

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: P722186

Luminaire Tested: **IFLD-L-SA7E-827-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722186
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7E-827-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (112) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

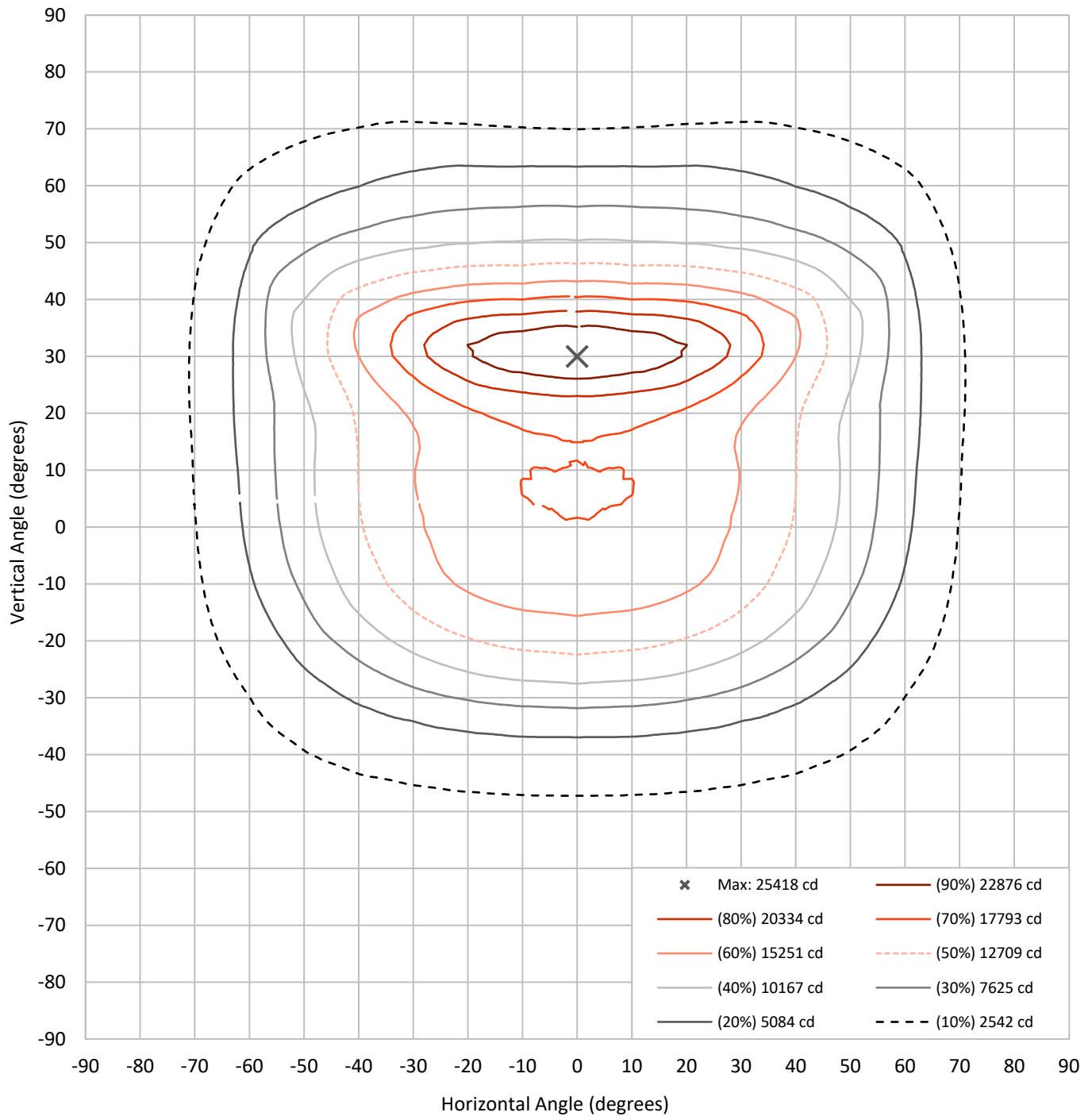
Summary

| | | | |
|-----------------------------------|------------------------------------|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 6V |
| Luminaire Lumens: | 42429.1 lumens | Max Intensity: | 25418 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 30°V |
| Efficacy: | 79.6 lumens/watt | | |
| Luminous Opening: | Rectangular (W 2' x L: 1' x H: 0') | | |
| Beam Angle (50%): | 90.8°H x 68.8°V | Field Angle (10%): | 142°H x 117.1°V |
| Beam Lumens: | 24673 lumens | Field Lumens: | 39761.5 lumens |
| Beam Efficiency: | 58.2% | Field Efficiency: | 93.7% |
| Input Watts (W): | 532.7 | | |
| 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: | 28.75 FT | | |



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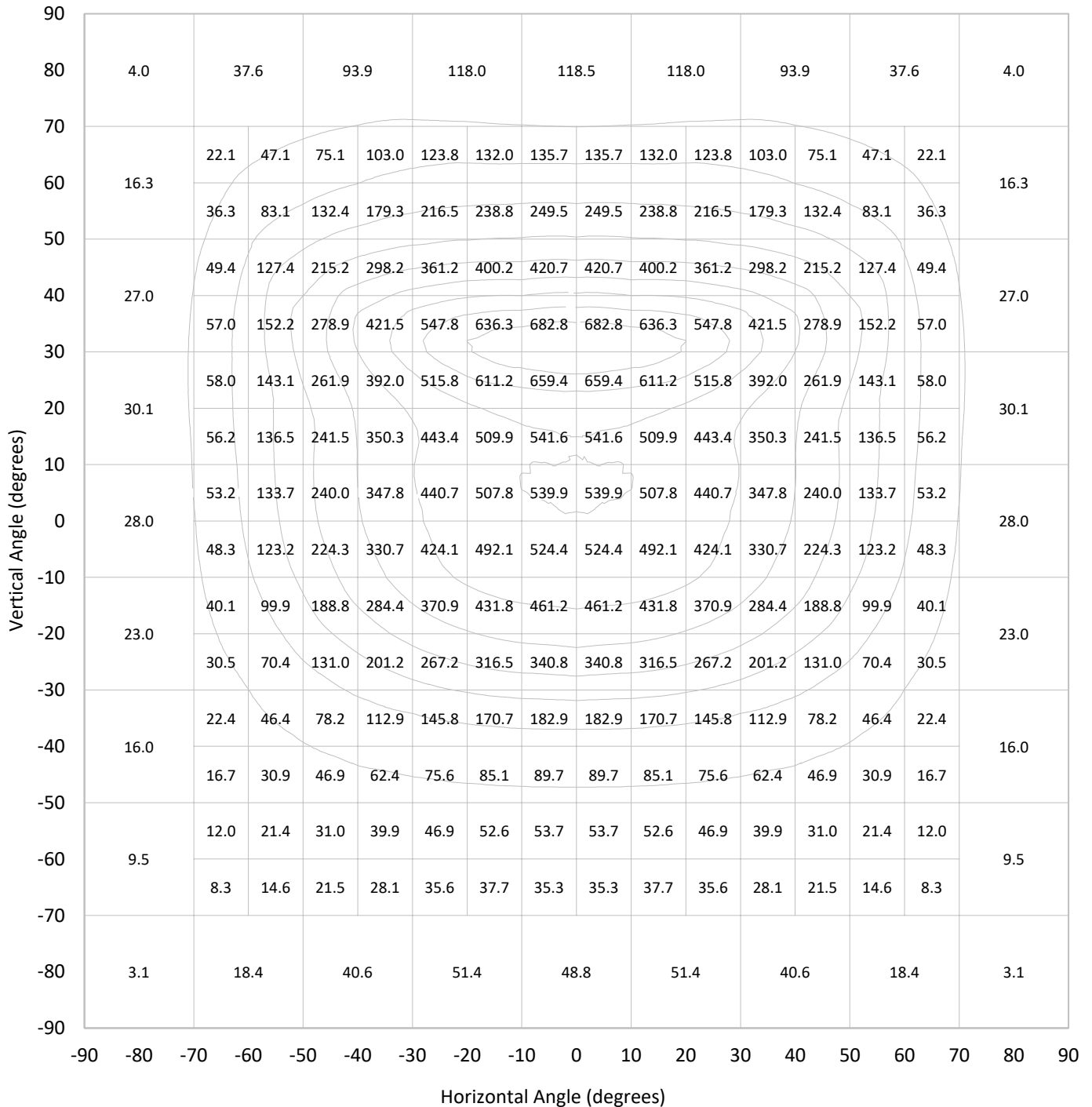
Iso-Candela Plot





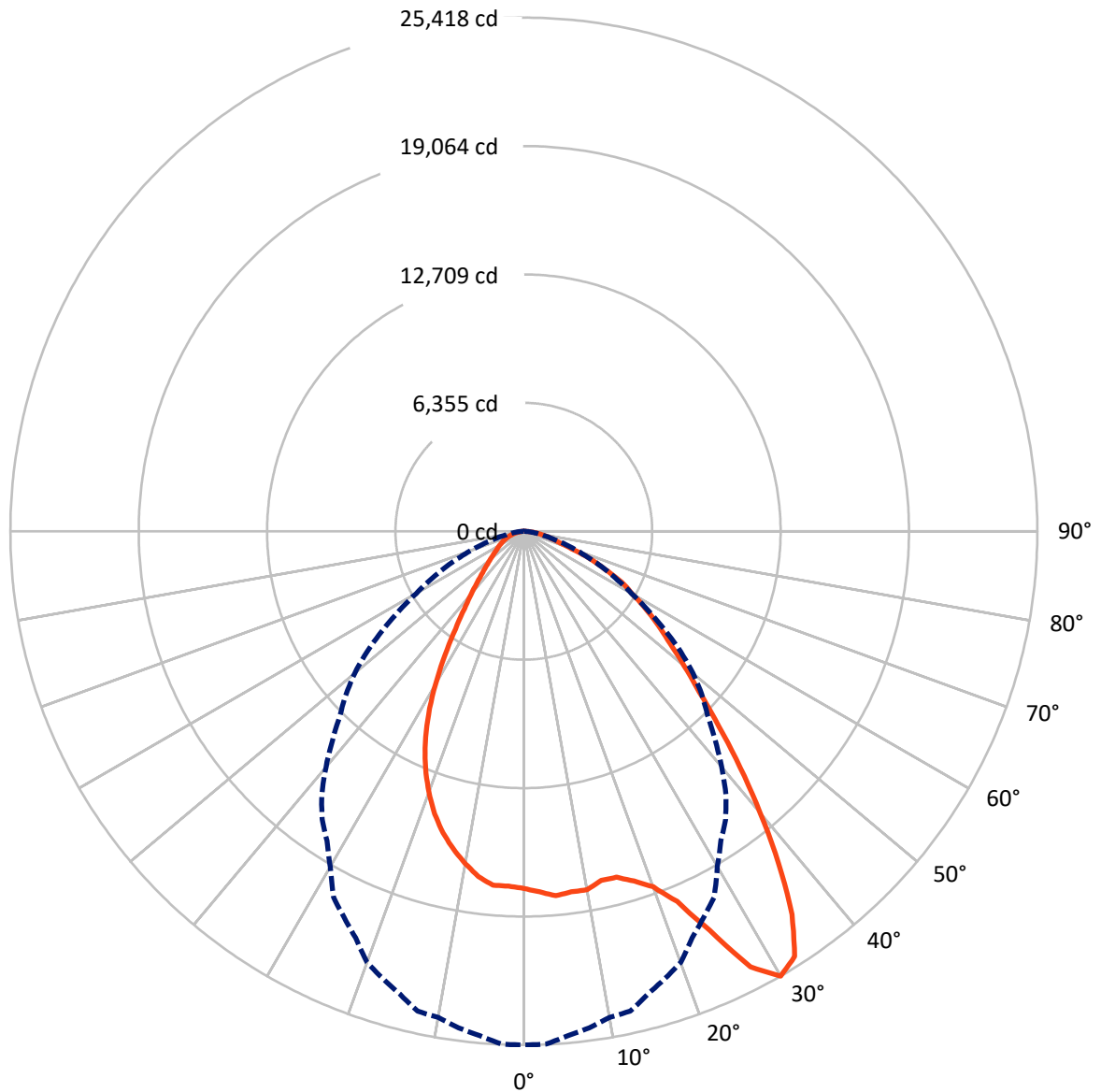
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Lumen Table



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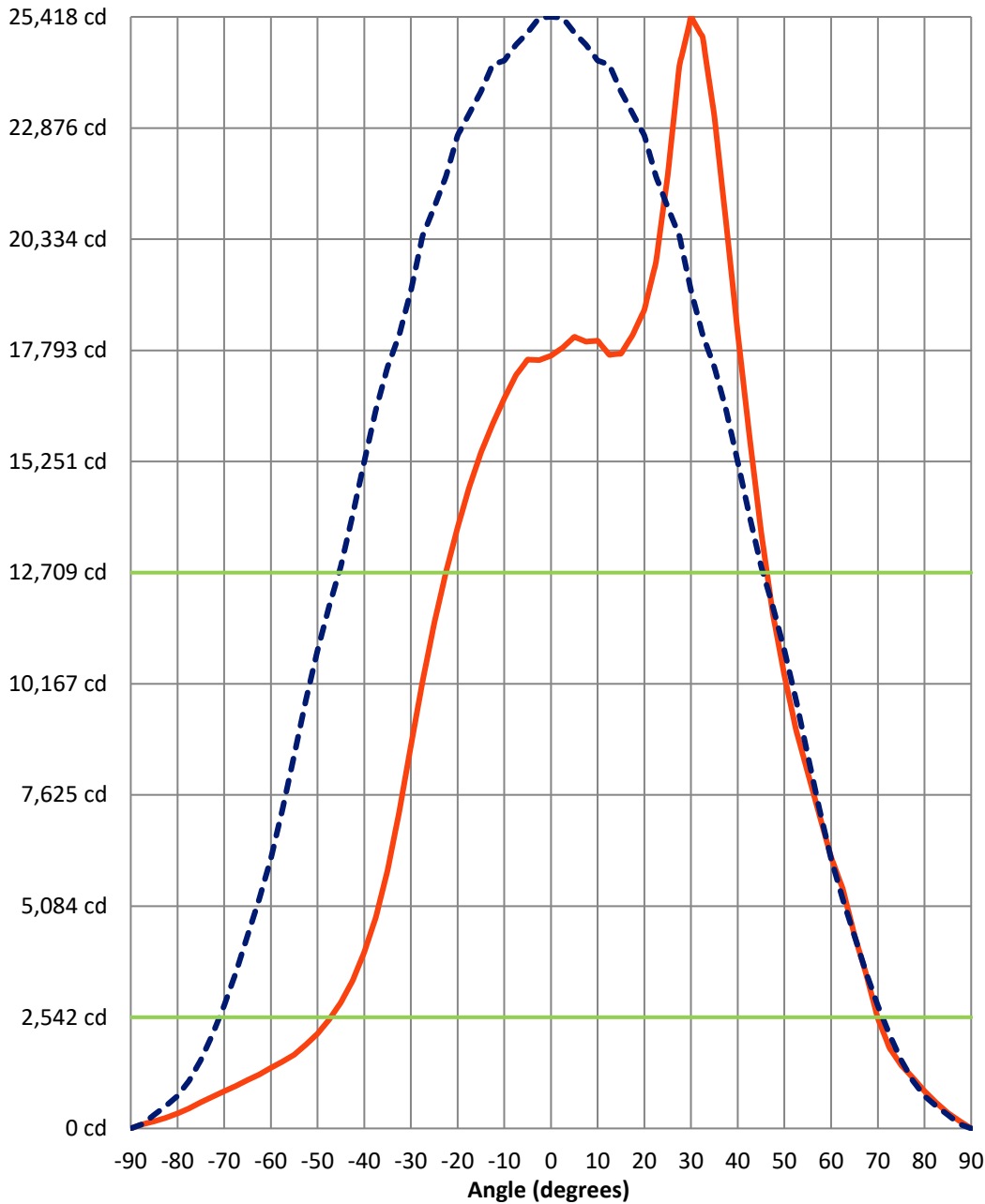
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 24673
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 39761.5
 Efficiency: 93.7%

Spill:
 Lumens: 2667.5
 Efficiency: 6.3%

— Vertical Distribution through 0-Deg
 - - - Horizontal Distribution through 30-Deg



REPORT NUMBER: P722186
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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° | 170.8 | 175.3 | 179.8 | 179.8 | 175.3 | 175.3 | 175.3 | 170.8 | 175.3 | 175.3 | 175.3 |
| 85° | 355.1 | 364.1 | 373.1 | 368.6 | 364.1 | 355.1 | 346.1 | 350.6 | 355.1 | 359.6 | 359.6 |
| 82.5° | 588.8 | 602.3 | 611.3 | 606.8 | 597.8 | 588.8 | 579.8 | 584.3 | 593.3 | 597.8 | 597.8 |
| 80° | 854.0 | 858.5 | 863.0 | 872.0 | 858.5 | 858.5 | 854.0 | 872.0 | 881.0 | 890.0 | 899.0 |
| 77.5° | 1159.7 | 1164.2 | 1164.2 | 1168.6 | 1173.1 | 1177.6 | 1177.6 | 1209.1 | 1231.6 | 1245.1 | 1258.5 |
| 75° | 1447.3 | 1460.8 | 1474.3 | 1487.8 | 1505.8 | 1514.7 | 1528.2 | 1573.2 | 1609.1 | 1636.1 | 1663.1 |
| 72.5° | 1842.9 | 1860.8 | 1883.3 | 1914.8 | 1946.2 | 1968.7 | 2000.2 | 2054.1 | 2094.6 | 2121.5 | 2153.0 |
| 70° | 2521.6 | 2539.6 | 2562.0 | 2584.5 | 2616.0 | 2638.4 | 2669.9 | 2737.3 | 2777.8 | 2795.8 | 2813.7 |
| 67.5° | 3528.4 | 3573.4 | 3613.8 | 3568.9 | 3546.4 | 3514.9 | 3523.9 | 3586.8 | 3627.3 | 3654.3 | 3649.8 |
| 65° | 4422.9 | 4454.3 | 4454.3 | 4449.8 | 4431.9 | 4391.4 | 4413.9 | 4490.3 | 4535.2 | 4557.7 | 4490.3 |
| 62.5° | 5474.7 | 5474.7 | 5452.2 | 5488.1 | 5492.6 | 5465.7 | 5452.2 | 5456.7 | 5461.2 | 5474.7 | 5362.3 |
| 60° | 6202.8 | 6247.8 | 6261.2 | 6292.7 | 6301.7 | 6301.7 | 6324.2 | 6342.1 | 6342.1 | 6315.2 | 6184.8 |
| 57.5° | 7164.7 | 7250.1 | 7268.1 | 7245.6 | 7200.7 | 7142.2 | 7133.2 | 7106.3 | 7052.3 | 6998.4 | 6935.5 |
| 55° | 8135.6 | 8180.5 | 8176.0 | 8162.5 | 8117.6 | 8050.2 | 8059.2 | 8023.2 | 7937.8 | 7870.4 | 7785.0 |
| 52.5° | 9110.9 | 9218.8 | 9236.8 | 9209.8 | 9146.9 | 9075.0 | 9079.5 | 9039.0 | 8953.6 | 8881.7 | 8764.8 |
| 50° | 10356.0 | 10445.9 | 10436.9 | 10391.9 | 10302.1 | 10248.1 | 10252.6 | 10176.2 | 10077.3 | 10054.8 | 9902.0 |
| 47.5° | 11780.8 | 11884.2 | 11866.2 | 11803.3 | 11682.0 | 11659.5 | 11682.0 | 11583.1 | 11524.6 | 11475.2 | 11295.4 |
| 45° | 13650.7 | 13772.0 | 13704.6 | 13583.2 | 13390.0 | 13412.4 | 13443.9 | 13425.9 | 13300.1 | 13169.7 | 12940.5 |
| 42.5° | 15844.1 | 15920.5 | 15839.6 | 15718.3 | 15475.6 | 15520.5 | 15502.5 | 15394.6 | 15318.2 | 15102.5 | 14810.3 |
| 40° | 18190.4 | 18356.7 | 18230.9 | 18042.1 | 17790.4 | 17857.8 | 17808.4 | 17669.0 | 17489.2 | 17219.5 | 16851.0 |
| 37.5° | 20721.0 | 20851.3 | 20707.5 | 20487.2 | 20262.5 | 20240.0 | 20141.1 | 19925.4 | 19669.2 | 19372.5 | 18783.7 |
| 35° | 23143.7 | 23480.8 | 23215.6 | 22865.0 | 22590.8 | 22487.4 | 22393.0 | 21894.1 | 21602.0 | 21121.0 | 20316.4 |
| 32.5° | 24946.1 | 25193.3 | 24865.2 | 24501.1 | 24168.5 | 24024.6 | 23692.0 | 23098.7 | 22941.4 | 21930.1 | 21192.9 |
| 30° | 25418.0 | 25400.0 | 25058.4 | 24779.8 | 24420.2 | 24321.3 | 23710.0 | 23206.6 | 22703.2 | 21768.3 | 21067.1 |
| 27.5° | 24294.3 | 24182.0 | 23853.8 | 23611.1 | 23256.0 | 23139.2 | 22536.9 | 22267.2 | 21489.6 | 20698.5 | 20105.2 |
| 25° | 21790.7 | 21849.2 | 21602.0 | 21480.6 | 21246.9 | 20995.2 | 20756.9 | 20392.9 | 19907.4 | 19215.2 | 18671.3 |
| 22.5° | 19817.5 | 19893.9 | 19790.6 | 19646.7 | 19466.9 | 19327.6 | 19147.8 | 18864.6 | 18397.2 | 17970.2 | 17457.8 |
| 20° | 18720.8 | 18698.3 | 18608.4 | 18500.5 | 18329.7 | 18230.9 | 18033.1 | 17794.9 | 17435.3 | 17066.7 | 16513.9 |
| 17.5° | 18145.5 | 18006.1 | 17920.7 | 17880.3 | 17790.4 | 17664.5 | 17430.8 | 17188.1 | 16909.4 | 16491.4 | 16086.8 |
| 15° | 17718.5 | 17740.9 | 17673.5 | 17642.0 | 17570.1 | 17394.8 | 17156.6 | 16958.8 | 16581.3 | 16370.0 | 16001.4 |
| 12.5° | 17691.5 | 17669.0 | 17673.5 | 17660.0 | 17570.1 | 17345.4 | 17224.0 | 16972.3 | 16729.6 | 16450.9 | 16028.4 |
| 10° | 18010.6 | 17772.4 | 17790.4 | 17853.3 | 17709.5 | 17529.7 | 17399.3 | 17125.1 | 16895.9 | 16540.8 | 16122.8 |
| 7.5° | 17992.6 | 17871.3 | 17907.2 | 17803.9 | 17848.8 | 17628.6 | 17448.8 | 17174.6 | 16886.9 | 16509.4 | 16131.8 |
| 5° | 18100.5 | 17916.2 | 17884.8 | 17893.8 | 17781.4 | 17615.1 | 17372.4 | 17111.7 | 16842.0 | 16419.5 | 16032.9 |
| 2.5° | 17853.3 | 17880.3 | 17736.4 | 17682.5 | 17669.0 | 17390.3 | 17165.6 | 16913.9 | 16635.2 | 16262.1 | 15916.0 |
| 0° | 17669.0 | 17718.5 | 17570.1 | 17493.7 | 17489.2 | 17251.0 | 17107.2 | 16819.5 | 16621.7 | 16311.6 | 15893.6 |
| -2.5° | 17570.1 | 17628.6 | 17646.5 | 17507.2 | 17372.4 | 17188.1 | 16945.4 | 16635.2 | 16311.6 | 15952.0 | 15592.4 |
| -5° | 17579.1 | 17462.3 | 17412.8 | 17457.8 | 17340.9 | 17156.6 | 16886.9 | 16612.7 | 16293.6 | 15907.1 | 15457.6 |
| -7.5° | 17224.0 | 17107.2 | 17098.2 | 17075.7 | 17048.7 | 16873.4 | 16648.7 | 16352.0 | 16028.4 | 15668.8 | 15250.8 |
| -10° | 16693.6 | 16608.2 | 16585.8 | 16563.3 | 16491.4 | 16388.0 | 16176.7 | 15907.1 | 15614.9 | 15255.3 | 14810.3 |
| -12.5° | 16104.8 | 16064.4 | 15979.0 | 15920.5 | 15848.6 | 15727.3 | 15525.0 | 15277.8 | 14985.6 | 14666.5 | 14284.4 |
| -15° | 15453.1 | 15376.7 | 15291.3 | 15241.8 | 15138.4 | 14994.6 | 14792.3 | 14563.1 | 14244.0 | 13929.3 | 13569.8 |
| -17.5° | 14666.5 | 14572.1 | 14477.7 | 14464.2 | 14392.3 | 14172.1 | 13983.3 | 13704.6 | 13425.9 | 13124.8 | 12774.2 |
| -20° | 13740.6 | 13610.2 | 13547.3 | 13511.3 | 13412.4 | 13250.6 | 13048.4 | 12792.2 | 12522.5 | 12234.8 | 11830.3 |



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CANDELA DISTRIBUTION (continued):

| | 0° | 2.5° | 5° | 7.5° | 10° | 12.5° | 15° | 17.5° | 20° | 22.5° | 25° |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| -22.5° | 12715.8 | 12603.4 | 12495.5 | 12428.1 | 12342.7 | 12216.8 | 12023.6 | 11798.8 | 11533.6 | 11210.0 | 10836.9 |
| -25° | 11551.6 | 11394.3 | 11326.9 | 11250.5 | 11205.5 | 11088.6 | 10899.9 | 10693.1 | 10418.9 | 10104.3 | 9749.2 |
| -27.5° | 10221.1 | 10095.3 | 10059.3 | 9951.5 | 9897.5 | 9776.2 | 9618.8 | 9425.6 | 9173.9 | 8877.2 | 8585.0 |
| -30° | 8751.4 | 8674.9 | 8616.5 | 8508.6 | 8468.2 | 8337.8 | 8234.5 | 8072.6 | 7843.4 | 7632.2 | 7398.4 |
| -32.5° | 7241.1 | 7164.7 | 7146.7 | 7097.3 | 7070.3 | 6984.9 | 6868.0 | 6751.2 | 6566.9 | 6409.6 | 6220.8 |
| -35° | 5901.7 | 5847.7 | 5852.2 | 5847.7 | 5820.8 | 5757.8 | 5614.0 | 5582.5 | 5447.7 | 5303.8 | 5182.5 |
| -37.5° | 4831.9 | 4836.4 | 4831.9 | 4827.4 | 4791.4 | 4764.5 | 4661.1 | 4620.6 | 4539.7 | 4400.4 | 4328.5 |
| -40° | 4027.3 | 4036.3 | 4031.8 | 4022.8 | 3982.4 | 3968.9 | 3901.5 | 3847.5 | 3816.1 | 3717.2 | 3640.8 |
| -42.5° | 3375.6 | 3389.1 | 3384.6 | 3380.1 | 3353.1 | 3348.6 | 3312.7 | 3249.7 | 3231.8 | 3173.3 | 3092.4 |
| -45° | 2881.2 | 2876.7 | 2867.7 | 2876.7 | 2863.2 | 2849.7 | 2827.2 | 2786.8 | 2764.3 | 2737.3 | 2669.9 |
| -47.5° | 2490.1 | 2494.6 | 2485.6 | 2485.6 | 2467.6 | 2454.2 | 2445.2 | 2418.2 | 2400.2 | 2377.7 | 2337.3 |
| -50° | 2166.5 | 2184.5 | 2180.0 | 2175.5 | 2162.0 | 2153.0 | 2153.0 | 2126.0 | 2099.1 | 2090.1 | 2063.1 |
| -52.5° | 1914.8 | 1928.3 | 1932.8 | 1941.7 | 1946.2 | 1950.7 | 1937.3 | 1910.3 | 1865.3 | 1860.8 | 1847.4 |
| -55° | 1685.5 | 1726.0 | 1753.0 | 1770.9 | 1788.9 | 1802.4 | 1775.4 | 1739.5 | 1694.5 | 1676.6 | 1672.1 |
| -57.5° | 1528.2 | 1568.7 | 1600.1 | 1627.1 | 1649.6 | 1672.1 | 1645.1 | 1609.1 | 1568.7 | 1546.2 | 1541.7 |
| -60° | 1384.4 | 1420.4 | 1451.8 | 1487.8 | 1519.2 | 1555.2 | 1541.7 | 1514.7 | 1492.3 | 1474.3 | 1456.3 |
| -62.5° | 1231.6 | 1267.5 | 1303.5 | 1348.4 | 1388.9 | 1424.8 | 1429.3 | 1424.8 | 1420.4 | 1424.8 | 1393.4 |
| -65° | 1105.7 | 1123.7 | 1146.2 | 1195.6 | 1240.6 | 1281.0 | 1303.5 | 1317.0 | 1339.4 | 1361.9 | 1330.5 |
| -67.5° | 970.9 | 993.3 | 1020.3 | 1056.3 | 1092.2 | 1119.2 | 1150.7 | 1186.6 | 1222.6 | 1258.5 | 1236.1 |
| -70° | 849.5 | 867.5 | 890.0 | 907.9 | 930.4 | 948.4 | 975.4 | 1015.8 | 1056.3 | 1092.2 | 1083.2 |
| -72.5° | 723.7 | 741.6 | 755.1 | 764.1 | 777.6 | 786.6 | 800.1 | 836.0 | 863.0 | 881.0 | 881.0 |
| -75° | 597.8 | 615.8 | 629.3 | 633.8 | 642.8 | 647.2 | 656.2 | 669.7 | 683.2 | 687.7 | 692.2 |
| -77.5° | 458.5 | 476.4 | 489.9 | 498.9 | 507.9 | 516.9 | 521.4 | 530.4 | 534.9 | 534.9 | 539.4 |
| -80° | 341.6 | 355.1 | 364.1 | 377.6 | 382.1 | 391.0 | 400.0 | 404.5 | 409.0 | 409.0 | 413.5 |
| -82.5° | 242.7 | 251.7 | 260.7 | 269.7 | 278.7 | 283.2 | 292.2 | 296.7 | 301.2 | 305.6 | 310.1 |
| -85° | 161.8 | 170.8 | 179.8 | 188.8 | 193.3 | 197.8 | 202.3 | 206.8 | 211.3 | 215.7 | 220.2 |
| -87.5° | 94.4 | 98.9 | 103.4 | 112.4 | 116.9 | 125.9 | 130.3 | 125.9 | 130.3 | 130.3 | 130.3 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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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° | 175.3 | 175.3 | 175.3 | 175.3 | 170.8 | 161.8 | 157.3 | 148.3 | 139.3 | 130.3 | 121.4 |
| 85° | 364.1 | 368.6 | 368.6 | 368.6 | 359.6 | 355.1 | 341.6 | 328.1 | 310.1 | 283.2 | 260.7 |
| 82.5° | 606.8 | 611.3 | 611.3 | 606.8 | 597.8 | 584.3 | 566.3 | 543.9 | 507.9 | 472.0 | 440.5 |
| 80° | 912.4 | 916.9 | 916.9 | 912.4 | 890.0 | 867.5 | 845.0 | 818.1 | 773.1 | 723.7 | 669.7 |
| 77.5° | 1276.5 | 1285.5 | 1285.5 | 1272.0 | 1240.6 | 1213.6 | 1177.6 | 1132.7 | 1065.3 | 993.3 | 921.4 |
| 75° | 1699.0 | 1721.5 | 1726.0 | 1712.5 | 1672.1 | 1622.6 | 1564.2 | 1487.8 | 1384.4 | 1294.5 | 1209.1 |
| 72.5° | 2189.0 | 2211.4 | 2229.4 | 2211.4 | 2153.0 | 2085.6 | 2000.2 | 1910.3 | 1806.9 | 1685.5 | 1541.7 |
| 70° | 2831.7 | 2854.2 | 2867.7 | 2809.2 | 2705.9 | 2593.5 | 2490.1 | 2386.7 | 2265.4 | 2117.0 | 1959.7 |
| 67.5° | 3640.8 | 3618.3 | 3591.3 | 3474.5 | 3344.1 | 3209.3 | 3065.4 | 2912.6 | 2755.3 | 2598.0 | 2413.7 |
| 65° | 4418.4 | 4355.4 | 4297.0 | 4157.7 | 3991.4 | 3816.1 | 3649.8 | 3479.0 | 3290.2 | 3092.4 | 2917.1 |
| 62.5° | 5236.4 | 5101.6 | 4957.8 | 4786.9 | 4616.1 | 4422.9 | 4256.6 | 4054.3 | 3843.0 | 3600.3 | 3375.6 |
| 60° | 6041.0 | 5879.2 | 5735.3 | 5524.1 | 5299.4 | 5038.7 | 4858.9 | 4661.1 | 4413.9 | 4153.2 | 3888.0 |
| 57.5° | 6818.6 | 6643.3 | 6486.0 | 6301.7 | 6059.0 | 5775.8 | 5578.0 | 5321.8 | 5061.1 | 4733.0 | 4463.3 |
| 55° | 7645.6 | 7470.3 | 7344.5 | 7137.7 | 6872.5 | 6611.8 | 6396.1 | 6126.4 | 5762.3 | 5411.7 | 5079.1 |
| 52.5° | 8594.0 | 8454.7 | 8319.9 | 8108.6 | 7789.5 | 7524.3 | 7286.1 | 6984.9 | 6602.8 | 6171.3 | 5771.3 |
| 50° | 9654.8 | 9582.9 | 9439.1 | 9191.8 | 8827.8 | 8594.0 | 8279.4 | 7879.4 | 7470.3 | 7016.4 | 6517.4 |
| 47.5° | 11061.7 | 10944.8 | 10742.5 | 10472.9 | 10167.2 | 9816.6 | 9394.1 | 8926.6 | 8346.8 | 7843.4 | 7313.0 |
| 45° | 12742.7 | 12527.0 | 12266.3 | 11902.2 | 11524.6 | 11129.1 | 10666.1 | 10072.8 | 9295.2 | 8639.0 | 8081.6 |
| 42.5° | 14563.1 | 14271.0 | 13915.9 | 13439.4 | 12949.5 | 12464.0 | 11965.1 | 11156.1 | 10185.2 | 9430.1 | 8800.8 |
| 40° | 16464.4 | 16091.3 | 15646.4 | 14954.2 | 14410.3 | 13785.5 | 13214.7 | 12005.6 | 10971.8 | 10153.7 | 9484.0 |
| 37.5° | 18325.3 | 17853.3 | 17107.2 | 16266.6 | 15632.9 | 15120.5 | 13866.4 | 12571.9 | 11646.0 | 10747.0 | 10068.3 |
| 35° | 19750.1 | 19350.1 | 18033.1 | 17161.1 | 16617.2 | 15808.2 | 14239.5 | 12913.5 | 11933.7 | 11187.5 | 10131.3 |
| 32.5° | 20595.1 | 19561.3 | 18406.2 | 17525.2 | 17075.7 | 15749.7 | 14266.5 | 13012.4 | 12068.5 | 11232.5 | 9969.4 |
| 30° | 20406.3 | 19156.8 | 18145.5 | 17408.3 | 16432.9 | 15241.8 | 14014.7 | 12859.6 | 11942.7 | 10931.3 | 9789.6 |
| 27.5° | 19269.2 | 18302.8 | 17399.3 | 16630.7 | 15673.3 | 14603.6 | 13470.9 | 12455.1 | 11601.0 | 10621.2 | 9542.4 |
| 25° | 17983.6 | 17107.2 | 16437.4 | 15767.7 | 14859.8 | 13839.5 | 12841.6 | 12109.0 | 11250.5 | 10284.1 | 9218.8 |
| 22.5° | 16801.5 | 16172.2 | 15646.4 | 14945.2 | 14059.7 | 13169.7 | 12549.4 | 11789.8 | 10908.9 | 9929.0 | 8886.2 |
| 20° | 16046.4 | 15619.4 | 15017.1 | 14244.0 | 13547.3 | 12989.9 | 12302.2 | 11497.7 | 10589.7 | 9564.9 | 8603.0 |
| 17.5° | 15682.3 | 15187.9 | 14518.2 | 14014.7 | 13479.9 | 12868.6 | 12100.0 | 11246.0 | 10279.6 | 9398.6 | 8634.5 |
| 15° | 15493.5 | 14972.1 | 14531.6 | 14037.2 | 13434.9 | 12792.2 | 11938.2 | 11052.7 | 10279.6 | 9466.0 | 8657.0 |
| 12.5° | 15534.0 | 15084.5 | 14603.6 | 14064.2 | 13416.9 | 12729.2 | 11956.1 | 11133.6 | 10333.5 | 9515.5 | 8661.5 |
| 10° | 15659.8 | 15187.9 | 14675.5 | 14077.7 | 13425.9 | 12747.2 | 12005.6 | 11183.0 | 10360.5 | 9537.9 | 8652.5 |
| 7.5° | 15704.8 | 15192.4 | 14644.0 | 14041.7 | 13403.5 | 12738.2 | 12014.6 | 11196.5 | 10365.0 | 9533.4 | 8625.5 |
| 5° | 15565.5 | 15102.5 | 14572.1 | 13965.3 | 13340.5 | 12693.3 | 11978.6 | 11178.5 | 10329.0 | 9488.5 | 8558.1 |
| 2.5° | 15376.7 | 15003.6 | 14495.7 | 13911.4 | 13277.6 | 12630.4 | 11920.2 | 11097.6 | 10248.1 | 9407.6 | 8472.7 |
| 0° | 15345.2 | 14882.2 | 14369.8 | 13848.4 | 13174.2 | 12491.0 | 11785.3 | 10944.8 | 10099.8 | 9254.8 | 8324.3 |
| -2.5° | 15138.4 | 14648.5 | 14136.1 | 13569.8 | 12976.5 | 12288.8 | 11547.1 | 10724.6 | 9888.5 | 9057.0 | 8162.5 |
| -5° | 14981.1 | 14437.3 | 13893.4 | 13282.1 | 12684.3 | 11996.6 | 11228.0 | 10427.9 | 9609.9 | 8800.8 | 7937.8 |
| -7.5° | 14769.9 | 14212.5 | 13641.7 | 13003.4 | 12356.2 | 11655.0 | 10895.4 | 10095.3 | 9290.7 | 8486.2 | 7659.1 |
| -10° | 14342.9 | 13852.9 | 13318.1 | 12657.3 | 11974.1 | 11272.9 | 10517.8 | 9731.2 | 8926.6 | 8113.1 | 7281.6 |
| -12.5° | 13826.0 | 13309.1 | 12724.7 | 12117.9 | 11506.7 | 10854.9 | 10099.8 | 9326.7 | 8517.6 | 7699.6 | 6872.5 |
| -15° | 13156.2 | 12648.3 | 12050.5 | 11457.2 | 10868.4 | 10243.6 | 9578.4 | 8881.7 | 8059.2 | 7254.6 | 6427.5 |
| -17.5° | 12320.2 | 11843.8 | 11308.9 | 10742.5 | 10158.2 | 9529.0 | 8881.7 | 8292.9 | 7524.3 | 6769.2 | 5951.1 |
| -20° | 11421.3 | 10976.3 | 10495.3 | 9960.5 | 9376.1 | 8760.3 | 8149.1 | 7533.3 | 6868.0 | 6202.8 | 5443.2 |



REPORT NUMBER: P722186
 CATALOG NUMBER: IFLD-L-SA7E-827-U-76

CANDELA DISTRIBUTION (continued):

| | 27.5° | 30° | 32.5° | 35° | 37.5° | 40° | 42.5° | 45° | 47.5° | 50° | 52.5° |
|--------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| -22.5° | 10486.3 | 10036.9 | 9551.4 | 9052.5 | 8513.1 | 7942.3 | 7375.9 | 6787.1 | 6202.8 | 5600.5 | 4957.8 |
| -25° | 9407.6 | 9012.1 | 8567.1 | 8081.6 | 7600.7 | 7101.8 | 6562.4 | 6027.5 | 5528.6 | 5007.2 | 4481.3 |
| -27.5° | 8279.4 | 7915.3 | 7510.8 | 7088.3 | 6674.8 | 6256.7 | 5789.3 | 5294.9 | 4881.3 | 4449.8 | 4013.8 |
| -30° | 7092.8 | 6800.6 | 6472.5 | 6103.9 | 5784.8 | 5447.7 | 5056.6 | 4647.6 | 4270.0 | 3941.9 | 3591.3 |
| -32.5° | 5969.1 | 5721.9 | 5488.1 | 5245.4 | 4930.8 | 4670.1 | 4400.4 | 4099.2 | 3766.6 | 3456.5 | 3204.8 |
| -35° | 5002.7 | 4737.5 | 4638.6 | 4458.8 | 4234.1 | 4004.9 | 3807.1 | 3591.3 | 3339.6 | 3065.4 | 2858.7 |
| -37.5° | 4189.1 | 4031.8 | 3892.5 | 3793.6 | 3645.3 | 3461.0 | 3303.7 | 3146.4 | 2953.1 | 2746.3 | 2539.6 |
| -40° | 3555.4 | 3447.5 | 3294.7 | 3245.2 | 3150.8 | 3025.0 | 2863.2 | 2741.8 | 2611.5 | 2454.2 | 2278.9 |
| -42.5° | 3047.5 | 2966.6 | 2867.7 | 2782.3 | 2741.8 | 2651.9 | 2526.1 | 2409.2 | 2305.8 | 2198.0 | 2063.1 |
| -45° | 2629.5 | 2575.5 | 2512.6 | 2436.2 | 2404.7 | 2332.8 | 2242.9 | 2112.6 | 2054.1 | 1964.2 | 1865.3 |
| -47.5° | 2292.3 | 2265.4 | 2220.4 | 2171.0 | 2126.0 | 2072.1 | 1991.2 | 1910.3 | 1829.4 | 1770.9 | 1694.5 |
| -50° | 2027.1 | 2009.2 | 1982.2 | 1941.7 | 1883.3 | 1847.4 | 1793.4 | 1721.5 | 1645.1 | 1595.6 | 1541.7 |
| -52.5° | 1815.9 | 1797.9 | 1779.9 | 1748.5 | 1703.5 | 1667.6 | 1622.6 | 1564.2 | 1501.3 | 1451.8 | 1406.9 |
| -55° | 1654.1 | 1627.1 | 1613.6 | 1586.7 | 1550.7 | 1510.2 | 1469.8 | 1429.3 | 1375.4 | 1330.5 | 1285.5 |
| -57.5° | 1528.2 | 1492.3 | 1474.3 | 1451.8 | 1415.9 | 1375.4 | 1343.9 | 1303.5 | 1267.5 | 1218.1 | 1177.6 |
| -60° | 1429.3 | 1388.9 | 1352.9 | 1330.5 | 1299.0 | 1258.5 | 1227.1 | 1195.6 | 1159.7 | 1119.2 | 1069.8 |
| -62.5° | 1348.4 | 1299.0 | 1249.6 | 1222.6 | 1191.1 | 1155.2 | 1123.7 | 1092.2 | 1056.3 | 1015.8 | 970.9 |
| -65° | 1272.0 | 1213.6 | 1150.7 | 1123.7 | 1092.2 | 1056.3 | 1015.8 | 993.3 | 961.9 | 925.9 | 881.0 |
| -67.5° | 1177.6 | 1114.7 | 1060.8 | 1029.3 | 997.8 | 966.4 | 930.4 | 907.9 | 876.5 | 831.5 | 786.6 |
| -70° | 1038.3 | 997.8 | 961.9 | 934.9 | 907.9 | 881.0 | 845.0 | 809.1 | 773.1 | 732.7 | 692.2 |
| -72.5° | 863.0 | 849.5 | 845.0 | 831.5 | 800.1 | 768.6 | 732.7 | 696.7 | 665.2 | 633.8 | 602.3 |
| -75° | 696.7 | 705.7 | 714.7 | 710.2 | 678.7 | 647.2 | 615.8 | 584.3 | 561.8 | 534.9 | 507.9 |
| -77.5° | 552.9 | 561.8 | 570.8 | 570.8 | 548.4 | 530.4 | 507.9 | 485.4 | 467.5 | 445.0 | 418.0 |
| -80° | 427.0 | 440.5 | 454.0 | 463.0 | 445.0 | 431.5 | 413.5 | 395.5 | 377.6 | 359.6 | 341.6 |
| -82.5° | 323.6 | 337.1 | 350.6 | 359.6 | 346.1 | 337.1 | 323.6 | 310.1 | 296.7 | 278.7 | 265.2 |
| -85° | 233.7 | 242.7 | 251.7 | 256.2 | 247.2 | 238.2 | 229.2 | 220.2 | 211.3 | 197.8 | 188.8 |
| -87.5° | 134.8 | 139.3 | 143.8 | 148.3 | 139.3 | 130.3 | 125.9 | 116.9 | 112.4 | 103.4 | 98.9 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P722186
 CATALOG NUMBER: IFLD-L-SA7E-827-U-76

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° | 112.4 | 103.4 | 94.4 | 89.9 | 80.9 | 67.4 | 58.4 | 49.4 | 40.5 | 31.5 | 27.0 |
| 85° | 238.2 | 215.7 | 188.8 | 175.3 | 157.3 | 139.3 | 121.4 | 103.4 | 85.4 | 67.4 | 49.4 |
| 82.5° | 409.0 | 382.1 | 355.1 | 323.6 | 283.2 | 233.7 | 184.3 | 152.8 | 125.9 | 98.9 | 76.4 |
| 80° | 615.8 | 566.3 | 521.4 | 480.9 | 436.0 | 373.1 | 305.6 | 242.7 | 170.8 | 130.3 | 98.9 |
| 77.5° | 854.0 | 795.6 | 732.7 | 665.2 | 593.3 | 507.9 | 431.5 | 350.6 | 265.2 | 179.8 | 125.9 |
| 75° | 1123.7 | 1047.3 | 961.9 | 867.5 | 773.1 | 660.7 | 552.9 | 458.5 | 359.6 | 251.7 | 152.8 |
| 72.5° | 1424.8 | 1330.5 | 1227.1 | 1101.2 | 952.9 | 822.5 | 692.2 | 566.3 | 449.5 | 319.1 | 206.8 |
| 70° | 1811.4 | 1663.1 | 1510.2 | 1375.4 | 1186.6 | 979.9 | 827.0 | 683.2 | 534.9 | 391.0 | 260.7 |
| 67.5° | 2224.9 | 2045.1 | 1860.8 | 1663.1 | 1424.8 | 1182.1 | 961.9 | 800.1 | 624.8 | 458.5 | 310.1 |
| 65° | 2674.4 | 2449.7 | 2215.9 | 1995.7 | 1667.6 | 1379.9 | 1132.7 | 912.4 | 710.2 | 521.4 | 359.6 |
| 62.5° | 3137.4 | 2872.2 | 2602.5 | 2314.8 | 1937.3 | 1582.2 | 1294.5 | 1038.3 | 791.1 | 579.8 | 404.5 |
| 60° | 3631.8 | 3321.6 | 2993.5 | 2633.9 | 2193.5 | 1802.4 | 1447.3 | 1168.6 | 876.5 | 638.3 | 454.0 |
| 57.5° | 4153.2 | 3816.1 | 3429.5 | 2944.1 | 2458.6 | 2013.7 | 1622.6 | 1285.5 | 952.9 | 692.2 | 489.9 |
| 55° | 4719.5 | 4333.0 | 3910.5 | 3267.7 | 2719.3 | 2224.9 | 1797.9 | 1402.4 | 1033.8 | 737.1 | 525.9 |
| 52.5° | 5330.8 | 4881.3 | 4346.5 | 3609.3 | 2993.5 | 2440.7 | 1959.7 | 1505.8 | 1110.2 | 786.6 | 557.4 |
| 50° | 6014.0 | 5447.7 | 4728.5 | 3923.9 | 3231.8 | 2642.9 | 2121.5 | 1618.1 | 1173.1 | 840.5 | 584.3 |
| 47.5° | 6724.2 | 6112.9 | 5070.1 | 4216.1 | 3474.5 | 2840.7 | 2287.8 | 1717.0 | 1236.1 | 885.5 | 611.3 |
| 45° | 7465.8 | 6575.9 | 5425.2 | 4476.8 | 3685.7 | 3020.5 | 2413.7 | 1806.9 | 1312.5 | 925.9 | 633.8 |
| 42.5° | 8198.5 | 6926.5 | 5735.3 | 4737.5 | 3883.5 | 3182.3 | 2517.1 | 1892.3 | 1375.4 | 966.4 | 656.2 |
| 40° | 8544.6 | 7191.7 | 5982.6 | 4917.3 | 4049.8 | 3326.1 | 2607.0 | 1968.7 | 1429.3 | 993.3 | 678.7 |
| 37.5° | 8688.4 | 7353.5 | 6144.4 | 5088.1 | 4180.2 | 3402.6 | 2683.4 | 2036.1 | 1474.3 | 1020.3 | 696.7 |
| 35° | 8719.9 | 7411.9 | 6225.3 | 5205.0 | 4288.0 | 3474.5 | 2741.8 | 2085.6 | 1510.2 | 1047.3 | 714.7 |
| 32.5° | 8661.5 | 7393.9 | 6247.8 | 5245.4 | 4355.4 | 3528.4 | 2782.3 | 2121.5 | 1537.2 | 1074.3 | 732.7 |
| 30° | 8531.1 | 7299.5 | 6166.8 | 5240.9 | 4404.9 | 3559.9 | 2809.2 | 2148.5 | 1564.2 | 1092.2 | 741.6 |
| 27.5° | 8319.9 | 7133.2 | 6063.5 | 5245.4 | 4431.9 | 3573.4 | 2822.7 | 2162.0 | 1582.2 | 1105.7 | 759.6 |
| 25° | 8059.2 | 6908.5 | 6068.0 | 5236.4 | 4436.4 | 3577.9 | 2822.7 | 2162.0 | 1586.7 | 1110.2 | 773.1 |
| 22.5° | 7758.0 | 6908.5 | 6068.0 | 5222.9 | 4409.4 | 3568.9 | 2809.2 | 2153.0 | 1586.7 | 1119.2 | 786.6 |
| 20° | 7776.0 | 6913.0 | 6054.5 | 5196.0 | 4368.9 | 3541.9 | 2777.8 | 2130.5 | 1573.2 | 1132.7 | 795.6 |
| 17.5° | 7789.5 | 6904.0 | 6027.5 | 5160.0 | 4315.0 | 3496.9 | 2737.3 | 2099.1 | 1573.2 | 1146.2 | 800.1 |
| 15° | 7789.5 | 6877.0 | 5987.1 | 5106.1 | 4247.6 | 3434.0 | 2678.9 | 2072.1 | 1577.7 | 1150.7 | 809.1 |
| 12.5° | 7776.0 | 6827.6 | 5924.1 | 5034.2 | 4166.7 | 3357.6 | 2642.9 | 2063.1 | 1577.7 | 1155.2 | 809.1 |
| 10° | 7749.0 | 6760.2 | 5843.2 | 4944.3 | 4090.3 | 3330.6 | 2625.0 | 2045.1 | 1568.7 | 1155.2 | 809.1 |
| 7.5° | 7699.6 | 6679.3 | 5775.8 | 4890.3 | 4045.3 | 3299.2 | 2598.0 | 2018.2 | 1555.2 | 1146.2 | 818.1 |
| 5° | 7623.2 | 6634.3 | 5721.9 | 4827.4 | 3982.4 | 3276.7 | 2580.0 | 1995.7 | 1546.2 | 1146.2 | 809.1 |
| 2.5° | 7524.3 | 6580.4 | 5658.9 | 4746.5 | 3910.5 | 3200.3 | 2521.6 | 1946.2 | 1514.7 | 1128.2 | 800.1 |
| 0° | 7362.5 | 6472.5 | 5551.1 | 4634.1 | 3811.6 | 3123.9 | 2463.1 | 1896.8 | 1483.3 | 1110.2 | 791.1 |
| -2.5° | 7214.1 | 6328.7 | 5411.7 | 4517.3 | 3717.2 | 3056.5 | 2418.2 | 1869.8 | 1469.8 | 1105.7 | 786.6 |
| -5° | 7007.4 | 6130.9 | 5227.4 | 4364.4 | 3591.3 | 2989.0 | 2373.2 | 1838.4 | 1456.3 | 1096.7 | 786.6 |
| -7.5° | 6778.1 | 5924.1 | 5034.2 | 4207.1 | 3465.5 | 2872.2 | 2287.8 | 1788.9 | 1424.8 | 1078.7 | 782.1 |
| -10° | 6423.1 | 5614.0 | 4791.4 | 4027.3 | 3330.6 | 2768.8 | 2215.9 | 1744.0 | 1397.9 | 1060.8 | 764.1 |
| -12.5° | 6045.5 | 5272.4 | 4512.8 | 3807.1 | 3177.8 | 2660.9 | 2135.0 | 1694.5 | 1366.4 | 1042.8 | 755.1 |
| -15° | 5645.5 | 4921.8 | 4220.6 | 3577.9 | 3011.5 | 2530.6 | 2049.6 | 1640.6 | 1335.0 | 1020.3 | 741.6 |
| -17.5° | 5227.4 | 4553.2 | 3919.5 | 3344.1 | 2845.2 | 2395.7 | 1959.7 | 1591.2 | 1299.0 | 997.8 | 728.2 |
| -20° | 4786.9 | 4175.7 | 3613.8 | 3105.9 | 2669.9 | 2260.9 | 1865.3 | 1532.7 | 1258.5 | 970.9 | 710.2 |



REPORT NUMBER: P722186
 CATALOG NUMBER: IFLD-L-SA7E-827-U-76

CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| -22.5° | 4351.0 | 3802.6 | 3299.2 | 2872.2 | 2490.1 | 2121.5 | 1770.9 | 1474.3 | 1213.6 | 939.4 | 696.7 |
| -25° | 3964.4 | 3452.0 | 3020.5 | 2647.4 | 2314.8 | 1986.7 | 1672.1 | 1415.9 | 1164.2 | 907.9 | 678.7 |
| -27.5° | 3586.8 | 3150.8 | 2746.3 | 2436.2 | 2144.0 | 1856.3 | 1577.7 | 1352.9 | 1114.7 | 872.0 | 660.7 |
| -30° | 3236.2 | 2863.2 | 2530.6 | 2229.4 | 1982.2 | 1739.5 | 1496.8 | 1290.0 | 1060.8 | 836.0 | 638.3 |
| -32.5° | 2917.1 | 2616.0 | 2337.3 | 2049.6 | 1829.4 | 1622.6 | 1420.4 | 1227.1 | 1006.8 | 800.1 | 615.8 |
| -35° | 2620.5 | 2386.7 | 2144.0 | 1901.3 | 1676.6 | 1514.7 | 1339.4 | 1159.7 | 957.4 | 759.6 | 593.3 |
| -37.5° | 2355.3 | 2166.5 | 1973.2 | 1766.5 | 1573.2 | 1411.4 | 1263.0 | 1092.2 | 907.9 | 723.7 | 570.8 |
| -40° | 2126.0 | 1973.2 | 1802.4 | 1636.1 | 1474.3 | 1321.5 | 1186.6 | 1024.8 | 858.5 | 696.7 | 548.4 |
| -42.5° | 1914.8 | 1797.9 | 1658.6 | 1519.2 | 1375.4 | 1240.6 | 1110.2 | 952.9 | 809.1 | 665.2 | 525.9 |
| -45° | 1753.0 | 1636.1 | 1523.7 | 1397.9 | 1276.5 | 1159.7 | 1029.3 | 890.0 | 764.1 | 629.3 | 503.4 |
| -47.5° | 1600.1 | 1496.8 | 1393.4 | 1290.0 | 1191.1 | 1083.2 | 952.9 | 836.0 | 714.7 | 597.8 | 485.4 |
| -50° | 1465.3 | 1366.4 | 1276.5 | 1186.6 | 1101.2 | 997.8 | 876.5 | 782.1 | 674.2 | 566.3 | 463.0 |
| -52.5° | 1339.4 | 1254.0 | 1164.2 | 1092.2 | 1020.3 | 916.9 | 818.1 | 728.2 | 633.8 | 530.4 | 440.5 |
| -55° | 1227.1 | 1146.2 | 1065.3 | 997.8 | 930.4 | 840.5 | 759.6 | 683.2 | 593.3 | 503.4 | 418.0 |
| -57.5° | 1119.2 | 1051.8 | 975.4 | 912.4 | 845.0 | 773.1 | 705.7 | 633.8 | 552.9 | 476.4 | 395.5 |
| -60° | 1020.3 | 957.4 | 890.0 | 827.0 | 768.6 | 710.2 | 647.2 | 588.8 | 516.9 | 445.0 | 373.1 |
| -62.5° | 921.4 | 867.5 | 809.1 | 746.1 | 701.2 | 647.2 | 597.8 | 539.4 | 480.9 | 418.0 | 332.6 |
| -65° | 831.5 | 782.1 | 728.2 | 674.2 | 633.8 | 593.3 | 548.4 | 494.4 | 445.0 | 386.6 | 296.7 |
| -67.5° | 741.6 | 696.7 | 651.7 | 606.8 | 570.8 | 539.4 | 494.4 | 454.0 | 413.5 | 350.6 | 260.7 |
| -70° | 656.2 | 620.3 | 579.8 | 543.9 | 516.9 | 480.9 | 449.5 | 413.5 | 377.6 | 305.6 | 220.2 |
| -72.5° | 575.3 | 539.4 | 507.9 | 480.9 | 458.5 | 427.0 | 400.0 | 373.1 | 323.6 | 256.2 | 184.3 |
| -75° | 480.9 | 458.5 | 440.5 | 418.0 | 395.5 | 373.1 | 350.6 | 319.1 | 269.7 | 206.8 | 143.8 |
| -77.5° | 395.5 | 382.1 | 368.6 | 350.6 | 332.6 | 314.6 | 287.7 | 256.2 | 215.7 | 161.8 | 116.9 |
| -80° | 323.6 | 310.1 | 301.2 | 283.2 | 269.7 | 251.7 | 224.7 | 197.8 | 157.3 | 125.9 | 94.4 |
| -82.5° | 247.2 | 238.2 | 229.2 | 220.2 | 206.8 | 188.8 | 161.8 | 139.3 | 116.9 | 94.4 | 71.9 |
| -85° | 175.3 | 170.8 | 161.8 | 152.8 | 139.3 | 125.9 | 107.9 | 94.4 | 80.9 | 62.9 | 49.4 |
| -87.5° | 89.9 | 85.4 | 80.9 | 76.4 | 71.9 | 62.9 | 53.9 | 44.9 | 40.5 | 31.5 | 22.5 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



REPORT NUMBER: P722186
 CATALOG NUMBER: IFLD-L-SA7E-827-U-76

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 18.0 | 13.5 | 4.5 | 0.0 |
| 85° | 36.0 | 22.5 | 9.0 | 0.0 |
| 82.5° | 53.9 | 36.0 | 13.5 | 0.0 |
| 80° | 71.9 | 44.9 | 22.5 | 0.0 |
| 77.5° | 89.9 | 53.9 | 27.0 | 0.0 |
| 75° | 107.9 | 67.4 | 31.5 | 0.0 |
| 72.5° | 121.4 | 76.4 | 36.0 | 0.0 |
| 70° | 143.8 | 89.9 | 40.5 | 0.0 |
| 67.5° | 179.8 | 98.9 | 44.9 | 0.0 |
| 65° | 211.3 | 107.9 | 49.4 | 0.0 |
| 62.5° | 247.2 | 116.9 | 53.9 | 0.0 |
| 60° | 278.7 | 125.9 | 58.4 | 0.0 |
| 57.5° | 310.1 | 148.3 | 62.9 | 0.0 |
| 55° | 337.1 | 166.3 | 67.4 | 0.0 |
| 52.5° | 368.6 | 184.3 | 71.9 | 0.0 |
| 50° | 395.5 | 202.3 | 76.4 | 0.0 |
| 47.5° | 418.0 | 220.2 | 76.4 | 0.0 |
| 45° | 436.0 | 233.7 | 80.9 | 0.0 |
| 42.5° | 449.5 | 247.2 | 85.4 | 0.0 |
| 40° | 463.0 | 260.7 | 89.9 | 0.0 |
| 37.5° | 476.4 | 274.2 | 89.9 | 0.0 |
| 35° | 489.9 | 287.7 | 94.4 | 0.0 |
| 32.5° | 503.4 | 301.2 | 94.4 | 0.0 |
| 30° | 512.4 | 310.1 | 98.9 | 0.0 |
| 27.5° | 525.9 | 319.1 | 98.9 | 0.0 |
| 25° | 530.4 | 328.1 | 103.4 | 0.0 |
| 22.5° | 539.4 | 332.6 | 103.4 | 0.0 |
| 20° | 548.4 | 341.6 | 103.4 | 0.0 |
| 17.5° | 552.9 | 346.1 | 107.9 | 0.0 |
| 15° | 552.9 | 350.6 | 112.4 | 0.0 |
| 12.5° | 557.4 | 355.1 | 112.4 | 0.0 |
| 10° | 557.4 | 364.1 | 107.9 | 0.0 |
| 7.5° | 566.3 | 359.6 | 107.9 | 0.0 |
| 5° | 561.8 | 359.6 | 107.9 | 0.0 |
| 2.5° | 557.4 | 355.1 | 107.9 | 0.0 |
| 0° | 552.9 | 355.1 | 107.9 | 0.0 |
| -2.5° | 552.9 | 355.1 | 107.9 | 0.0 |
| -5° | 552.9 | 355.1 | 107.9 | 0.0 |
| -7.5° | 548.4 | 359.6 | 107.9 | 0.0 |
| -10° | 539.4 | 359.6 | 107.9 | 0.0 |
| -12.5° | 534.9 | 346.1 | 107.9 | 0.0 |
| -15° | 530.4 | 341.6 | 107.9 | 0.0 |
| -17.5° | 521.4 | 337.1 | 103.4 | 0.0 |
| -20° | 512.4 | 332.6 | 103.4 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|--------|-------|-------|-------|-----|
| -22.5° | 503.4 | 323.6 | 103.4 | 0.0 |
| -25° | 494.4 | 314.6 | 98.9 | 0.0 |
| -27.5° | 485.4 | 305.6 | 98.9 | 0.0 |
| -30° | 472.0 | 296.7 | 94.4 | 0.0 |
| -32.5° | 458.5 | 287.7 | 94.4 | 0.0 |
| -35° | 449.5 | 274.2 | 89.9 | 0.0 |
| -37.5° | 436.0 | 260.7 | 89.9 | 0.0 |
| -40° | 422.5 | 247.2 | 85.4 | 0.0 |
| -42.5° | 409.0 | 233.7 | 80.9 | 0.0 |
| -45° | 391.0 | 220.2 | 80.9 | 0.0 |
| -47.5° | 377.6 | 206.8 | 76.4 | 0.0 |
| -50° | 355.1 | 188.8 | 71.9 | 0.0 |
| -52.5° | 328.1 | 170.8 | 67.4 | 0.0 |
| -55° | 301.2 | 157.3 | 62.9 | 0.0 |
| -57.5° | 274.2 | 139.3 | 62.9 | 0.0 |
| -60° | 247.2 | 121.4 | 58.4 | 0.0 |
| -62.5° | 220.2 | 112.4 | 53.9 | 0.0 |
| -65° | 193.3 | 103.4 | 49.4 | 0.0 |
| -67.5° | 161.8 | 89.9 | 44.9 | 0.0 |
| -70° | 134.8 | 80.9 | 40.5 | 0.0 |
| -72.5° | 116.9 | 71.9 | 36.0 | 0.0 |
| -75° | 98.9 | 62.9 | 31.5 | 0.0 |
| -77.5° | 85.4 | 53.9 | 27.0 | 0.0 |
| -80° | 67.4 | 40.5 | 18.0 | 0.0 |
| -82.5° | 49.4 | 31.5 | 13.5 | 0.0 |
| -85° | 31.5 | 22.5 | 9.0 | 0.0 |
| -87.5° | 18.0 | 9.0 | 4.5 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)