

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: P722170

Luminaire Tested: **IFLD-S-SA3D-827-U-76**

Issue Date: 10/26/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P722170  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 10/26/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3D-827-U-76  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens  
Light Source: (48) 2700K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

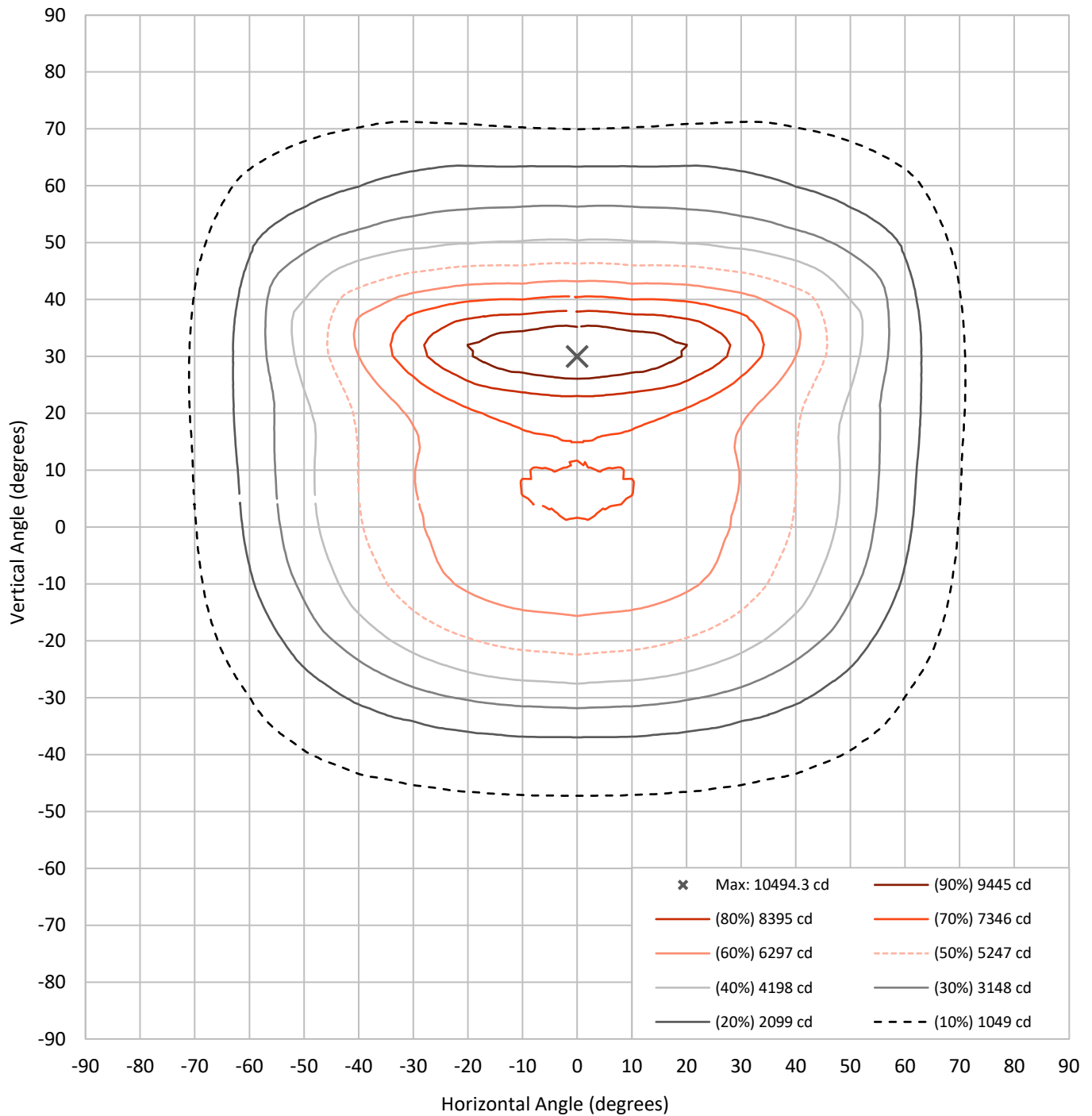
|                   |  |                      |                 |
|-------------------|--|----------------------|-----------------|
| Lumens per Lamp:  | N/A                                    | NEMA Type:           | 7H x 6V         |
| Luminaire Lumens: | 17517.6 lumens                         | Max Intensity:       | 10494.3 candela |
| Efficiency:       | N/A                                    | Max Intensity Angle: | 0°H x 30°V      |
| Efficacy:         | 95.2 lumens/watt                       |                      |                 |
| Luminous Opening: | Rectangular (W 1.5' 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:      | 10186.7 lumens                         | Field Lumens:        | 16416.3 lumens  |
| Beam Efficiency:  | 58.2%                                  | Field Efficiency:    | 93.7%           |

Input Watts (W): 184.1  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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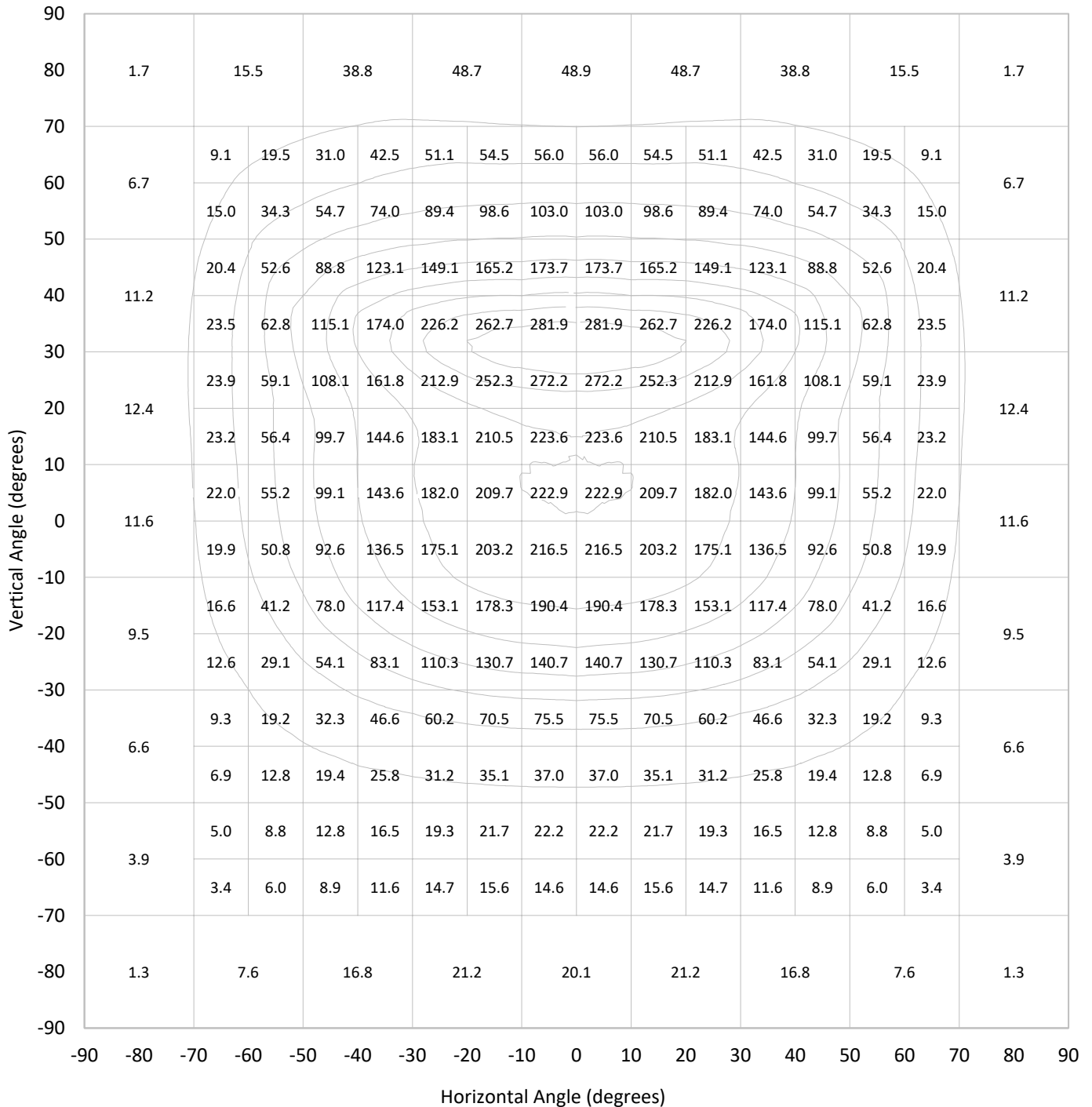
### Iso-Candela Plot





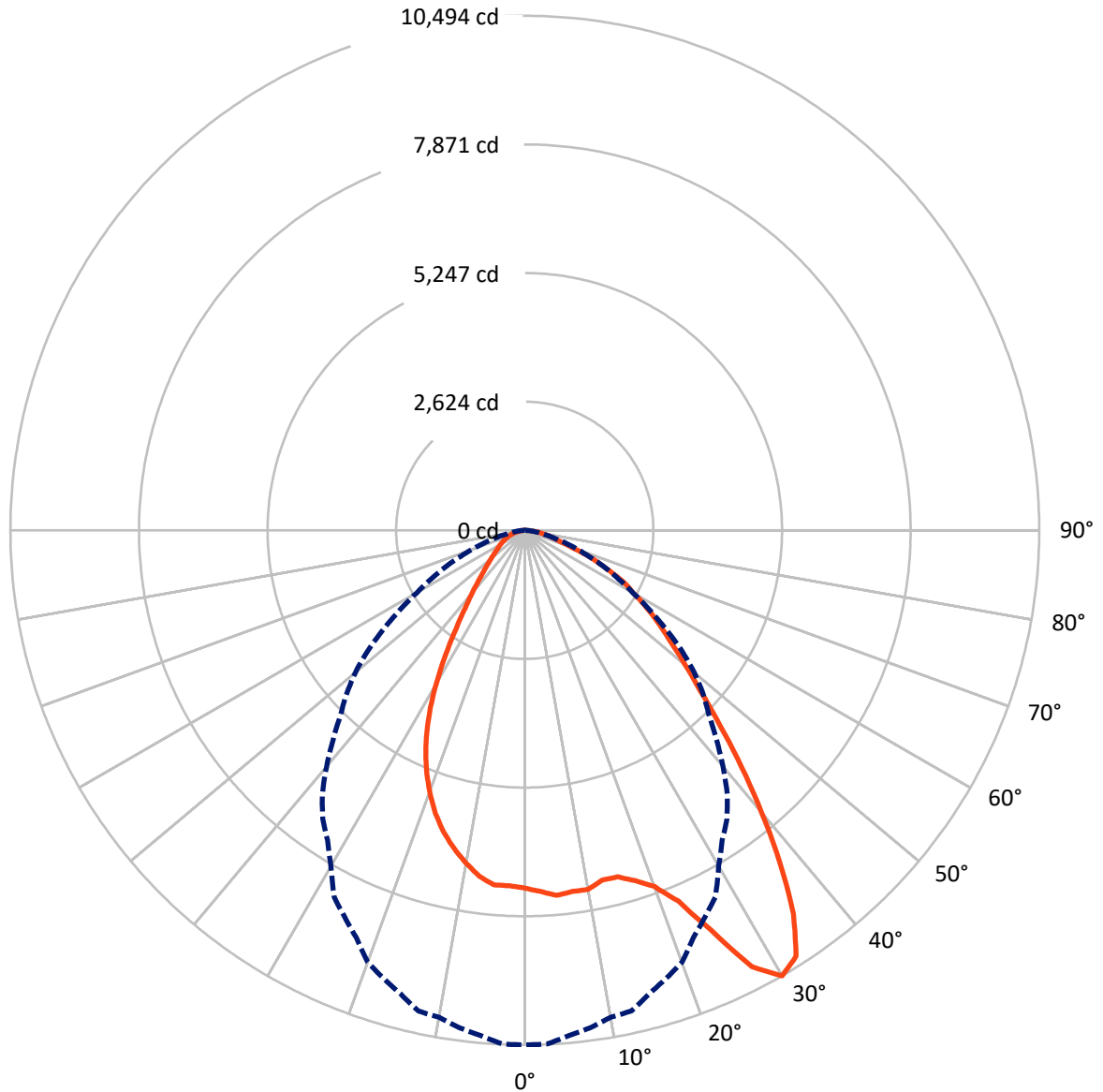
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### Lumen Table



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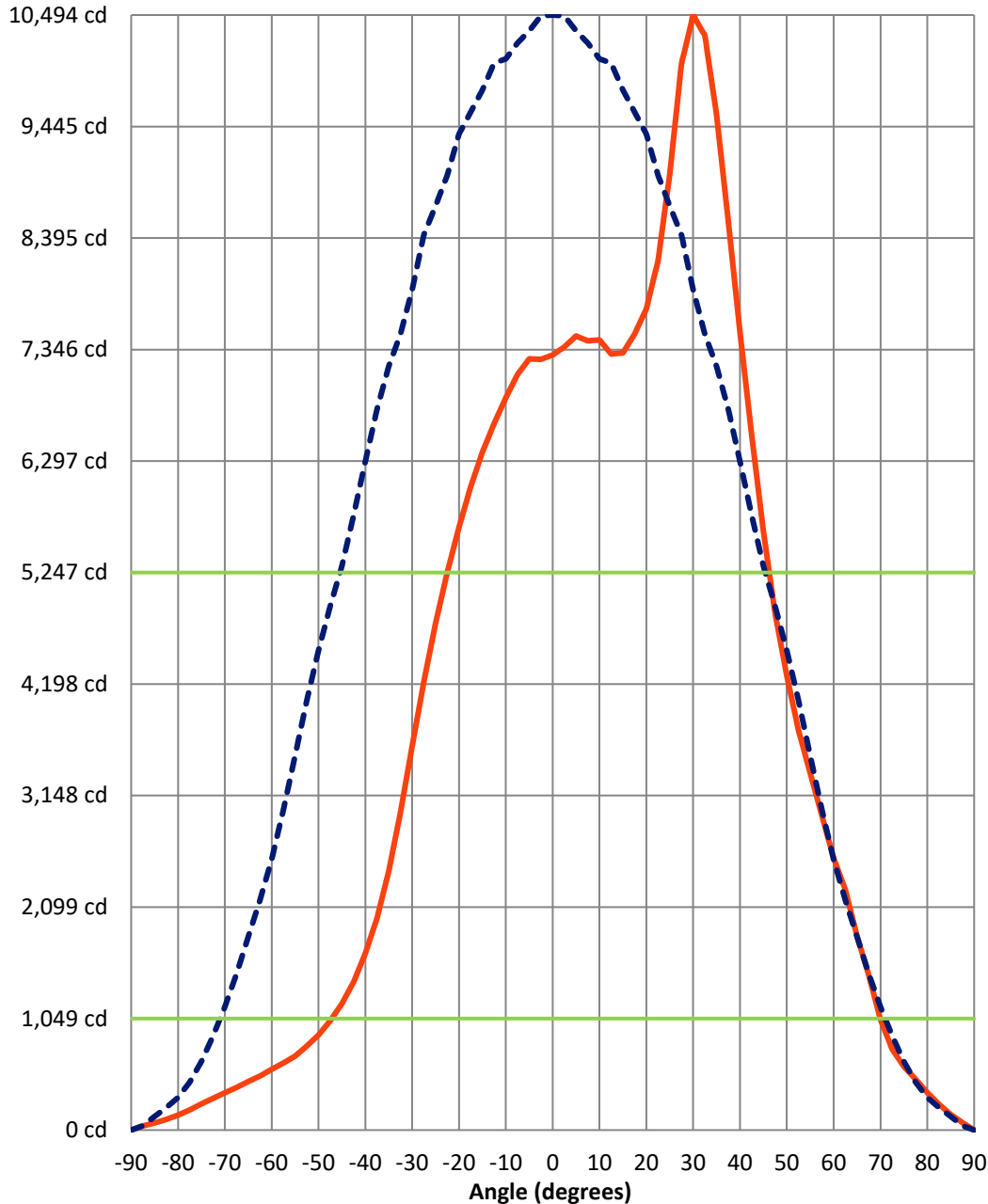
### Luminous Intensity Polar Plot



— 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: 10186.7  
 Efficiency: 58.2%

**Field:**  
 H Angle: 142°  
 V Angle: 117.1°  
 Lumens: 16416.3  
 Efficiency: 93.7%

**Spill:**  
 Lumens: 1101.3  
 Efficiency: 6.3%

— Vertical Distribution through 0-Deg  
 - - - Horizontal Distribution through 30-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°  | 70.5    | 72.4    | 74.2    | 74.2    | 72.4    | 72.4    | 72.4   | 70.5   | 72.4   | 72.4   | 72.4   |
| 85°    | 146.6   | 150.3   | 154.0   | 152.2   | 150.3   | 146.6   | 142.9  | 144.7  | 146.6  | 148.5  | 148.5  |
| 82.5°  | 243.1   | 248.7   | 252.4   | 250.5   | 246.8   | 243.1   | 239.4  | 241.2  | 245.0  | 246.8  | 246.8  |
| 80°    | 352.6   | 354.4   | 356.3   | 360.0   | 354.4   | 354.4   | 352.6  | 360.0  | 363.7  | 367.4  | 371.2  |
| 77.5°  | 478.8   | 480.6   | 480.6   | 482.5   | 484.4   | 486.2   | 486.2  | 499.2  | 508.5  | 514.0  | 519.6  |
| 75°    | 597.6   | 603.1   | 608.7   | 614.3   | 621.7   | 625.4   | 631.0  | 649.5  | 664.4  | 675.5  | 686.6  |
| 72.5°  | 760.9   | 768.3   | 777.6   | 790.6   | 803.5   | 812.8   | 825.8  | 848.1  | 864.8  | 875.9  | 888.9  |
| 70°    | 1041.1  | 1048.5  | 1057.8  | 1067.1  | 1080.0  | 1089.3  | 1102.3 | 1130.2 | 1146.9 | 1154.3 | 1161.7 |
| 67.5°  | 1456.8  | 1475.3  | 1492.0  | 1473.5  | 1464.2  | 1451.2  | 1454.9 | 1480.9 | 1497.6 | 1508.7 | 1506.9 |
| 65°    | 1826.1  | 1839.1  | 1839.1  | 1837.2  | 1829.8  | 1813.1  | 1822.4 | 1853.9 | 1872.5 | 1881.7 | 1853.9 |
| 62.5°  | 2260.3  | 2260.3  | 2251.0  | 2265.9  | 2267.7  | 2256.6  | 2251.0 | 2252.9 | 2254.7 | 2260.3 | 2213.9 |
| 60°    | 2560.9  | 2579.5  | 2585.1  | 2598.1  | 2601.8  | 2601.8  | 2611.0 | 2618.5 | 2618.5 | 2607.3 | 2553.5 |
| 57.5°  | 2958.1  | 2993.3  | 3000.8  | 2991.5  | 2972.9  | 2948.8  | 2945.1 | 2933.9 | 2911.7 | 2889.4 | 2863.4 |
| 55°    | 3358.9  | 3377.5  | 3375.6  | 3370.1  | 3351.5  | 3323.7  | 3327.4 | 3312.5 | 3277.3 | 3249.4 | 3214.2 |
| 52.5°  | 3761.6  | 3806.2  | 3813.6  | 3802.4  | 3776.5  | 3746.8  | 3748.6 | 3731.9 | 3696.7 | 3667.0 | 3618.7 |
| 50°    | 4275.7  | 4312.8  | 4309.1  | 4290.5  | 4253.4  | 4231.1  | 4233.0 | 4201.4 | 4160.6 | 4151.3 | 4088.2 |
| 47.5°  | 4863.9  | 4906.6  | 4899.2  | 4873.2  | 4823.1  | 4813.8  | 4823.1 | 4782.3 | 4758.2 | 4737.7 | 4663.5 |
| 45°    | 5635.9  | 5686.0  | 5658.2  | 5608.1  | 5528.3  | 5537.6  | 5550.6 | 5543.1 | 5491.2 | 5437.4 | 5342.7 |
| 42.5°  | 6541.5  | 6573.1  | 6539.7  | 6489.6  | 6389.4  | 6407.9  | 6400.5 | 6356.0 | 6324.4 | 6235.3 | 6114.7 |
| 40°    | 7510.2  | 7578.9  | 7526.9  | 7449.0  | 7345.1  | 7372.9  | 7352.5 | 7295.0 | 7220.7 | 7109.4 | 6957.2 |
| 37.5°  | 8555.0  | 8608.8  | 8549.5  | 8458.5  | 8365.7  | 8356.5  | 8315.6 | 8226.6 | 8120.8 | 7998.3 | 7755.2 |
| 35°    | 9555.3  | 9694.5  | 9585.0  | 9440.2  | 9327.0  | 9284.3  | 9245.4 | 9039.4 | 8918.8 | 8720.2 | 8388.0 |
| 32.5°  | 10299.4 | 10401.5 | 10266.0 | 10115.7 | 9978.4  | 9919.0  | 9781.7 | 9536.7 | 9471.8 | 9054.2 | 8749.9 |
| 30°    | 10494.3 | 10486.9 | 10345.8 | 10230.8 | 10082.3 | 10041.5 | 9789.1 | 9581.3 | 9373.4 | 8987.4 | 8697.9 |
| 27.5°  | 10030.4 | 9984.0  | 9848.5  | 9748.3  | 9601.7  | 9553.4  | 9304.8 | 9193.4 | 8872.4 | 8545.8 | 8300.8 |
| 25°    | 8996.7  | 9020.8  | 8918.8  | 8868.7  | 8772.2  | 8668.2  | 8569.9 | 8419.6 | 8219.1 | 7933.4 | 7708.8 |
| 22.5°  | 8182.0  | 8213.6  | 8170.9  | 8111.5  | 8037.3  | 7979.7  | 7905.5 | 7788.6 | 7595.6 | 7419.3 | 7207.8 |
| 20°    | 7729.2  | 7719.9  | 7682.8  | 7638.3  | 7567.8  | 7526.9  | 7445.3 | 7346.9 | 7198.5 | 7046.3 | 6818.0 |
| 17.5°  | 7491.7  | 7434.2  | 7398.9  | 7382.2  | 7345.1  | 7293.1  | 7196.6 | 7096.4 | 6981.4 | 6808.8 | 6641.7 |
| 15°    | 7315.4  | 7324.7  | 7296.8  | 7283.8  | 7254.1  | 7181.8  | 7083.4 | 7001.8 | 6845.9 | 6758.7 | 6606.5 |
| 12.5°  | 7304.3  | 7295.0  | 7296.8  | 7291.3  | 7254.1  | 7161.4  | 7111.3 | 7007.3 | 6907.1 | 6792.1 | 6617.6 |
| 10°    | 7436.0  | 7337.7  | 7345.1  | 7371.1  | 7311.7  | 7237.4  | 7183.6 | 7070.4 | 6975.8 | 6829.2 | 6656.6 |
| 7.5°   | 7428.6  | 7378.5  | 7393.3  | 7350.6  | 7369.2  | 7278.3  | 7204.0 | 7090.8 | 6972.1 | 6816.2 | 6660.3 |
| 5°     | 7473.1  | 7397.0  | 7384.1  | 7387.8  | 7341.4  | 7272.7  | 7172.5 | 7064.9 | 6953.5 | 6779.1 | 6619.5 |
| 2.5°   | 7371.1  | 7382.2  | 7322.8  | 7300.5  | 7295.0  | 7179.9  | 7087.1 | 6983.2 | 6868.2 | 6714.1 | 6571.2 |
| 0°     | 7295.0  | 7315.4  | 7254.1  | 7222.6  | 7220.7  | 7122.4  | 7063.0 | 6944.2 | 6862.6 | 6734.5 | 6562.0 |
| -2.5°  | 7254.1  | 7278.3  | 7285.7  | 7228.2  | 7172.5  | 7096.4  | 6996.2 | 6868.2 | 6734.5 | 6586.1 | 6437.6 |
| -5°    | 7257.9  | 7209.6  | 7189.2  | 7207.8  | 7159.5  | 7083.4  | 6972.1 | 6858.9 | 6727.1 | 6567.5 | 6381.9 |
| -7.5°  | 7111.3  | 7063.0  | 7059.3  | 7050.0  | 7038.9  | 6966.5  | 6873.7 | 6751.2 | 6617.6 | 6469.2 | 6296.6 |
| -10°   | 6892.3  | 6857.0  | 6847.7  | 6838.5  | 6808.8  | 6766.1  | 6678.9 | 6567.5 | 6446.9 | 6298.4 | 6114.7 |
| -12.5° | 6649.2  | 6632.5  | 6597.2  | 6573.1  | 6543.4  | 6493.3  | 6409.8 | 6307.7 | 6187.1 | 6055.3 | 5897.6 |
| -15°   | 6380.1  | 6348.5  | 6313.3  | 6292.9  | 6250.2  | 6190.8  | 6107.3 | 6012.6 | 5880.9 | 5751.0 | 5602.5 |
| -17.5° | 6055.3  | 6016.4  | 5977.4  | 5971.8  | 5942.1  | 5851.2  | 5773.3 | 5658.2 | 5543.1 | 5418.8 | 5274.1 |
| -20°   | 5673.0  | 5619.2  | 5593.2  | 5578.4  | 5537.6  | 5470.8  | 5387.3 | 5281.5 | 5170.1 | 5051.4 | 4884.3 |



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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° | 5249.9 | 5203.5 | 5159.0 | 5131.2 | 5095.9 | 5043.9 | 4964.1 | 4871.4 | 4761.9 | 4628.3 | 4474.2 |
| -25°   | 4769.3 | 4704.3 | 4676.5 | 4645.0 | 4626.4 | 4578.1 | 4500.2 | 4414.8 | 4301.6 | 4171.7 | 4025.1 |
| -27.5° | 4220.0 | 4168.0 | 4153.2 | 4108.6 | 4086.4 | 4036.3 | 3971.3 | 3891.5 | 3787.6 | 3665.1 | 3544.5 |
| -30°   | 3613.2 | 3581.6 | 3557.5 | 3512.9 | 3496.2 | 3442.4 | 3399.7 | 3332.9 | 3238.3 | 3151.1 | 3054.6 |
| -32.5° | 2989.6 | 2958.1 | 2950.7 | 2930.2 | 2919.1 | 2883.8 | 2835.6 | 2787.3 | 2711.3 | 2646.3 | 2568.4 |
| -35°   | 2436.6 | 2414.3 | 2416.2 | 2414.3 | 2403.2 | 2377.2 | 2317.8 | 2304.8 | 2249.2 | 2189.8 | 2139.7 |
| -37.5° | 1994.9 | 1996.8 | 1994.9 | 1993.1 | 1978.2 | 1967.1 | 1924.4 | 1907.7 | 1874.3 | 1816.8 | 1787.1 |
| -40°   | 1662.8 | 1666.5 | 1664.6 | 1660.9 | 1644.2 | 1638.6 | 1610.8 | 1588.5 | 1575.5 | 1534.7 | 1503.2 |
| -42.5° | 1393.7 | 1399.2 | 1397.4 | 1395.5 | 1384.4 | 1382.5 | 1367.7 | 1341.7 | 1334.3 | 1310.2 | 1276.8 |
| -45°   | 1189.5 | 1187.7 | 1184.0 | 1187.7 | 1182.1 | 1176.5 | 1167.3 | 1150.6 | 1141.3 | 1130.2 | 1102.3 |
| -47.5° | 1028.1 | 1029.9 | 1026.2 | 1026.2 | 1018.8 | 1013.2 | 1009.5 | 998.4  | 991.0  | 981.7  | 965.0  |
| -50°   | 894.5  | 901.9  | 900.0  | 898.2  | 892.6  | 888.9  | 888.9  | 877.8  | 866.6  | 862.9  | 851.8  |
| -52.5° | 790.6  | 796.1  | 798.0  | 801.7  | 803.5  | 805.4  | 799.8  | 788.7  | 770.1  | 768.3  | 762.7  |
| -55°   | 695.9  | 712.6  | 723.7  | 731.2  | 738.6  | 744.2  | 733.0  | 718.2  | 699.6  | 692.2  | 690.3  |
| -57.5° | 631.0  | 647.7  | 660.6  | 671.8  | 681.1  | 690.3  | 679.2  | 664.4  | 647.7  | 638.4  | 636.5  |
| -60°   | 571.6  | 586.4  | 599.4  | 614.3  | 627.2  | 642.1  | 636.5  | 625.4  | 616.1  | 608.7  | 601.3  |
| -62.5° | 508.5  | 523.3  | 538.2  | 556.7  | 573.4  | 588.3  | 590.1  | 588.3  | 586.4  | 588.3  | 575.3  |
| -65°   | 456.5  | 463.9  | 473.2  | 493.6  | 512.2  | 528.9  | 538.2  | 543.7  | 553.0  | 562.3  | 549.3  |
| -67.5° | 400.8  | 410.1  | 421.3  | 436.1  | 450.9  | 462.1  | 475.1  | 489.9  | 504.8  | 519.6  | 510.3  |
| -70°   | 350.7  | 358.2  | 367.4  | 374.9  | 384.1  | 391.6  | 402.7  | 419.4  | 436.1  | 450.9  | 447.2  |
| -72.5° | 298.8  | 306.2  | 311.8  | 315.5  | 321.0  | 324.8  | 330.3  | 345.2  | 356.3  | 363.7  | 363.7  |
| -75°   | 246.8  | 254.2  | 259.8  | 261.7  | 265.4  | 267.2  | 270.9  | 276.5  | 282.1  | 283.9  | 285.8  |
| -77.5° | 189.3  | 196.7  | 202.3  | 206.0  | 209.7  | 213.4  | 215.3  | 219.0  | 220.8  | 220.8  | 222.7  |
| -80°   | 141.0  | 146.6  | 150.3  | 155.9  | 157.7  | 161.5  | 165.2  | 167.0  | 168.9  | 168.9  | 170.7  |
| -82.5° | 100.2  | 103.9  | 107.6  | 111.3  | 115.1  | 116.9  | 120.6  | 122.5  | 124.3  | 126.2  | 128.0  |
| -85°   | 66.8   | 70.5   | 74.2   | 77.9   | 79.8   | 81.7   | 83.5   | 85.4   | 87.2   | 89.1   | 90.9   |
| -87.5° | 39.0   | 40.8   | 42.7   | 46.4   | 48.2   | 52.0   | 53.8   | 52.0   | 53.8   | 53.8   | 53.8   |
| -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°  | 72.4   | 72.4   | 72.4   | 72.4   | 70.5   | 66.8   | 65.0   | 61.2   | 57.5   | 53.8   | 50.1   |
| 85°    | 150.3  | 152.2  | 152.2  | 152.2  | 148.5  | 146.6  | 141.0  | 135.5  | 128.0  | 116.9  | 107.6  |
| 82.5°  | 250.5  | 252.4  | 252.4  | 250.5  | 246.8  | 241.2  | 233.8  | 224.5  | 209.7  | 194.9  | 181.9  |
| 80°    | 376.7  | 378.6  | 378.6  | 376.7  | 367.4  | 358.2  | 348.9  | 337.7  | 319.2  | 298.8  | 276.5  |
| 77.5°  | 527.0  | 530.7  | 530.7  | 525.2  | 512.2  | 501.1  | 486.2  | 467.7  | 439.8  | 410.1  | 380.4  |
| 75°    | 701.5  | 710.8  | 712.6  | 707.0  | 690.3  | 669.9  | 645.8  | 614.3  | 571.6  | 534.5  | 499.2  |
| 72.5°  | 903.8  | 913.0  | 920.5  | 913.0  | 888.9  | 861.1  | 825.8  | 788.7  | 746.0  | 695.9  | 636.5  |
| 70°    | 1169.1 | 1178.4 | 1184.0 | 1159.8 | 1117.2 | 1070.8 | 1028.1 | 985.4  | 935.3  | 874.1  | 809.1  |
| 67.5°  | 1503.2 | 1493.9 | 1482.7 | 1434.5 | 1380.7 | 1325.0 | 1265.6 | 1202.5 | 1137.6 | 1072.6 | 996.5  |
| 65°    | 1824.2 | 1798.2 | 1774.1 | 1716.6 | 1647.9 | 1575.5 | 1506.9 | 1436.4 | 1358.4 | 1276.8 | 1204.4 |
| 62.5°  | 2162.0 | 2106.3 | 2046.9 | 1976.4 | 1905.9 | 1826.1 | 1757.4 | 1673.9 | 1586.7 | 1486.5 | 1393.7 |
| 60°    | 2494.1 | 2427.3 | 2367.9 | 2280.7 | 2187.9 | 2080.3 | 2006.1 | 1924.4 | 1822.4 | 1714.7 | 1605.2 |
| 57.5°  | 2815.2 | 2742.8 | 2677.9 | 2601.8 | 2501.6 | 2384.6 | 2303.0 | 2197.2 | 2089.6 | 1954.1 | 1842.8 |
| 55°    | 3156.6 | 3084.3 | 3032.3 | 2946.9 | 2837.5 | 2729.8 | 2640.7 | 2529.4 | 2379.1 | 2234.3 | 2097.0 |
| 52.5°  | 3548.2 | 3490.7 | 3435.0 | 3347.8 | 3216.0 | 3106.5 | 3008.2 | 2883.8 | 2726.1 | 2548.0 | 2382.8 |
| 50°    | 3986.2 | 3956.5 | 3897.1 | 3795.0 | 3644.7 | 3548.2 | 3418.3 | 3253.1 | 3084.3 | 2896.8 | 2690.8 |
| 47.5°  | 4567.0 | 4518.8 | 4435.3 | 4323.9 | 4197.7 | 4053.0 | 3878.5 | 3685.5 | 3446.1 | 3238.3 | 3019.3 |
| 45°    | 5261.1 | 5172.0 | 5064.4 | 4914.0 | 4758.2 | 4594.9 | 4403.7 | 4158.7 | 3837.7 | 3566.8 | 3336.6 |
| 42.5°  | 6012.6 | 5892.0 | 5745.4 | 5548.7 | 5346.4 | 5146.0 | 4940.0 | 4606.0 | 4205.1 | 3893.4 | 3633.6 |
| 40°    | 6797.6 | 6643.6 | 6459.9 | 6174.1 | 5949.6 | 5691.6 | 5455.9 | 4956.7 | 4529.9 | 4192.2 | 3915.6 |
| 37.5°  | 7565.9 | 7371.1 | 7063.0 | 6716.0 | 6454.3 | 6242.8 | 5725.0 | 5190.5 | 4808.3 | 4437.1 | 4156.9 |
| 35°    | 8154.2 | 7989.0 | 7445.3 | 7085.3 | 6860.7 | 6526.7 | 5879.0 | 5331.6 | 4927.0 | 4619.0 | 4182.9 |
| 32.5°  | 8503.1 | 8076.2 | 7599.3 | 7235.6 | 7050.0 | 6502.6 | 5890.2 | 5372.4 | 4982.7 | 4637.5 | 4116.1 |
| 30°    | 8425.1 | 7909.2 | 7491.7 | 7187.3 | 6784.6 | 6292.9 | 5786.2 | 5309.3 | 4930.7 | 4513.2 | 4041.8 |
| 27.5°  | 7955.6 | 7556.6 | 7183.6 | 6866.3 | 6471.0 | 6029.3 | 5561.7 | 5142.3 | 4789.7 | 4385.2 | 3939.8 |
| 25°    | 7424.9 | 7063.0 | 6786.5 | 6510.0 | 6135.1 | 5713.9 | 5301.9 | 4999.4 | 4645.0 | 4246.0 | 3806.2 |
| 22.5°  | 6936.8 | 6677.0 | 6459.9 | 6170.4 | 5804.8 | 5437.4 | 5181.3 | 4867.6 | 4503.9 | 4099.4 | 3668.8 |
| 20°    | 6625.0 | 6448.8 | 6200.1 | 5880.9 | 5593.2 | 5363.1 | 5079.2 | 4747.0 | 4372.2 | 3949.0 | 3551.9 |
| 17.5°  | 6474.7 | 6270.6 | 5994.1 | 5786.2 | 5565.4 | 5313.0 | 4995.7 | 4643.1 | 4244.1 | 3880.4 | 3564.9 |
| 15°    | 6396.8 | 6181.5 | 5999.7 | 5795.5 | 5546.9 | 5281.5 | 4928.9 | 4563.3 | 4244.1 | 3908.2 | 3574.2 |
| 12.5°  | 6413.5 | 6227.9 | 6029.3 | 5806.7 | 5539.4 | 5255.5 | 4936.3 | 4596.7 | 4266.4 | 3928.6 | 3576.0 |
| 10°    | 6465.5 | 6270.6 | 6059.0 | 5812.2 | 5543.1 | 5262.9 | 4956.7 | 4617.1 | 4277.5 | 3937.9 | 3572.3 |
| 7.5°   | 6484.0 | 6272.5 | 6046.1 | 5797.4 | 5533.9 | 5259.2 | 4960.4 | 4622.7 | 4279.4 | 3936.1 | 3561.2 |
| 5°     | 6426.5 | 6235.3 | 6016.4 | 5765.8 | 5507.9 | 5240.7 | 4945.6 | 4615.3 | 4264.5 | 3917.5 | 3533.4 |
| 2.5°   | 6348.5 | 6194.5 | 5984.8 | 5743.6 | 5481.9 | 5214.7 | 4921.5 | 4581.9 | 4231.1 | 3884.1 | 3498.1 |
| 0°     | 6335.5 | 6144.4 | 5932.9 | 5717.6 | 5439.2 | 5157.1 | 4865.8 | 4518.8 | 4169.9 | 3821.0 | 3436.9 |
| -2.5°  | 6250.2 | 6047.9 | 5836.4 | 5602.5 | 5357.6 | 5073.6 | 4767.4 | 4427.8 | 4082.7 | 3739.3 | 3370.1 |
| -5°    | 6185.2 | 5960.7 | 5736.1 | 5483.8 | 5236.9 | 4953.0 | 4635.7 | 4305.4 | 3967.6 | 3633.6 | 3277.3 |
| -7.5°  | 6098.0 | 5867.9 | 5632.2 | 5368.7 | 5101.5 | 4812.0 | 4498.4 | 4168.0 | 3835.8 | 3503.7 | 3162.2 |
| -10°   | 5921.7 | 5719.4 | 5498.6 | 5225.8 | 4943.7 | 4654.2 | 4342.5 | 4017.7 | 3685.5 | 3349.6 | 3006.3 |
| -12.5° | 5708.3 | 5494.9 | 5253.6 | 5003.1 | 4750.7 | 4481.6 | 4169.9 | 3850.7 | 3516.7 | 3178.9 | 2837.5 |
| -15°   | 5431.8 | 5222.1 | 4975.3 | 4730.3 | 4487.2 | 4229.3 | 3954.6 | 3667.0 | 3327.4 | 2995.2 | 2653.7 |
| -17.5° | 5086.6 | 4889.9 | 4669.1 | 4435.3 | 4194.0 | 3934.2 | 3667.0 | 3423.9 | 3106.5 | 2794.8 | 2457.0 |
| -20°   | 4715.5 | 4531.8 | 4333.2 | 4112.4 | 3871.1 | 3616.9 | 3364.5 | 3110.2 | 2835.6 | 2560.9 | 2247.3 |



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CATALOG NUMBER: IFLD-S-SA3D-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° | 4329.5 | 4143.9 | 3943.5 | 3737.5 | 3514.8 | 3279.1 | 3045.3 | 2802.2 | 2560.9 | 2312.3 | 2046.9 |
| -25°   | 3884.1 | 3720.8 | 3537.1 | 3336.6 | 3138.1 | 2932.1 | 2709.4 | 2488.6 | 2282.6 | 2067.3 | 1850.2 |
| -27.5° | 3418.3 | 3268.0 | 3101.0 | 2926.5 | 2755.8 | 2583.2 | 2390.2 | 2186.1 | 2015.4 | 1837.2 | 1657.2 |
| -30°   | 2928.4 | 2807.8 | 2672.3 | 2520.1 | 2388.4 | 2249.2 | 2087.7 | 1918.9 | 1763.0 | 1627.5 | 1482.7 |
| -32.5° | 2464.4 | 2362.4 | 2265.9 | 2165.7 | 2035.8 | 1928.1 | 1816.8 | 1692.4 | 1555.1 | 1427.1 | 1323.2 |
| -35°   | 2065.5 | 1956.0 | 1915.1 | 1840.9 | 1748.1 | 1653.5 | 1571.8 | 1482.7 | 1378.8 | 1265.6 | 1180.3 |
| -37.5° | 1729.6 | 1664.6 | 1607.1 | 1566.3 | 1505.0 | 1428.9 | 1364.0 | 1299.0 | 1219.2 | 1133.9 | 1048.5 |
| -40°   | 1467.9 | 1423.4 | 1360.3 | 1339.9 | 1300.9 | 1248.9 | 1182.1 | 1132.0 | 1078.2 | 1013.2 | 940.9  |
| -42.5° | 1258.2 | 1224.8 | 1184.0 | 1148.7 | 1132.0 | 1094.9 | 1042.9 | 994.7  | 952.0  | 907.5  | 851.8  |
| -45°   | 1085.6 | 1063.3 | 1037.4 | 1005.8 | 992.8  | 963.1  | 926.0  | 872.2  | 848.1  | 811.0  | 770.1  |
| -47.5° | 946.4  | 935.3  | 916.7  | 896.3  | 877.8  | 855.5  | 822.1  | 788.7  | 755.3  | 731.2  | 699.6  |
| -50°   | 836.9  | 829.5  | 818.4  | 801.7  | 777.6  | 762.7  | 740.4  | 710.8  | 679.2  | 658.8  | 636.5  |
| -52.5° | 749.7  | 742.3  | 734.9  | 721.9  | 703.3  | 688.5  | 669.9  | 645.8  | 619.8  | 599.4  | 580.9  |
| -55°   | 682.9  | 671.8  | 666.2  | 655.1  | 640.2  | 623.5  | 606.8  | 590.1  | 567.9  | 549.3  | 530.7  |
| -57.5° | 631.0  | 616.1  | 608.7  | 599.4  | 584.6  | 567.9  | 554.9  | 538.2  | 523.3  | 502.9  | 486.2  |
| -60°   | 590.1  | 573.4  | 558.6  | 549.3  | 536.3  | 519.6  | 506.6  | 493.6  | 478.8  | 462.1  | 441.7  |
| -62.5° | 556.7  | 536.3  | 515.9  | 504.8  | 491.8  | 476.9  | 463.9  | 450.9  | 436.1  | 419.4  | 400.8  |
| -65°   | 525.2  | 501.1  | 475.1  | 463.9  | 450.9  | 436.1  | 419.4  | 410.1  | 397.1  | 382.3  | 363.7  |
| -67.5° | 486.2  | 460.2  | 438.0  | 425.0  | 412.0  | 399.0  | 384.1  | 374.9  | 361.9  | 343.3  | 324.8  |
| -70°   | 428.7  | 412.0  | 397.1  | 386.0  | 374.9  | 363.7  | 348.9  | 334.0  | 319.2  | 302.5  | 285.8  |
| -72.5° | 356.3  | 350.7  | 348.9  | 343.3  | 330.3  | 317.3  | 302.5  | 287.6  | 274.7  | 261.7  | 248.7  |
| -75°   | 287.6  | 291.4  | 295.1  | 293.2  | 280.2  | 267.2  | 254.2  | 241.2  | 232.0  | 220.8  | 209.7  |
| -77.5° | 228.3  | 232.0  | 235.7  | 235.7  | 226.4  | 219.0  | 209.7  | 200.4  | 193.0  | 183.7  | 172.6  |
| -80°   | 176.3  | 181.9  | 187.4  | 191.1  | 183.7  | 178.2  | 170.7  | 163.3  | 155.9  | 148.5  | 141.0  |
| -82.5° | 133.6  | 139.2  | 144.7  | 148.5  | 142.9  | 139.2  | 133.6  | 128.0  | 122.5  | 115.1  | 109.5  |
| -85°   | 96.5   | 100.2  | 103.9  | 105.8  | 102.1  | 98.4   | 94.6   | 90.9   | 87.2   | 81.7   | 77.9   |
| -87.5° | 55.7   | 57.5   | 59.4   | 61.2   | 57.5   | 53.8   | 52.0   | 48.2   | 46.4   | 42.7   | 40.8   |
| -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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 CATALOG NUMBER: IFLD-S-SA3D-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°  | 46.4   | 42.7   | 39.0   | 37.1   | 33.4   | 27.8   | 24.1   | 20.4  | 16.7  | 13.0  | 11.1  |
| 85°    | 98.4   | 89.1   | 77.9   | 72.4   | 65.0   | 57.5   | 50.1   | 42.7  | 35.3  | 27.8  | 20.4  |
| 82.5°  | 168.9  | 157.7  | 146.6  | 133.6  | 116.9  | 96.5   | 76.1   | 63.1  | 52.0  | 40.8  | 31.5  |
| 80°    | 254.2  | 233.8  | 215.3  | 198.6  | 180.0  | 154.0  | 126.2  | 100.2 | 70.5  | 53.8  | 40.8  |
| 77.5°  | 352.6  | 328.5  | 302.5  | 274.7  | 245.0  | 209.7  | 178.2  | 144.7 | 109.5 | 74.2  | 52.0  |
| 75°    | 463.9  | 432.4  | 397.1  | 358.2  | 319.2  | 272.8  | 228.3  | 189.3 | 148.5 | 103.9 | 63.1  |
| 72.5°  | 588.3  | 549.3  | 506.6  | 454.7  | 393.4  | 339.6  | 285.8  | 233.8 | 185.6 | 131.8 | 85.4  |
| 70°    | 747.9  | 686.6  | 623.5  | 567.9  | 489.9  | 404.6  | 341.5  | 282.1 | 220.8 | 161.5 | 107.6 |
| 67.5°  | 918.6  | 844.4  | 768.3  | 686.6  | 588.3  | 488.1  | 397.1  | 330.3 | 258.0 | 189.3 | 128.0 |
| 65°    | 1104.2 | 1011.4 | 914.9  | 824.0  | 688.5  | 569.7  | 467.7  | 376.7 | 293.2 | 215.3 | 148.5 |
| 62.5°  | 1295.3 | 1185.8 | 1074.5 | 955.7  | 799.8  | 653.2  | 534.5  | 428.7 | 326.6 | 239.4 | 167.0 |
| 60°    | 1499.5 | 1371.4 | 1235.9 | 1087.5 | 905.6  | 744.2  | 597.6  | 482.5 | 361.9 | 263.5 | 187.4 |
| 57.5°  | 1714.7 | 1575.5 | 1415.9 | 1215.5 | 1015.1 | 831.4  | 669.9  | 530.7 | 393.4 | 285.8 | 202.3 |
| 55°    | 1948.5 | 1788.9 | 1614.5 | 1349.1 | 1122.7 | 918.6  | 742.3  | 579.0 | 426.8 | 304.3 | 217.1 |
| 52.5°  | 2200.9 | 2015.4 | 1794.5 | 1490.2 | 1235.9 | 1007.7 | 809.1  | 621.7 | 458.4 | 324.8 | 230.1 |
| 50°    | 2483.0 | 2249.2 | 1952.3 | 1620.1 | 1334.3 | 1091.2 | 875.9  | 668.1 | 484.4 | 347.0 | 241.2 |
| 47.5°  | 2776.2 | 2523.8 | 2093.3 | 1740.7 | 1434.5 | 1172.8 | 944.6  | 708.9 | 510.3 | 365.6 | 252.4 |
| 45°    | 3082.4 | 2715.0 | 2239.9 | 1848.3 | 1521.7 | 1247.1 | 996.5  | 746.0 | 541.9 | 382.3 | 261.7 |
| 42.5°  | 3384.9 | 2859.7 | 2367.9 | 1956.0 | 1603.4 | 1313.9 | 1039.2 | 781.3 | 567.9 | 399.0 | 270.9 |
| 40°    | 3527.8 | 2969.2 | 2470.0 | 2030.2 | 1672.0 | 1373.3 | 1076.3 | 812.8 | 590.1 | 410.1 | 280.2 |
| 37.5°  | 3587.2 | 3036.0 | 2536.8 | 2100.7 | 1725.9 | 1404.8 | 1107.9 | 840.7 | 608.7 | 421.3 | 287.6 |
| 35°    | 3600.2 | 3060.1 | 2570.2 | 2149.0 | 1770.4 | 1434.5 | 1132.0 | 861.1 | 623.5 | 432.4 | 295.1 |
| 32.5°  | 3576.0 | 3052.7 | 2579.5 | 2165.7 | 1798.2 | 1456.8 | 1148.7 | 875.9 | 634.7 | 443.5 | 302.5 |
| 30°    | 3522.2 | 3013.7 | 2546.1 | 2163.8 | 1818.6 | 1469.8 | 1159.8 | 887.1 | 645.8 | 450.9 | 306.2 |
| 27.5°  | 3435.0 | 2945.1 | 2503.4 | 2165.7 | 1829.8 | 1475.3 | 1165.4 | 892.6 | 653.2 | 456.5 | 313.6 |
| 25°    | 3327.4 | 2852.3 | 2505.3 | 2162.0 | 1831.6 | 1477.2 | 1165.4 | 892.6 | 655.1 | 458.4 | 319.2 |
| 22.5°  | 3203.0 | 2852.3 | 2505.3 | 2156.4 | 1820.5 | 1473.5 | 1159.8 | 888.9 | 655.1 | 462.1 | 324.8 |
| 20°    | 3210.5 | 2854.2 | 2499.7 | 2145.3 | 1803.8 | 1462.3 | 1146.9 | 879.6 | 649.5 | 467.7 | 328.5 |
| 17.5°  | 3216.0 | 2850.4 | 2488.6 | 2130.4 | 1781.5 | 1443.8 | 1130.2 | 866.6 | 649.5 | 473.2 | 330.3 |
| 15°    | 3216.0 | 2839.3 | 2471.9 | 2108.1 | 1753.7 | 1417.8 | 1106.0 | 855.5 | 651.4 | 475.1 | 334.0 |
| 12.5°  | 3210.5 | 2818.9 | 2445.9 | 2078.4 | 1720.3 | 1386.2 | 1091.2 | 851.8 | 651.4 | 476.9 | 334.0 |
| 10°    | 3199.3 | 2791.1 | 2412.5 | 2041.3 | 1688.7 | 1375.1 | 1083.8 | 844.4 | 647.7 | 476.9 | 334.0 |
| 7.5°   | 3178.9 | 2757.7 | 2384.6 | 2019.1 | 1670.2 | 1362.1 | 1072.6 | 833.2 | 642.1 | 473.2 | 337.7 |
| 5°     | 3147.4 | 2739.1 | 2362.4 | 1993.1 | 1644.2 | 1352.8 | 1065.2 | 824.0 | 638.4 | 473.2 | 334.0 |
| 2.5°   | 3106.5 | 2716.8 | 2336.4 | 1959.7 | 1614.5 | 1321.3 | 1041.1 | 803.5 | 625.4 | 465.8 | 330.3 |
| 0°     | 3039.7 | 2672.3 | 2291.9 | 1913.3 | 1573.7 | 1289.8 | 1017.0 | 783.1 | 612.4 | 458.4 | 326.6 |
| -2.5°  | 2978.5 | 2612.9 | 2234.3 | 1865.0 | 1534.7 | 1261.9 | 998.4  | 772.0 | 606.8 | 456.5 | 324.8 |
| -5°    | 2893.1 | 2531.3 | 2158.2 | 1801.9 | 1482.7 | 1234.1 | 979.8  | 759.0 | 601.3 | 452.8 | 324.8 |
| -7.5°  | 2798.5 | 2445.9 | 2078.4 | 1737.0 | 1430.8 | 1185.8 | 944.6  | 738.6 | 588.3 | 445.4 | 322.9 |
| -10°   | 2651.9 | 2317.8 | 1978.2 | 1662.8 | 1375.1 | 1143.1 | 914.9  | 720.0 | 577.1 | 438.0 | 315.5 |
| -12.5° | 2496.0 | 2176.8 | 1863.2 | 1571.8 | 1312.0 | 1098.6 | 881.5  | 699.6 | 564.1 | 430.5 | 311.8 |
| -15°   | 2330.8 | 2032.1 | 1742.6 | 1477.2 | 1243.4 | 1044.8 | 846.2  | 677.4 | 551.2 | 421.3 | 306.2 |
| -17.5° | 2158.2 | 1879.9 | 1618.2 | 1380.7 | 1174.7 | 989.1  | 809.1  | 656.9 | 536.3 | 412.0 | 300.6 |
| -20°   | 1976.4 | 1724.0 | 1492.0 | 1282.3 | 1102.3 | 933.4  | 770.1  | 632.8 | 519.6 | 400.8 | 293.2 |



REPORT NUMBER: P722170  
 CATALOG NUMBER: IFLD-S-SA3D-827-U-76

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 57.5°  | 60°    | 62.5°  | 65°    | 67.5° | 70°   | 72.5° | 75°   | 77.5° | 80°   |
|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|
| -22.5° | 1796.4 | 1570.0 | 1362.1 | 1185.8 | 1028.1 | 875.9 | 731.2 | 608.7 | 501.1 | 387.9 | 287.6 |
| -25°   | 1636.8 | 1425.2 | 1247.1 | 1093.0 | 955.7  | 820.2 | 690.3 | 584.6 | 480.6 | 374.9 | 280.2 |
| -27.5° | 1480.9 | 1300.9 | 1133.9 | 1005.8 | 885.2  | 766.4 | 651.4 | 558.6 | 460.2 | 360.0 | 272.8 |
| -30°   | 1336.1 | 1182.1 | 1044.8 | 920.5  | 818.4  | 718.2 | 618.0 | 532.6 | 438.0 | 345.2 | 263.5 |
| -32.5° | 1204.4 | 1080.0 | 965.0  | 846.2  | 755.3  | 669.9 | 586.4 | 506.6 | 415.7 | 330.3 | 254.2 |
| -35°   | 1081.9 | 985.4  | 885.2  | 785.0  | 692.2  | 625.4 | 553.0 | 478.8 | 395.3 | 313.6 | 245.0 |
| -37.5° | 972.4  | 894.5  | 814.7  | 729.3  | 649.5  | 582.7 | 521.5 | 450.9 | 374.9 | 298.8 | 235.7 |
| -40°   | 877.8  | 814.7  | 744.2  | 675.5  | 608.7  | 545.6 | 489.9 | 423.1 | 354.4 | 287.6 | 226.4 |
| -42.5° | 790.6  | 742.3  | 684.8  | 627.2  | 567.9  | 512.2 | 458.4 | 393.4 | 334.0 | 274.7 | 217.1 |
| -45°   | 723.7  | 675.5  | 629.1  | 577.1  | 527.0  | 478.8 | 425.0 | 367.4 | 315.5 | 259.8 | 207.8 |
| -47.5° | 660.6  | 618.0  | 575.3  | 532.6  | 491.8  | 447.2 | 393.4 | 345.2 | 295.1 | 246.8 | 200.4 |
| -50°   | 605.0  | 564.1  | 527.0  | 489.9  | 454.7  | 412.0 | 361.9 | 322.9 | 278.4 | 233.8 | 191.1 |
| -52.5° | 553.0  | 517.8  | 480.6  | 450.9  | 421.3  | 378.6 | 337.7 | 300.6 | 261.7 | 219.0 | 181.9 |
| -55°   | 506.6  | 473.2  | 439.8  | 412.0  | 384.1  | 347.0 | 313.6 | 282.1 | 245.0 | 207.8 | 172.6 |
| -57.5° | 462.1  | 434.2  | 402.7  | 376.7  | 348.9  | 319.2 | 291.4 | 261.7 | 228.3 | 196.7 | 163.3 |
| -60°   | 421.3  | 395.3  | 367.4  | 341.5  | 317.3  | 293.2 | 267.2 | 243.1 | 213.4 | 183.7 | 154.0 |
| -62.5° | 380.4  | 358.2  | 334.0  | 308.1  | 289.5  | 267.2 | 246.8 | 222.7 | 198.6 | 172.6 | 137.3 |
| -65°   | 343.3  | 322.9  | 300.6  | 278.4  | 261.7  | 245.0 | 226.4 | 204.1 | 183.7 | 159.6 | 122.5 |
| -67.5° | 306.2  | 287.6  | 269.1  | 250.5  | 235.7  | 222.7 | 204.1 | 187.4 | 170.7 | 144.7 | 107.6 |
| -70°   | 270.9  | 256.1  | 239.4  | 224.5  | 213.4  | 198.6 | 185.6 | 170.7 | 155.9 | 126.2 | 90.9  |
| -72.5° | 237.5  | 222.7  | 209.7  | 198.6  | 189.3  | 176.3 | 165.2 | 154.0 | 133.6 | 105.8 | 76.1  |
| -75°   | 198.6  | 189.3  | 181.9  | 172.6  | 163.3  | 154.0 | 144.7 | 131.8 | 111.3 | 85.4  | 59.4  |
| -77.5° | 163.3  | 157.7  | 152.2  | 144.7  | 137.3  | 129.9 | 118.8 | 105.8 | 89.1  | 66.8  | 48.2  |
| -80°   | 133.6  | 128.0  | 124.3  | 116.9  | 111.3  | 103.9 | 92.8  | 81.7  | 65.0  | 52.0  | 39.0  |
| -82.5° | 102.1  | 98.4   | 94.6   | 90.9   | 85.4   | 77.9  | 66.8  | 57.5  | 48.2  | 39.0  | 29.7  |
| -85°   | 72.4   | 70.5   | 66.8   | 63.1   | 57.5   | 52.0  | 44.5  | 39.0  | 33.4  | 26.0  | 20.4  |
| -87.5° | 37.1   | 35.3   | 33.4   | 31.5   | 29.7   | 26.0  | 22.3  | 18.6  | 16.7  | 13.0  | 9.3   |
| -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: P722170

CATALOG NUMBER: IFLD-S-SA3D-827-U-76

**CANDELA DISTRIBUTION (continued):**

|        | 82.5° | 85°   | 87.5° | 90° |
|--------|-------|-------|-------|-----|
| 90°    | 0.0   | 0.0   | 0.0   | 0.0 |
| 87.5°  | 7.4   | 5.6   | 1.9   | 0.0 |
| 85°    | 14.8  | 9.3   | 3.7   | 0.0 |
| 82.5°  | 22.3  | 14.8  | 5.6   | 0.0 |
| 80°    | 29.7  | 18.6  | 9.3   | 0.0 |
| 77.5°  | 37.1  | 22.3  | 11.1  | 0.0 |
| 75°    | 44.5  | 27.8  | 13.0  | 0.0 |
| 72.5°  | 50.1  | 31.5  | 14.8  | 0.0 |
| 70°    | 59.4  | 37.1  | 16.7  | 0.0 |
| 67.5°  | 74.2  | 40.8  | 18.6  | 0.0 |
| 65°    | 87.2  | 44.5  | 20.4  | 0.0 |
| 62.5°  | 102.1 | 48.2  | 22.3  | 0.0 |
| 60°    | 115.1 | 52.0  | 24.1  | 0.0 |
| 57.5°  | 128.0 | 61.2  | 26.0  | 0.0 |
| 55°    | 139.2 | 68.7  | 27.8  | 0.0 |
| 52.5°  | 152.2 | 76.1  | 29.7  | 0.0 |
| 50°    | 163.3 | 83.5  | 31.5  | 0.0 |
| 47.5°  | 172.6 | 90.9  | 31.5  | 0.0 |
| 45°    | 180.0 | 96.5  | 33.4  | 0.0 |
| 42.5°  | 185.6 | 102.1 | 35.3  | 0.0 |
| 40°    | 191.1 | 107.6 | 37.1  | 0.0 |
| 37.5°  | 196.7 | 113.2 | 37.1  | 0.0 |
| 35°    | 202.3 | 118.8 | 39.0  | 0.0 |
| 32.5°  | 207.8 | 124.3 | 39.0  | 0.0 |
| 30°    | 211.6 | 128.0 | 40.8  | 0.0 |
| 27.5°  | 217.1 | 131.8 | 40.8  | 0.0 |
| 25°    | 219.0 | 135.5 | 42.7  | 0.0 |
| 22.5°  | 222.7 | 137.3 | 42.7  | 0.0 |
| 20°    | 226.4 | 141.0 | 42.7  | 0.0 |
| 17.5°  | 228.3 | 142.9 | 44.5  | 0.0 |
| 15°    | 228.3 | 144.7 | 46.4  | 0.0 |
| 12.5°  | 230.1 | 146.6 | 46.4  | 0.0 |
| 10°    | 230.1 | 150.3 | 44.5  | 0.0 |
| 7.5°   | 233.8 | 148.5 | 44.5  | 0.0 |
| 5°     | 232.0 | 148.5 | 44.5  | 0.0 |
| 2.5°   | 230.1 | 146.6 | 44.5  | 0.0 |
| 0°     | 228.3 | 146.6 | 44.5  | 0.0 |
| -2.5°  | 228.3 | 146.6 | 44.5  | 0.0 |
| -5°    | 228.3 | 146.6 | 44.5  | 0.0 |
| -7.5°  | 226.4 | 148.5 | 44.5  | 0.0 |
| -10°   | 222.7 | 148.5 | 44.5  | 0.0 |
| -12.5° | 220.8 | 142.9 | 44.5  | 0.0 |
| -15°   | 219.0 | 141.0 | 44.5  | 0.0 |
| -17.5° | 215.3 | 139.2 | 42.7  | 0.0 |
| -20°   | 211.6 | 137.3 | 42.7  | 0.0 |



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**CANDELA DISTRIBUTION (continued):**

|        | 82.5° | 85°   | 87.5° | 90° |
|--------|-------|-------|-------|-----|
| -22.5° | 207.8 | 133.6 | 42.7  | 0.0 |
| -25°   | 204.1 | 129.9 | 40.8  | 0.0 |
| -27.5° | 200.4 | 126.2 | 40.8  | 0.0 |
| -30°   | 194.9 | 122.5 | 39.0  | 0.0 |
| -32.5° | 189.3 | 118.8 | 39.0  | 0.0 |
| -35°   | 185.6 | 113.2 | 37.1  | 0.0 |
| -37.5° | 180.0 | 107.6 | 37.1  | 0.0 |
| -40°   | 174.4 | 102.1 | 35.3  | 0.0 |
| -42.5° | 168.9 | 96.5  | 33.4  | 0.0 |
| -45°   | 161.5 | 90.9  | 33.4  | 0.0 |
| -47.5° | 155.9 | 85.4  | 31.5  | 0.0 |
| -50°   | 146.6 | 77.9  | 29.7  | 0.0 |
| -52.5° | 135.5 | 70.5  | 27.8  | 0.0 |
| -55°   | 124.3 | 65.0  | 26.0  | 0.0 |
| -57.5° | 113.2 | 57.5  | 26.0  | 0.0 |
| -60°   | 102.1 | 50.1  | 24.1  | 0.0 |
| -62.5° | 90.9  | 46.4  | 22.3  | 0.0 |
| -65°   | 79.8  | 42.7  | 20.4  | 0.0 |
| -67.5° | 66.8  | 37.1  | 18.6  | 0.0 |
| -70°   | 55.7  | 33.4  | 16.7  | 0.0 |
| -72.5° | 48.2  | 29.7  | 14.8  | 0.0 |
| -75°   | 40.8  | 26.0  | 13.0  | 0.0 |
| -77.5° | 35.3  | 22.3  | 11.1  | 0.0 |
| -80°   | 27.8  | 16.7  | 7.4   | 0.0 |
| -82.5° | 20.4  | 13.0  | 5.6   | 0.0 |
| -85°   | 13.0  | 9.3   | 3.7   | 0.0 |
| -87.5° | 7.4   | 3.7   | 1.9   | 0.0 |
| -90°   | 0.0   | 0.0   | 0.0   | 0.0 |

(END OF REPORT)