

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: P628366

Luminaire Tested: **IFLD-S-SA6D-827-U-LAM**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P628366
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-827-U-LAM
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/
Lambertian distribution lens
Light Source: (96) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

| | | | |
|-------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 7V |
| Luminaire Lumens: | 34590.6 lumens | Max Intensity: | 11275.1 candela |
| Efficiency: | N/A | Max Intensity Angle: | 20°H x 10°V |
| Efficacy: | 93.9 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1.5' x L: 1' x H: 0') | | |

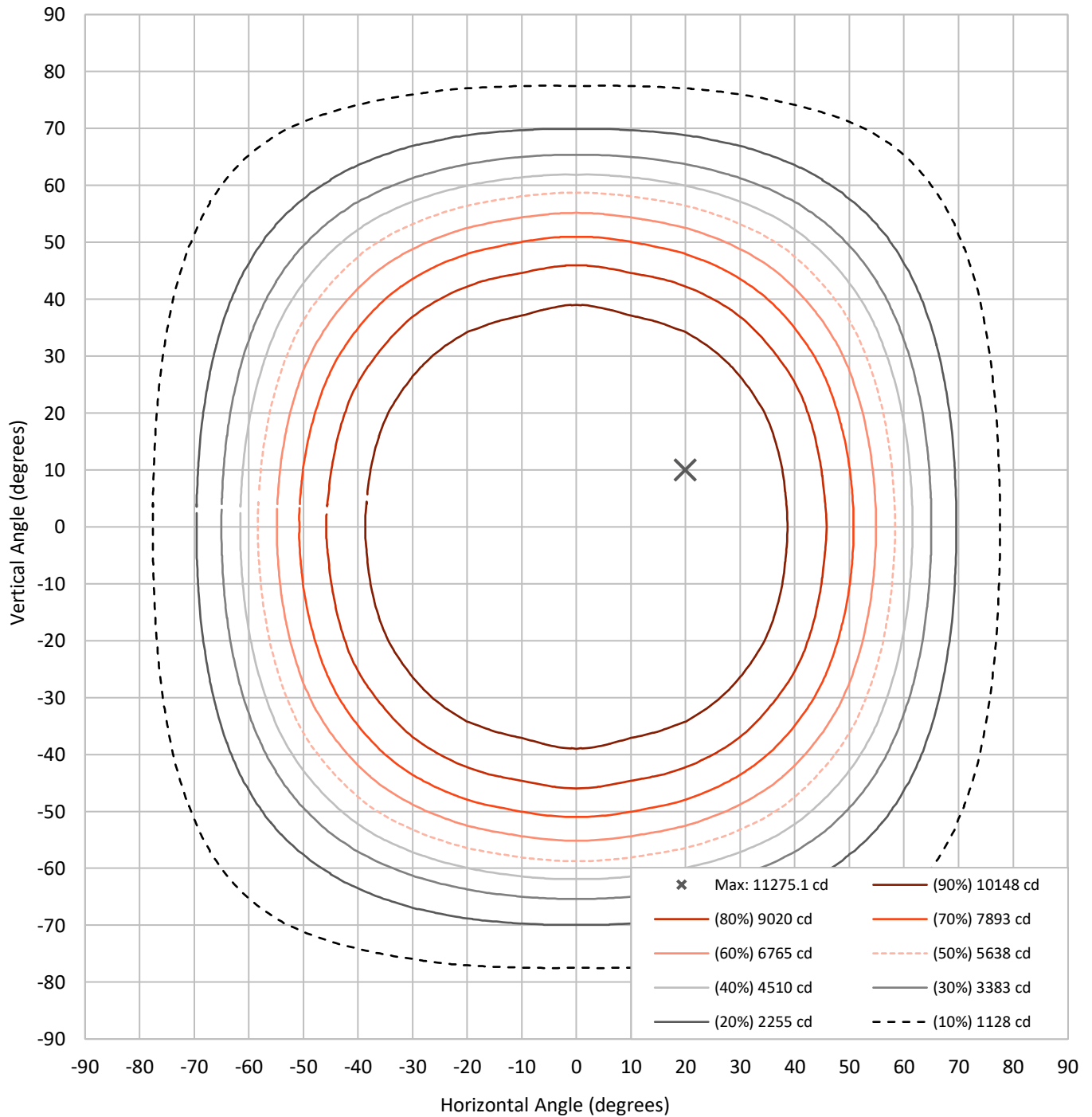
| | | | |
|-------------------|-------------------|--------------------|-----------------|
| Beam Angle (50%): | 115.7°H x 112.9°V | Field Angle (10%): | 154.7°H x 154°V |
| Beam Lumens: | 21225.5 lumens | Field Lumens: | 25445.7 lumens |
| Beam Efficiency: | 61.4% | Field Efficiency: | 73.6% |

Input Watts (W): 368.2
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



REPORT NUMBER: P628366
CATALOG NUMBER: IFLD-S-SA6D-827-U-LAM

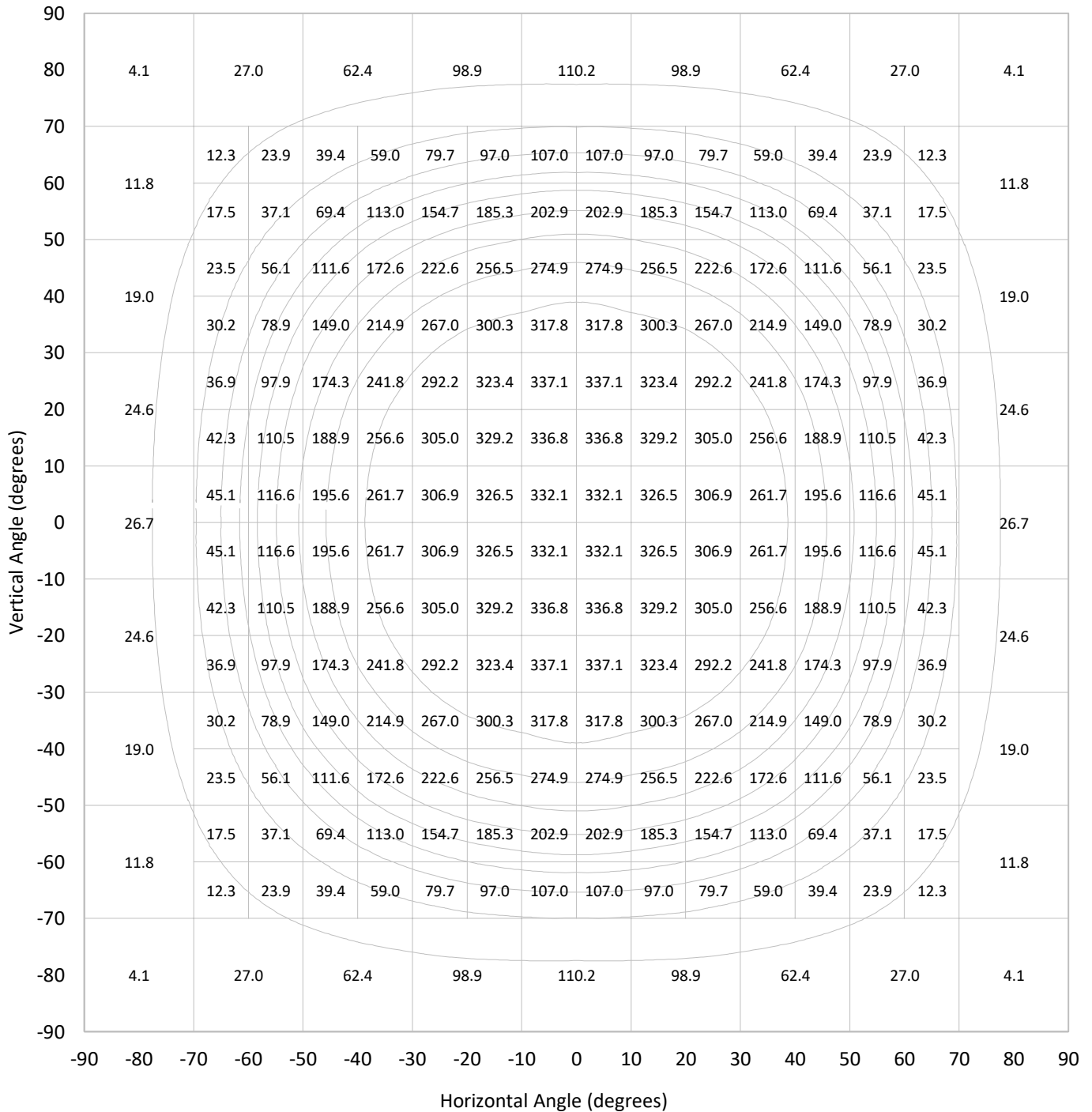
Iso-Candela Plot





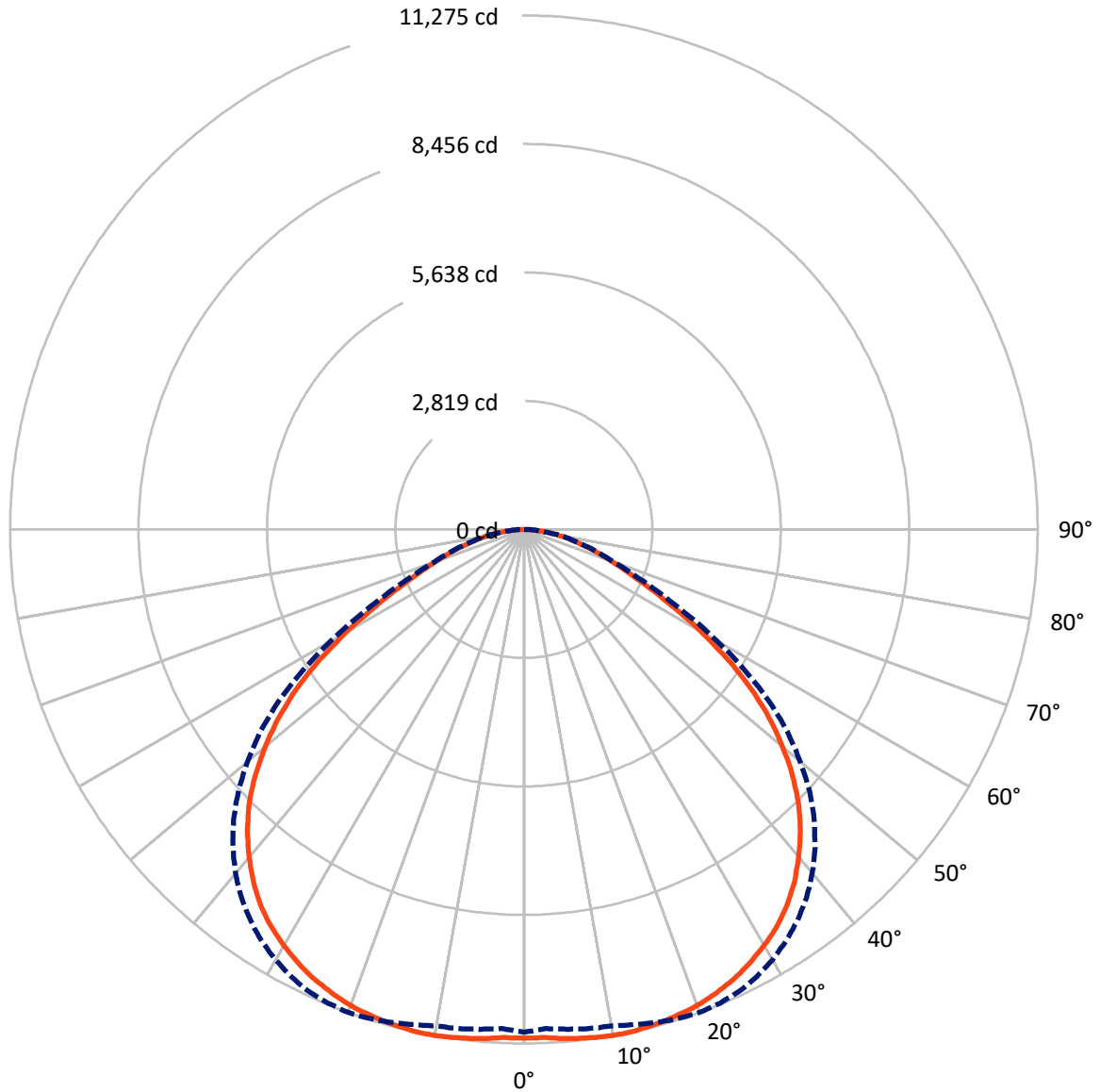
REPORT NUMBER: P628366
 CATALOG NUMBER: IFLD-S-SA6D-827-U-LAM

Lumen Table



REPORT NUMBER: P628366
CATALOG NUMBER: IFLD-S-SA6D-827-U-LAM

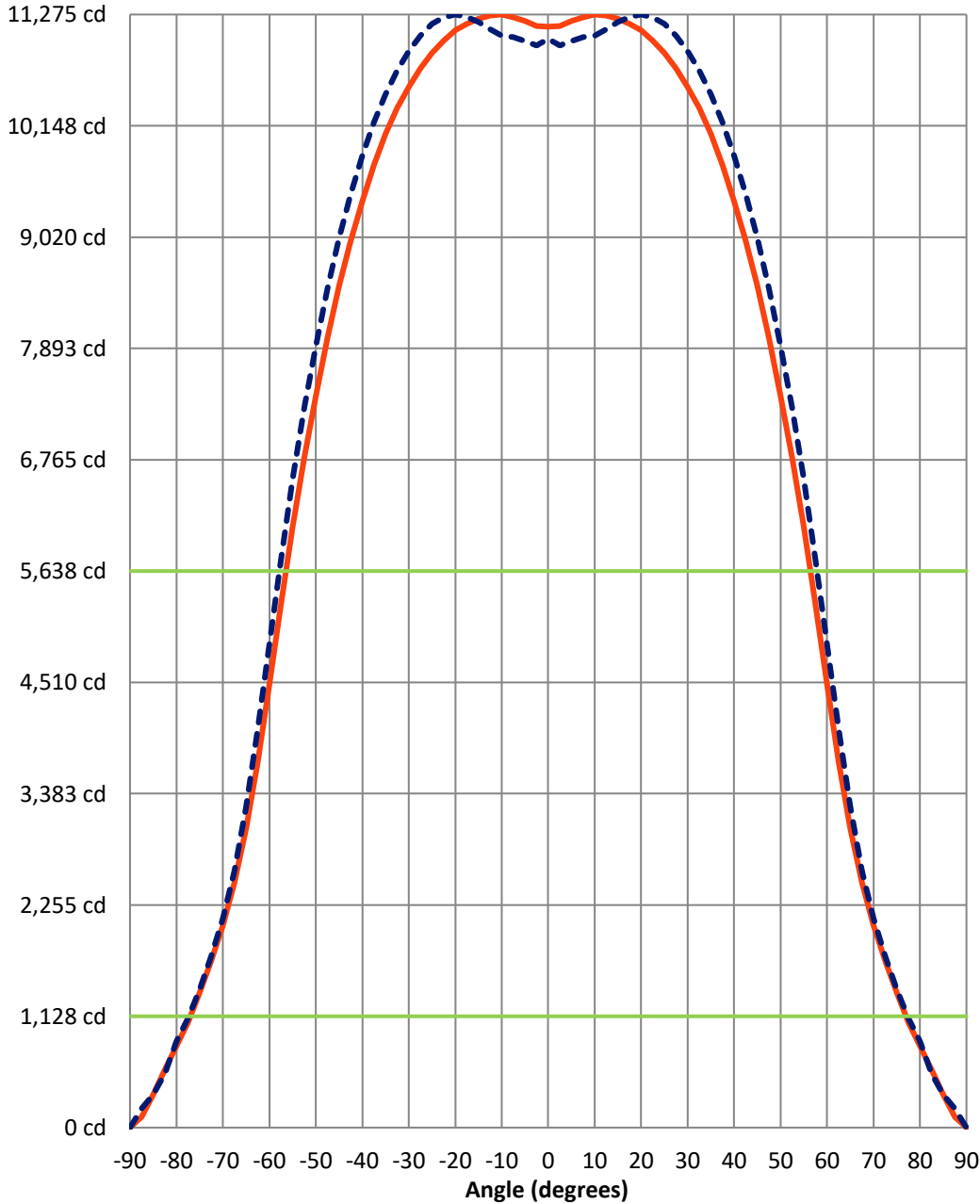
Luminous Intensity Polar Plot



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

REPORT NUMBER: P628366
 CATALOG NUMBER: IFLD-S-SA6D-827-U-LAM

Luminous Intensity Plot



Beam:
 H Angle: 115.7°
 V Angle: 112.9°
 Lumens: 21225.5
 Efficiency: 61.4%

Field:
 H Angle: 154.7°
 V Angle: 154°
 Lumens: 25445.7
 Efficiency: 73.6%

Spill:
 Lumens: 9144.8
 Efficiency: 26.4%

- Vertical Distribution through 20-Deg
- - - Horizontal Distribution through 10-Deg



REPORT NUMBER: P628366
 CATALOG NUMBER: IFLD-S-SA6D-827-U-LAM

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° | 91.0 | 98.3 | 101.9 | 105.5 | 109.2 | 112.8 | 116.5 | 112.8 | 109.2 | 109.2 | 105.5 |
| 85° | 243.8 | 251.1 | 254.8 | 280.2 | 305.7 | 320.3 | 338.5 | 334.8 | 334.8 | 331.2 | 327.6 |
| 82.5° | 487.7 | 509.5 | 527.7 | 553.2 | 567.8 | 589.6 | 604.2 | 593.2 | 586.0 | 571.4 | 560.5 |
| 80° | 866.2 | 873.5 | 877.1 | 880.8 | 862.6 | 858.9 | 851.6 | 840.7 | 826.2 | 808.0 | 789.8 |
| 77.5° | 1102.8 | 1110.0 | 1117.3 | 1110.0 | 1106.4 | 1102.8 | 1091.8 | 1080.9 | 1066.4 | 1051.8 | 1030.0 |
| 75° | 1459.4 | 1459.4 | 1459.4 | 1448.5 | 1441.2 | 1430.3 | 1412.1 | 1393.9 | 1368.4 | 1339.3 | 1306.6 |
| 72.5° | 1837.9 | 1834.3 | 1830.7 | 1808.8 | 1790.6 | 1768.8 | 1743.3 | 1721.5 | 1692.4 | 1659.6 | 1615.9 |
| 70° | 2234.6 | 2241.9 | 2245.6 | 2216.4 | 2194.6 | 2165.5 | 2132.7 | 2092.7 | 2049.0 | 2001.7 | 1939.8 |
| 67.5° | 2780.6 | 2773.3 | 2766.0 | 2726.0 | 2696.9 | 2656.8 | 2609.5 | 2551.3 | 2485.8 | 2413.0 | 2325.6 |
| 65° | 3457.5 | 3468.4 | 3446.6 | 3406.6 | 3352.0 | 3286.5 | 3213.7 | 3130.0 | 3031.7 | 2922.5 | 2798.8 |
| 62.5° | 4276.4 | 4294.6 | 4269.1 | 4218.2 | 4149.0 | 4061.7 | 3959.8 | 3839.7 | 3705.0 | 3552.1 | 3399.3 |
| 60° | 5208.1 | 5204.5 | 5157.2 | 5088.0 | 4997.0 | 4887.8 | 4775.0 | 4644.0 | 4491.1 | 4312.8 | 4127.2 |
| 57.5° | 6063.4 | 6056.1 | 5997.9 | 5928.7 | 5837.7 | 5721.3 | 5601.2 | 5462.9 | 5302.7 | 5113.5 | 4898.7 |
| 55° | 6831.3 | 6824.0 | 6765.8 | 6693.0 | 6598.4 | 6481.9 | 6372.7 | 6241.7 | 6085.2 | 5885.1 | 5655.8 |
| 52.5° | 7511.9 | 7515.5 | 7464.6 | 7384.5 | 7282.6 | 7169.8 | 7064.2 | 6933.2 | 6784.0 | 6583.8 | 6361.8 |
| 50° | 8137.9 | 8134.3 | 8079.7 | 8006.9 | 7912.2 | 7803.1 | 7697.5 | 7566.5 | 7410.0 | 7217.1 | 7002.4 |
| 47.5° | 8720.2 | 8712.9 | 8651.1 | 8571.0 | 8472.7 | 8378.1 | 8279.8 | 8163.4 | 7999.6 | 7806.7 | 7592.0 |
| 45° | 9207.9 | 9193.3 | 9131.5 | 9055.0 | 8960.4 | 8876.7 | 8789.4 | 8702.0 | 8527.3 | 8349.0 | 8145.2 |
| 42.5° | 9626.4 | 9622.8 | 9560.9 | 9484.5 | 9389.9 | 9317.1 | 9237.0 | 9127.8 | 8982.3 | 8818.5 | 8618.3 |
| 40° | 10026.8 | 9997.7 | 9935.8 | 9863.0 | 9775.7 | 9713.8 | 9633.7 | 9524.5 | 9382.6 | 9222.5 | 9029.6 |
| 37.5° | 10325.2 | 10328.9 | 10263.4 | 10183.3 | 10106.9 | 10048.6 | 9975.8 | 9873.9 | 9750.2 | 9593.7 | 9400.8 |
| 35° | 10609.1 | 10590.9 | 10536.3 | 10467.2 | 10398.0 | 10332.5 | 10256.1 | 10168.7 | 10066.8 | 9921.2 | 9739.3 |
| 32.5° | 10794.7 | 10820.2 | 10754.7 | 10681.9 | 10641.9 | 10590.9 | 10510.8 | 10419.9 | 10328.9 | 10183.3 | 10019.5 |
| 30° | 10998.5 | 10976.7 | 10925.7 | 10863.9 | 10834.8 | 10802.0 | 10732.8 | 10645.5 | 10540.0 | 10408.9 | 10256.1 |
| 27.5° | 11140.5 | 11129.6 | 11067.7 | 11009.4 | 10994.9 | 10965.8 | 10911.2 | 10834.8 | 10729.2 | 10601.8 | 10459.9 |
| 25° | 11202.3 | 11209.6 | 11151.4 | 11118.6 | 11118.6 | 11100.4 | 11056.8 | 10991.3 | 10885.7 | 10769.2 | 10630.9 |
| 22.5° | 11231.5 | 11224.2 | 11184.1 | 11176.9 | 11195.1 | 11180.5 | 11162.3 | 11104.1 | 11009.4 | 10914.8 | 10798.4 |
| 20° | 11249.7 | 11198.7 | 11162.3 | 11191.4 | 11213.3 | 11209.6 | 11195.1 | 11158.7 | 11115.0 | 11034.9 | 10933.0 |
| 17.5° | 11209.6 | 11176.9 | 11133.2 | 11176.9 | 11224.2 | 11227.8 | 11213.3 | 11191.4 | 11180.5 | 11129.6 | 11038.6 |
| 15° | 11111.4 | 11085.9 | 11093.2 | 11136.8 | 11191.4 | 11209.6 | 11220.5 | 11246.0 | 11231.5 | 11191.4 | 11111.4 |
| 12.5° | 11045.8 | 11013.1 | 11045.8 | 11089.5 | 11118.6 | 11129.6 | 11216.9 | 11264.2 | 11264.2 | 11227.8 | 11176.9 |
| 10° | 11027.6 | 10962.1 | 11005.8 | 11045.8 | 11060.4 | 11125.9 | 11198.7 | 11249.7 | 11275.1 | 11246.0 | 11180.5 |
| 7.5° | 10991.3 | 10947.6 | 10965.8 | 10984.0 | 11067.7 | 11115.0 | 11155.0 | 11209.6 | 11246.0 | 11242.4 | 11184.1 |
| 5° | 10973.1 | 10918.5 | 10925.7 | 11002.2 | 11060.4 | 11093.2 | 11107.7 | 11155.0 | 11209.6 | 11220.5 | 11176.9 |
| 2.5° | 10925.7 | 10900.3 | 10954.9 | 10962.1 | 11005.8 | 11031.3 | 11045.8 | 11089.5 | 11158.7 | 11184.1 | 11165.9 |
| 0° | 10900.3 | 10863.9 | 10827.5 | 10856.6 | 10929.4 | 10984.0 | 11005.8 | 11071.3 | 11151.4 | 11176.9 | 11136.8 |



REPORT NUMBER: P628366
 CATALOG NUMBER: IFLD-S-SA6D-827-U-LAM

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° | 101.9 | 98.3 | 94.6 | 91.0 | 94.6 | 94.6 | 94.6 | 91.0 | 94.6 | 91.0 | 91.0 |
| 85° | 316.6 | 302.1 | 291.2 | 276.6 | 262.0 | 251.1 | 236.6 | 222.0 | 218.4 | 214.7 | 207.5 |
| 82.5° | 545.9 | 527.7 | 509.5 | 487.7 | 465.9 | 440.4 | 414.9 | 385.8 | 378.5 | 371.2 | 360.3 |
| 80° | 767.9 | 742.5 | 717.0 | 691.5 | 669.7 | 644.2 | 615.1 | 582.3 | 560.5 | 542.3 | 520.4 |
| 77.5° | 1000.9 | 964.5 | 928.1 | 884.4 | 858.9 | 833.4 | 804.3 | 771.6 | 738.8 | 709.7 | 676.9 |
| 75° | 1266.5 | 1226.5 | 1190.1 | 1146.4 | 1099.1 | 1051.8 | 1004.5 | 960.8 | 913.5 | 869.8 | 826.2 |
| 72.5° | 1561.3 | 1503.1 | 1444.9 | 1390.3 | 1332.1 | 1273.8 | 1211.9 | 1153.7 | 1095.5 | 1037.3 | 975.4 |
| 70° | 1870.7 | 1797.9 | 1725.1 | 1652.3 | 1575.9 | 1499.5 | 1426.7 | 1353.9 | 1281.1 | 1204.7 | 1135.5 |
| 67.5° | 2234.6 | 2150.9 | 2056.3 | 1954.4 | 1841.6 | 1743.3 | 1648.7 | 1561.3 | 1474.0 | 1386.6 | 1299.3 |
| 65° | 2689.6 | 2573.1 | 2445.7 | 2307.4 | 2176.4 | 2045.4 | 1907.1 | 1776.1 | 1674.2 | 1572.3 | 1474.0 |
| 62.5° | 3250.1 | 3086.3 | 2908.0 | 2729.6 | 2569.5 | 2398.4 | 2238.3 | 2067.2 | 1907.1 | 1761.5 | 1641.4 |
| 60° | 3919.7 | 3697.7 | 3479.3 | 3250.1 | 3028.1 | 2795.1 | 2591.3 | 2380.2 | 2180.1 | 2001.7 | 1827.0 |
| 57.5° | 4658.5 | 4400.1 | 4138.1 | 3857.9 | 3555.8 | 3282.8 | 3006.2 | 2729.6 | 2493.0 | 2256.5 | 2059.9 |
| 55° | 5408.3 | 5135.3 | 4840.5 | 4523.9 | 4192.7 | 3843.3 | 3468.4 | 3159.1 | 2835.2 | 2558.6 | 2303.8 |
| 52.5° | 6121.6 | 5837.7 | 5532.0 | 5240.9 | 4844.2 | 4443.8 | 4032.6 | 3624.9 | 3246.4 | 2893.4 | 2584.0 |
| 50° | 6758.5 | 6481.9 | 6187.1 | 5848.7 | 5481.1 | 5055.2 | 4596.7 | 4138.1 | 3690.4 | 3275.5 | 2889.8 |
| 47.5° | 7340.8 | 7071.5 | 6776.7 | 6438.3 | 6103.4 | 5630.3 | 5168.1 | 4662.2 | 4163.6 | 3686.8 | 3235.5 |
| 45° | 7886.8 | 7613.8 | 7308.1 | 6984.2 | 6598.4 | 6176.2 | 5699.4 | 5189.9 | 4654.9 | 4119.9 | 3599.5 |
| 42.5° | 8381.7 | 8108.8 | 7799.4 | 7464.6 | 7082.4 | 6663.9 | 6201.7 | 5688.5 | 5149.9 | 4567.6 | 3996.2 |
| 40° | 8814.8 | 8549.2 | 8250.7 | 7901.3 | 7544.7 | 7104.3 | 6649.3 | 6161.7 | 5604.8 | 5018.9 | 4389.2 |
| 37.5° | 9193.3 | 8945.9 | 8651.1 | 8305.3 | 7926.8 | 7533.7 | 7064.2 | 6576.6 | 6074.3 | 5437.4 | 4793.2 |
| 35° | 9528.2 | 9298.9 | 8996.8 | 8669.3 | 8298.0 | 7883.1 | 7442.8 | 6966.0 | 6423.7 | 5826.8 | 5200.8 |
| 32.5° | 9819.3 | 9586.4 | 9309.8 | 8982.3 | 8621.9 | 8232.5 | 7781.2 | 7300.8 | 6787.6 | 6179.8 | 5499.3 |
| 30° | 10066.8 | 9841.2 | 9579.1 | 9269.8 | 8924.0 | 8538.2 | 8097.9 | 7613.8 | 7089.7 | 6485.6 | 5812.3 |
| 27.5° | 10281.6 | 10066.8 | 9812.1 | 9524.5 | 9193.3 | 8822.1 | 8378.1 | 7890.4 | 7355.4 | 6773.1 | 6099.8 |
| 25° | 10467.2 | 10259.7 | 10023.1 | 9750.2 | 9422.6 | 9058.7 | 8640.1 | 8130.6 | 7595.6 | 7009.7 | 6343.6 |
| 22.5° | 10634.6 | 10434.4 | 10197.8 | 9932.2 | 9633.7 | 9269.8 | 8847.6 | 8341.7 | 7799.4 | 7220.7 | 6565.6 |
| 20° | 10783.8 | 10598.2 | 10365.3 | 10092.3 | 9793.9 | 9426.3 | 9007.7 | 8527.3 | 7981.4 | 7413.6 | 6765.8 |
| 17.5° | 10903.9 | 10740.1 | 10507.2 | 10219.7 | 9921.2 | 9564.6 | 9156.9 | 8716.6 | 8137.9 | 7577.4 | 6933.2 |
| 15° | 10987.6 | 10827.5 | 10616.4 | 10325.2 | 10034.1 | 9681.0 | 9273.4 | 8818.5 | 8279.8 | 7708.4 | 7071.5 |
| 12.5° | 11045.8 | 10874.8 | 10678.3 | 10408.9 | 10117.8 | 9768.4 | 9371.7 | 8924.0 | 8399.9 | 7824.9 | 7191.6 |
| 10° | 11060.4 | 10903.9 | 10707.4 | 10467.2 | 10183.3 | 9844.8 | 9455.4 | 9011.4 | 8498.2 | 7915.9 | 7289.9 |
| 7.5° | 11067.7 | 10918.5 | 10740.1 | 10510.8 | 10230.6 | 9903.0 | 9517.3 | 9080.5 | 8571.0 | 7992.3 | 7362.7 |
| 5° | 11064.0 | 10922.1 | 10762.0 | 10540.0 | 10259.7 | 9935.8 | 9557.3 | 9127.8 | 8621.9 | 8043.3 | 7417.3 |
| 2.5° | 11053.1 | 10925.7 | 10776.5 | 10561.8 | 10292.5 | 9972.2 | 9597.3 | 9182.4 | 8676.5 | 8086.9 | 7460.9 |
| 0° | 11082.2 | 10973.1 | 10783.8 | 10554.5 | 10299.7 | 9972.2 | 9593.7 | 9189.7 | 8683.8 | 8083.3 | 7457.3 |



REPORT NUMBER: P628366
 CATALOG NUMBER: IFLD-S-SA6D-827-U-LAM

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° | 91.0 | 87.3 | 87.3 | 83.7 | 80.1 | 76.4 | 69.2 | 65.5 | 58.2 | 47.3 | 36.4 |
| 85° | 196.5 | 185.6 | 174.7 | 167.4 | 160.1 | 152.9 | 141.9 | 131.0 | 116.5 | 94.6 | 72.8 |
| 82.5° | 345.8 | 323.9 | 302.1 | 276.6 | 254.8 | 232.9 | 214.7 | 196.5 | 174.7 | 141.9 | 109.2 |
| 80° | 495.0 | 462.2 | 429.5 | 393.1 | 360.3 | 323.9 | 291.2 | 262.0 | 232.9 | 189.3 | 145.6 |
| 77.5° | 644.2 | 600.5 | 553.2 | 509.5 | 462.2 | 414.9 | 367.6 | 327.6 | 283.9 | 232.9 | 182.0 |
| 75° | 782.5 | 731.5 | 687.9 | 626.0 | 567.8 | 505.9 | 444.0 | 389.4 | 334.8 | 273.0 | 218.4 |
| 72.5° | 920.8 | 855.3 | 793.4 | 735.2 | 669.7 | 593.2 | 524.1 | 454.9 | 385.8 | 313.0 | 247.5 |
| 70° | 1059.1 | 979.0 | 902.6 | 833.4 | 760.7 | 684.2 | 600.5 | 520.4 | 436.7 | 349.4 | 273.0 |
| 67.5° | 1201.0 | 1110.0 | 1022.7 | 935.3 | 851.6 | 764.3 | 676.9 | 586.0 | 487.7 | 385.8 | 302.1 |
| 65° | 1357.5 | 1244.7 | 1139.2 | 1040.9 | 942.6 | 848.0 | 749.7 | 651.5 | 542.3 | 425.8 | 327.6 |
| 62.5° | 1514.0 | 1390.3 | 1266.5 | 1142.8 | 1033.6 | 928.1 | 822.5 | 713.3 | 593.2 | 469.5 | 353.0 |
| 60° | 1681.4 | 1539.5 | 1397.6 | 1259.3 | 1124.6 | 1008.1 | 891.7 | 775.2 | 647.8 | 509.5 | 378.5 |
| 57.5° | 1867.1 | 1696.0 | 1535.9 | 1379.4 | 1226.5 | 1088.2 | 960.8 | 837.1 | 695.1 | 549.6 | 407.6 |
| 55° | 2078.1 | 1867.1 | 1677.8 | 1503.1 | 1335.7 | 1168.3 | 1030.0 | 902.6 | 749.7 | 589.6 | 440.4 |
| 52.5° | 2300.2 | 2056.3 | 1827.0 | 1630.5 | 1452.2 | 1262.9 | 1095.5 | 953.5 | 804.3 | 629.6 | 469.5 |
| 50° | 2558.6 | 2249.2 | 1994.4 | 1754.2 | 1554.1 | 1357.5 | 1164.6 | 1011.8 | 858.9 | 676.9 | 498.6 |
| 47.5° | 2824.2 | 2482.1 | 2161.9 | 1899.8 | 1663.2 | 1448.5 | 1244.7 | 1062.7 | 909.9 | 720.6 | 527.7 |
| 45° | 3133.6 | 2704.1 | 2351.1 | 2041.8 | 1768.8 | 1543.1 | 1324.8 | 1117.3 | 953.5 | 764.3 | 556.8 |
| 42.5° | 3432.0 | 2966.2 | 2547.6 | 2198.3 | 1888.9 | 1634.1 | 1397.6 | 1175.6 | 997.2 | 808.0 | 582.3 |
| 40° | 3785.1 | 3228.2 | 2736.9 | 2347.5 | 2009.0 | 1721.5 | 1470.4 | 1237.4 | 1037.3 | 848.0 | 607.8 |
| 37.5° | 4123.5 | 3493.9 | 2966.2 | 2511.2 | 2125.5 | 1808.8 | 1543.1 | 1295.7 | 1073.6 | 888.0 | 640.5 |
| 35° | 4458.4 | 3788.7 | 3184.6 | 2664.1 | 2245.6 | 1907.1 | 1615.9 | 1350.2 | 1110.0 | 920.8 | 669.7 |
| 32.5° | 4778.6 | 4065.3 | 3406.6 | 2835.2 | 2376.6 | 1998.1 | 1681.4 | 1401.2 | 1146.4 | 949.9 | 698.8 |
| 30° | 5077.1 | 4327.4 | 3624.9 | 3009.9 | 2496.7 | 2081.8 | 1743.3 | 1452.2 | 1190.1 | 975.4 | 727.9 |
| 27.5° | 5350.0 | 4582.1 | 3843.3 | 3173.6 | 2609.5 | 2158.2 | 1808.8 | 1499.5 | 1226.5 | 1000.9 | 753.4 |
| 25° | 5597.5 | 4811.4 | 4043.5 | 3322.9 | 2711.4 | 2241.9 | 1870.7 | 1546.8 | 1259.3 | 1022.7 | 775.2 |
| 22.5° | 5830.5 | 5022.5 | 4225.4 | 3472.1 | 2835.2 | 2325.6 | 1928.9 | 1590.5 | 1292.0 | 1044.5 | 797.0 |
| 20° | 6034.3 | 5215.4 | 4400.1 | 3621.3 | 2944.3 | 2402.1 | 1979.9 | 1630.5 | 1321.1 | 1059.1 | 818.9 |
| 17.5° | 6198.0 | 5386.4 | 4556.6 | 3752.3 | 3039.0 | 2467.6 | 2023.6 | 1666.9 | 1346.6 | 1077.3 | 833.4 |
| 15° | 6343.6 | 5532.0 | 4687.7 | 3865.1 | 3122.7 | 2522.2 | 2063.6 | 1696.0 | 1368.4 | 1088.2 | 851.6 |
| 12.5° | 6467.4 | 5655.8 | 4800.5 | 3963.4 | 3195.5 | 2569.5 | 2096.3 | 1717.8 | 1386.6 | 1099.1 | 862.6 |
| 10° | 6569.3 | 5754.0 | 4895.1 | 4039.8 | 3253.7 | 2605.9 | 2121.8 | 1739.7 | 1401.2 | 1110.0 | 873.5 |
| 7.5° | 6645.7 | 5826.8 | 4964.3 | 4105.3 | 3301.0 | 2631.3 | 2143.7 | 1754.2 | 1415.8 | 1117.3 | 891.7 |
| 5° | 6703.9 | 5888.7 | 5018.9 | 4149.0 | 3337.4 | 2667.7 | 2169.1 | 1772.4 | 1430.3 | 1124.6 | 891.7 |
| 2.5° | 6747.6 | 5939.6 | 5062.5 | 4185.4 | 3366.5 | 2660.5 | 2169.1 | 1768.8 | 1430.3 | 1124.6 | 888.0 |
| 0° | 6740.3 | 5943.3 | 5058.9 | 4185.4 | 3366.5 | 2653.2 | 2169.1 | 1765.2 | 1430.3 | 1124.6 | 888.0 |



REPORT NUMBER: P628366
 CATALOG NUMBER: IFLD-S-SA6D-827-U-LAM

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|-------|-------|-------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 25.5 | 18.2 | 7.3 | 0.0 |
| 85° | 54.6 | 36.4 | 18.2 | 0.0 |
| 82.5° | 80.1 | 51.0 | 25.5 | 0.0 |
| 80° | 105.5 | 69.2 | 32.8 | 0.0 |
| 77.5° | 134.7 | 87.3 | 43.7 | 0.0 |
| 75° | 160.1 | 101.9 | 51.0 | 0.0 |
| 72.5° | 185.6 | 120.1 | 58.2 | 0.0 |
| 70° | 207.5 | 134.7 | 65.5 | 0.0 |
| 67.5° | 229.3 | 152.9 | 76.4 | 0.0 |
| 65° | 247.5 | 167.4 | 83.7 | 0.0 |
| 62.5° | 262.0 | 185.6 | 91.0 | 0.0 |
| 60° | 280.2 | 200.2 | 98.3 | 0.0 |
| 57.5° | 294.8 | 211.1 | 105.5 | 0.0 |
| 55° | 309.4 | 218.4 | 112.8 | 0.0 |
| 52.5° | 323.9 | 229.3 | 120.1 | 0.0 |
| 50° | 338.5 | 240.2 | 127.4 | 0.0 |
| 47.5° | 353.0 | 247.5 | 131.0 | 0.0 |
| 45° | 374.9 | 258.4 | 138.3 | 0.0 |
| 42.5° | 393.1 | 265.7 | 145.6 | 0.0 |
| 40° | 411.3 | 273.0 | 149.2 | 0.0 |
| 37.5° | 429.5 | 280.2 | 156.5 | 0.0 |
| 35° | 447.7 | 287.5 | 160.1 | 0.0 |
| 32.5° | 462.2 | 294.8 | 163.8 | 0.0 |
| 30° | 476.8 | 302.1 | 167.4 | 0.0 |
| 27.5° | 491.3 | 305.7 | 171.1 | 0.0 |
| 25° | 502.2 | 313.0 | 174.7 | 0.0 |
| 22.5° | 513.2 | 316.6 | 178.3 | 0.0 |
| 20° | 520.4 | 320.3 | 182.0 | 0.0 |
| 17.5° | 531.4 | 323.9 | 185.6 | 0.0 |
| 15° | 535.0 | 327.6 | 192.9 | 0.0 |
| 12.5° | 542.3 | 331.2 | 192.9 | 0.0 |
| 10° | 545.9 | 334.8 | 192.9 | 0.0 |
| 7.5° | 553.2 | 334.8 | 192.9 | 0.0 |
| 5° | 549.6 | 334.8 | 192.9 | 0.0 |
| 2.5° | 549.6 | 334.8 | 192.9 | 0.0 |
| 0° | 545.9 | 334.8 | 192.9 | 0.0 |

(END OF REPORT)