

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: P624021

Luminaire Tested: **IFLD-S-SA3C-827-U-77**

Issue Date: 11/2/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P624021  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3C-827-U-77  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7 distribution lens  
Light Source: (48) 2700K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

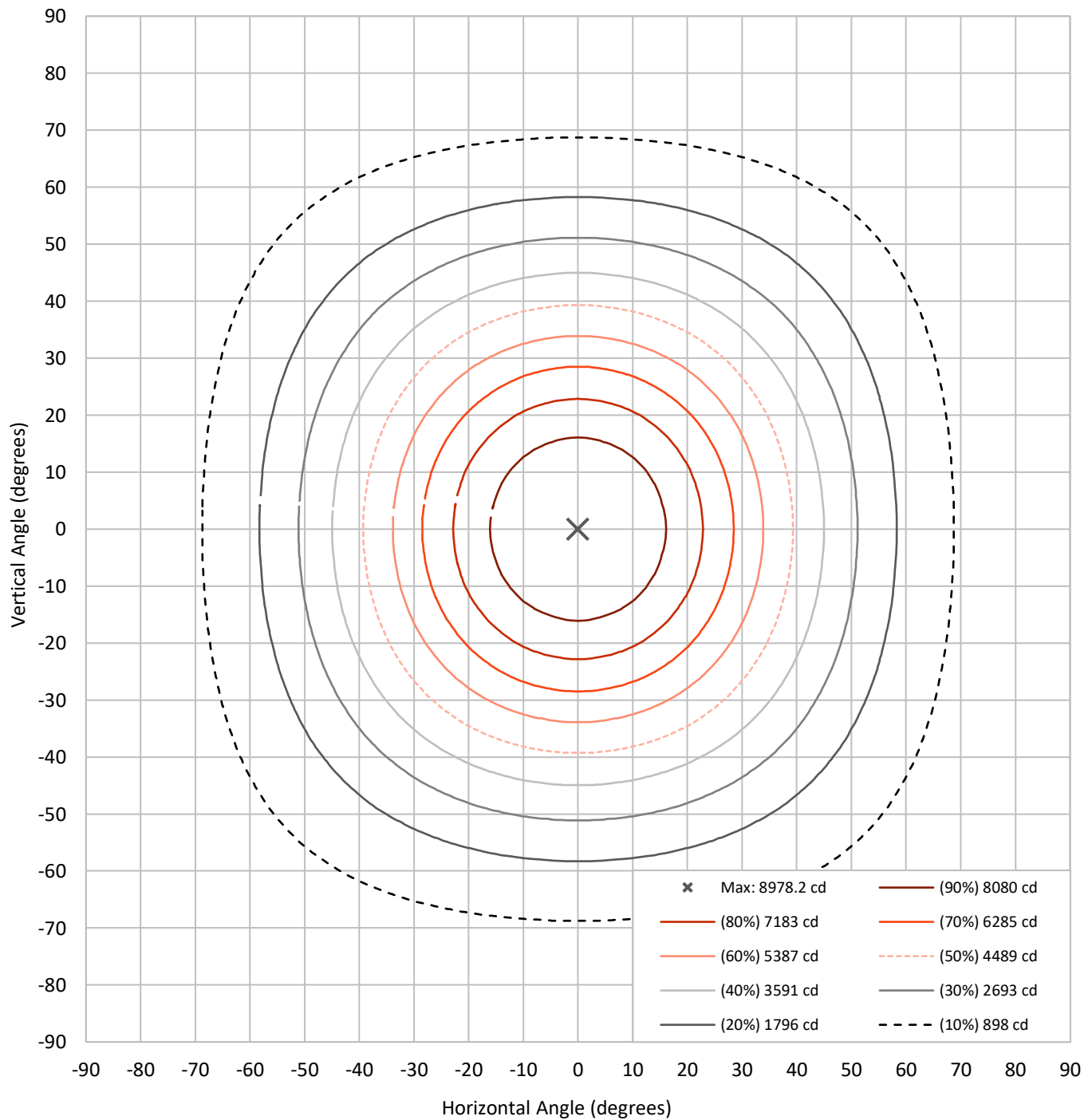
**Summary**

|                                   |                                        |                      |                   |
|-----------------------------------|----------------------------------------|----------------------|-------------------|
| Lumens per Lamp:                  | N/A                                    | NEMA Type:           | 7H x 7V           |
| Luminaire Lumens:                 | 16165.5 lumens                         | Max Intensity:       | 8978.2 candela    |
| Efficiency:                       | N/A                                    | Max Intensity Angle: | 0°H x 0°V         |
| Efficacy:                         | 100.5 lumens/watt                      |                      |                   |
| Luminous Opening:                 | Rectangular (W 1.5' x L: 0.5' 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:                      | 6994.7 lumens                          | Field Lumens:        | 11453.5 lumens    |
| Beam Efficiency:                  | 43.3%                                  | Field Efficiency:    | 70.9%             |
| Input Watts (W):                  | 160.8                                  |                      |                   |
| 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                                  |                      |                   |



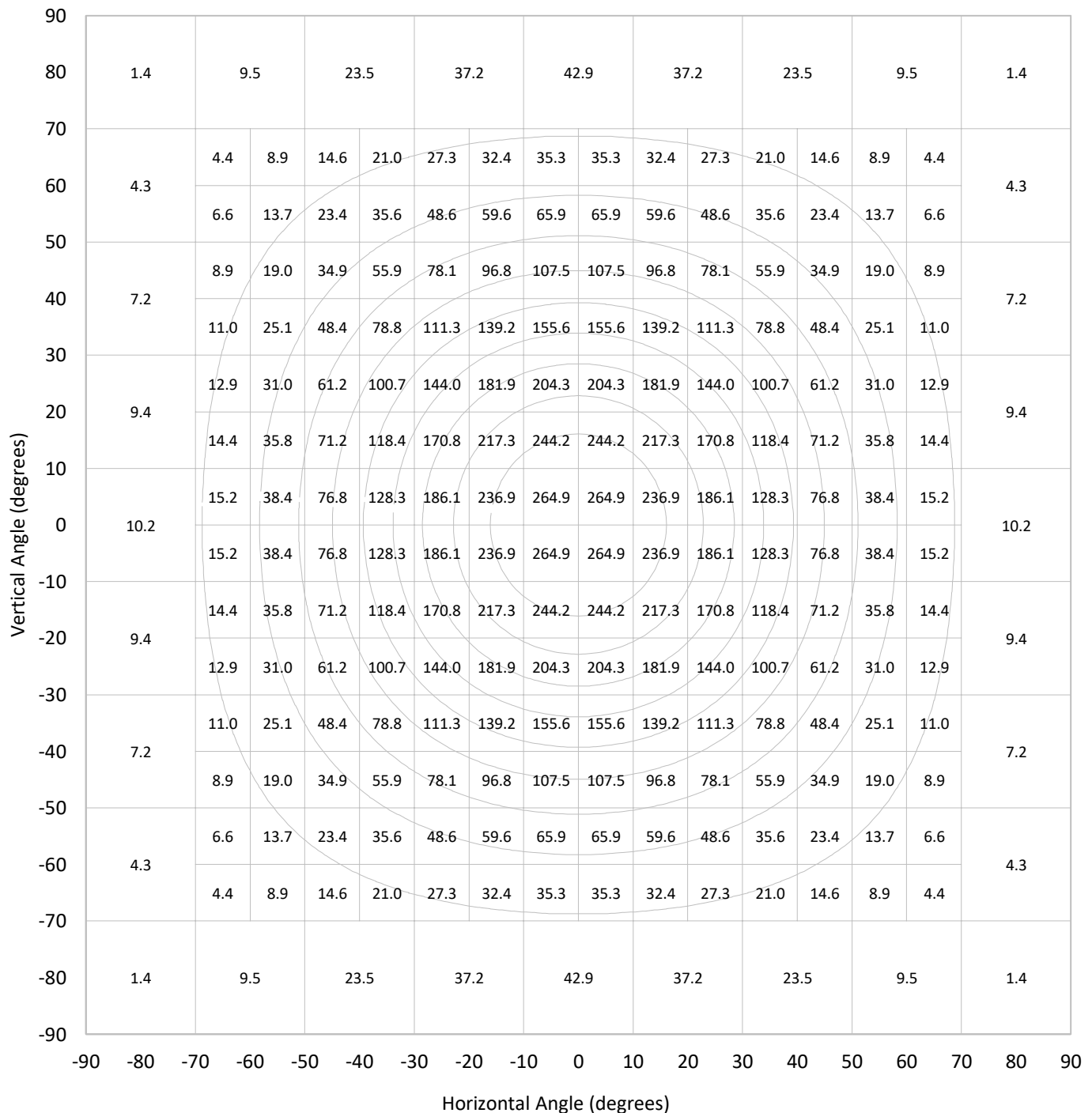
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## Iso-Candela Plot



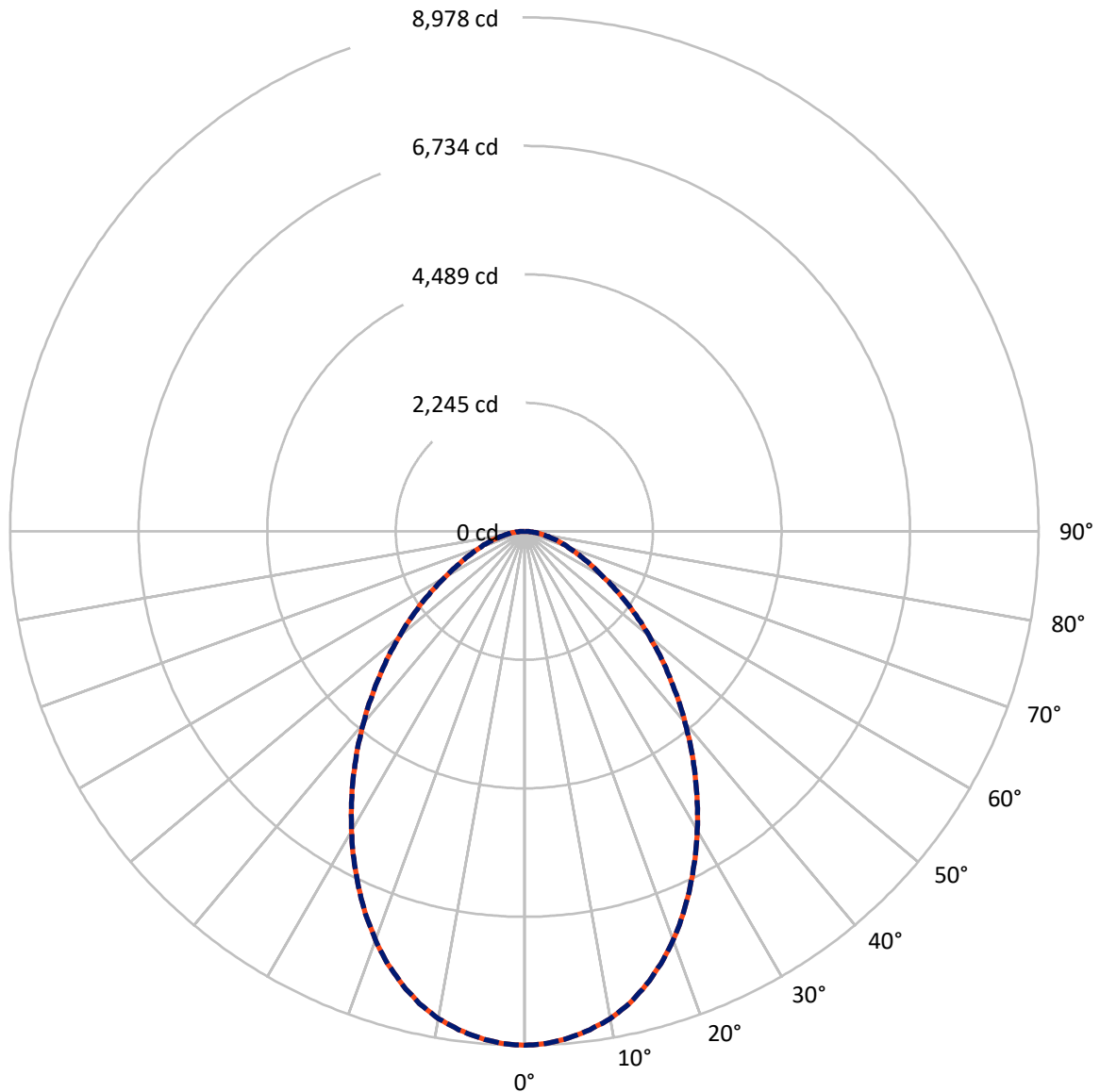
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## Lumen Table



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CATALOG NUMBER: IFLD-S-SA3C-827-U-77

## Luminous Intensity Polar Plot

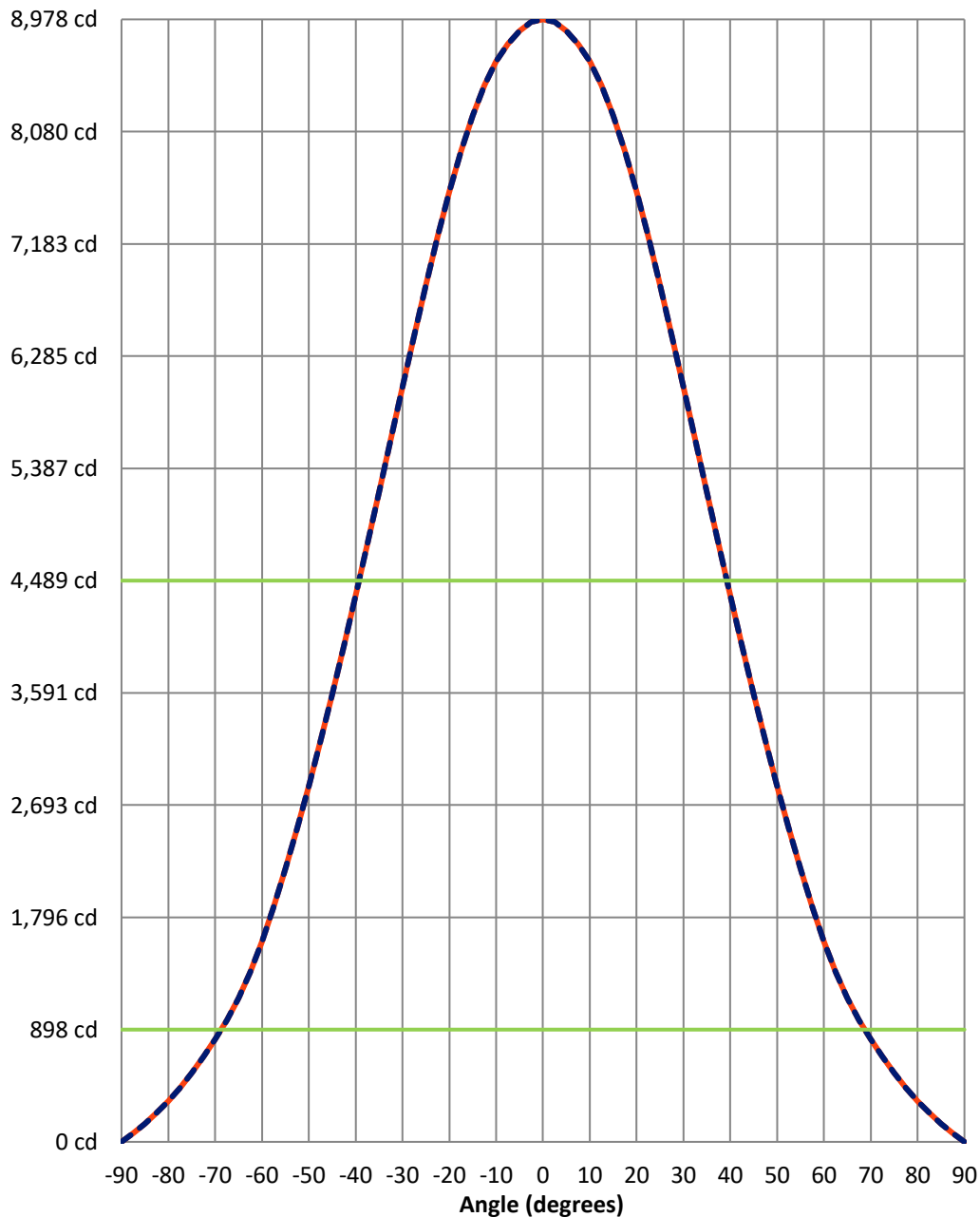


— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

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## Luminous Intensity Plot



**Beam:**

H Angle: 78.6°  
V Angle: 78.6°  
Lumens: 6994.7  
Efficiency: 43.3%

**Field:**

H Angle: 137.5°  
V Angle: 137.5°  
Lumens: 11453.5  
Efficiency: 70.9%

**Spill:**

Lumens: 4712  
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° | 69.1   | 69.1   | 69.1   | 69.1   | 69.1   | 69.1   | 69.1   | 65.7   | 65.7   | 64.0   | 62.4   |
| 85°   | 144.9  | 144.9  | 144.9  | 144.9  | 144.9  | 141.6  | 139.9  | 138.2  | 136.5  | 133.1  | 131.5  |
| 82.5° | 232.6  | 232.6  | 232.6  | 232.6  | 229.2  | 225.8  | 224.2  | 220.8  | 217.4  | 212.4  | 207.3  |
| 80°   | 325.3  | 325.3  | 325.3  | 325.3  | 320.2  | 316.9  | 311.8  | 308.4  | 303.4  | 296.6  | 289.9  |
| 77.5° | 431.5  | 431.5  | 431.5  | 426.4  | 423.0  | 418.0  | 412.9  | 406.2  | 399.4  | 391.0  | 380.9  |
| 75°   | 551.1  | 551.1  | 551.1  | 544.4  | 539.3  | 534.3  | 525.9  | 517.4  | 507.3  | 495.5  | 482.0  |
| 72.5° | 680.9  | 680.9  | 680.9  | 672.5  | 667.4  | 659.0  | 648.9  | 637.1  | 625.3  | 610.1  | 593.3  |
| 70°   | 820.8  | 820.8  | 820.8  | 810.7  | 802.3  | 793.8  | 780.4  | 766.9  | 750.0  | 733.2  | 712.9  |
| 67.5° | 972.5  | 972.5  | 972.5  | 960.7  | 950.6  | 938.8  | 923.6  | 906.8  | 886.5  | 862.9  | 839.3  |
| 65°   | 1149.5 | 1149.5 | 1142.7 | 1132.6 | 1120.8 | 1104.0 | 1085.4 | 1061.8 | 1036.5 | 1006.2 | 974.2  |
| 62.5° | 1358.5 | 1358.5 | 1348.3 | 1336.5 | 1321.4 | 1299.5 | 1274.2 | 1243.8 | 1208.4 | 1169.7 | 1130.9 |
| 60°   | 1601.2 | 1601.2 | 1589.4 | 1574.2 | 1552.3 | 1525.3 | 1491.6 | 1452.8 | 1409.0 | 1360.1 | 1312.9 |
| 57.5° | 1880.9 | 1880.9 | 1865.8 | 1845.5 | 1818.6 | 1784.9 | 1742.7 | 1693.8 | 1638.2 | 1577.6 | 1518.6 |
| 55°   | 2184.3 | 2184.3 | 2165.8 | 2142.2 | 2110.1 | 2069.7 | 2019.1 | 1961.8 | 1894.4 | 1825.3 | 1749.5 |
| 52.5° | 2506.2 | 2506.2 | 2484.3 | 2457.3 | 2420.3 | 2373.1 | 2315.8 | 2248.4 | 2170.8 | 2089.9 | 2000.6 |
| 50°   | 2845.0 | 2845.0 | 2819.7 | 2789.4 | 2747.2 | 2691.6 | 2625.9 | 2548.4 | 2462.4 | 2368.0 | 2265.2 |
| 47.5° | 3207.4 | 3207.4 | 3178.7 | 3143.3 | 3092.7 | 3028.7 | 2951.2 | 2861.8 | 2764.1 | 2657.9 | 2541.6 |
| 45°   | 3579.8 | 3579.8 | 3547.8 | 3507.4 | 3451.7 | 3379.3 | 3293.3 | 3207.4 | 3082.6 | 2959.6 | 2824.8 |
| 42.5° | 3967.5 | 3967.5 | 3930.4 | 3884.9 | 3820.9 | 3741.6 | 3643.9 | 3532.6 | 3409.6 | 3271.4 | 3124.8 |
| 40°   | 4370.3 | 4370.3 | 4328.2 | 4275.9 | 4205.1 | 4114.1 | 4004.6 | 3879.8 | 3741.6 | 3588.3 | 3426.5 |
| 37.5° | 4781.5 | 4781.5 | 4734.3 | 4677.0 | 4597.8 | 4496.7 | 4373.7 | 4235.5 | 4080.4 | 3910.2 | 3731.5 |
| 35°   | 5196.2 | 5196.2 | 5143.9 | 5081.5 | 4993.9 | 4882.7 | 4749.5 | 4596.1 | 4424.2 | 4238.8 | 4038.3 |
| 32.5° | 5619.2 | 5619.2 | 5561.9 | 5491.1 | 5391.7 | 5268.6 | 5122.0 | 4955.1 | 4781.5 | 4565.8 | 4346.7 |
| 30°   | 6037.2 | 6037.2 | 5974.8 | 5897.3 | 5791.1 | 5656.3 | 5496.2 | 5312.4 | 5108.5 | 4887.7 | 4651.8 |
| 27.5° | 6448.4 | 6431.6 | 6379.3 | 6296.7 | 6180.4 | 6037.2 | 5863.6 | 5664.7 | 5443.9 | 5201.2 | 4948.4 |
| 25°   | 6852.9 | 6834.4 | 6777.1 | 6686.1 | 6561.3 | 6404.6 | 6217.5 | 6005.2 | 5767.5 | 5511.3 | 5234.9 |
| 22.5° | 7240.6 | 7220.3 | 7159.7 | 7061.9 | 6928.8 | 6758.5 | 6558.0 | 6330.4 | 6077.6 | 5802.9 | 5511.3 |
| 20°   | 7599.6 | 7577.7 | 7515.3 | 7412.5 | 7274.3 | 7093.9 | 6881.6 | 6637.2 | 6367.5 | 6077.6 | 5767.5 |
| 17.5° | 7923.2 | 7901.3 | 7835.5 | 7729.3 | 7599.6 | 7399.0 | 7179.9 | 6922.0 | 6637.2 | 6330.4 | 6005.2 |
| 15°   | 8208.0 | 8184.4 | 8117.0 | 8010.8 | 7862.5 | 7673.7 | 7442.8 | 7179.9 | 6881.6 | 6558.0 | 6217.5 |
| 12.5° | 8450.7 | 8427.1 | 8358.0 | 8251.8 | 8098.5 | 7909.7 | 7673.7 | 7399.0 | 7093.9 | 6758.5 | 6404.6 |
| 10°   | 8642.8 | 8619.2 | 8553.5 | 8452.4 | 8294.0 | 8098.5 | 7862.5 | 7599.6 | 7274.3 | 6928.8 | 6561.3 |
| 7.5°  | 8781.0 | 8759.1 | 8698.5 | 8597.3 | 8452.4 | 8251.8 | 8010.8 | 7729.3 | 7412.5 | 7061.9 | 6686.1 |
| 5°    | 8885.5 | 8860.3 | 8799.6 | 8698.5 | 8553.5 | 8358.0 | 8117.0 | 7835.5 | 7515.3 | 7159.7 | 6777.1 |
| 2.5°  | 8958.0 | 8927.7 | 8860.3 | 8759.1 | 8619.2 | 8427.1 | 8184.4 | 7901.3 | 7577.7 | 7220.3 | 6834.4 |
| 0°    | 8978.2 | 8958.0 | 8885.5 | 8781.0 | 8642.8 | 8450.7 | 8208.0 | 7923.2 | 7599.6 | 7240.6 | 6852.9 |

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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° | 60.7   | 60.7   | 59.0   | 57.3   | 55.6   | 52.2   | 50.6   | 48.9   | 47.2   | 43.8   | 42.1   |
| 85°   | 128.1  | 124.7  | 121.4  | 118.0  | 112.9  | 109.6  | 104.5  | 101.1  | 96.1   | 91.0   | 86.0   |
| 82.5° | 202.3  | 197.2  | 190.5  | 185.4  | 178.7  | 170.2  | 163.5  | 155.1  | 146.6  | 139.9  | 131.5  |
| 80°   | 283.2  | 274.7  | 266.3  | 257.9  | 247.8  | 237.6  | 227.5  | 217.4  | 205.6  | 193.8  | 182.0  |
| 77.5° | 370.8  | 359.0  | 347.2  | 333.7  | 321.9  | 308.4  | 294.9  | 281.5  | 266.3  | 251.1  | 236.0  |
| 75°   | 468.5  | 453.4  | 436.5  | 419.7  | 404.5  | 386.0  | 367.4  | 348.9  | 328.7  | 310.1  | 289.9  |
| 72.5° | 574.7  | 556.2  | 536.0  | 515.7  | 493.8  | 470.2  | 446.6  | 421.4  | 397.8  | 374.2  | 348.9  |
| 70°   | 689.3  | 667.4  | 642.1  | 616.9  | 589.9  | 561.2  | 532.6  | 502.3  | 471.9  | 441.6  | 411.2  |
| 67.5° | 812.4  | 785.4  | 755.1  | 724.7  | 691.0  | 657.3  | 623.6  | 588.2  | 551.1  | 514.1  | 478.7  |
| 65°   | 943.8  | 910.1  | 874.7  | 836.0  | 797.2  | 758.4  | 718.0  | 675.9  | 633.7  | 589.9  | 551.1  |
| 62.5° | 1090.5 | 1048.3 | 1002.8 | 955.6  | 911.8  | 864.6  | 820.8  | 768.6  | 718.0  | 669.1  | 620.2  |
| 60°   | 1260.7 | 1205.1 | 1149.5 | 1090.5 | 1034.8 | 974.2  | 920.2  | 862.9  | 805.6  | 750.0  | 692.7  |
| 57.5° | 1451.1 | 1380.4 | 1312.9 | 1242.2 | 1168.0 | 1100.6 | 1031.5 | 962.4  | 898.3  | 832.6  | 770.2  |
| 55°   | 1666.9 | 1580.9 | 1496.7 | 1409.0 | 1323.1 | 1238.8 | 1151.1 | 1073.6 | 994.4  | 920.2  | 847.8  |
| 52.5° | 1902.8 | 1805.1 | 1700.6 | 1601.2 | 1491.6 | 1387.1 | 1289.3 | 1191.6 | 1098.9 | 1009.6 | 927.0  |
| 50°   | 2155.7 | 2041.0 | 1921.4 | 1800.0 | 1675.3 | 1552.3 | 1434.3 | 1319.7 | 1211.8 | 1107.3 | 1009.6 |
| 47.5° | 2418.6 | 2288.8 | 2152.3 | 2014.1 | 1880.9 | 1730.9 | 1589.4 | 1459.6 | 1329.8 | 1211.8 | 1098.9 |
| 45°   | 2688.2 | 2541.6 | 2391.6 | 2234.9 | 2078.1 | 1916.3 | 1759.6 | 1601.2 | 1459.6 | 1319.7 | 1191.6 |
| 42.5° | 2966.3 | 2801.2 | 2634.3 | 2460.7 | 2287.1 | 2110.1 | 1933.2 | 1759.6 | 1589.4 | 1434.3 | 1289.3 |
| 40°   | 3252.9 | 3070.8 | 2880.4 | 2691.6 | 2506.2 | 2304.0 | 2110.1 | 1916.3 | 1730.9 | 1552.3 | 1387.1 |
| 37.5° | 3539.4 | 3340.5 | 3134.9 | 2922.5 | 2710.2 | 2506.2 | 2287.1 | 2078.1 | 1880.9 | 1675.3 | 1491.6 |
| 35°   | 3827.6 | 3608.5 | 3386.0 | 3155.1 | 2922.5 | 2691.6 | 2460.7 | 2234.9 | 2014.1 | 1800.0 | 1601.2 |
| 32.5° | 4117.5 | 3878.2 | 3632.1 | 3386.0 | 3134.9 | 2880.4 | 2634.3 | 2391.6 | 2152.3 | 1921.4 | 1700.6 |
| 30°   | 4402.3 | 4142.8 | 3878.2 | 3608.5 | 3340.5 | 3070.8 | 2801.2 | 2541.6 | 2288.8 | 2041.0 | 1805.1 |
| 27.5° | 4680.4 | 4402.3 | 4117.5 | 3827.6 | 3539.4 | 3252.9 | 2966.3 | 2688.2 | 2418.6 | 2155.7 | 1902.8 |
| 25°   | 4948.4 | 4651.8 | 4346.7 | 4038.3 | 3731.5 | 3426.5 | 3124.8 | 2824.8 | 2541.6 | 2265.2 | 2000.6 |
| 22.5° | 5201.2 | 4887.7 | 4565.8 | 4238.8 | 3910.2 | 3588.3 | 3271.4 | 2959.6 | 2657.9 | 2368.0 | 2089.9 |
| 20°   | 5443.9 | 5108.5 | 4781.5 | 4424.2 | 4080.4 | 3741.6 | 3409.6 | 3082.6 | 2764.1 | 2462.4 | 2170.8 |
| 17.5° | 5664.7 | 5312.4 | 4955.1 | 4596.1 | 4235.5 | 3879.8 | 3532.6 | 3207.4 | 2861.8 | 2548.4 | 2248.4 |
| 15°   | 5863.6 | 5496.2 | 5122.0 | 4749.5 | 4373.7 | 4004.6 | 3643.9 | 3293.3 | 2951.2 | 2625.9 | 2315.8 |
| 12.5° | 6037.2 | 5656.3 | 5268.6 | 4882.7 | 4496.7 | 4114.1 | 3741.6 | 3379.3 | 3028.7 | 2691.6 | 2373.1 |
| 10°   | 6180.4 | 5791.1 | 5391.7 | 4993.9 | 4597.8 | 4205.1 | 3820.9 | 3451.7 | 3092.7 | 2747.2 | 2420.3 |
| 7.5°  | 6296.7 | 5897.3 | 5491.1 | 5081.5 | 4677.0 | 4275.9 | 3884.9 | 3507.4 | 3143.3 | 2789.4 | 2457.3 |
| 5°    | 6379.3 | 5974.8 | 5561.9 | 5143.9 | 4734.3 | 4328.2 | 3930.4 | 3547.8 | 3178.7 | 2819.7 | 2484.3 |
| 2.5°  | 6431.6 | 6037.2 | 5619.2 | 5196.2 | 4781.5 | 4370.3 | 3967.5 | 3579.8 | 3207.4 | 2845.0 | 2506.2 |
| 0°    | 6448.4 | 6037.2 | 5619.2 | 5196.2 | 4781.5 | 4370.3 | 3967.5 | 3579.8 | 3207.4 | 2845.0 | 2506.2 |



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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° | 40.5   | 37.1   | 33.7   | 32.0   | 28.7   | 27.0  | 23.6  | 20.2  | 18.5  | 15.2  | 11.8  |
| 85°   | 80.9   | 74.2   | 69.1   | 64.0   | 59.0   | 52.2  | 47.2  | 42.1  | 35.4  | 30.3  | 23.6  |
| 82.5° | 123.0  | 114.6  | 106.2  | 97.8   | 89.3   | 80.9  | 70.8  | 62.4  | 53.9  | 45.5  | 35.4  |
| 80°   | 170.2  | 156.7  | 144.9  | 133.1  | 121.4  | 109.6 | 96.1  | 84.3  | 70.8  | 59.0  | 47.2  |
| 77.5° | 219.1  | 203.9  | 187.1  | 170.2  | 153.4  | 138.2 | 121.4 | 106.2 | 91.0  | 74.2  | 59.0  |
| 75°   | 271.4  | 251.1  | 232.6  | 210.7  | 190.5  | 168.5 | 148.3 | 128.1 | 109.6 | 91.0  | 70.8  |
| 72.5° | 325.3  | 300.0  | 274.7  | 251.1  | 225.8  | 200.6 | 177.0 | 151.7 | 128.1 | 106.2 | 84.3  |
| 70°   | 380.9  | 350.6  | 320.2  | 291.6  | 262.9  | 232.6 | 205.6 | 177.0 | 148.3 | 121.4 | 96.1  |
| 67.5° | 439.9  | 404.5  | 369.1  | 332.0  | 300.0  | 266.3 | 232.6 | 200.6 | 168.5 | 138.2 | 109.6 |
| 65°   | 503.9  | 461.8  | 418.0  | 379.2  | 337.1  | 300.0 | 262.9 | 225.8 | 190.5 | 153.4 | 121.4 |
| 62.5° | 569.7  | 520.8  | 471.9  | 423.0  | 379.2  | 332.0 | 291.6 | 251.1 | 210.7 | 170.2 | 133.1 |
| 60°   | 637.1  | 581.5  | 525.9  | 471.9  | 418.0  | 369.1 | 320.2 | 274.7 | 232.6 | 187.1 | 144.9 |
| 57.5° | 706.2  | 643.8  | 581.5  | 520.8  | 461.8  | 404.5 | 350.6 | 300.0 | 251.1 | 203.9 | 156.7 |
| 55°   | 777.0  | 706.2  | 637.1  | 569.7  | 503.9  | 439.9 | 380.9 | 325.3 | 271.4 | 219.1 | 170.2 |
| 52.5° | 847.8  | 770.2  | 692.7  | 620.2  | 551.1  | 478.7 | 411.2 | 348.9 | 289.9 | 236.0 | 182.0 |
| 50°   | 920.2  | 832.6  | 750.0  | 669.1  | 589.9  | 514.1 | 441.6 | 374.2 | 310.1 | 251.1 | 193.8 |
| 47.5° | 994.4  | 898.3  | 805.6  | 718.0  | 633.7  | 551.1 | 471.9 | 397.8 | 328.7 | 266.3 | 205.6 |
| 45°   | 1073.6 | 962.4  | 862.9  | 768.6  | 675.9  | 588.2 | 502.3 | 421.4 | 348.9 | 281.5 | 217.4 |
| 42.5° | 1151.1 | 1031.5 | 920.2  | 820.8  | 718.0  | 623.6 | 532.6 | 446.6 | 367.4 | 294.9 | 227.5 |
| 40°   | 1238.8 | 1100.6 | 974.2  | 864.6  | 758.4  | 657.3 | 561.2 | 470.2 | 386.0 | 308.4 | 237.6 |
| 37.5° | 1323.1 | 1168.0 | 1034.8 | 911.8  | 797.2  | 691.0 | 589.9 | 493.8 | 404.5 | 321.9 | 247.8 |
| 35°   | 1409.0 | 1242.2 | 1090.5 | 955.6  | 836.0  | 724.7 | 616.9 | 515.7 | 419.7 | 333.7 | 257.9 |
| 32.5° | 1496.7 | 1312.9 | 1149.5 | 1002.8 | 874.7  | 755.1 | 642.1 | 536.0 | 436.5 | 347.2 | 266.3 |
| 30°   | 1580.9 | 1380.4 | 1205.1 | 1048.3 | 910.1  | 785.4 | 667.4 | 556.2 | 453.4 | 359.0 | 274.7 |
| 27.5° | 1666.9 | 1451.1 | 1260.7 | 1090.5 | 943.8  | 812.4 | 689.3 | 574.7 | 468.5 | 370.8 | 283.2 |
| 25°   | 1749.5 | 1518.6 | 1312.9 | 1130.9 | 974.2  | 839.3 | 712.9 | 593.3 | 482.0 | 380.9 | 289.9 |
| 22.5° | 1825.3 | 1577.6 | 1360.1 | 1169.7 | 1006.2 | 862.9 | 733.2 | 610.1 | 495.5 | 391.0 | 296.6 |
| 20°   | 1894.4 | 1638.2 | 1409.0 | 1208.4 | 1036.5 | 886.5 | 750.0 | 625.3 | 507.3 | 399.4 | 303.4 |
| 17.5° | 1961.8 | 1693.8 | 1452.8 | 1243.8 | 1061.8 | 906.8 | 766.9 | 637.1 | 517.4 | 406.2 | 308.4 |
| 15°   | 2019.1 | 1742.7 | 1491.6 | 1274.2 | 1085.4 | 923.6 | 780.4 | 648.9 | 525.9 | 412.9 | 311.8 |
| 12.5° | 2069.7 | 1784.9 | 1525.3 | 1299.5 | 1104.0 | 938.8 | 793.8 | 659.0 | 534.3 | 418.0 | 316.9 |
| 10°   | 2110.1 | 1818.6 | 1552.3 | 1321.4 | 1120.8 | 950.6 | 802.3 | 667.4 | 539.3 | 423.0 | 320.2 |
| 7.5°  | 2142.2 | 1845.5 | 1574.2 | 1336.5 | 1132.6 | 960.7 | 810.7 | 672.5 | 544.4 | 426.4 | 325.3 |
| 5°    | 2165.8 | 1865.8 | 1589.4 | 1348.3 | 1142.7 | 972.5 | 820.8 | 680.9 | 551.1 | 431.5 | 325.3 |
| 2.5°  | 2184.3 | 1880.9 | 1601.2 | 1358.5 | 1149.5 | 972.5 | 820.8 | 680.9 | 551.1 | 431.5 | 325.3 |
| 0°    | 2184.3 | 1880.9 | 1601.2 | 1358.5 | 1149.5 | 972.5 | 820.8 | 680.9 | 551.1 | 431.5 | 325.3 |

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**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 8.4   | 6.7   | 3.4   | 0.0 |
| 85°   | 18.5  | 11.8  | 6.7   | 0.0 |
| 82.5° | 27.0  | 18.5  | 8.4   | 0.0 |
| 80°   | 35.4  | 23.6  | 11.8  | 0.0 |
| 77.5° | 45.5  | 30.3  | 15.2  | 0.0 |
| 75°   | 53.9  | 35.4  | 18.5  | 0.0 |
| 72.5° | 62.4  | 42.1  | 20.2  | 0.0 |
| 70°   | 70.8  | 47.2  | 23.6  | 0.0 |
| 67.5° | 80.9  | 52.2  | 27.0  | 0.0 |
| 65°   | 89.3  | 59.0  | 28.7  | 0.0 |
| 62.5° | 97.8  | 64.0  | 32.0  | 0.0 |
| 60°   | 106.2 | 69.1  | 33.7  | 0.0 |
| 57.5° | 114.6 | 74.2  | 37.1  | 0.0 |
| 55°   | 123.0 | 80.9  | 40.5  | 0.0 |
| 52.5° | 131.5 | 86.0  | 42.1  | 0.0 |
| 50°   | 139.9 | 91.0  | 43.8  | 0.0 |
| 47.5° | 146.6 | 96.1  | 47.2  | 0.0 |
| 45°   | 155.1 | 101.1 | 48.9  | 0.0 |
| 42.5° | 163.5 | 104.5 | 50.6  | 0.0 |
| 40°   | 170.2 | 109.6 | 52.2  | 0.0 |
| 37.5° | 178.7 | 112.9 | 55.6  | 0.0 |
| 35°   | 185.4 | 118.0 | 57.3  | 0.0 |
| 32.5° | 190.5 | 121.4 | 59.0  | 0.0 |
| 30°   | 197.2 | 124.7 | 60.7  | 0.0 |
| 27.5° | 202.3 | 128.1 | 60.7  | 0.0 |
| 25°   | 207.3 | 131.5 | 62.4  | 0.0 |
| 22.5° | 212.4 | 133.1 | 64.0  | 0.0 |
| 20°   | 217.4 | 136.5 | 65.7  | 0.0 |
| 17.5° | 220.8 | 138.2 | 65.7  | 0.0 |
| 15°   | 224.2 | 139.9 | 69.1  | 0.0 |
| 12.5° | 225.8 | 141.6 | 69.1  | 0.0 |
| 10°   | 229.2 | 144.9 | 69.1  | 0.0 |
| 7.5°  | 232.6 | 144.9 | 69.1  | 0.0 |
| 5°    | 232.6 | 144.9 | 69.1  | 0.0 |
| 2.5°  | 232.6 | 144.9 | 69.1  | 0.0 |
| 0°    | 232.6 | 144.9 | 69.1  | 0.0 |

(END OF REPORT)