

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: P722162

Luminaire Tested: **IFLD-S-SA2A-827-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722162
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2A-827-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

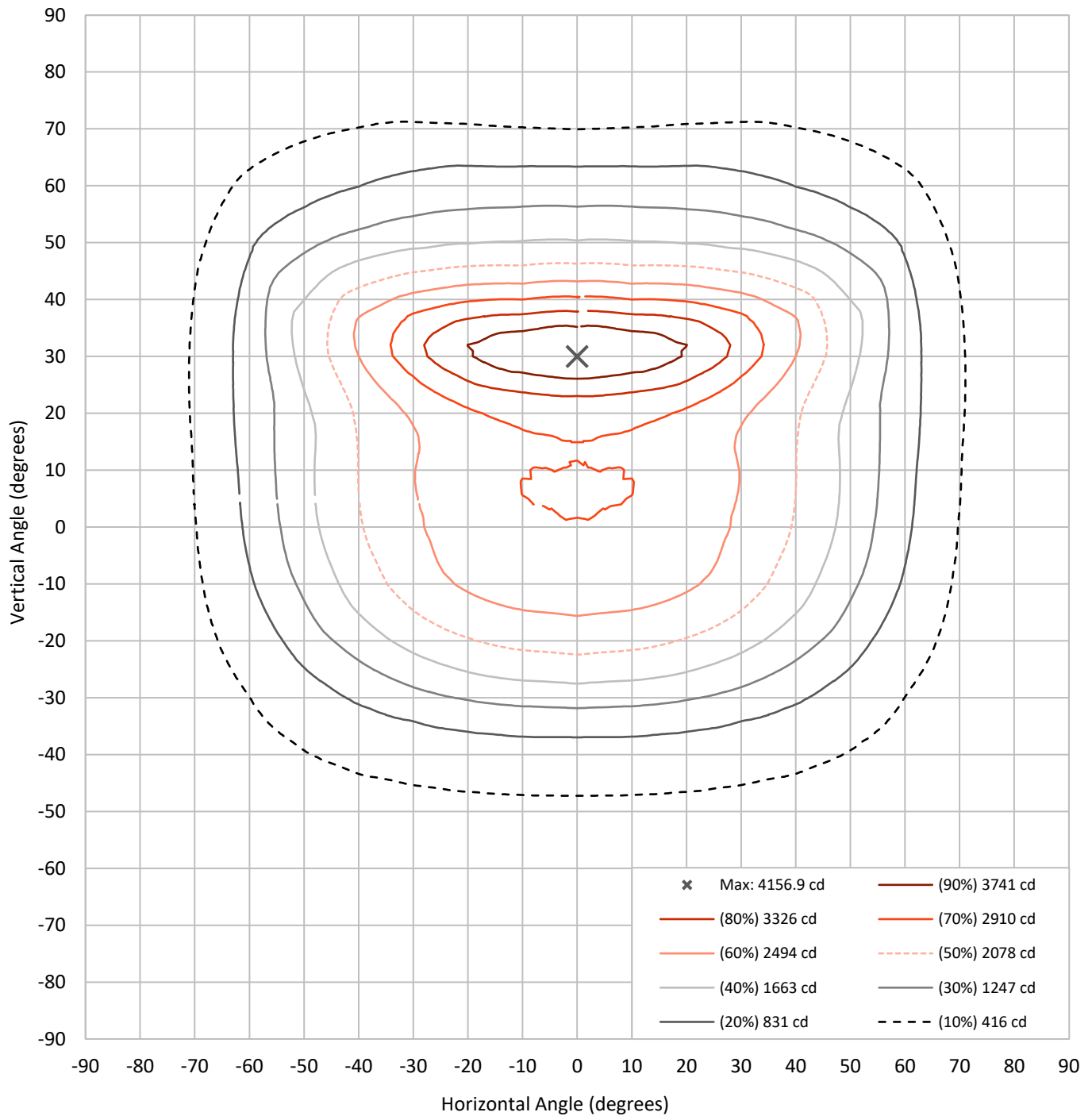
| | | | |
|-------------------|--------------------------------------|----------------------|-----------------|
| Lumens per Lamp: | N/A | NEMA Type: | 7H x 6V |
| Luminaire Lumens: | 6939 lumens | Max Intensity: | 4156.9 candela |
| Efficiency: | N/A | Max Intensity Angle: | 0°H x 30°V |
| Efficacy: | 108.8 lumens/watt | | |
| Luminous Opening: | Rectangular (W 1' x L: 0.5' x H: 0') | | |
| Beam Angle (50%): | 90.8°H x 68.8°V | Field Angle (10%): | 142°H x 117.1°V |
| Beam Lumens: | 4035.1 lumens | Field Lumens: | 6502.7 lumens |
| Beam Efficiency: | 58.2% | Field Efficiency: | 93.7% |

Input Watts (W): 63.8
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: 28.75 FT



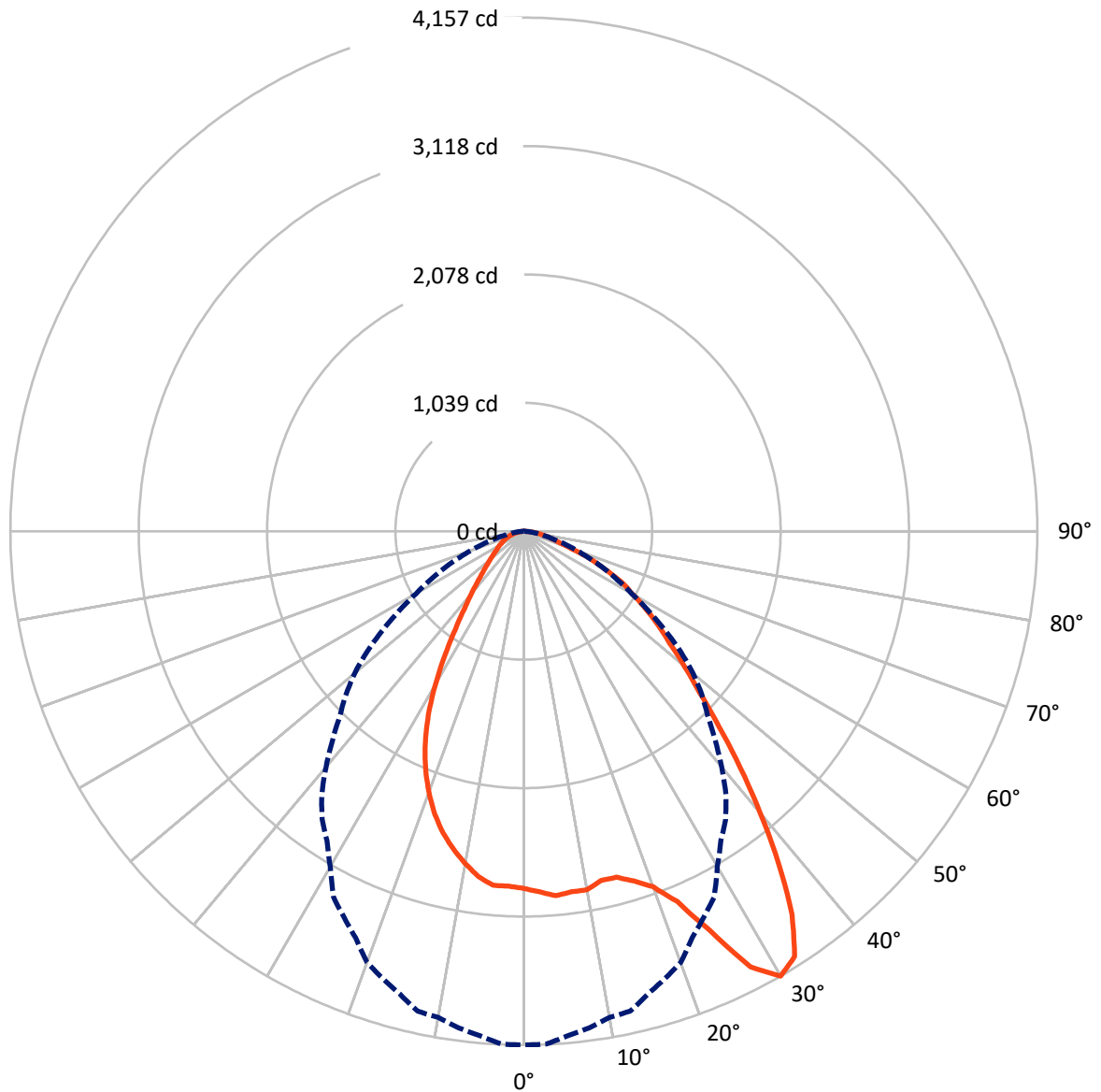
REPORT NUMBER: P722162
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Iso-Candela Plot



REPORT NUMBER: P722162
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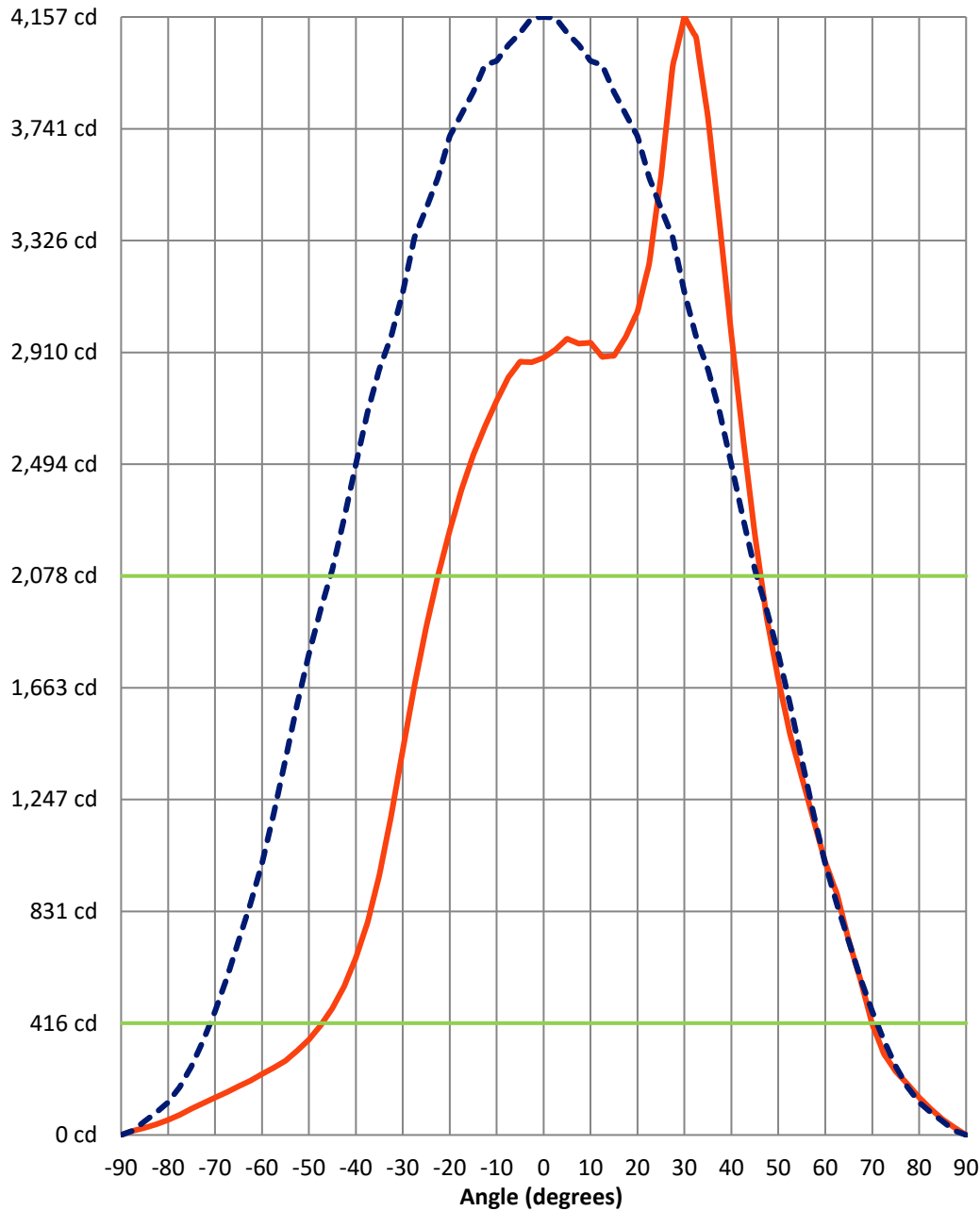
Luminous Intensity Polar Plot



— 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: 4035.1
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 6502.7
 Efficiency: 93.7%

Spill:
 Lumens: 436.3
 Efficiency: 6.3%

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



REPORT NUMBER: P722162
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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° | 27.9 | 28.7 | 29.4 | 29.4 | 28.7 | 28.7 | 28.7 | 27.9 | 28.7 | 28.7 | 28.7 |
| 85° | 58.1 | 59.5 | 61.0 | 60.3 | 59.5 | 58.1 | 56.6 | 57.3 | 58.1 | 58.8 | 58.8 |
| 82.5° | 96.3 | 98.5 | 100.0 | 99.2 | 97.8 | 96.3 | 94.8 | 95.6 | 97.0 | 97.8 | 97.8 |
| 80° | 139.7 | 140.4 | 141.1 | 142.6 | 140.4 | 140.4 | 139.7 | 142.6 | 144.1 | 145.5 | 147.0 |
| 77.5° | 189.7 | 190.4 | 190.4 | 191.1 | 191.9 | 192.6 | 192.6 | 197.7 | 201.4 | 203.6 | 205.8 |
| 75° | 236.7 | 238.9 | 241.1 | 243.3 | 246.3 | 247.7 | 249.9 | 257.3 | 263.2 | 267.6 | 272.0 |
| 72.5° | 301.4 | 304.3 | 308.0 | 313.1 | 318.3 | 322.0 | 327.1 | 335.9 | 342.6 | 347.0 | 352.1 |
| 70° | 412.4 | 415.3 | 419.0 | 422.7 | 427.8 | 431.5 | 436.6 | 447.7 | 454.3 | 457.2 | 460.2 |
| 67.5° | 577.0 | 584.4 | 591.0 | 583.7 | 580.0 | 574.8 | 576.3 | 586.6 | 593.2 | 597.6 | 596.9 |
| 65° | 723.3 | 728.5 | 728.5 | 727.7 | 724.8 | 718.2 | 721.9 | 734.4 | 741.7 | 745.4 | 734.4 |
| 62.5° | 895.3 | 895.3 | 891.7 | 897.5 | 898.3 | 893.9 | 891.7 | 892.4 | 893.1 | 895.3 | 877.0 |
| 60° | 1014.4 | 1021.8 | 1024.0 | 1029.1 | 1030.6 | 1030.6 | 1034.3 | 1037.2 | 1037.2 | 1032.8 | 1011.5 |
| 57.5° | 1171.7 | 1185.7 | 1188.6 | 1185.0 | 1177.6 | 1168.1 | 1166.6 | 1162.2 | 1153.4 | 1144.5 | 1134.2 |
| 55° | 1330.5 | 1337.9 | 1337.1 | 1334.9 | 1327.6 | 1316.5 | 1318.0 | 1312.1 | 1298.2 | 1287.1 | 1273.2 |
| 52.5° | 1490.0 | 1507.7 | 1510.6 | 1506.2 | 1495.9 | 1484.1 | 1484.9 | 1478.3 | 1464.3 | 1452.5 | 1433.4 |
| 50° | 1693.6 | 1708.3 | 1706.9 | 1699.5 | 1684.8 | 1676.0 | 1676.7 | 1664.2 | 1648.1 | 1644.4 | 1619.4 |
| 47.5° | 1926.7 | 1943.6 | 1940.6 | 1930.3 | 1910.5 | 1906.8 | 1910.5 | 1894.3 | 1884.8 | 1876.7 | 1847.3 |
| 45° | 2232.5 | 2252.3 | 2241.3 | 2221.4 | 2189.8 | 2193.5 | 2198.7 | 2195.7 | 2175.1 | 2153.8 | 2116.3 |
| 42.5° | 2591.2 | 2603.7 | 2590.5 | 2570.6 | 2530.9 | 2538.3 | 2535.3 | 2517.7 | 2505.2 | 2469.9 | 2422.1 |
| 40° | 2974.9 | 3002.1 | 2981.5 | 2950.6 | 2909.5 | 2920.5 | 2912.4 | 2889.6 | 2860.2 | 2816.1 | 2755.9 |
| 37.5° | 3388.8 | 3410.1 | 3386.6 | 3350.5 | 3313.8 | 3310.1 | 3293.9 | 3258.7 | 3216.8 | 3168.2 | 3071.9 |
| 35° | 3785.0 | 3840.1 | 3796.7 | 3739.4 | 3694.6 | 3677.7 | 3662.2 | 3580.6 | 3532.8 | 3454.2 | 3322.6 |
| 32.5° | 4079.7 | 4120.2 | 4066.5 | 4007.0 | 3952.6 | 3929.1 | 3874.7 | 3777.6 | 3751.9 | 3586.5 | 3465.9 |
| 30° | 4156.9 | 4154.0 | 4098.1 | 4052.5 | 3993.7 | 3977.6 | 3877.6 | 3795.3 | 3712.9 | 3560.0 | 3445.4 |
| 27.5° | 3973.2 | 3954.8 | 3901.1 | 3861.4 | 3803.4 | 3784.2 | 3685.7 | 3641.6 | 3514.5 | 3385.1 | 3288.1 |
| 25° | 3563.7 | 3573.3 | 3532.8 | 3513.0 | 3474.8 | 3433.6 | 3394.6 | 3335.1 | 3255.7 | 3142.5 | 3053.6 |
| 22.5° | 3241.0 | 3253.5 | 3236.6 | 3213.1 | 3183.7 | 3160.9 | 3131.5 | 3085.2 | 3008.7 | 2938.9 | 2855.1 |
| 20° | 3061.6 | 3058.0 | 3043.3 | 3025.6 | 2997.7 | 2981.5 | 2949.2 | 2910.2 | 2851.4 | 2791.1 | 2700.7 |
| 17.5° | 2967.6 | 2944.8 | 2930.8 | 2924.2 | 2909.5 | 2888.9 | 2850.7 | 2811.0 | 2765.4 | 2697.0 | 2630.9 |
| 15° | 2897.7 | 2901.4 | 2890.4 | 2885.2 | 2873.5 | 2844.8 | 2805.8 | 2773.5 | 2711.7 | 2677.2 | 2616.9 |
| 12.5° | 2893.3 | 2889.6 | 2890.4 | 2888.2 | 2873.5 | 2836.7 | 2816.9 | 2775.7 | 2736.0 | 2690.4 | 2621.3 |
| 10° | 2945.5 | 2906.5 | 2909.5 | 2919.8 | 2896.3 | 2866.8 | 2845.5 | 2800.7 | 2763.2 | 2705.1 | 2636.8 |
| 7.5° | 2942.6 | 2922.7 | 2928.6 | 2911.7 | 2919.0 | 2883.0 | 2853.6 | 2808.8 | 2761.7 | 2700.0 | 2638.2 |
| 5° | 2960.2 | 2930.1 | 2924.9 | 2926.4 | 2908.0 | 2880.8 | 2841.1 | 2798.5 | 2754.4 | 2685.3 | 2622.1 |
| 2.5° | 2919.8 | 2924.2 | 2900.7 | 2891.8 | 2889.6 | 2844.1 | 2807.3 | 2766.1 | 2720.6 | 2659.6 | 2603.0 |
| 0° | 2889.6 | 2897.7 | 2873.5 | 2861.0 | 2860.2 | 2821.3 | 2797.8 | 2750.7 | 2718.4 | 2667.6 | 2599.3 |
| -2.5° | 2873.5 | 2883.0 | 2886.0 | 2863.2 | 2841.1 | 2811.0 | 2771.3 | 2720.6 | 2667.6 | 2608.8 | 2550.0 |
| -5° | 2874.9 | 2855.8 | 2847.7 | 2855.1 | 2836.0 | 2805.8 | 2761.7 | 2716.9 | 2664.7 | 2601.5 | 2528.0 |
| -7.5° | 2816.9 | 2797.8 | 2796.3 | 2792.6 | 2788.2 | 2759.5 | 2722.8 | 2674.3 | 2621.3 | 2562.5 | 2494.2 |
| -10° | 2730.1 | 2716.2 | 2712.5 | 2708.8 | 2697.0 | 2680.1 | 2645.6 | 2601.5 | 2553.7 | 2494.9 | 2422.1 |
| -12.5° | 2633.8 | 2627.2 | 2613.2 | 2603.7 | 2591.9 | 2572.1 | 2539.0 | 2498.6 | 2450.8 | 2398.6 | 2336.1 |
| -15° | 2527.2 | 2514.7 | 2500.8 | 2492.7 | 2475.8 | 2452.3 | 2419.2 | 2381.7 | 2329.5 | 2278.0 | 2219.2 |
| -17.5° | 2398.6 | 2383.2 | 2367.7 | 2365.5 | 2353.8 | 2317.7 | 2286.9 | 2241.3 | 2195.7 | 2146.5 | 2089.1 |
| -20° | 2247.2 | 2225.9 | 2215.6 | 2209.7 | 2193.5 | 2167.0 | 2134.0 | 2092.1 | 2048.0 | 2000.9 | 1934.8 |



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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° | 2079.6 | 2061.2 | 2043.5 | 2032.5 | 2018.6 | 1998.0 | 1966.4 | 1929.6 | 1886.2 | 1833.3 | 1772.3 |
| -25° | 1889.2 | 1863.5 | 1852.4 | 1839.9 | 1832.6 | 1813.5 | 1782.6 | 1748.8 | 1703.9 | 1652.5 | 1594.4 |
| -27.5° | 1671.6 | 1651.0 | 1645.1 | 1627.5 | 1618.7 | 1598.8 | 1573.1 | 1541.5 | 1500.3 | 1451.8 | 1404.0 |
| -30° | 1431.2 | 1418.7 | 1409.2 | 1391.5 | 1384.9 | 1363.6 | 1346.7 | 1320.2 | 1282.7 | 1248.2 | 1210.0 |
| -32.5° | 1184.2 | 1171.7 | 1168.8 | 1160.7 | 1156.3 | 1142.3 | 1123.2 | 1104.1 | 1074.0 | 1048.2 | 1017.4 |
| -35° | 965.2 | 956.4 | 957.1 | 956.4 | 951.9 | 941.6 | 918.1 | 913.0 | 890.9 | 867.4 | 847.6 |
| -37.5° | 790.2 | 791.0 | 790.2 | 789.5 | 783.6 | 779.2 | 762.3 | 755.7 | 742.4 | 719.7 | 707.9 |
| -40° | 658.6 | 660.1 | 659.4 | 657.9 | 651.3 | 649.1 | 638.1 | 629.2 | 624.1 | 607.9 | 595.4 |
| -42.5° | 552.1 | 554.3 | 553.5 | 552.8 | 548.4 | 547.6 | 541.8 | 531.5 | 528.5 | 519.0 | 505.7 |
| -45° | 471.2 | 470.5 | 469.0 | 470.5 | 468.3 | 466.0 | 462.4 | 455.8 | 452.1 | 447.7 | 436.6 |
| -47.5° | 407.2 | 408.0 | 406.5 | 406.5 | 403.6 | 401.4 | 399.9 | 395.5 | 392.5 | 388.9 | 382.2 |
| -50° | 354.3 | 357.3 | 356.5 | 355.8 | 353.6 | 352.1 | 352.1 | 347.7 | 343.3 | 341.8 | 337.4 |
| -52.5° | 313.1 | 315.4 | 316.1 | 317.6 | 318.3 | 319.0 | 316.8 | 312.4 | 305.1 | 304.3 | 302.1 |
| -55° | 275.7 | 282.3 | 286.7 | 289.6 | 292.6 | 294.8 | 290.4 | 284.5 | 277.1 | 274.2 | 273.5 |
| -57.5° | 249.9 | 256.5 | 261.7 | 266.1 | 269.8 | 273.5 | 269.0 | 263.2 | 256.5 | 252.9 | 252.1 |
| -60° | 226.4 | 232.3 | 237.4 | 243.3 | 248.5 | 254.3 | 252.1 | 247.7 | 244.0 | 241.1 | 238.2 |
| -62.5° | 201.4 | 207.3 | 213.2 | 220.5 | 227.1 | 233.0 | 233.8 | 233.0 | 232.3 | 233.0 | 227.9 |
| -65° | 180.8 | 183.8 | 187.4 | 195.5 | 202.9 | 209.5 | 213.2 | 215.4 | 219.1 | 222.7 | 217.6 |
| -67.5° | 158.8 | 162.5 | 166.9 | 172.7 | 178.6 | 183.0 | 188.2 | 194.1 | 199.9 | 205.8 | 202.1 |
| -70° | 138.9 | 141.9 | 145.5 | 148.5 | 152.2 | 155.1 | 159.5 | 166.1 | 172.7 | 178.6 | 177.2 |
| -72.5° | 118.3 | 121.3 | 123.5 | 125.0 | 127.2 | 128.6 | 130.8 | 136.7 | 141.1 | 144.1 | 144.1 |
| -75° | 97.8 | 100.7 | 102.9 | 103.6 | 105.1 | 105.9 | 107.3 | 109.5 | 111.7 | 112.5 | 113.2 |
| -77.5° | 75.0 | 77.9 | 80.1 | 81.6 | 83.1 | 84.5 | 85.3 | 86.7 | 87.5 | 87.5 | 88.2 |
| -80° | 55.9 | 58.1 | 59.5 | 61.7 | 62.5 | 64.0 | 65.4 | 66.2 | 66.9 | 66.9 | 67.6 |
| -82.5° | 39.7 | 41.2 | 42.6 | 44.1 | 45.6 | 46.3 | 47.8 | 48.5 | 49.3 | 50.0 | 50.7 |
| -85° | 26.5 | 27.9 | 29.4 | 30.9 | 31.6 | 32.3 | 33.1 | 33.8 | 34.5 | 35.3 | 36.0 |
| -87.5° | 15.4 | 16.2 | 16.9 | 18.4 | 19.1 | 20.6 | 21.3 | 20.6 | 21.3 | 21.3 | 21.3 |
| -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° | 28.7 | 28.7 | 28.7 | 28.7 | 27.9 | 26.5 | 25.7 | 24.3 | 22.8 | 21.3 | 19.8 |
| 85° | 59.5 | 60.3 | 60.3 | 60.3 | 58.8 | 58.1 | 55.9 | 53.7 | 50.7 | 46.3 | 42.6 |
| 82.5° | 99.2 | 100.0 | 100.0 | 99.2 | 97.8 | 95.6 | 92.6 | 88.9 | 83.1 | 77.2 | 72.0 |
| 80° | 149.2 | 150.0 | 150.0 | 149.2 | 145.5 | 141.9 | 138.2 | 133.8 | 126.4 | 118.3 | 109.5 |
| 77.5° | 208.8 | 210.2 | 210.2 | 208.0 | 202.9 | 198.5 | 192.6 | 185.2 | 174.2 | 162.5 | 150.7 |
| 75° | 277.9 | 281.5 | 282.3 | 280.1 | 273.5 | 265.4 | 255.8 | 243.3 | 226.4 | 211.7 | 197.7 |
| 72.5° | 358.0 | 361.7 | 364.6 | 361.7 | 352.1 | 341.1 | 327.1 | 312.4 | 295.5 | 275.7 | 252.1 |
| 70° | 463.1 | 466.8 | 469.0 | 459.4 | 442.5 | 424.1 | 407.2 | 390.3 | 370.5 | 346.2 | 320.5 |
| 67.5° | 595.4 | 591.7 | 587.3 | 568.2 | 546.9 | 524.9 | 501.3 | 476.3 | 450.6 | 424.9 | 394.7 |
| 65° | 722.6 | 712.3 | 702.7 | 680.0 | 652.8 | 624.1 | 596.9 | 569.0 | 538.1 | 505.7 | 477.1 |
| 62.5° | 856.4 | 834.3 | 810.8 | 782.9 | 754.9 | 723.3 | 696.1 | 663.1 | 628.5 | 588.8 | 552.1 |
| 60° | 988.0 | 961.5 | 938.0 | 903.4 | 866.7 | 824.0 | 794.6 | 762.3 | 721.9 | 679.2 | 635.9 |
| 57.5° | 1115.1 | 1086.5 | 1060.7 | 1030.6 | 990.9 | 944.6 | 912.2 | 870.3 | 827.7 | 774.0 | 729.9 |
| 55° | 1250.4 | 1221.7 | 1201.1 | 1167.3 | 1124.0 | 1081.3 | 1046.0 | 1001.9 | 942.4 | 885.0 | 830.7 |
| 52.5° | 1405.5 | 1382.7 | 1360.7 | 1326.1 | 1273.9 | 1230.5 | 1191.6 | 1142.3 | 1079.8 | 1009.3 | 943.9 |
| 50° | 1579.0 | 1567.2 | 1543.7 | 1503.3 | 1443.7 | 1405.5 | 1354.0 | 1288.6 | 1221.7 | 1147.5 | 1065.9 |
| 47.5° | 1809.1 | 1789.9 | 1756.9 | 1712.8 | 1662.8 | 1605.4 | 1536.3 | 1459.9 | 1365.1 | 1282.7 | 1196.0 |
| 45° | 2084.0 | 2048.7 | 2006.1 | 1946.5 | 1884.8 | 1820.1 | 1744.4 | 1647.3 | 1520.2 | 1412.8 | 1321.7 |
| 42.5° | 2381.7 | 2333.9 | 2275.8 | 2197.9 | 2117.8 | 2038.4 | 1956.8 | 1824.5 | 1665.7 | 1542.2 | 1439.3 |
| 40° | 2692.6 | 2631.6 | 2558.8 | 2445.6 | 2356.7 | 2254.5 | 2161.2 | 1963.4 | 1794.4 | 1660.6 | 1551.0 |
| 37.5° | 2997.0 | 2919.8 | 2797.8 | 2660.3 | 2556.6 | 2472.8 | 2267.8 | 2056.0 | 1904.6 | 1757.6 | 1646.6 |
| 35° | 3230.0 | 3164.6 | 2949.2 | 2806.6 | 2717.6 | 2585.3 | 2328.8 | 2111.9 | 1951.7 | 1829.6 | 1656.9 |
| 32.5° | 3368.2 | 3199.1 | 3010.2 | 2866.1 | 2792.6 | 2575.8 | 2333.2 | 2128.1 | 1973.7 | 1837.0 | 1630.4 |
| 30° | 3337.3 | 3133.0 | 2967.6 | 2847.0 | 2687.5 | 2492.7 | 2292.0 | 2103.1 | 1953.1 | 1787.7 | 1601.0 |
| 27.5° | 3151.3 | 2993.3 | 2845.5 | 2719.8 | 2563.3 | 2388.3 | 2203.1 | 2036.9 | 1897.3 | 1737.0 | 1560.6 |
| 25° | 2941.1 | 2797.8 | 2688.2 | 2578.7 | 2430.2 | 2263.3 | 2100.2 | 1980.3 | 1839.9 | 1681.9 | 1507.7 |
| 22.5° | 2747.8 | 2644.9 | 2558.8 | 2444.2 | 2299.4 | 2153.8 | 2052.4 | 1928.1 | 1784.1 | 1623.8 | 1453.3 |
| 20° | 2624.3 | 2554.4 | 2455.9 | 2329.5 | 2215.6 | 2124.4 | 2011.9 | 1880.4 | 1731.9 | 1564.3 | 1407.0 |
| 17.5° | 2564.7 | 2483.9 | 2374.3 | 2292.0 | 2204.5 | 2104.6 | 1978.9 | 1839.2 | 1681.2 | 1537.1 | 1412.1 |
| 15° | 2533.9 | 2448.6 | 2376.5 | 2295.7 | 2197.2 | 2092.1 | 1952.4 | 1807.6 | 1681.2 | 1548.1 | 1415.8 |
| 12.5° | 2540.5 | 2467.0 | 2388.3 | 2300.1 | 2194.2 | 2081.8 | 1955.3 | 1820.8 | 1690.0 | 1556.2 | 1416.5 |
| 10° | 2561.1 | 2483.9 | 2400.1 | 2302.3 | 2195.7 | 2084.7 | 1963.4 | 1828.9 | 1694.4 | 1559.9 | 1415.0 |
| 7.5° | 2568.4 | 2484.6 | 2394.9 | 2296.4 | 2192.0 | 2083.2 | 1964.9 | 1831.1 | 1695.1 | 1559.1 | 1410.6 |
| 5° | 2545.6 | 2469.9 | 2383.2 | 2283.9 | 2181.7 | 2075.9 | 1959.0 | 1828.2 | 1689.2 | 1551.8 | 1399.6 |
| 2.5° | 2514.7 | 2453.7 | 2370.7 | 2275.1 | 2171.5 | 2065.6 | 1949.5 | 1814.9 | 1676.0 | 1538.5 | 1385.6 |
| 0° | 2509.6 | 2433.9 | 2350.1 | 2264.8 | 2154.5 | 2042.8 | 1927.4 | 1789.9 | 1651.7 | 1513.5 | 1361.4 |
| -2.5° | 2475.8 | 2395.7 | 2311.9 | 2219.2 | 2122.2 | 2009.7 | 1888.4 | 1753.9 | 1617.2 | 1481.2 | 1334.9 |
| -5° | 2450.1 | 2361.1 | 2272.2 | 2172.2 | 2074.4 | 1962.0 | 1836.3 | 1705.4 | 1571.6 | 1439.3 | 1298.2 |
| -7.5° | 2415.5 | 2324.4 | 2231.0 | 2126.6 | 2020.8 | 1906.1 | 1781.9 | 1651.0 | 1519.4 | 1387.8 | 1252.6 |
| -10° | 2345.7 | 2265.5 | 2178.1 | 2070.0 | 1958.3 | 1843.6 | 1720.1 | 1591.5 | 1459.9 | 1326.8 | 1190.8 |
| -12.5° | 2261.1 | 2176.6 | 2081.0 | 1981.8 | 1881.8 | 1775.2 | 1651.7 | 1525.3 | 1393.0 | 1259.2 | 1124.0 |
| -15° | 2151.6 | 2068.5 | 1970.8 | 1873.7 | 1777.4 | 1675.3 | 1566.5 | 1452.5 | 1318.0 | 1186.4 | 1051.2 |
| -17.5° | 2014.9 | 1937.0 | 1849.5 | 1756.9 | 1661.3 | 1558.4 | 1452.5 | 1356.2 | 1230.5 | 1107.0 | 973.3 |
| -20° | 1867.9 | 1795.1 | 1716.4 | 1629.0 | 1533.4 | 1432.7 | 1332.7 | 1232.0 | 1123.2 | 1014.4 | 890.2 |



REPORT NUMBER: P722162

CATALOG NUMBER: IFLD-S-SA2A-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° | 1715.0 | 1641.5 | 1562.1 | 1480.5 | 1392.3 | 1298.9 | 1206.3 | 1110.0 | 1014.4 | 915.9 | 810.8 |
| -25° | 1538.5 | 1473.9 | 1401.1 | 1321.7 | 1243.0 | 1161.4 | 1073.2 | 985.8 | 904.2 | 818.9 | 732.9 |
| -27.5° | 1354.0 | 1294.5 | 1228.3 | 1159.2 | 1091.6 | 1023.2 | 946.8 | 865.9 | 798.3 | 727.7 | 656.4 |
| -30° | 1160.0 | 1112.2 | 1058.5 | 998.3 | 946.1 | 890.9 | 827.0 | 760.1 | 698.3 | 644.7 | 587.3 |
| -32.5° | 976.2 | 935.8 | 897.5 | 857.8 | 806.4 | 763.8 | 719.7 | 670.4 | 616.0 | 565.3 | 524.1 |
| -35° | 818.2 | 774.8 | 758.6 | 729.2 | 692.5 | 655.0 | 622.6 | 587.3 | 546.2 | 501.3 | 467.5 |
| -37.5° | 685.1 | 659.4 | 636.6 | 620.4 | 596.2 | 566.0 | 540.3 | 514.6 | 483.0 | 449.1 | 415.3 |
| -40° | 581.5 | 563.8 | 538.8 | 530.7 | 515.3 | 494.7 | 468.3 | 448.4 | 427.1 | 401.4 | 372.7 |
| -42.5° | 498.4 | 485.2 | 469.0 | 455.0 | 448.4 | 433.7 | 413.1 | 394.0 | 377.1 | 359.5 | 337.4 |
| -45° | 430.0 | 421.2 | 410.9 | 398.4 | 393.3 | 381.5 | 366.8 | 345.5 | 335.9 | 321.2 | 305.1 |
| -47.5° | 374.9 | 370.5 | 363.1 | 355.0 | 347.7 | 338.9 | 325.6 | 312.4 | 299.2 | 289.6 | 277.1 |
| -50° | 331.5 | 328.6 | 324.2 | 317.6 | 308.0 | 302.1 | 293.3 | 281.5 | 269.0 | 261.0 | 252.1 |
| -52.5° | 297.0 | 294.0 | 291.1 | 285.9 | 278.6 | 272.7 | 265.4 | 255.8 | 245.5 | 237.4 | 230.1 |
| -55° | 270.5 | 266.1 | 263.9 | 259.5 | 253.6 | 247.0 | 240.4 | 233.8 | 224.9 | 217.6 | 210.2 |
| -57.5° | 249.9 | 244.0 | 241.1 | 237.4 | 231.6 | 224.9 | 219.8 | 213.2 | 207.3 | 199.2 | 192.6 |
| -60° | 233.8 | 227.1 | 221.3 | 217.6 | 212.4 | 205.8 | 200.7 | 195.5 | 189.7 | 183.0 | 175.0 |
| -62.5° | 220.5 | 212.4 | 204.4 | 199.9 | 194.8 | 188.9 | 183.8 | 178.6 | 172.7 | 166.1 | 158.8 |
| -65° | 208.0 | 198.5 | 188.2 | 183.8 | 178.6 | 172.7 | 166.1 | 162.5 | 157.3 | 151.4 | 144.1 |
| -67.5° | 192.6 | 182.3 | 173.5 | 168.3 | 163.2 | 158.0 | 152.2 | 148.5 | 143.3 | 136.0 | 128.6 |
| -70° | 169.8 | 163.2 | 157.3 | 152.9 | 148.5 | 144.1 | 138.2 | 132.3 | 126.4 | 119.8 | 113.2 |
| -72.5° | 141.1 | 138.9 | 138.2 | 136.0 | 130.8 | 125.7 | 119.8 | 113.9 | 108.8 | 103.6 | 98.5 |
| -75° | 113.9 | 115.4 | 116.9 | 116.1 | 111.0 | 105.9 | 100.7 | 95.6 | 91.9 | 87.5 | 83.1 |
| -77.5° | 90.4 | 91.9 | 93.4 | 93.4 | 89.7 | 86.7 | 83.1 | 79.4 | 76.4 | 72.8 | 68.4 |
| -80° | 69.8 | 72.0 | 74.2 | 75.7 | 72.8 | 70.6 | 67.6 | 64.7 | 61.7 | 58.8 | 55.9 |
| -82.5° | 52.9 | 55.1 | 57.3 | 58.8 | 56.6 | 55.1 | 52.9 | 50.7 | 48.5 | 45.6 | 43.4 |
| -85° | 38.2 | 39.7 | 41.2 | 41.9 | 40.4 | 39.0 | 37.5 | 36.0 | 34.5 | 32.3 | 30.9 |
| -87.5° | 22.1 | 22.8 | 23.5 | 24.3 | 22.8 | 21.3 | 20.6 | 19.1 | 18.4 | 16.9 | 16.2 |
| -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: P722162
 CATALOG NUMBER: IFLD-S-SA2A-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° | 18.4 | 16.9 | 15.4 | 14.7 | 13.2 | 11.0 | 9.6 | 8.1 | 6.6 | 5.1 | 4.4 |
| 85° | 39.0 | 35.3 | 30.9 | 28.7 | 25.7 | 22.8 | 19.8 | 16.9 | 14.0 | 11.0 | 8.1 |
| 82.5° | 66.9 | 62.5 | 58.1 | 52.9 | 46.3 | 38.2 | 30.1 | 25.0 | 20.6 | 16.2 | 12.5 |
| 80° | 100.7 | 92.6 | 85.3 | 78.7 | 71.3 | 61.0 | 50.0 | 39.7 | 27.9 | 21.3 | 16.2 |
| 77.5° | 139.7 | 130.1 | 119.8 | 108.8 | 97.0 | 83.1 | 70.6 | 57.3 | 43.4 | 29.4 | 20.6 |
| 75° | 183.8 | 171.3 | 157.3 | 141.9 | 126.4 | 108.1 | 90.4 | 75.0 | 58.8 | 41.2 | 25.0 |
| 72.5° | 233.0 | 217.6 | 200.7 | 180.1 | 155.8 | 134.5 | 113.2 | 92.6 | 73.5 | 52.2 | 33.8 |
| 70° | 296.2 | 272.0 | 247.0 | 224.9 | 194.1 | 160.2 | 135.3 | 111.7 | 87.5 | 64.0 | 42.6 |
| 67.5° | 363.9 | 334.5 | 304.3 | 272.0 | 233.0 | 193.3 | 157.3 | 130.8 | 102.2 | 75.0 | 50.7 |
| 65° | 437.4 | 400.6 | 362.4 | 326.4 | 272.7 | 225.7 | 185.2 | 149.2 | 116.1 | 85.3 | 58.8 |
| 62.5° | 513.1 | 469.7 | 425.6 | 378.6 | 316.8 | 258.8 | 211.7 | 169.8 | 129.4 | 94.8 | 66.2 |
| 60° | 594.0 | 543.2 | 489.6 | 430.8 | 358.7 | 294.8 | 236.7 | 191.1 | 143.3 | 104.4 | 74.2 |
| 57.5° | 679.2 | 624.1 | 560.9 | 481.5 | 402.1 | 329.3 | 265.4 | 210.2 | 155.8 | 113.2 | 80.1 |
| 55° | 771.8 | 708.6 | 639.5 | 534.4 | 444.7 | 363.9 | 294.0 | 229.3 | 169.1 | 120.6 | 86.0 |
| 52.5° | 871.8 | 798.3 | 710.8 | 590.3 | 489.6 | 399.2 | 320.5 | 246.3 | 181.6 | 128.6 | 91.2 |
| 50° | 983.5 | 890.9 | 773.3 | 641.7 | 528.5 | 432.2 | 347.0 | 264.6 | 191.9 | 137.5 | 95.6 |
| 47.5° | 1099.7 | 999.7 | 829.2 | 689.5 | 568.2 | 464.6 | 374.2 | 280.8 | 202.1 | 144.8 | 100.0 |
| 45° | 1221.0 | 1075.4 | 887.3 | 732.1 | 602.8 | 494.0 | 394.7 | 295.5 | 214.6 | 151.4 | 103.6 |
| 42.5° | 1340.8 | 1132.8 | 938.0 | 774.8 | 635.1 | 520.4 | 411.7 | 309.5 | 224.9 | 158.0 | 107.3 |
| 40° | 1397.4 | 1176.1 | 978.4 | 804.2 | 662.3 | 544.0 | 426.4 | 322.0 | 233.8 | 162.5 | 111.0 |
| 37.5° | 1420.9 | 1202.6 | 1004.9 | 832.1 | 683.6 | 556.5 | 438.8 | 333.0 | 241.1 | 166.9 | 113.9 |
| 35° | 1426.1 | 1212.2 | 1018.1 | 851.2 | 701.3 | 568.2 | 448.4 | 341.1 | 247.0 | 171.3 | 116.9 |
| 32.5° | 1416.5 | 1209.2 | 1021.8 | 857.8 | 712.3 | 577.0 | 455.0 | 347.0 | 251.4 | 175.7 | 119.8 |
| 30° | 1395.2 | 1193.8 | 1008.5 | 857.1 | 720.4 | 582.2 | 459.4 | 351.4 | 255.8 | 178.6 | 121.3 |
| 27.5° | 1360.7 | 1166.6 | 991.6 | 857.8 | 724.8 | 584.4 | 461.6 | 353.6 | 258.8 | 180.8 | 124.2 |
| 25° | 1318.0 | 1129.8 | 992.4 | 856.4 | 725.5 | 585.1 | 461.6 | 353.6 | 259.5 | 181.6 | 126.4 |
| 22.5° | 1268.8 | 1129.8 | 992.4 | 854.2 | 721.1 | 583.7 | 459.4 | 352.1 | 259.5 | 183.0 | 128.6 |
| 20° | 1271.7 | 1130.6 | 990.2 | 849.8 | 714.5 | 579.3 | 454.3 | 348.4 | 257.3 | 185.2 | 130.1 |
| 17.5° | 1273.9 | 1129.1 | 985.8 | 843.9 | 705.7 | 571.9 | 447.7 | 343.3 | 257.3 | 187.4 | 130.8 |
| 15° | 1273.9 | 1124.7 | 979.1 | 835.1 | 694.7 | 561.6 | 438.1 | 338.9 | 258.0 | 188.2 | 132.3 |
| 12.5° | 1271.7 | 1116.6 | 968.8 | 823.3 | 681.4 | 549.1 | 432.2 | 337.4 | 258.0 | 188.9 | 132.3 |
| 10° | 1267.3 | 1105.6 | 955.6 | 808.6 | 668.9 | 544.7 | 429.3 | 334.5 | 256.5 | 188.9 | 132.3 |
| 7.5° | 1259.2 | 1092.3 | 944.6 | 799.8 | 661.6 | 539.6 | 424.9 | 330.1 | 254.3 | 187.4 | 133.8 |
| 5° | 1246.7 | 1085.0 | 935.8 | 789.5 | 651.3 | 535.9 | 421.9 | 326.4 | 252.9 | 187.4 | 132.3 |
| 2.5° | 1230.5 | 1076.2 | 925.5 | 776.3 | 639.5 | 523.4 | 412.4 | 318.3 | 247.7 | 184.5 | 130.8 |
| 0° | 1204.1 | 1058.5 | 907.8 | 757.9 | 623.4 | 510.9 | 402.8 | 310.2 | 242.6 | 181.6 | 129.4 |
| -2.5° | 1179.8 | 1035.0 | 885.0 | 738.8 | 607.9 | 499.9 | 395.5 | 305.8 | 240.4 | 180.8 | 128.6 |
| -5° | 1146.0 | 1002.7 | 854.9 | 713.8 | 587.3 | 488.8 | 388.1 | 300.7 | 238.2 | 179.4 | 128.6 |
| -7.5° | 1108.5 | 968.8 | 823.3 | 688.0 | 566.8 | 469.7 | 374.2 | 292.6 | 233.0 | 176.4 | 127.9 |
| -10° | 1050.4 | 918.1 | 783.6 | 658.6 | 544.7 | 452.8 | 362.4 | 285.2 | 228.6 | 173.5 | 125.0 |
| -12.5° | 988.7 | 862.3 | 738.0 | 622.6 | 519.7 | 435.2 | 349.2 | 277.1 | 223.5 | 170.5 | 123.5 |
| -15° | 923.3 | 804.9 | 690.2 | 585.1 | 492.5 | 413.9 | 335.2 | 268.3 | 218.3 | 166.9 | 121.3 |
| -17.5° | 854.9 | 744.6 | 641.0 | 546.9 | 465.3 | 391.8 | 320.5 | 260.2 | 212.4 | 163.2 | 119.1 |
| -20° | 782.9 | 682.9 | 591.0 | 507.9 | 436.6 | 369.8 | 305.1 | 250.7 | 205.8 | 158.8 | 116.1 |



REPORT NUMBER: P722162
 CATALOG NUMBER: IFLD-S-SA2A-827-U-76

CANDELA DISTRIBUTION (continued):

| | 55° | 57.5° | 60° | 62.5° | 65° | 67.5° | 70° | 72.5° | 75° | 77.5° | 80° |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| -22.5° | 711.6 | 621.9 | 539.6 | 469.7 | 407.2 | 347.0 | 289.6 | 241.1 | 198.5 | 153.6 | 113.9 |
| -25° | 648.3 | 564.5 | 494.0 | 433.0 | 378.6 | 324.9 | 273.5 | 231.6 | 190.4 | 148.5 | 111.0 |
| -27.5° | 586.6 | 515.3 | 449.1 | 398.4 | 350.6 | 303.6 | 258.0 | 221.3 | 182.3 | 142.6 | 108.1 |
| -30° | 529.3 | 468.3 | 413.9 | 364.6 | 324.2 | 284.5 | 244.8 | 211.0 | 173.5 | 136.7 | 104.4 |
| -32.5° | 477.1 | 427.8 | 382.2 | 335.2 | 299.2 | 265.4 | 232.3 | 200.7 | 164.7 | 130.8 | 100.7 |
| -35° | 428.6 | 390.3 | 350.6 | 310.9 | 274.2 | 247.7 | 219.1 | 189.7 | 156.6 | 124.2 | 97.0 |
| -37.5° | 385.2 | 354.3 | 322.7 | 288.9 | 257.3 | 230.8 | 206.6 | 178.6 | 148.5 | 118.3 | 93.4 |
| -40° | 347.7 | 322.7 | 294.8 | 267.6 | 241.1 | 216.1 | 194.1 | 167.6 | 140.4 | 113.9 | 89.7 |
| -42.5° | 313.1 | 294.0 | 271.2 | 248.5 | 224.9 | 202.9 | 181.6 | 155.8 | 132.3 | 108.8 | 86.0 |
| -45° | 286.7 | 267.6 | 249.2 | 228.6 | 208.8 | 189.7 | 168.3 | 145.5 | 125.0 | 102.9 | 82.3 |
| -47.5° | 261.7 | 244.8 | 227.9 | 211.0 | 194.8 | 177.2 | 155.8 | 136.7 | 116.9 | 97.8 | 79.4 |
| -50° | 239.6 | 223.5 | 208.8 | 194.1 | 180.1 | 163.2 | 143.3 | 127.9 | 110.3 | 92.6 | 75.7 |
| -52.5° | 219.1 | 205.1 | 190.4 | 178.6 | 166.9 | 150.0 | 133.8 | 119.1 | 103.6 | 86.7 | 72.0 |
| -55° | 200.7 | 187.4 | 174.2 | 163.2 | 152.2 | 137.5 | 124.2 | 111.7 | 97.0 | 82.3 | 68.4 |
| -57.5° | 183.0 | 172.0 | 159.5 | 149.2 | 138.2 | 126.4 | 115.4 | 103.6 | 90.4 | 77.9 | 64.7 |
| -60° | 166.9 | 156.6 | 145.5 | 135.3 | 125.7 | 116.1 | 105.9 | 96.3 | 84.5 | 72.8 | 61.0 |
| -62.5° | 150.7 | 141.9 | 132.3 | 122.0 | 114.7 | 105.9 | 97.8 | 88.2 | 78.7 | 68.4 | 54.4 |
| -65° | 136.0 | 127.9 | 119.1 | 110.3 | 103.6 | 97.0 | 89.7 | 80.9 | 72.8 | 63.2 | 48.5 |
| -67.5° | 121.3 | 113.9 | 106.6 | 99.2 | 93.4 | 88.2 | 80.9 | 74.2 | 67.6 | 57.3 | 42.6 |
| -70° | 107.3 | 101.4 | 94.8 | 88.9 | 84.5 | 78.7 | 73.5 | 67.6 | 61.7 | 50.0 | 36.0 |
| -72.5° | 94.1 | 88.2 | 83.1 | 78.7 | 75.0 | 69.8 | 65.4 | 61.0 | 52.9 | 41.9 | 30.1 |
| -75° | 78.7 | 75.0 | 72.0 | 68.4 | 64.7 | 61.0 | 57.3 | 52.2 | 44.1 | 33.8 | 23.5 |
| -77.5° | 64.7 | 62.5 | 60.3 | 57.3 | 54.4 | 51.5 | 47.0 | 41.9 | 35.3 | 26.5 | 19.1 |
| -80° | 52.9 | 50.7 | 49.3 | 46.3 | 44.1 | 41.2 | 36.8 | 32.3 | 25.7 | 20.6 | 15.4 |
| -82.5° | 40.4 | 39.0 | 37.5 | 36.0 | 33.8 | 30.9 | 26.5 | 22.8 | 19.1 | 15.4 | 11.8 |
| -85° | 28.7 | 27.9 | 26.5 | 25.0 | 22.8 | 20.6 | 17.6 | 15.4 | 13.2 | 10.3 | 8.1 |
| -87.5° | 14.7 | 14.0 | 13.2 | 12.5 | 11.8 | 10.3 | 8.8 | 7.4 | 6.6 | 5.1 | 3.7 |
| -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: P722162
 CATALOG NUMBER: IFLD-S-SA2A-827-U-76

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|--------|-------|------|-------|-----|
| 90° | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.9 | 2.2 | 0.7 | 0.0 |
| 85° | 5.9 | 3.7 | 1.5 | 0.0 |
| 82.5° | 8.8 | 5.9 | 2.2 | 0.0 |
| 80° | 11.8 | 7.4 | 3.7 | 0.0 |
| 77.5° | 14.7 | 8.8 | 4.4 | 0.0 |
| 75° | 17.6 | 11.0 | 5.1 | 0.0 |
| 72.5° | 19.8 | 12.5 | 5.9 | 0.0 |
| 70° | 23.5 | 14.7 | 6.6 | 0.0 |
| 67.5° | 29.4 | 16.2 | 7.4 | 0.0 |
| 65° | 34.5 | 17.6 | 8.1 | 0.0 |
| 62.5° | 40.4 | 19.1 | 8.8 | 0.0 |
| 60° | 45.6 | 20.6 | 9.6 | 0.0 |
| 57.5° | 50.7 | 24.3 | 10.3 | 0.0 |
| 55° | 55.1 | 27.2 | 11.0 | 0.0 |
| 52.5° | 60.3 | 30.1 | 11.8 | 0.0 |
| 50° | 64.7 | 33.1 | 12.5 | 0.0 |
| 47.5° | 68.4 | 36.0 | 12.5 | 0.0 |
| 45° | 71.3 | 38.2 | 13.2 | 0.0 |
| 42.5° | 73.5 | 40.4 | 14.0 | 0.0 |
| 40° | 75.7 | 42.6 | 14.7 | 0.0 |
| 37.5° | 77.9 | 44.8 | 14.7 | 0.0 |
| 35° | 80.1 | 47.0 | 15.4 | 0.0 |
| 32.5° | 82.3 | 49.3 | 15.4 | 0.0 |
| 30° | 83.8 | 50.7 | 16.2 | 0.0 |
| 27.5° | 86.0 | 52.2 | 16.2 | 0.0 |
| 25° | 86.7 | 53.7 | 16.9 | 0.0 |
| 22.5° | 88.2 | 54.4 | 16.9 | 0.0 |
| 20° | 89.7 | 55.9 | 16.9 | 0.0 |
| 17.5° | 90.4 | 56.6 | 17.6 | 0.0 |
| 15° | 90.4 | 57.3 | 18.4 | 0.0 |
| 12.5° | 91.2 | 58.1 | 18.4 | 0.0 |
| 10° | 91.2 | 59.5 | 17.6 | 0.0 |
| 7.5° | 92.6 | 58.8 | 17.6 | 0.0 |
| 5° | 91.9 | 58.8 | 17.6 | 0.0 |
| 2.5° | 91.2 | 58.1 | 17.6 | 0.0 |
| 0° | 90.4 | 58.1 | 17.6 | 0.0 |
| -2.5° | 90.4 | 58.1 | 17.6 | 0.0 |
| -5° | 90.4 | 58.1 | 17.6 | 0.0 |
| -7.5° | 89.7 | 58.8 | 17.6 | 0.0 |
| -10° | 88.2 | 58.8 | 17.6 | 0.0 |
| -12.5° | 87.5 | 56.6 | 17.6 | 0.0 |
| -15° | 86.7 | 55.9 | 17.6 | 0.0 |
| -17.5° | 85.3 | 55.1 | 16.9 | 0.0 |
| -20° | 83.8 | 54.4 | 16.9 | 0.0 |



REPORT NUMBER: P722162

CATALOG NUMBER: IFLD-S-SA2A-827-U-76

CANDELA DISTRIBUTION (continued):

| | 82.5° | 85° | 87.5° | 90° |
|--------|-------|------|-------|-----|
| -22.5° | 82.3 | 52.9 | 16.9 | 0.0 |
| -25° | 80.9 | 51.5 | 16.2 | 0.0 |
| -27.5° | 79.4 | 50.0 | 16.2 | 0.0 |
| -30° | 77.2 | 48.5 | 15.4 | 0.0 |
| -32.5° | 75.0 | 47.0 | 15.4 | 0.0 |
| -35° | 73.5 | 44.8 | 14.7 | 0.0 |
| -37.5° | 71.3 | 42.6 | 14.7 | 0.0 |
| -40° | 69.1 | 40.4 | 14.0 | 0.0 |
| -42.5° | 66.9 | 38.2 | 13.2 | 0.0 |
| -45° | 64.0 | 36.0 | 13.2 | 0.0 |
| -47.5° | 61.7 | 33.8 | 12.5 | 0.0 |
| -50° | 58.1 | 30.9 | 11.8 | 0.0 |
| -52.5° | 53.7 | 27.9 | 11.0 | 0.0 |
| -55° | 49.3 | 25.7 | 10.3 | 0.0 |
| -57.5° | 44.8 | 22.8 | 10.3 | 0.0 |
| -60° | 40.4 | 19.8 | 9.6 | 0.0 |
| -62.5° | 36.0 | 18.4 | 8.8 | 0.0 |
| -65° | 31.6 | 16.9 | 8.1 | 0.0 |
| -67.5° | 26.5 | 14.7 | 7.4 | 0.0 |
| -70° | 22.1 | 13.2 | 6.6 | 0.0 |
| -72.5° | 19.1 | 11.8 | 5.9 | 0.0 |
| -75° | 16.2 | 10.3 | 5.1 | 0.0 |
| -77.5° | 14.0 | 8.8 | 4.4 | 0.0 |
| -80° | 11.0 | 6.6 | 2.9 | 0.0 |
| -82.5° | 8.1 | 5.1 | 2.2 | 0.0 |
| -85° | 5.1 | 3.7 | 1.5 | 0.0 |
| -87.5° | 2.9 | 1.5 | 0.7 | 0.0 |
| -90° | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)