

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: P628162

Luminaire Tested: **IFLD-S-SA6C-722-U-LAM**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P628162
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6C-722-U-LAM
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/
Lambertian distribution lens
Light Source: (96) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

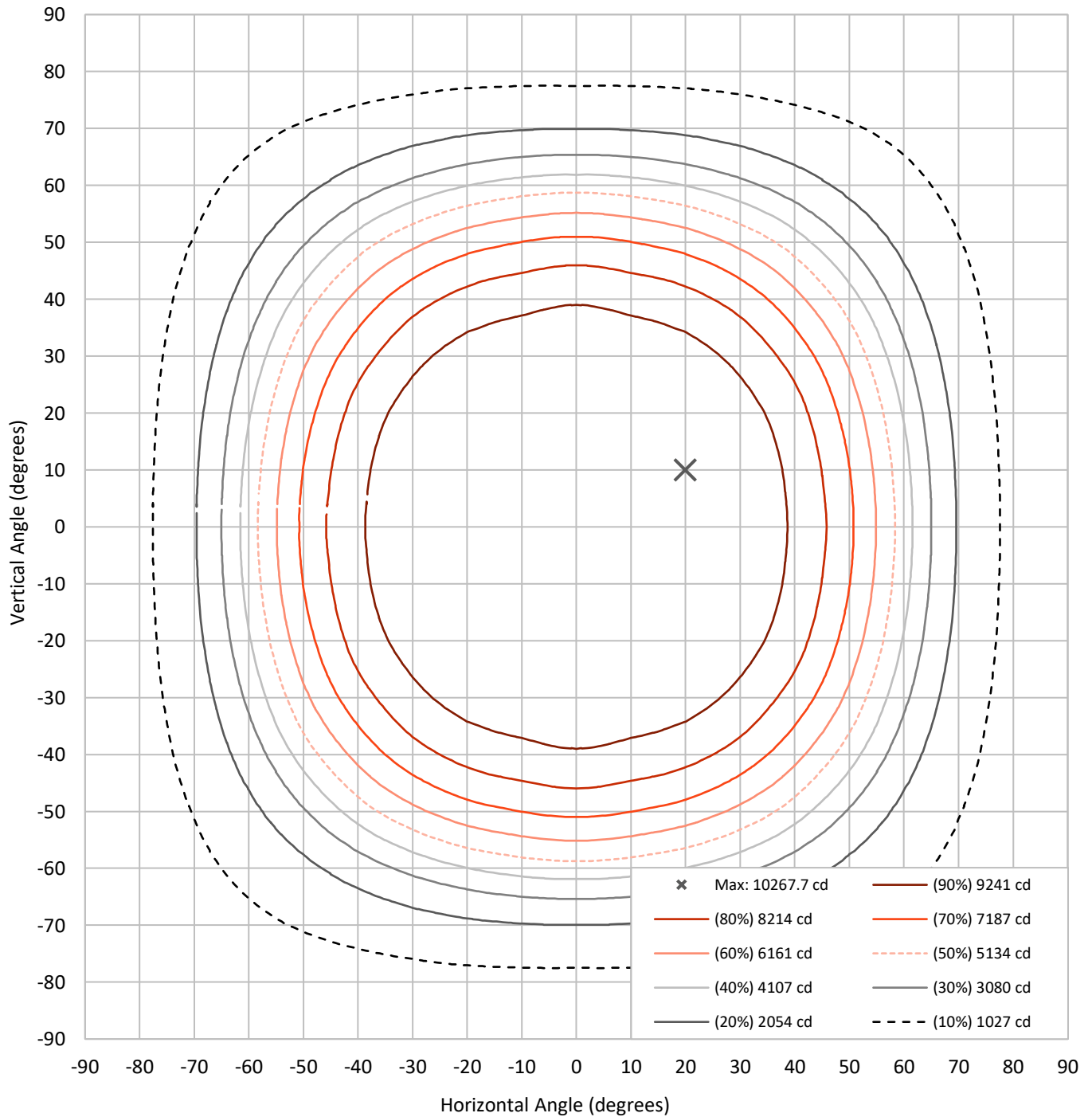
| | | | |
|-------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 31499.9 lumens | Max Intensity: | 10267.7 candela |
| Efficiency: | N/A | Max Intensity Angle: | 20°H x 10°V |
| Efficacy: | 98.0 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 115.7°H x 112.9°V | Field Angle (10%): | 154.7°H x 154°V |
| Beam Lumens: | 19329 lumens | Field Lumens: | 23172.2 lumens |
| Beam Efficiency: | 61.4% | Field Efficiency: | 73.6% |

Input Watts (W): 321.5
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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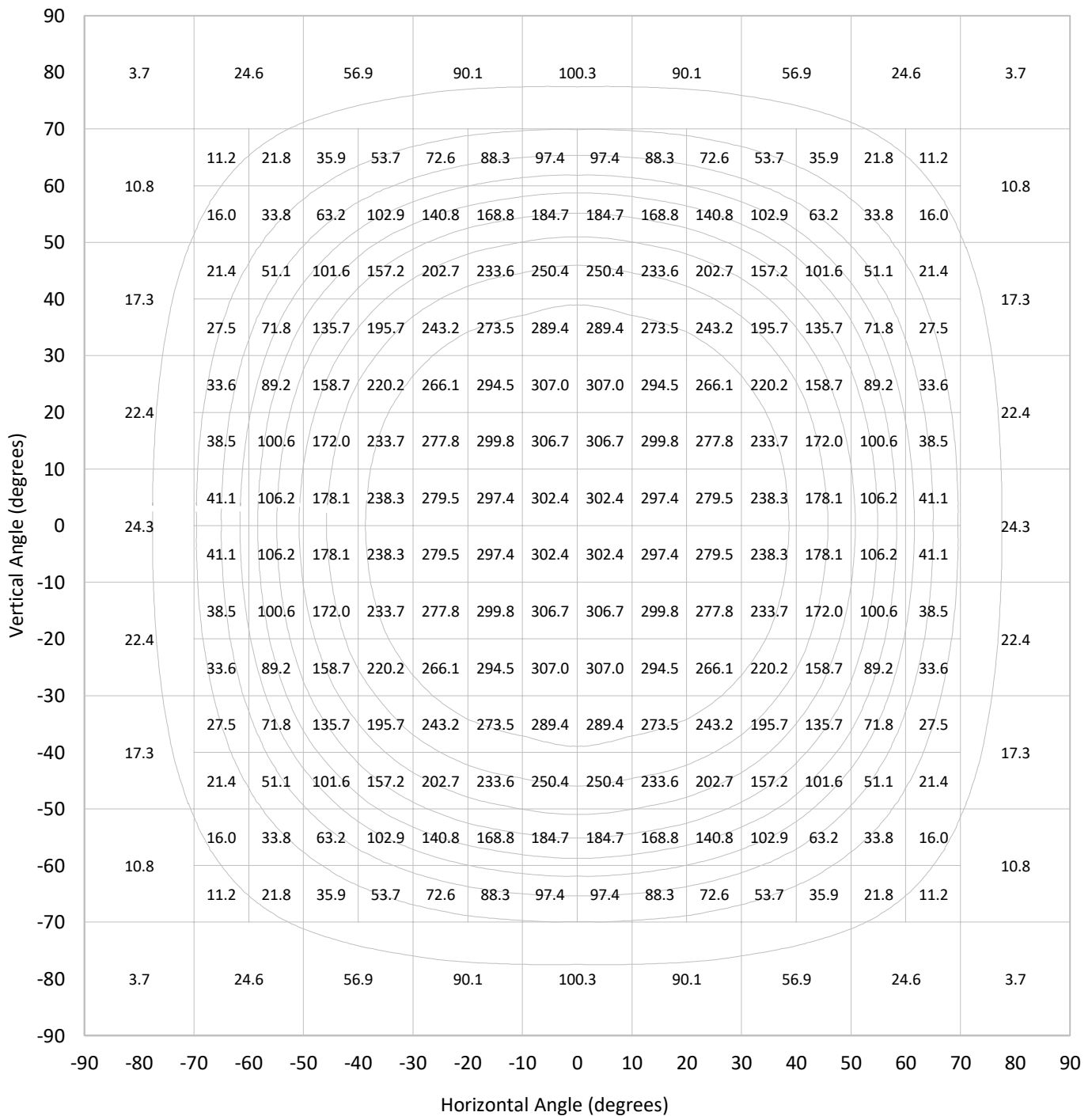
Iso-Candela Plot





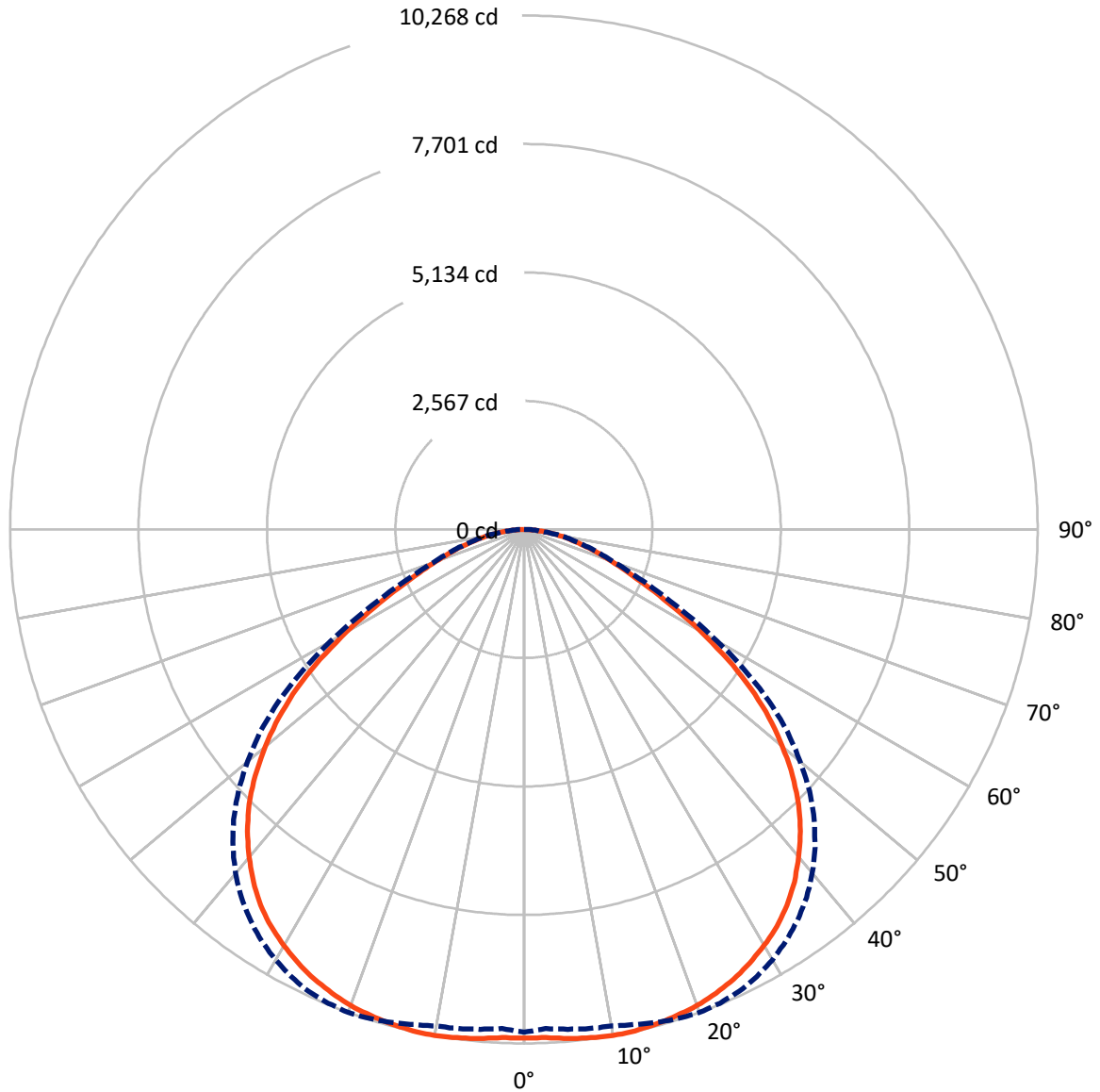
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Lumen Table



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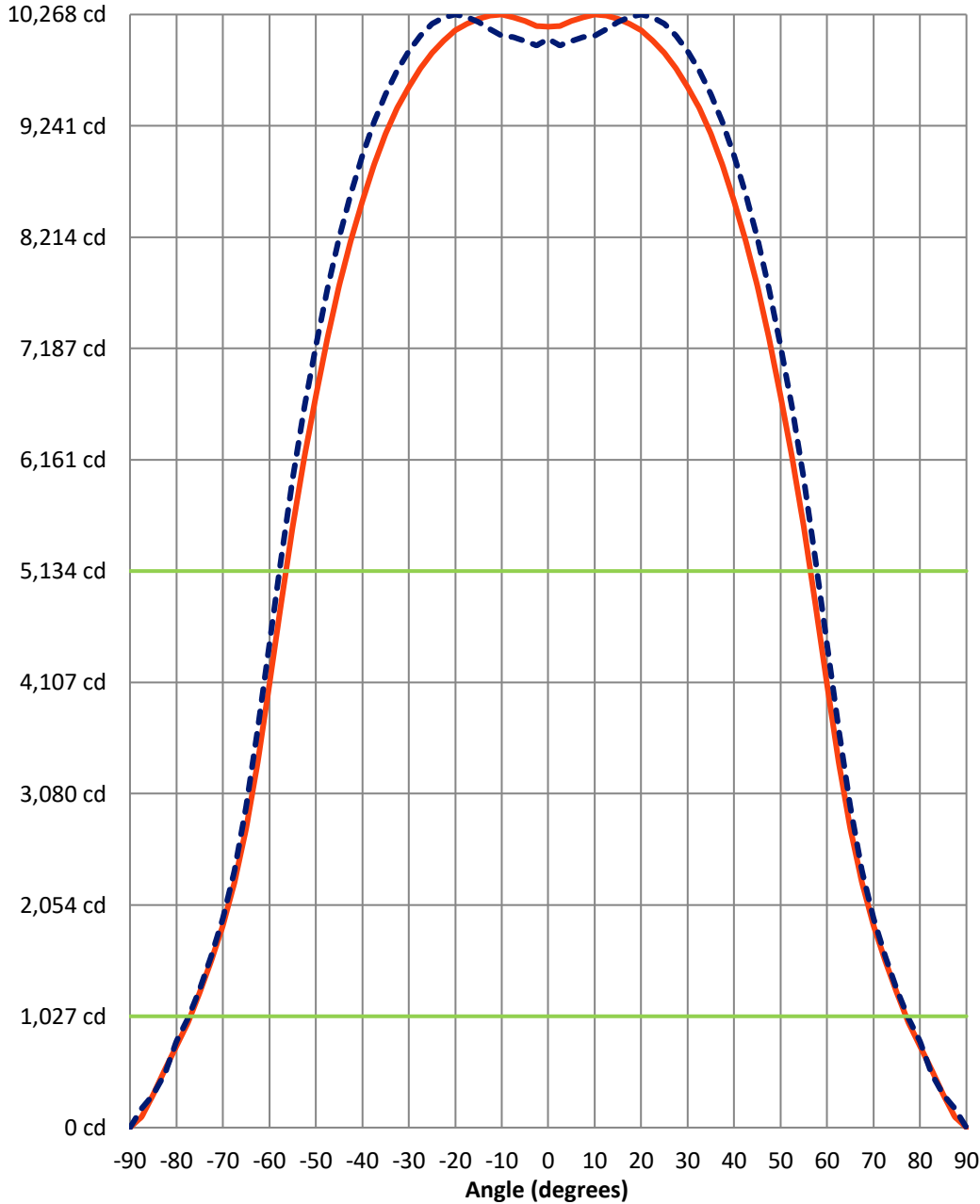
Luminous Intensity Polar Plot



— Vertical Distribution Through 20-Deg - - - Horizontal Distribution Through 10-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 115.7°
 V Angle: 112.9°
 Lumens: 19329
 Efficiency: 61.4%

Field:
 H Angle: 154.7°
 V Angle: 154°
 Lumens: 23172.2
 Efficiency: 73.6%

Spill:
 Lumens: 8327.7
 Efficiency: 26.4%

- Vertical Distribution through 20-Deg
- - - Horizontal Distribution through 10-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° | 82.9 | 89.5 | 92.8 | 96.1 | 99.4 | 102.7 | 106.1 | 102.7 | 99.4 | 99.4 | 96.1 |
| 85° | 222.1 | 228.7 | 232.0 | 255.2 | 278.4 | 291.7 | 308.2 | 304.9 | 304.9 | 301.6 | 298.3 |
| 82.5° | 444.1 | 464.0 | 480.6 | 503.8 | 517.0 | 536.9 | 550.2 | 540.2 | 533.6 | 520.3 | 510.4 |
| 80° | 788.8 | 795.4 | 798.7 | 802.1 | 785.5 | 782.2 | 775.5 | 765.6 | 752.3 | 735.8 | 719.2 |
| 77.5° | 1004.2 | 1010.9 | 1017.5 | 1010.9 | 1007.5 | 1004.2 | 994.3 | 984.3 | 971.1 | 957.8 | 937.9 |
| 75° | 1329.0 | 1329.0 | 1329.0 | 1319.1 | 1312.5 | 1302.5 | 1285.9 | 1269.4 | 1246.2 | 1219.7 | 1189.8 |
| 72.5° | 1673.7 | 1670.4 | 1667.1 | 1647.2 | 1630.6 | 1610.7 | 1587.5 | 1567.7 | 1541.1 | 1511.3 | 1471.5 |
| 70° | 2035.0 | 2041.6 | 2044.9 | 2018.4 | 1998.5 | 1972.0 | 1942.2 | 1905.7 | 1866.0 | 1822.9 | 1766.5 |
| 67.5° | 2532.1 | 2525.5 | 2518.9 | 2482.4 | 2455.9 | 2419.4 | 2376.4 | 2323.3 | 2263.7 | 2197.4 | 2117.8 |
| 65° | 3148.6 | 3158.5 | 3138.6 | 3102.2 | 3052.5 | 2992.8 | 2926.5 | 2850.3 | 2760.8 | 2661.4 | 2548.7 |
| 62.5° | 3894.3 | 3910.9 | 3887.7 | 3841.3 | 3778.3 | 3698.8 | 3606.0 | 3496.6 | 3374.0 | 3234.8 | 3095.6 |
| 60° | 4742.8 | 4739.4 | 4696.4 | 4633.4 | 4550.5 | 4451.1 | 4348.4 | 4229.0 | 4089.8 | 3927.4 | 3758.4 |
| 57.5° | 5521.6 | 5515.0 | 5462.0 | 5399.0 | 5316.1 | 5210.1 | 5100.7 | 4974.8 | 4828.9 | 4656.6 | 4461.0 |
| 55° | 6220.9 | 6214.3 | 6161.3 | 6095.0 | 6008.8 | 5902.8 | 5803.3 | 5684.0 | 5541.5 | 5359.2 | 5150.4 |
| 52.5° | 6840.7 | 6844.0 | 6797.6 | 6724.7 | 6631.9 | 6529.2 | 6433.1 | 6313.7 | 6177.9 | 5995.6 | 5793.4 |
| 50° | 7410.8 | 7407.5 | 7357.7 | 7291.5 | 7205.3 | 7105.9 | 7009.7 | 6890.4 | 6747.9 | 6572.3 | 6376.7 |
| 47.5° | 7941.1 | 7934.4 | 7878.1 | 7805.2 | 7715.7 | 7629.5 | 7540.0 | 7434.0 | 7284.8 | 7109.2 | 6913.6 |
| 45° | 8385.2 | 8371.9 | 8315.6 | 8246.0 | 8159.8 | 8083.6 | 8004.0 | 7924.5 | 7765.4 | 7603.0 | 7417.4 |
| 42.5° | 8766.3 | 8763.0 | 8706.7 | 8637.1 | 8550.9 | 8484.6 | 8411.7 | 8312.3 | 8179.7 | 8030.5 | 7848.3 |
| 40° | 9130.9 | 9104.4 | 9048.0 | 8981.8 | 8902.2 | 8845.9 | 8773.0 | 8673.5 | 8544.3 | 8398.4 | 8222.8 |
| 37.5° | 9402.7 | 9406.0 | 9346.3 | 9273.4 | 9203.8 | 9150.8 | 9084.5 | 8991.7 | 8879.0 | 8736.5 | 8560.8 |
| 35° | 9661.2 | 9644.6 | 9594.9 | 9531.9 | 9469.0 | 9409.3 | 9339.7 | 9260.2 | 9167.4 | 9034.8 | 8869.1 |
| 32.5° | 9830.2 | 9853.4 | 9793.8 | 9727.5 | 9691.0 | 9644.6 | 9571.7 | 9488.8 | 9406.0 | 9273.4 | 9124.3 |
| 30° | 10015.8 | 9995.9 | 9949.5 | 9893.2 | 9866.7 | 9836.8 | 9773.9 | 9694.3 | 9598.2 | 9478.9 | 9339.7 |
| 27.5° | 10145.1 | 10135.1 | 10078.8 | 10025.8 | 10012.5 | 9986.0 | 9936.3 | 9866.7 | 9770.6 | 9654.6 | 9525.3 |
| 25° | 10201.4 | 10208.0 | 10155.0 | 10125.2 | 10125.2 | 10108.6 | 10068.8 | 10009.2 | 9913.1 | 9807.0 | 9681.1 |
| 22.5° | 10227.9 | 10221.3 | 10184.8 | 10178.2 | 10194.8 | 10181.5 | 10165.0 | 10111.9 | 10025.8 | 9939.6 | 9833.5 |
| 20° | 10244.5 | 10198.1 | 10165.0 | 10191.5 | 10211.4 | 10208.0 | 10194.8 | 10161.6 | 10121.9 | 10049.0 | 9956.2 |
| 17.5° | 10208.0 | 10178.2 | 10138.4 | 10178.2 | 10221.3 | 10224.6 | 10211.4 | 10191.5 | 10181.5 | 10135.1 | 10052.3 |
| 15° | 10118.6 | 10095.4 | 10102.0 | 10141.8 | 10191.5 | 10208.0 | 10218.0 | 10241.2 | 10227.9 | 10191.5 | 10118.6 |
| 12.5° | 10058.9 | 10029.1 | 10058.9 | 10098.7 | 10125.2 | 10135.1 | 10214.7 | 10257.8 | 10257.8 | 10224.6 | 10178.2 |
| 10° | 10042.3 | 9982.7 | 10022.4 | 10058.9 | 10072.2 | 10131.8 | 10198.1 | 10244.5 | 10267.7 | 10241.2 | 10181.5 |
| 7.5° | 10009.2 | 9969.4 | 9986.0 | 10002.6 | 10078.8 | 10121.9 | 10158.3 | 10208.0 | 10241.2 | 10237.9 | 10184.8 |
| 5° | 9992.6 | 9942.9 | 9949.5 | 10019.1 | 10072.2 | 10102.0 | 10115.2 | 10158.3 | 10208.0 | 10218.0 | 10178.2 |
| 2.5° | 9949.5 | 9926.3 | 9976.0 | 9982.7 | 10022.4 | 10045.6 | 10058.9 | 10098.7 | 10161.6 | 10184.8 | 10168.3 |
| 0° | 9926.3 | 9893.2 | 9860.0 | 9886.6 | 9952.8 | 10002.6 | 10022.4 | 10082.1 | 10155.0 | 10178.2 | 10141.8 |



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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° | 92.8 | 89.5 | 86.2 | 82.9 | 86.2 | 86.2 | 86.2 | 82.9 | 86.2 | 82.9 | 82.9 |
| 85° | 288.3 | 275.1 | 265.1 | 251.9 | 238.6 | 228.7 | 215.4 | 202.2 | 198.9 | 195.5 | 188.9 |
| 82.5° | 497.1 | 480.6 | 464.0 | 444.1 | 424.2 | 401.0 | 377.8 | 351.3 | 344.7 | 338.1 | 328.1 |
| 80° | 699.3 | 676.1 | 652.9 | 629.7 | 609.8 | 586.6 | 560.1 | 530.3 | 510.4 | 493.8 | 473.9 |
| 77.5° | 911.4 | 878.3 | 845.1 | 805.4 | 782.2 | 759.0 | 732.5 | 702.6 | 672.8 | 646.3 | 616.5 |
| 75° | 1153.4 | 1116.9 | 1083.8 | 1044.0 | 1000.9 | 957.8 | 914.7 | 875.0 | 831.9 | 792.1 | 752.3 |
| 72.5° | 1421.8 | 1368.8 | 1315.8 | 1266.1 | 1213.0 | 1160.0 | 1103.7 | 1050.6 | 997.6 | 944.6 | 888.2 |
| 70° | 1703.6 | 1637.3 | 1571.0 | 1504.7 | 1435.1 | 1365.5 | 1299.2 | 1232.9 | 1166.6 | 1097.0 | 1034.1 |
| 67.5° | 2035.0 | 1958.8 | 1872.6 | 1779.8 | 1677.0 | 1587.5 | 1501.4 | 1421.8 | 1342.3 | 1262.7 | 1183.2 |
| 65° | 2449.3 | 2343.2 | 2227.2 | 2101.3 | 1982.0 | 1862.6 | 1736.7 | 1617.4 | 1524.6 | 1431.8 | 1342.3 |
| 62.5° | 2959.7 | 2810.5 | 2648.1 | 2485.7 | 2339.9 | 2184.1 | 2038.3 | 1882.5 | 1736.7 | 1604.1 | 1494.7 |
| 60° | 3569.5 | 3367.3 | 3168.5 | 2959.7 | 2757.5 | 2545.4 | 2359.8 | 2167.6 | 1985.3 | 1822.9 | 1663.8 |
| 57.5° | 4242.3 | 4007.0 | 3768.4 | 3513.2 | 3238.1 | 2989.5 | 2737.6 | 2485.7 | 2270.3 | 2054.9 | 1875.9 |
| 55° | 4925.1 | 4676.5 | 4408.0 | 4119.7 | 3818.1 | 3499.9 | 3158.5 | 2876.8 | 2581.8 | 2330.0 | 2098.0 |
| 52.5° | 5574.7 | 5316.1 | 5037.7 | 4772.6 | 4411.3 | 4046.8 | 3672.2 | 3301.0 | 2956.4 | 2634.9 | 2353.2 |
| 50° | 6154.7 | 5902.8 | 5634.3 | 5326.1 | 4991.3 | 4603.6 | 4186.0 | 3768.4 | 3360.7 | 2982.9 | 2631.6 |
| 47.5° | 6684.9 | 6439.7 | 6171.2 | 5863.0 | 5558.1 | 5127.2 | 4706.3 | 4245.6 | 3791.6 | 3357.4 | 2946.4 |
| 45° | 7182.1 | 6933.5 | 6655.1 | 6360.1 | 6008.8 | 5624.4 | 5190.2 | 4726.2 | 4239.0 | 3751.8 | 3277.8 |
| 42.5° | 7632.8 | 7384.3 | 7102.5 | 6797.6 | 6449.6 | 6068.5 | 5647.6 | 5180.3 | 4689.7 | 4159.4 | 3639.1 |
| 40° | 8027.2 | 7785.3 | 7513.5 | 7195.3 | 6870.5 | 6469.5 | 6055.2 | 5611.1 | 5104.0 | 4570.4 | 3997.0 |
| 37.5° | 8371.9 | 8146.6 | 7878.1 | 7563.2 | 7218.5 | 6860.6 | 6433.1 | 5988.9 | 5531.6 | 4951.6 | 4364.9 |
| 35° | 8676.8 | 8468.0 | 8193.0 | 7894.7 | 7556.6 | 7178.8 | 6777.7 | 6343.6 | 5849.7 | 5306.2 | 4736.1 |
| 32.5° | 8942.0 | 8729.9 | 8478.0 | 8179.7 | 7851.6 | 7496.9 | 7086.0 | 6648.5 | 6181.2 | 5627.7 | 5007.9 |
| 30° | 9167.4 | 8961.9 | 8723.2 | 8441.5 | 8126.7 | 7775.3 | 7374.3 | 6933.5 | 6456.3 | 5906.1 | 5292.9 |
| 27.5° | 9362.9 | 9167.4 | 8935.4 | 8673.5 | 8371.9 | 8033.9 | 7629.5 | 7185.4 | 6698.2 | 6167.9 | 5554.8 |
| 25° | 9531.9 | 9343.0 | 9127.6 | 8879.0 | 8580.7 | 8249.3 | 7868.1 | 7404.1 | 6916.9 | 6383.3 | 5776.8 |
| 22.5° | 9684.4 | 9502.1 | 9286.7 | 9044.7 | 8773.0 | 8441.5 | 8057.1 | 7596.4 | 7102.5 | 6575.6 | 5979.0 |
| 20° | 9820.3 | 9651.2 | 9439.1 | 9190.6 | 8918.8 | 8584.0 | 8202.9 | 7765.4 | 7268.3 | 6751.2 | 6161.3 |
| 17.5° | 9929.6 | 9780.5 | 9568.4 | 9306.6 | 9034.8 | 8710.0 | 8338.8 | 7937.7 | 7410.8 | 6900.4 | 6313.7 |
| 15° | 10005.9 | 9860.0 | 9667.8 | 9402.7 | 9137.5 | 8816.0 | 8444.8 | 8030.5 | 7540.0 | 7019.7 | 6439.7 |
| 12.5° | 10058.9 | 9903.1 | 9724.2 | 9478.9 | 9213.8 | 8895.6 | 8534.3 | 8126.7 | 7649.4 | 7125.7 | 6549.1 |
| 10° | 10072.2 | 9929.6 | 9750.7 | 9531.9 | 9273.4 | 8965.2 | 8610.6 | 8206.2 | 7738.9 | 7208.6 | 6638.5 |
| 7.5° | 10078.8 | 9942.9 | 9780.5 | 9571.7 | 9316.5 | 9018.2 | 8666.9 | 8269.2 | 7805.2 | 7278.2 | 6704.8 |
| 5° | 10075.5 | 9946.2 | 9800.4 | 9598.2 | 9343.0 | 9048.0 | 8703.4 | 8312.3 | 7851.6 | 7324.6 | 6754.5 |
| 2.5° | 10065.5 | 9949.5 | 9813.6 | 9618.1 | 9372.8 | 9081.2 | 8739.8 | 8362.0 | 7901.3 | 7364.4 | 6794.3 |
| 0° | 10092.0 | 9992.6 | 9820.3 | 9611.5 | 9379.5 | 9081.2 | 8736.5 | 8368.6 | 7907.9 | 7361.1 | 6791.0 |



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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° | 82.9 | 79.5 | 79.5 | 76.2 | 72.9 | 69.6 | 63.0 | 59.7 | 53.0 | 43.1 | 33.1 |
| 85° | 179.0 | 169.0 | 159.1 | 152.5 | 145.8 | 139.2 | 129.3 | 119.3 | 106.1 | 86.2 | 66.3 |
| 82.5° | 314.9 | 295.0 | 275.1 | 251.9 | 232.0 | 212.1 | 195.5 | 179.0 | 159.1 | 129.3 | 99.4 |
| 80° | 450.7 | 420.9 | 391.1 | 357.9 | 328.1 | 295.0 | 265.1 | 238.6 | 212.1 | 172.3 | 132.6 |
| 77.5° | 586.6 | 546.9 | 503.8 | 464.0 | 420.9 | 377.8 | 334.7 | 298.3 | 258.5 | 212.1 | 165.7 |
| 75° | 712.6 | 666.2 | 626.4 | 570.1 | 517.0 | 460.7 | 404.3 | 354.6 | 304.9 | 248.6 | 198.9 |
| 72.5° | 838.5 | 778.9 | 722.5 | 669.5 | 609.8 | 540.2 | 477.3 | 414.3 | 351.3 | 285.0 | 225.4 |
| 70° | 964.5 | 891.5 | 821.9 | 759.0 | 692.7 | 623.1 | 546.9 | 473.9 | 397.7 | 318.2 | 248.6 |
| 67.5° | 1093.7 | 1010.9 | 931.3 | 851.8 | 775.5 | 696.0 | 616.5 | 533.6 | 444.1 | 351.3 | 275.1 |
| 65° | 1236.2 | 1133.5 | 1037.4 | 947.9 | 858.4 | 772.2 | 682.7 | 593.3 | 493.8 | 387.8 | 298.3 |
| 62.5° | 1378.7 | 1266.1 | 1153.4 | 1040.7 | 941.3 | 845.1 | 749.0 | 649.6 | 540.2 | 427.5 | 321.5 |
| 60° | 1531.2 | 1401.9 | 1272.7 | 1146.7 | 1024.1 | 918.1 | 812.0 | 705.9 | 589.9 | 464.0 | 344.7 |
| 57.5° | 1700.2 | 1544.5 | 1398.6 | 1256.1 | 1116.9 | 991.0 | 875.0 | 762.3 | 633.0 | 500.5 | 371.2 |
| 55° | 1892.5 | 1700.2 | 1527.9 | 1368.8 | 1216.3 | 1063.9 | 937.9 | 821.9 | 682.7 | 536.9 | 401.0 |
| 52.5° | 2094.6 | 1872.6 | 1663.8 | 1484.8 | 1322.4 | 1150.1 | 997.6 | 868.3 | 732.5 | 573.4 | 427.5 |
| 50° | 2330.0 | 2048.2 | 1816.2 | 1597.5 | 1415.2 | 1236.2 | 1060.6 | 921.4 | 782.2 | 616.5 | 454.1 |
| 47.5° | 2571.9 | 2260.4 | 1968.7 | 1730.1 | 1514.6 | 1319.1 | 1133.5 | 967.8 | 828.6 | 656.2 | 480.6 |
| 45° | 2853.6 | 2462.5 | 2141.0 | 1859.3 | 1610.7 | 1405.3 | 1206.4 | 1017.5 | 868.3 | 696.0 | 507.1 |
| 42.5° | 3125.4 | 2701.2 | 2320.0 | 2001.8 | 1720.1 | 1488.1 | 1272.7 | 1070.5 | 908.1 | 735.8 | 530.3 |
| 40° | 3446.9 | 2939.8 | 2492.4 | 2137.7 | 1829.5 | 1567.7 | 1339.0 | 1126.9 | 944.6 | 772.2 | 553.5 |
| 37.5° | 3755.1 | 3181.7 | 2701.2 | 2286.9 | 1935.6 | 1647.2 | 1405.3 | 1179.9 | 977.7 | 808.7 | 583.3 |
| 35° | 4060.0 | 3450.2 | 2900.0 | 2426.1 | 2044.9 | 1736.7 | 1471.5 | 1229.6 | 1010.9 | 838.5 | 609.8 |
| 32.5° | 4351.7 | 3702.1 | 3102.2 | 2581.8 | 2164.2 | 1819.6 | 1531.2 | 1276.0 | 1044.0 | 865.0 | 636.3 |
| 30° | 4623.4 | 3940.7 | 3301.0 | 2740.9 | 2273.6 | 1895.8 | 1587.5 | 1322.4 | 1083.8 | 888.2 | 662.9 |
| 27.5° | 4872.0 | 4172.7 | 3499.9 | 2890.1 | 2376.4 | 1965.4 | 1647.2 | 1365.5 | 1116.9 | 911.4 | 686.1 |
| 25° | 5097.4 | 4381.5 | 3682.2 | 3026.0 | 2469.2 | 2041.6 | 1703.6 | 1408.6 | 1146.7 | 931.3 | 705.9 |
| 22.5° | 5309.5 | 4573.7 | 3847.9 | 3161.8 | 2581.8 | 2117.8 | 1756.6 | 1448.3 | 1176.6 | 951.2 | 725.8 |
| 20° | 5495.1 | 4749.4 | 4007.0 | 3297.7 | 2681.3 | 2187.4 | 1803.0 | 1484.8 | 1203.1 | 964.5 | 745.7 |
| 17.5° | 5644.3 | 4905.2 | 4149.5 | 3417.0 | 2767.4 | 2247.1 | 1842.8 | 1517.9 | 1226.3 | 981.0 | 759.0 |
| 15° | 5776.8 | 5037.7 | 4268.8 | 3519.8 | 2843.7 | 2296.8 | 1879.2 | 1544.5 | 1246.2 | 991.0 | 775.5 |
| 12.5° | 5889.5 | 5150.4 | 4371.6 | 3609.3 | 2910.0 | 2339.9 | 1909.0 | 1564.3 | 1262.7 | 1000.9 | 785.5 |
| 10° | 5982.3 | 5239.9 | 4457.7 | 3678.9 | 2963.0 | 2373.0 | 1932.2 | 1584.2 | 1276.0 | 1010.9 | 795.4 |
| 7.5° | 6051.9 | 5306.2 | 4520.7 | 3738.5 | 3006.1 | 2396.2 | 1952.1 | 1597.5 | 1289.3 | 1017.5 | 812.0 |
| 5° | 6104.9 | 5362.5 | 4570.4 | 3778.3 | 3039.2 | 2429.4 | 1975.3 | 1614.1 | 1302.5 | 1024.1 | 812.0 |
| 2.5° | 6144.7 | 5408.9 | 4610.2 | 3811.4 | 3065.7 | 2422.8 | 1975.3 | 1610.7 | 1302.5 | 1024.1 | 808.7 |
| 0° | 6138.1 | 5412.3 | 4606.9 | 3811.4 | 3065.7 | 2416.1 | 1975.3 | 1607.4 | 1302.5 | 1024.1 | 808.7 |



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CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 23.2 | 16.6 | 6.6 | 0.0 |
| 85° | 49.7 | 33.1 | 16.6 | 0.0 |
| 82.5° | 72.9 | 46.4 | 23.2 | 0.0 |
| 80° | 96.1 | 63.0 | 29.8 | 0.0 |
| 77.5° | 122.6 | 79.5 | 39.8 | 0.0 |
| 75° | 145.8 | 92.8 | 46.4 | 0.0 |
| 72.5° | 169.0 | 109.4 | 53.0 | 0.0 |
| 70° | 188.9 | 122.6 | 59.7 | 0.0 |
| 67.5° | 208.8 | 139.2 | 69.6 | 0.0 |
| 65° | 225.4 | 152.5 | 76.2 | 0.0 |
| 62.5° | 238.6 | 169.0 | 82.9 | 0.0 |
| 60° | 255.2 | 182.3 | 89.5 | 0.0 |
| 57.5° | 268.5 | 192.2 | 96.1 | 0.0 |
| 55° | 281.7 | 198.9 | 102.7 | 0.0 |
| 52.5° | 295.0 | 208.8 | 109.4 | 0.0 |
| 50° | 308.2 | 218.7 | 116.0 | 0.0 |
| 47.5° | 321.5 | 225.4 | 119.3 | 0.0 |
| 45° | 341.4 | 235.3 | 125.9 | 0.0 |
| 42.5° | 357.9 | 241.9 | 132.6 | 0.0 |
| 40° | 374.5 | 248.6 | 135.9 | 0.0 |
| 37.5° | 391.1 | 255.2 | 142.5 | 0.0 |
| 35° | 407.7 | 261.8 | 145.8 | 0.0 |
| 32.5° | 420.9 | 268.5 | 149.1 | 0.0 |
| 30° | 434.2 | 275.1 | 152.5 | 0.0 |
| 27.5° | 447.4 | 278.4 | 155.8 | 0.0 |
| 25° | 457.4 | 285.0 | 159.1 | 0.0 |
| 22.5° | 467.3 | 288.3 | 162.4 | 0.0 |
| 20° | 473.9 | 291.7 | 165.7 | 0.0 |
| 17.5° | 483.9 | 295.0 | 169.0 | 0.0 |
| 15° | 487.2 | 298.3 | 175.7 | 0.0 |
| 12.5° | 493.8 | 301.6 | 175.7 | 0.0 |
| 10° | 497.1 | 304.9 | 175.7 | 0.0 |
| 7.5° | 503.8 | 304.9 | 175.7 | 0.0 |
| 5° | 500.5 | 304.9 | 175.7 | 0.0 |
| 2.5° | 500.5 | 304.9 | 175.7 | 0.0 |
| 0° | 497.1 | 304.9 | 175.7 | 0.0 |

(END OF REPORT)