

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: P623856

Luminaire Tested: **IFLD-M-SA4B-727-U-77**

Issue Date: 11/2/2022

### Test Information

Test Method: LM-79-2019  
Report Number: P623856  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 11/2/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4B-727-U-77  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7 distribution lens  
Light Source: (64) 2700K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

### Summary

|                   |                                      |                      |                   |
|-------------------|--------------------------------------|----------------------|-------------------|
| Lumens per Lamp:  | N/A                                  | NEMA Type:           | 7H x 7V           |
| Luminaire Lumens: | 19830.1 lumens                       | Max Intensity:       | 11013.5 candela   |
| Efficiency:       | N/A                                  | Max Intensity Angle: | 0°H x 0°V         |
| Efficacy:         | 119.4 lumens/watt                    |                      |                   |
| Luminous Opening: | Rectangular (W 2' 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:      | 8580.3 lumens                        | Field Lumens:        | 14049.9 lumens    |
| Beam Efficiency:  | 43.3%                                | Field Efficiency:    | 70.9%             |

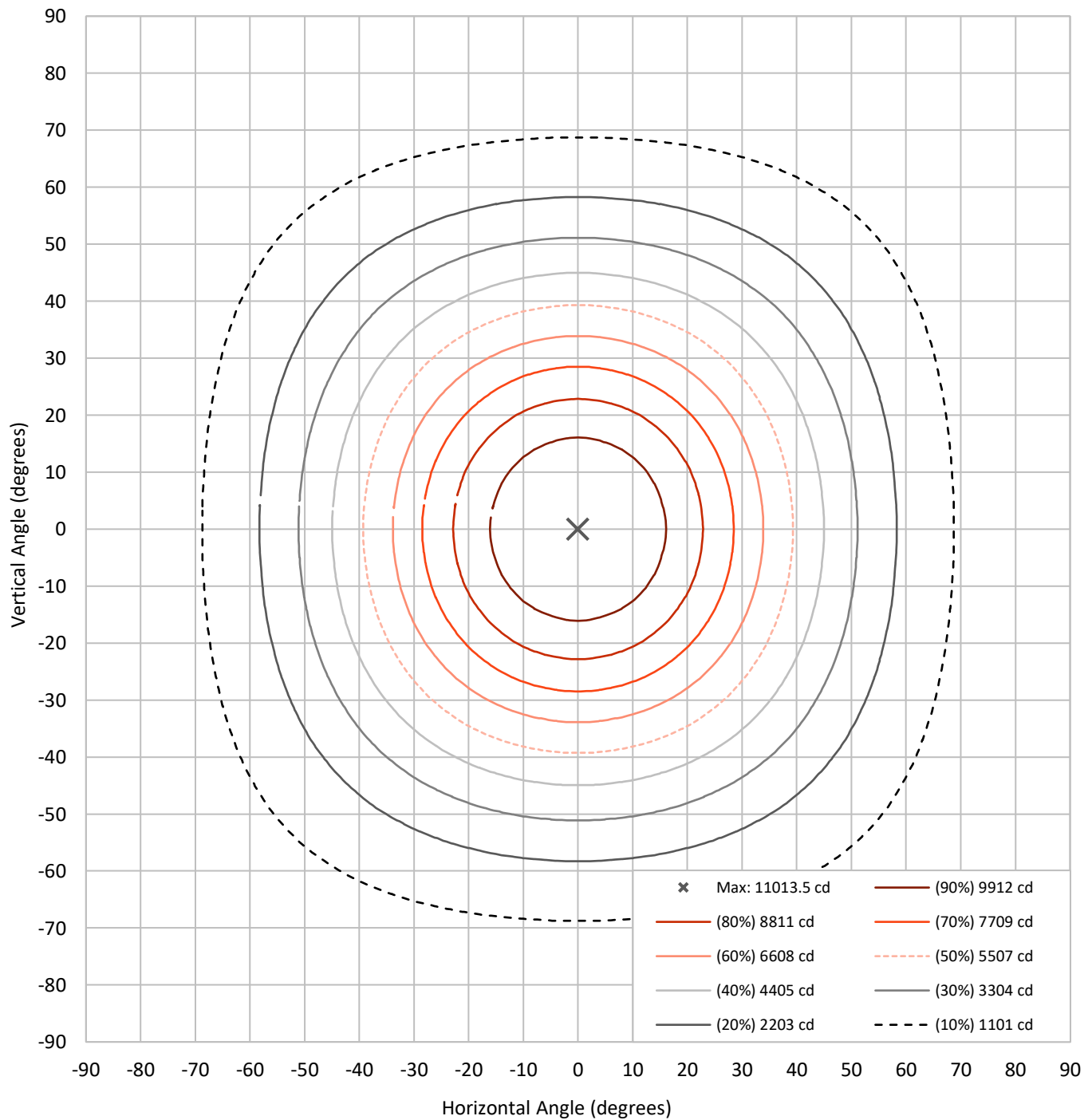
Input Watts (W): 166.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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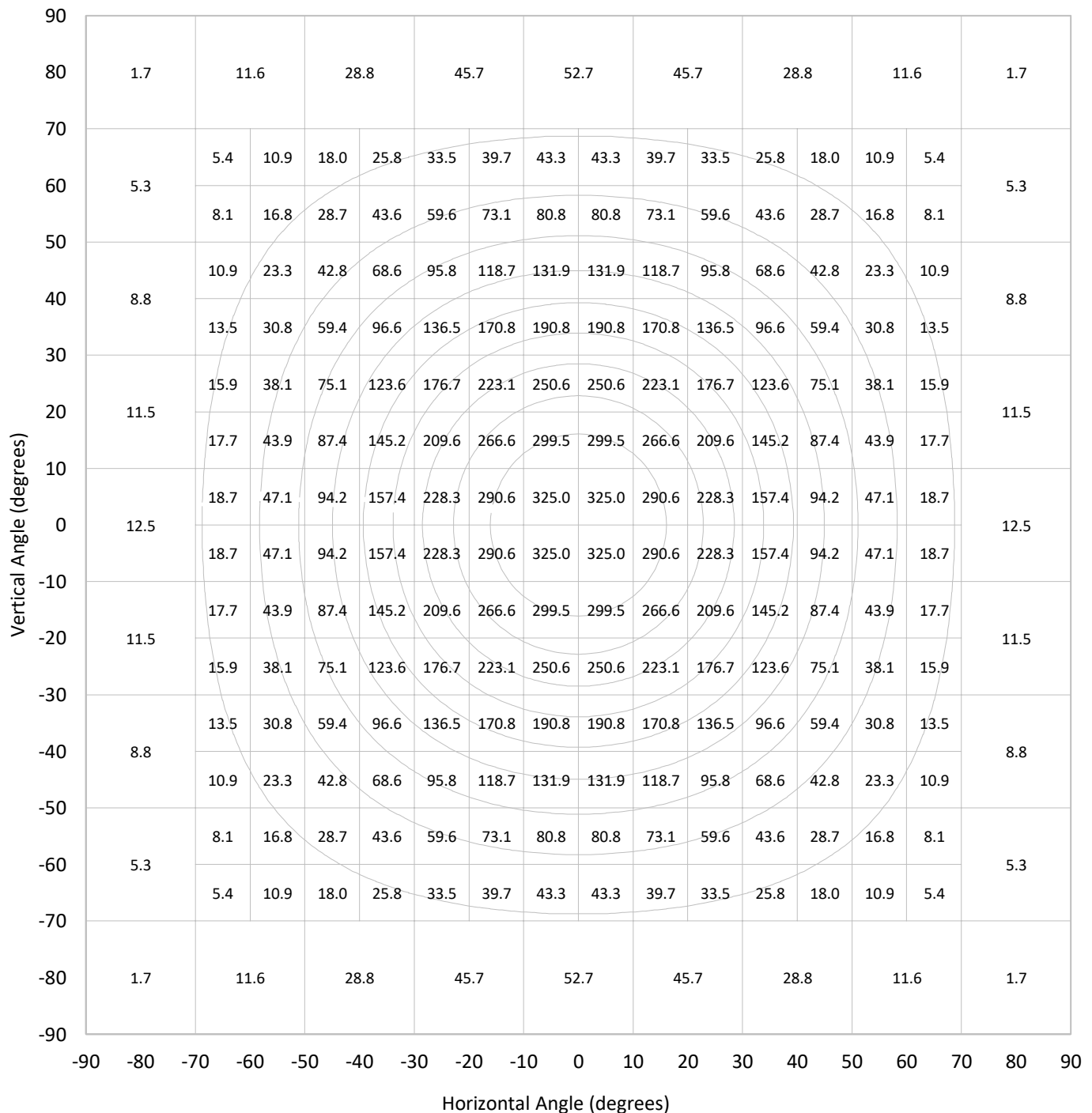
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## Iso-Candela Plot



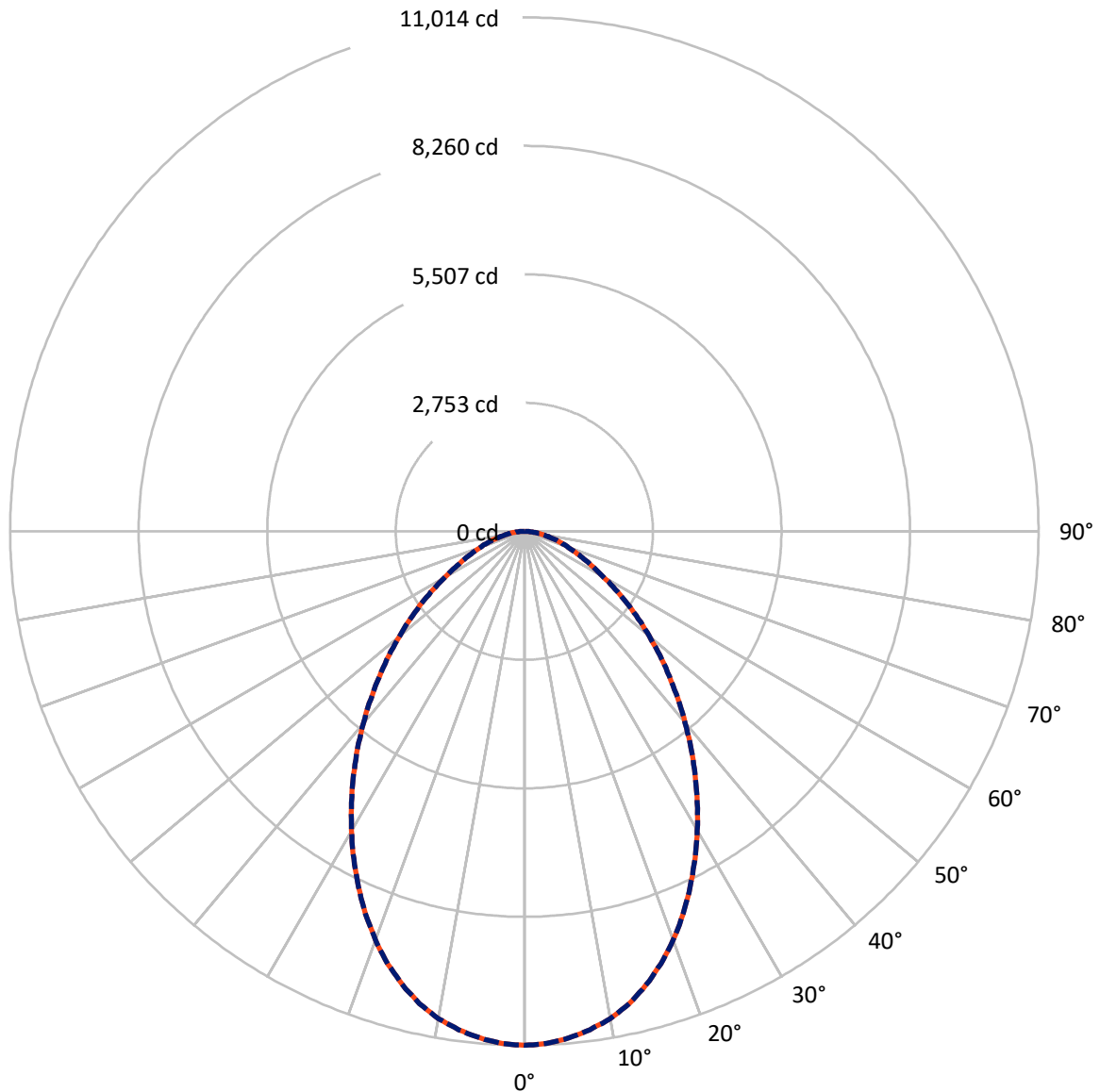
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## Lumen Table



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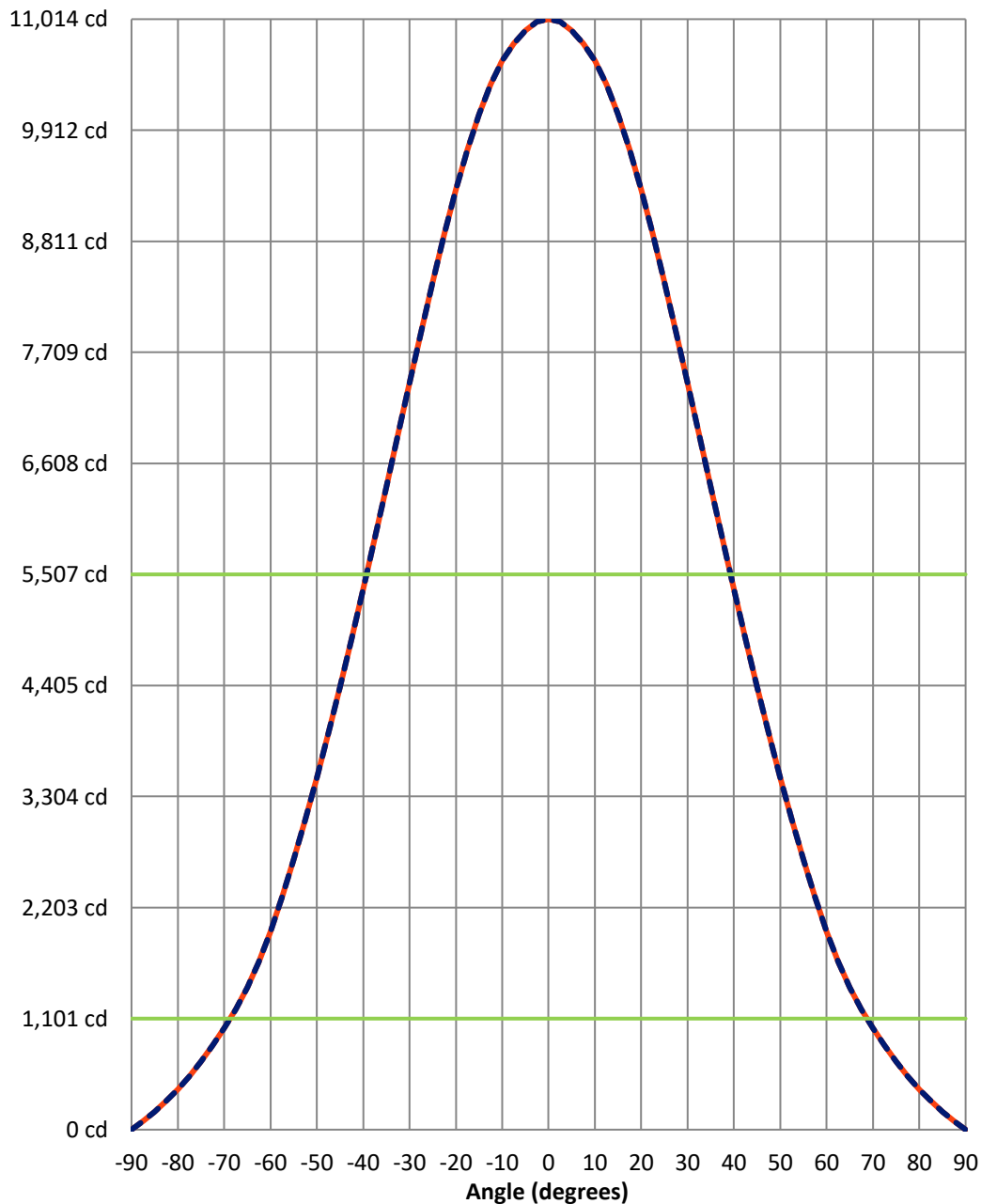
## Luminous Intensity Polar Plot



— 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: 8580.3  
Efficiency: 43.3%

**Field:**

H Angle: 137.5°  
V Angle: 137.5°  
Lumens: 14049.9  
Efficiency: 70.9%

**Spill:**

Lumens: 5780.2  
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° | 84.8    | 84.8    | 84.8    | 84.8    | 84.8    | 84.8    | 84.8    | 80.6   | 80.6   | 78.6   | 76.5   |
| 85°   | 177.8   | 177.8   | 177.8   | 177.8   | 177.8   | 173.7   | 171.6   | 169.5  | 167.5  | 163.3  | 161.3  |
| 82.5° | 285.3   | 285.3   | 285.3   | 285.3   | 281.2   | 277.0   | 275.0   | 270.8  | 266.7  | 260.5  | 254.3  |
| 80°   | 399.0   | 399.0   | 399.0   | 399.0   | 392.8   | 388.7   | 382.5   | 378.4  | 372.1  | 363.9  | 355.6  |
| 77.5° | 529.3   | 529.3   | 529.3   | 523.1   | 518.9   | 512.7   | 506.5   | 498.3  | 490.0  | 479.7  | 467.3  |
| 75°   | 676.1   | 676.1   | 676.1   | 667.8   | 661.6   | 655.4   | 645.1   | 634.7  | 622.3  | 607.8  | 591.3  |
| 72.5° | 835.3   | 835.3   | 835.3   | 824.9   | 818.7   | 808.4   | 796.0   | 781.5  | 767.0  | 748.4  | 727.8  |
| 70°   | 1006.9  | 1006.9  | 1006.9  | 994.5   | 984.1   | 973.8   | 957.2   | 940.7  | 920.0  | 899.4  | 874.5  |
| 67.5° | 1192.9  | 1192.9  | 1192.9  | 1178.5  | 1166.1  | 1151.6  | 1133.0  | 1112.3 | 1087.5 | 1058.6 | 1029.6 |
| 65°   | 1410.0  | 1410.0  | 1401.8  | 1389.4  | 1374.9  | 1354.2  | 1331.5  | 1302.5 | 1271.5 | 1234.3 | 1195.0 |
| 62.5° | 1666.4  | 1666.4  | 1654.0  | 1639.5  | 1620.9  | 1594.0  | 1563.0  | 1525.8 | 1482.4 | 1434.8 | 1387.3 |
| 60°   | 1964.1  | 1964.1  | 1949.6  | 1931.0  | 1904.2  | 1871.1  | 1829.7  | 1782.2 | 1728.4 | 1668.5 | 1610.6 |
| 57.5° | 2307.3  | 2307.3  | 2288.7  | 2263.9  | 2230.8  | 2189.5  | 2137.8  | 2077.8 | 2009.6 | 1935.2 | 1862.8 |
| 55°   | 2679.5  | 2679.5  | 2656.7  | 2627.8  | 2588.5  | 2538.9  | 2476.9  | 2406.6 | 2323.9 | 2239.1 | 2146.1 |
| 52.5° | 3074.4  | 3074.4  | 3047.5  | 3014.4  | 2968.9  | 2911.0  | 2840.7  | 2758.0 | 2662.9 | 2563.7 | 2454.1 |
| 50°   | 3489.9  | 3489.9  | 3458.9  | 3421.7  | 3370.0  | 3301.8  | 3221.1  | 3126.0 | 3020.6 | 2904.8 | 2778.7 |
| 47.5° | 3934.4  | 3934.4  | 3899.3  | 3855.9  | 3793.8  | 3715.3  | 3620.2  | 3510.6 | 3390.7 | 3260.4 | 3117.8 |
| 45°   | 4391.3  | 4391.3  | 4352.1  | 4302.4  | 4234.2  | 4145.3  | 4039.9  | 3934.4 | 3781.4 | 3630.5 | 3465.1 |
| 42.5° | 4866.9  | 4866.9  | 4821.4  | 4765.6  | 4687.0  | 4589.8  | 4469.9  | 4333.5 | 4182.5 | 4013.0 | 3833.1 |
| 40°   | 5361.0  | 5361.0  | 5309.3  | 5245.2  | 5158.4  | 5046.7  | 4912.4  | 4759.4 | 4589.8 | 4401.7 | 4203.2 |
| 37.5° | 5865.5  | 5865.5  | 5807.6  | 5737.3  | 5640.1  | 5516.1  | 5365.1  | 5195.6 | 5005.4 | 4796.6 | 4577.4 |
| 35°   | 6374.1  | 6374.1  | 6310.0  | 6233.5  | 6126.0  | 5989.5  | 5826.2  | 5638.0 | 5427.2 | 5199.7 | 4953.7 |
| 32.5° | 6893.0  | 6893.0  | 6822.7  | 6735.9  | 6613.9  | 6463.0  | 6283.1  | 6078.4 | 5865.5 | 5600.8 | 5332.1 |
| 30°   | 7405.7  | 7405.7  | 7329.2  | 7234.1  | 7103.9  | 6938.5  | 6742.1  | 6516.7 | 6266.6 | 5995.7 | 5706.3 |
| 27.5° | 7910.2  | 7889.5  | 7825.4  | 7724.1  | 7581.5  | 7405.7  | 7192.8  | 6948.8 | 6678.0 | 6380.3 | 6070.1 |
| 25°   | 8406.4  | 8383.7  | 8313.4  | 8201.7  | 8048.7  | 7856.5  | 7627.0  | 7366.5 | 7074.9 | 6760.7 | 6421.6 |
| 22.5° | 8881.9  | 8857.1  | 8782.7  | 8662.8  | 8499.4  | 8290.6  | 8044.6  | 7765.5 | 7455.4 | 7118.4 | 6760.7 |
| 20°   | 9322.3  | 9295.4  | 9218.9  | 9092.8  | 8923.3  | 8702.1  | 8441.6  | 8141.8 | 7811.0 | 7455.4 | 7074.9 |
| 17.5° | 9719.3  | 9692.4  | 9611.8  | 9481.5  | 9322.3  | 9076.3  | 8807.5  | 8491.2 | 8141.8 | 7765.5 | 7366.5 |
| 15°   | 10068.7 | 10039.7 | 9957.0  | 9826.8  | 9644.8  | 9413.3  | 9130.0  | 8807.5 | 8441.6 | 8044.6 | 7627.0 |
| 12.5° | 10366.4 | 10337.4 | 10252.7 | 10122.4 | 9934.3  | 9702.7  | 9413.3  | 9076.3 | 8702.1 | 8290.6 | 7856.5 |
| 10°   | 10602.1 | 10573.1 | 10492.5 | 10368.5 | 10174.1 | 9934.3  | 9644.8  | 9322.3 | 8923.3 | 8499.4 | 8048.7 |
| 7.5°  | 10771.6 | 10744.7 | 10670.3 | 10546.3 | 10368.5 | 10122.4 | 9826.8  | 9481.5 | 9092.8 | 8662.8 | 8201.7 |
| 5°    | 10899.8 | 10868.8 | 10794.4 | 10670.3 | 10492.5 | 10252.7 | 9957.0  | 9611.8 | 9218.9 | 8782.7 | 8313.4 |
| 2.5°  | 10988.7 | 10951.5 | 10868.8 | 10744.7 | 10573.1 | 10337.4 | 10039.7 | 9692.4 | 9295.4 | 8857.1 | 8383.7 |
| 0°    | 11013.5 | 10988.7 | 10899.8 | 10771.6 | 10602.1 | 10366.4 | 10068.7 | 9719.3 | 9322.3 | 8881.9 | 8406.4 |

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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° | 74.4   | 74.4   | 72.4   | 70.3   | 68.2   | 64.1   | 62.0   | 60.0   | 57.9   | 53.8   | 51.7   |
| 85°   | 157.1  | 153.0  | 148.9  | 144.7  | 138.5  | 134.4  | 128.2  | 124.0  | 117.8  | 111.6  | 105.4  |
| 82.5° | 248.1  | 241.9  | 233.6  | 227.4  | 219.2  | 208.8  | 200.5  | 190.2  | 179.9  | 171.6  | 161.3  |
| 80°   | 347.3  | 337.0  | 326.7  | 316.3  | 303.9  | 291.5  | 279.1  | 266.7  | 252.2  | 237.8  | 223.3  |
| 77.5° | 454.8  | 440.4  | 425.9  | 409.4  | 394.9  | 378.4  | 361.8  | 345.3  | 326.7  | 308.1  | 289.4  |
| 75°   | 574.8  | 556.2  | 535.5  | 514.8  | 496.2  | 473.5  | 450.7  | 428.0  | 403.2  | 380.4  | 355.6  |
| 72.5° | 705.0  | 682.3  | 657.5  | 632.7  | 605.8  | 576.8  | 547.9  | 516.9  | 487.9  | 459.0  | 428.0  |
| 70°   | 845.6  | 818.7  | 787.7  | 756.7  | 723.6  | 688.5  | 653.3  | 616.1  | 578.9  | 541.7  | 504.5  |
| 67.5° | 996.5  | 963.5  | 926.2  | 889.0  | 847.7  | 806.3  | 765.0  | 721.6  | 676.1  | 630.6  | 587.2  |
| 65°   | 1157.8 | 1116.4 | 1073.0 | 1025.5 | 977.9  | 930.4  | 880.8  | 829.1  | 777.4  | 723.6  | 676.1  |
| 62.5° | 1337.7 | 1286.0 | 1230.2 | 1172.3 | 1118.5 | 1060.6 | 1006.9 | 942.8  | 880.8  | 820.8  | 760.8  |
| 60°   | 1546.5 | 1478.3 | 1410.0 | 1337.7 | 1269.4 | 1195.0 | 1128.8 | 1058.6 | 988.3  | 920.0  | 849.7  |
| 57.5° | 1780.1 | 1693.3 | 1610.6 | 1523.7 | 1432.8 | 1350.1 | 1265.3 | 1180.5 | 1102.0 | 1021.3 | 944.8  |
| 55°   | 2044.7 | 1939.3 | 1835.9 | 1728.4 | 1623.0 | 1519.6 | 1412.1 | 1317.0 | 1219.8 | 1128.8 | 1039.9 |
| 52.5° | 2334.2 | 2214.3 | 2086.1 | 1964.1 | 1829.7 | 1701.5 | 1581.6 | 1461.7 | 1348.0 | 1238.4 | 1137.1 |
| 50°   | 2644.3 | 2503.7 | 2356.9 | 2208.1 | 2055.1 | 1904.2 | 1759.4 | 1618.8 | 1486.5 | 1358.3 | 1238.4 |
| 47.5° | 2966.8 | 2807.7 | 2640.2 | 2470.6 | 2307.3 | 2123.3 | 1949.6 | 1790.4 | 1631.2 | 1486.5 | 1348.0 |
| 45°   | 3297.6 | 3117.8 | 2933.8 | 2741.5 | 2549.2 | 2350.7 | 2158.5 | 1964.1 | 1790.4 | 1618.8 | 1461.7 |
| 42.5° | 3638.8 | 3436.2 | 3231.5 | 3018.5 | 2805.6 | 2588.5 | 2371.4 | 2158.5 | 1949.6 | 1759.4 | 1581.6 |
| 40°   | 3990.3 | 3767.0 | 3533.3 | 3301.8 | 3074.4 | 2826.3 | 2588.5 | 2350.7 | 2123.3 | 1904.2 | 1701.5 |
| 37.5° | 4341.7 | 4097.8 | 3845.5 | 3585.0 | 3324.5 | 3074.4 | 2805.6 | 2549.2 | 2307.3 | 2055.1 | 1829.7 |
| 35°   | 4695.3 | 4426.5 | 4153.6 | 3870.3 | 3585.0 | 3301.8 | 3018.5 | 2741.5 | 2470.6 | 2208.1 | 1964.1 |
| 32.5° | 5050.9 | 4757.3 | 4455.4 | 4153.6 | 3845.5 | 3533.3 | 3231.5 | 2933.8 | 2640.2 | 2356.9 | 2086.1 |
| 30°   | 5400.3 | 5081.9 | 4757.3 | 4426.5 | 4097.8 | 3767.0 | 3436.2 | 3117.8 | 2807.7 | 2503.7 | 2214.3 |
| 27.5° | 5741.4 | 5400.3 | 5050.9 | 4695.3 | 4341.7 | 3990.3 | 3638.8 | 3297.6 | 2966.8 | 2644.3 | 2334.2 |
| 25°   | 6070.1 | 5706.3 | 5332.1 | 4953.7 | 4577.4 | 4203.2 | 3833.1 | 3465.1 | 3117.8 | 2778.7 | 2454.1 |
| 22.5° | 6380.3 | 5995.7 | 5600.8 | 5199.7 | 4796.6 | 4401.7 | 4013.0 | 3630.5 | 3260.4 | 2904.8 | 2563.7 |
| 20°   | 6678.0 | 6266.6 | 5865.5 | 5427.2 | 5005.4 | 4589.8 | 4182.5 | 3781.4 | 3390.7 | 3020.6 | 2662.9 |
| 17.5° | 6948.8 | 6516.7 | 6078.4 | 5638.0 | 5195.6 | 4759.4 | 4333.5 | 3934.4 | 3510.6 | 3126.0 | 2758.0 |
| 15°   | 7192.8 | 6742.1 | 6283.1 | 5826.2 | 5365.1 | 4912.4 | 4469.9 | 4039.9 | 3620.2 | 3221.1 | 2840.7 |
| 12.5° | 7405.7 | 6938.5 | 6463.0 | 5989.5 | 5516.1 | 5046.7 | 4589.8 | 4145.3 | 3715.3 | 3301.8 | 2911.0 |
| 10°   | 7581.5 | 7103.9 | 6613.9 | 6126.0 | 5640.1 | 5158.4 | 4687.0 | 4234.2 | 3793.8 | 3370.0 | 2968.9 |
| 7.5°  | 7724.1 | 7234.1 | 6735.9 | 6233.5 | 5737.3 | 5245.2 | 4765.6 | 4302.4 | 3855.9 | 3421.7 | 3014.4 |
| 5°    | 7825.4 | 7329.2 | 6822.7 | 6310.0 | 5807.6 | 5309.3 | 4821.4 | 4352.1 | 3899.3 | 3458.9 | 3047.5 |
| 2.5°  | 7889.5 | 7405.7 | 6893.0 | 6374.1 | 5865.5 | 5361.0 | 4866.9 | 4391.3 | 3934.4 | 3489.9 | 3074.4 |
| 0°    | 7910.2 | 7405.7 | 6893.0 | 6374.1 | 5865.5 | 5361.0 | 4866.9 | 4391.3 | 3934.4 | 3489.9 | 3074.4 |

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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° | 49.6   | 45.5   | 41.3   | 39.3   | 35.1   | 33.1   | 28.9   | 24.8  | 22.7  | 18.6  | 14.5  |
| 85°   | 99.2   | 91.0   | 84.8   | 78.6   | 72.4   | 64.1   | 57.9   | 51.7  | 43.4  | 37.2  | 28.9  |
| 82.5° | 150.9  | 140.6  | 130.3  | 119.9  | 109.6  | 99.2   | 86.8   | 76.5  | 66.2  | 55.8  | 43.4  |
| 80°   | 208.8  | 192.3  | 177.8  | 163.3  | 148.9  | 134.4  | 117.8  | 103.4 | 86.8  | 72.4  | 57.9  |
| 77.5° | 268.8  | 250.2  | 229.5  | 208.8  | 188.1  | 169.5  | 148.9  | 130.3 | 111.6 | 91.0  | 72.4  |
| 75°   | 332.9  | 308.1  | 285.3  | 258.4  | 233.6  | 206.7  | 181.9  | 157.1 | 134.4 | 111.6 | 86.8  |
| 72.5° | 399.0  | 368.0  | 337.0  | 308.1  | 277.0  | 246.0  | 217.1  | 186.1 | 157.1 | 130.3 | 103.4 |
| 70°   | 467.3  | 430.0  | 392.8  | 357.7  | 322.5  | 285.3  | 252.2  | 217.1 | 181.9 | 148.9 | 117.8 |
| 67.5° | 539.6  | 496.2  | 452.8  | 407.3  | 368.0  | 326.7  | 285.3  | 246.0 | 206.7 | 169.5 | 134.4 |
| 65°   | 618.2  | 566.5  | 512.7  | 465.2  | 413.5  | 368.0  | 322.5  | 277.0 | 233.6 | 188.1 | 148.9 |
| 62.5° | 698.8  | 638.9  | 578.9  | 518.9  | 465.2  | 407.3  | 357.7  | 308.1 | 258.4 | 208.8 | 163.3 |
| 60°   | 781.5  | 713.3  | 645.1  | 578.9  | 512.7  | 452.8  | 392.8  | 337.0 | 285.3 | 229.5 | 177.8 |
| 57.5° | 866.3  | 789.8  | 713.3  | 638.9  | 566.5  | 496.2  | 430.0  | 368.0 | 308.1 | 250.2 | 192.3 |
| 55°   | 953.1  | 866.3  | 781.5  | 698.8  | 618.2  | 539.6  | 467.3  | 399.0 | 332.9 | 268.8 | 208.8 |
| 52.5° | 1039.9 | 944.8  | 849.7  | 760.8  | 676.1  | 587.2  | 504.5  | 428.0 | 355.6 | 289.4 | 223.3 |
| 50°   | 1128.8 | 1021.3 | 920.0  | 820.8  | 723.6  | 630.6  | 541.7  | 459.0 | 380.4 | 308.1 | 237.8 |
| 47.5° | 1219.8 | 1102.0 | 988.3  | 880.8  | 777.4  | 676.1  | 578.9  | 487.9 | 403.2 | 326.7 | 252.2 |
| 45°   | 1317.0 | 1180.5 | 1058.6 | 942.8  | 829.1  | 721.6  | 616.1  | 516.9 | 428.0 | 345.3 | 266.7 |
| 42.5° | 1412.1 | 1265.3 | 1128.8 | 1006.9 | 880.8  | 765.0  | 653.3  | 547.9 | 450.7 | 361.8 | 279.1 |
| 40°   | 1519.6 | 1350.1 | 1195.0 | 1060.6 | 930.4  | 806.3  | 688.5  | 576.8 | 473.5 | 378.4 | 291.5 |
| 37.5° | 1623.0 | 1432.8 | 1269.4 | 1118.5 | 977.9  | 847.7  | 723.6  | 605.8 | 496.2 | 394.9 | 303.9 |
| 35°   | 1728.4 | 1523.7 | 1337.7 | 1172.3 | 1025.5 | 889.0  | 756.7  | 632.7 | 514.8 | 409.4 | 316.3 |
| 32.5° | 1835.9 | 1610.6 | 1410.0 | 1230.2 | 1073.0 | 926.2  | 787.7  | 657.5 | 535.5 | 425.9 | 326.7 |
| 30°   | 1939.3 | 1693.3 | 1478.3 | 1286.0 | 1116.4 | 963.5  | 818.7  | 682.3 | 556.2 | 440.4 | 337.0 |
| 27.5° | 2044.7 | 1780.1 | 1546.5 | 1337.7 | 1157.8 | 996.5  | 845.6  | 705.0 | 574.8 | 454.8 | 347.3 |
| 25°   | 2146.1 | 1862.8 | 1610.6 | 1387.3 | 1195.0 | 1029.6 | 874.5  | 727.8 | 591.3 | 467.3 | 355.6 |
| 22.5° | 2239.1 | 1935.2 | 1668.5 | 1434.8 | 1234.3 | 1058.6 | 899.4  | 748.4 | 607.8 | 479.7 | 363.9 |
| 20°   | 2323.9 | 2009.6 | 1728.4 | 1482.4 | 1271.5 | 1087.5 | 920.0  | 767.0 | 622.3 | 490.0 | 372.1 |
| 17.5° | 2406.6 | 2077.8 | 1782.2 | 1525.8 | 1302.5 | 1112.3 | 940.7  | 781.5 | 634.7 | 498.3 | 378.4 |
| 15°   | 2476.9 | 2137.8 | 1829.7 | 1563.0 | 1331.5 | 1133.0 | 957.2  | 796.0 | 645.1 | 506.5 | 382.5 |
| 12.5° | 2538.9 | 2189.5 | 1871.1 | 1594.0 | 1354.2 | 1151.6 | 973.8  | 808.4 | 655.4 | 512.7 | 388.7 |
| 10°   | 2588.5 | 2230.8 | 1904.2 | 1620.9 | 1374.9 | 1166.1 | 984.1  | 818.7 | 661.6 | 518.9 | 392.8 |
| 7.5°  | 2627.8 | 2263.9 | 1931.0 | 1639.5 | 1389.4 | 1178.5 | 994.5  | 824.9 | 667.8 | 523.1 | 399.0 |
| 5°    | 2656.7 | 2288.7 | 1949.6 | 1654.0 | 1401.8 | 1192.9 | 1006.9 | 835.3 | 676.1 | 529.3 | 399.0 |
| 2.5°  | 2679.5 | 2307.3 | 1964.1 | 1666.4 | 1410.0 | 1192.9 | 1006.9 | 835.3 | 676.1 | 529.3 | 399.0 |
| 0°    | 2679.5 | 2307.3 | 1964.1 | 1666.4 | 1410.0 | 1192.9 | 1006.9 | 835.3 | 676.1 | 529.3 | 399.0 |

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**CANDELA DISTRIBUTION (continued):**

|       | 82.5° | 85°   | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90°   | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5° | 10.3  | 8.3   | 4.1   | 0.0 |
| 85°   | 22.7  | 14.5  | 8.3   | 0.0 |
| 82.5° | 33.1  | 22.7  | 10.3  | 0.0 |
| 80°   | 43.4  | 28.9  | 14.5  | 0.0 |
| 77.5° | 55.8  | 37.2  | 18.6  | 0.0 |
| 75°   | 66.2  | 43.4  | 22.7  | 0.0 |
| 72.5° | 76.5  | 51.7  | 24.8  | 0.0 |
| 70°   | 86.8  | 57.9  | 28.9  | 0.0 |
| 67.5° | 99.2  | 64.1  | 33.1  | 0.0 |
| 65°   | 109.6 | 72.4  | 35.1  | 0.0 |
| 62.5° | 119.9 | 78.6  | 39.3  | 0.0 |
| 60°   | 130.3 | 84.8  | 41.3  | 0.0 |
| 57.5° | 140.6 | 91.0  | 45.5  | 0.0 |
| 55°   | 150.9 | 99.2  | 49.6  | 0.0 |
| 52.5° | 161.3 | 105.4 | 51.7  | 0.0 |
| 50°   | 171.6 | 111.6 | 53.8  | 0.0 |
| 47.5° | 179.9 | 117.8 | 57.9  | 0.0 |
| 45°   | 190.2 | 124.0 | 60.0  | 0.0 |
| 42.5° | 200.5 | 128.2 | 62.0  | 0.0 |
| 40°   | 208.8 | 134.4 | 64.1  | 0.0 |
| 37.5° | 219.2 | 138.5 | 68.2  | 0.0 |
| 35°   | 227.4 | 144.7 | 70.3  | 0.0 |
| 32.5° | 233.6 | 148.9 | 72.4  | 0.0 |
| 30°   | 241.9 | 153.0 | 74.4  | 0.0 |
| 27.5° | 248.1 | 157.1 | 74.4  | 0.0 |
| 25°   | 254.3 | 161.3 | 76.5  | 0.0 |
| 22.5° | 260.5 | 163.3 | 78.6  | 0.0 |
| 20°   | 266.7 | 167.5 | 80.6  | 0.0 |
| 17.5° | 270.8 | 169.5 | 80.6  | 0.0 |
| 15°   | 275.0 | 171.6 | 84.8  | 0.0 |
| 12.5° | 277.0 | 173.7 | 84.8  | 0.0 |
| 10°   | 281.2 | 177.8 | 84.8  | 0.0 |
| 7.5°  | 285.3 | 177.8 | 84.8  | 0.0 |
| 5°    | 285.3 | 177.8 | 84.8  | 0.0 |
| 2.5°  | 285.3 | 177.8 | 84.8  | 0.0 |
| 0°    | 285.3 | 177.8 | 84.8  | 0.0 |

(END OF REPORT)