| 47.5° | 3111.6 | 2944.6 | 2769.0 | 2591.2 | 2419.9 | 2226.9 | 2044.7 | 1877.8 | 1710.8 | 1559.0 | 1413.8 |
| 45°   | 3458.5 | 3269.9 | 3076.9 | 2875.2 | 2673.6 | 2465.4 | 2263.7 | 2059.9 | 1877.8 | 1697.8 | 1533.0 |
| 42.5° | 3816.3 | 3603.8 | 3389.1 | 3165.8 | 2942.4 | 2714.8 | 2487.1 | 2263.7 | 2044.7 | 1845.3 | 1658.8 |
| 40°   | 4184.9 | 3950.7 | 3705.7 | 3462.8 | 3224.3 | 2964.1 | 2714.8 | 2465.4 | 2226.9 | 1997.0 | 1784.5 |
| 37.5° | 4553.5 | 4297.6 | 4033.1 | 3759.9 | 3486.7 | 3224.3 | 2942.4 | 2673.6 | 2419.9 | 2155.3 | 1919.0 |
| 35°   | 4924.3 | 4642.4 | 4356.2 | 4059.1 | 3759.9 | 3462.8 | 3165.8 | 2875.2 | 2591.2 | 2315.8 | 2059.9 |
| 32.5° | 5297.3 | 4989.3 | 4672.8 | 4356.2 | 4033.1 | 3705.7 | 3389.1 | 3076.9 | 2769.0 | 2471.9 | 2187.9 |
| 30°   | 5663.7 | 5329.8 | 4989.3 | 4642.4 | 4297.6 | 3950.7 | 3603.8 | 3269.9 | 2944.6 | 2625.9 | 2322.3 |
| 27.5° | 6021.5 | 5663.7 | 5297.3 | 4924.3 | 4553.5 | 4184.9 | 3816.3 | 3458.5 | 3111.6 | 2773.3 | 2448.1 |
| 25°   | 6366.2 | 5984.6 | 5592.1 | 5195.3 | 4800.7 | 4408.2 | 4020.1 | 3634.1 | 3269.9 | 2914.2 | 2573.8 |
| 22.5° | 6691.5 | 6288.2 | 5874.0 | 5453.4 | 5030.5 | 4616.4 | 4208.7 | 3807.6 | 3419.5 | 3046.5 | 2688.7 |
| 20°   | 7003.7 | 6572.2 | 6151.6 | 5691.9 | 5249.5 | 4813.7 | 4386.6 | 3965.9 | 3556.1 | 3167.9 | 2792.8 |
| 17.5° | 7287.8 | 6834.6 | 6374.9 | 5913.1 | 5449.0 | 4991.5 | 4544.8 | 4126.3 | 3681.8 | 3278.5 | 2892.6 |
| 15°   | 7543.7 | 7071.0 | 6589.6 | 6110.4 | 5626.8 | 5152.0 | 4687.9 | 4236.9 | 3796.8 | 3378.3 | 2979.3 |
| 12.5° | 7767.0 | 7276.9 | 6778.2 | 6281.7 | 5785.1 | 5292.9 | 4813.7 | 4347.5 | 3896.5 | 3462.8 | 3053.0 |
| 10°   | 7951.3 | 7450.4 | 6936.5 | 6424.8 | 5915.2 | 5410.0 | 4915.6 | 4440.8 | 3978.9 | 3534.4 | 3113.7 |
| 7.5°  | 8100.9 | 7587.0 | 7064.4 | 6537.5 | 6017.1 | 5501.1 | 4998.0 | 4512.3 | 4044.0 | 3588.6 | 3161.4 |
| 5°    | 8207.2 | 7686.8 | 7155.5 | 6617.8 | 6090.9 | 5568.3 | 5056.6 | 4564.4 | 4089.5 | 3627.6 | 3196.1 |
| 2.5°  | 8274.4 | 7767.0 | 7229.2 | 6685.0 | 6151.6 | 5622.5 | 5104.3 | 4605.6 | 4126.3 | 3660.2 | 3224.3 |
| 0°    | 8296.1 | 7767.0 | 7229.2 | 6685.0 | 6151.6 | 5622.5 | 5104.3 | 4605.6 | 4126.3 | 3660.2 | 3224.3 |

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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° | 52.0   | 47.7   | 43.4   | 41.2   | 36.9   | 34.7   | 30.4   | 26.0  | 23.9  | 19.5  | 15.2  |
| 85°   | 104.1  | 95.4   | 88.9   | 82.4   | 75.9   | 67.2   | 60.7   | 54.2  | 45.5  | 39.0  | 30.4  |
| 82.5° | 158.3  | 147.4  | 136.6  | 125.8  | 114.9  | 104.1  | 91.1   | 80.2  | 69.4  | 58.5  | 45.5  |
| 80°   | 219.0  | 201.7  | 186.5  | 171.3  | 156.1  | 140.9  | 123.6  | 108.4 | 91.1  | 75.9  | 60.7  |
| 77.5° | 281.9  | 262.4  | 240.7  | 219.0  | 197.3  | 177.8  | 156.1  | 136.6 | 117.1 | 95.4  | 75.9  |
| 75°   | 349.1  | 323.1  | 299.2  | 271.0  | 245.0  | 216.8  | 190.8  | 164.8 | 140.9 | 117.1 | 91.1  |
| 72.5° | 418.5  | 386.0  | 353.4  | 323.1  | 290.6  | 258.0  | 227.7  | 195.2 | 164.8 | 136.6 | 108.4 |
| 70°   | 490.0  | 451.0  | 412.0  | 375.1  | 338.3  | 299.2  | 264.5  | 227.7 | 190.8 | 156.1 | 123.6 |
| 67.5° | 565.9  | 520.4  | 474.9  | 427.2  | 386.0  | 342.6  | 299.2  | 258.0 | 216.8 | 177.8 | 140.9 |
| 65°   | 648.3  | 594.1  | 537.7  | 487.9  | 433.7  | 386.0  | 338.3  | 290.6 | 245.0 | 197.3 | 156.1 |
| 62.5° | 732.9  | 670.0  | 607.1  | 544.3  | 487.9  | 427.2  | 375.1  | 323.1 | 271.0 | 219.0 | 171.3 |
| 60°   | 819.6  | 748.1  | 676.5  | 607.1  | 537.7  | 474.9  | 412.0  | 353.4 | 299.2 | 240.7 | 186.5 |
| 57.5° | 908.5  | 828.3  | 748.1  | 670.0  | 594.1  | 520.4  | 451.0  | 386.0 | 323.1 | 262.4 | 201.7 |
| 55°   | 999.6  | 908.5  | 819.6  | 732.9  | 648.3  | 565.9  | 490.0  | 418.5 | 349.1 | 281.9 | 219.0 |
| 52.5° | 1090.7 | 990.9  | 891.2  | 797.9  | 709.0  | 615.8  | 529.1  | 448.8 | 373.0 | 303.6 | 234.2 |
| 50°   | 1183.9 | 1071.2 | 964.9  | 860.8  | 758.9  | 661.3  | 568.1  | 481.4 | 399.0 | 323.1 | 249.4 |
| 47.5° | 1279.3 | 1155.7 | 1036.5 | 923.7  | 815.3  | 709.0  | 607.1  | 511.7 | 422.8 | 342.6 | 264.5 |
| 45°   | 1381.2 | 1238.1 | 1110.2 | 988.8  | 869.5  | 756.8  | 646.2  | 542.1 | 448.8 | 362.1 | 279.7 |
| 42.5° | 1481.0 | 1327.0 | 1183.9 | 1056.0 | 923.7  | 802.3  | 685.2  | 574.6 | 472.7 | 379.5 | 292.7 |
| 40°   | 1593.7 | 1415.9 | 1253.3 | 1112.4 | 975.8  | 845.7  | 722.1  | 605.0 | 496.5 | 396.8 | 305.7 |
| 37.5° | 1702.1 | 1502.7 | 1331.4 | 1173.1 | 1025.6 | 889.0  | 758.9  | 635.3 | 520.4 | 414.2 | 318.7 |
| 35°   | 1812.7 | 1598.1 | 1402.9 | 1229.4 | 1075.5 | 932.4  | 793.6  | 663.5 | 539.9 | 429.3 | 331.8 |
| 32.5° | 1925.5 | 1689.1 | 1478.8 | 1290.2 | 1125.4 | 971.4  | 826.1  | 689.5 | 561.6 | 446.7 | 342.6 |
| 30°   | 2033.9 | 1775.9 | 1550.4 | 1348.7 | 1170.9 | 1010.4 | 858.7  | 715.6 | 583.3 | 461.9 | 353.4 |
| 27.5° | 2144.5 | 1866.9 | 1621.9 | 1402.9 | 1214.3 | 1045.1 | 886.9  | 739.4 | 602.8 | 477.0 | 364.3 |
| 25°   | 2250.7 | 1953.7 | 1689.1 | 1455.0 | 1253.3 | 1079.8 | 917.2  | 763.3 | 620.1 | 490.0 | 373.0 |
| 22.5° | 2348.3 | 2029.6 | 1749.8 | 1504.8 | 1294.5 | 1110.2 | 943.2  | 784.9 | 637.5 | 503.1 | 381.6 |
| 20°   | 2437.2 | 2107.6 | 1812.7 | 1554.7 | 1333.5 | 1140.5 | 964.9  | 804.5 | 652.7 | 513.9 | 390.3 |
| 17.5° | 2523.9 | 2179.2 | 1869.1 | 1600.2 | 1366.1 | 1166.6 | 986.6  | 819.6 | 665.7 | 522.6 | 396.8 |
| 15°   | 2597.7 | 2242.1 | 1919.0 | 1639.3 | 1396.4 | 1188.2 | 1003.9 | 834.8 | 676.5 | 531.2 | 401.1 |
| 12.5° | 2662.7 | 2296.3 | 1962.3 | 1671.8 | 1420.3 | 1207.8 | 1021.3 | 847.8 | 687.4 | 537.7 | 407.6 |
| 10°   | 2714.8 | 2339.6 | 1997.0 | 1700.0 | 1441.9 | 1222.9 | 1032.1 | 858.7 | 693.9 | 544.3 | 412.0 |
| 7.5°  | 2756.0 | 2374.3 | 2025.2 | 1719.5 | 1457.1 | 1236.0 | 1043.0 | 865.2 | 700.4 | 548.6 | 418.5 |
| 5°    | 2786.3 | 2400.4 | 2044.7 | 1734.7 | 1470.1 | 1251.1 | 1056.0 | 876.0 | 709.0 | 555.1 | 418.5 |
| 2.5°  | 2810.2 | 2419.9 | 2059.9 | 1747.7 | 1478.8 | 1251.1 | 1056.0 | 876.0 | 709.0 | 555.1 | 418.5 |
| 0°    | 2810.2 | 2419.9 | 2059.9 | 1747.7 | 1478.8 | 1251.1 | 1056.0 | 876.0 | 709.0 | 555.1 | 418.5 |

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**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 10.8  | 8.7   | 4.3   | 0.0 |
| 85°   | 23.9  | 15.2  | 8.7   | 0.0 |
| 82.5° | 34.7  | 23.9  | 10.8  | 0.0 |
| 80°   | 45.5  | 30.4  | 15.2  | 0.0 |
| 77.5° | 58.5  | 39.0  | 19.5  | 0.0 |
| 75°   | 69.4  | 45.5  | 23.9  | 0.0 |
| 72.5° | 80.2  | 54.2  | 26.0  | 0.0 |
| 70°   | 91.1  | 60.7  | 30.4  | 0.0 |
| 67.5° | 104.1 | 67.2  | 34.7  | 0.0 |
| 65°   | 114.9 | 75.9  | 36.9  | 0.0 |
| 62.5° | 125.8 | 82.4  | 41.2  | 0.0 |
| 60°   | 136.6 | 88.9  | 43.4  | 0.0 |
| 57.5° | 147.4 | 95.4  | 47.7  | 0.0 |
| 55°   | 158.3 | 104.1 | 52.0  | 0.0 |
| 52.5° | 169.1 | 110.6 | 54.2  | 0.0 |
| 50°   | 180.0 | 117.1 | 56.4  | 0.0 |
| 47.5° | 188.6 | 123.6 | 60.7  | 0.0 |
| 45°   | 199.5 | 130.1 | 62.9  | 0.0 |
| 42.5° | 210.3 | 134.4 | 65.1  | 0.0 |
| 40°   | 219.0 | 140.9 | 67.2  | 0.0 |
| 37.5° | 229.8 | 145.3 | 71.6  | 0.0 |
| 35°   | 238.5 | 151.8 | 73.7  | 0.0 |
| 32.5° | 245.0 | 156.1 | 75.9  | 0.0 |
| 30°   | 253.7 | 160.5 | 78.1  | 0.0 |
| 27.5° | 260.2 | 164.8 | 78.1  | 0.0 |
| 25°   | 266.7 | 169.1 | 80.2  | 0.0 |
| 22.5° | 273.2 | 171.3 | 82.4  | 0.0 |
| 20°   | 279.7 | 175.6 | 84.6  | 0.0 |
| 17.5° | 284.1 | 177.8 | 84.6  | 0.0 |
| 15°   | 288.4 | 180.0 | 88.9  | 0.0 |
| 12.5° | 290.6 | 182.1 | 88.9  | 0.0 |
| 10°   | 294.9 | 186.5 | 88.9  | 0.0 |
| 7.5°  | 299.2 | 186.5 | 88.9  | 0.0 |
| 5°    | 299.2 | 186.5 | 88.9  | 0.0 |
| 2.5°  | 299.2 | 186.5 | 88.9  | 0.0 |
| 0°    | 299.2 | 186.5 | 88.9  | 0.0 |

(END OF REPORT)