

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: P722308

Luminaire Tested: **IFLD-S-SA2B-940-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722308
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2B-940-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 4000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

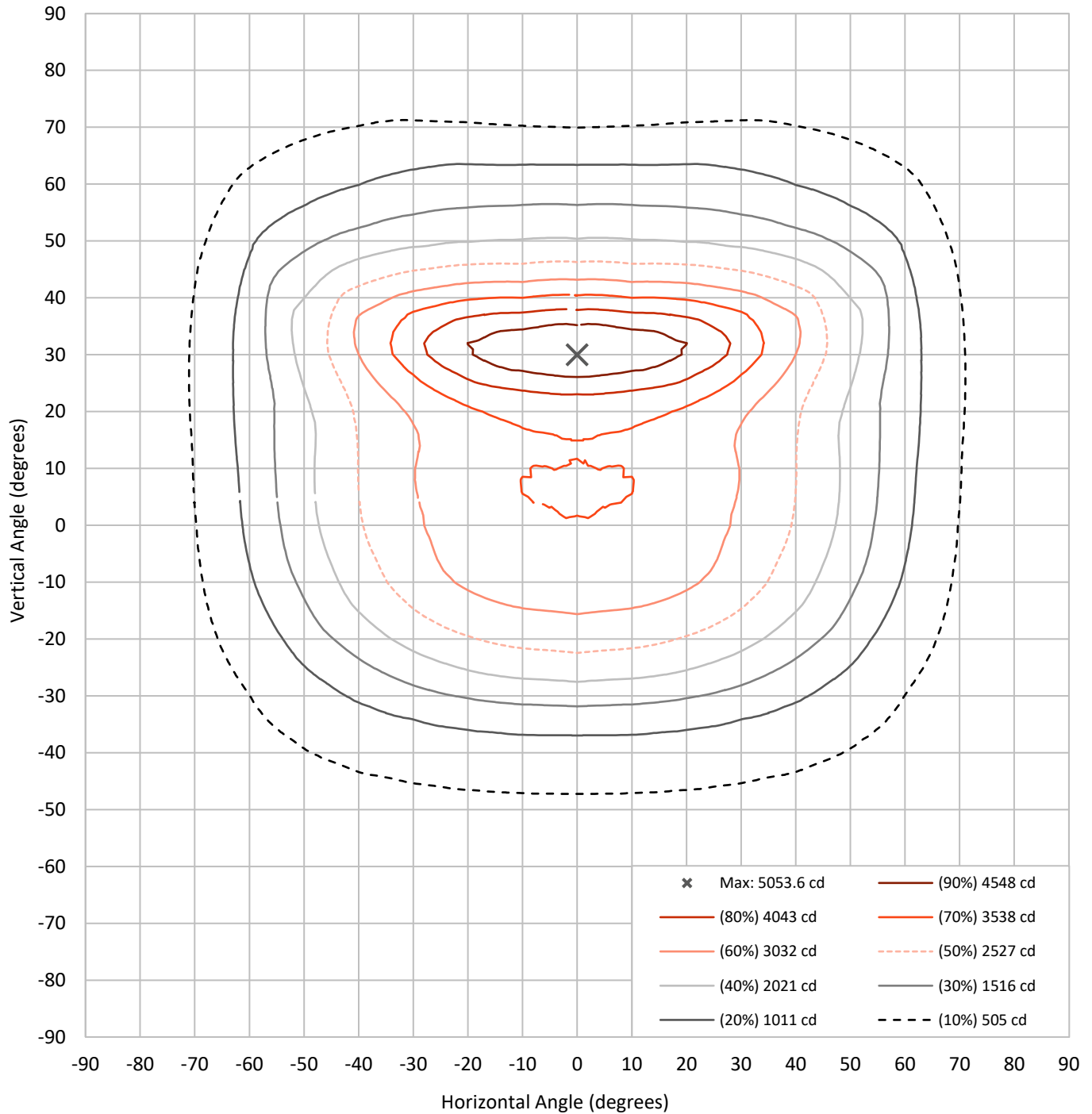
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	8435.7 lumens	Max Intensity:	5053.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	102.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	4905.5 lumens	Field Lumens:	7905.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 82.4
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



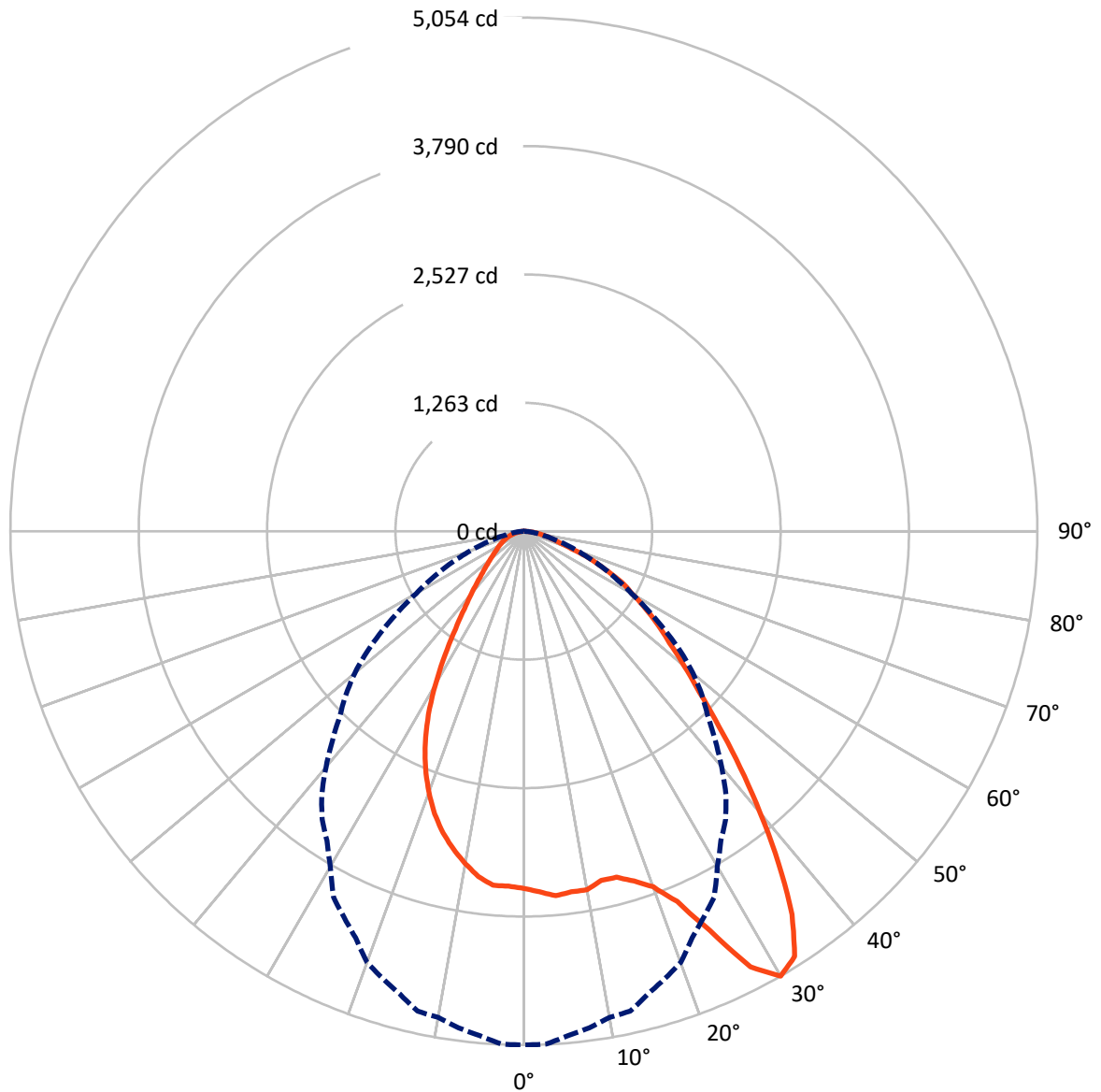
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Iso-Candela Plot



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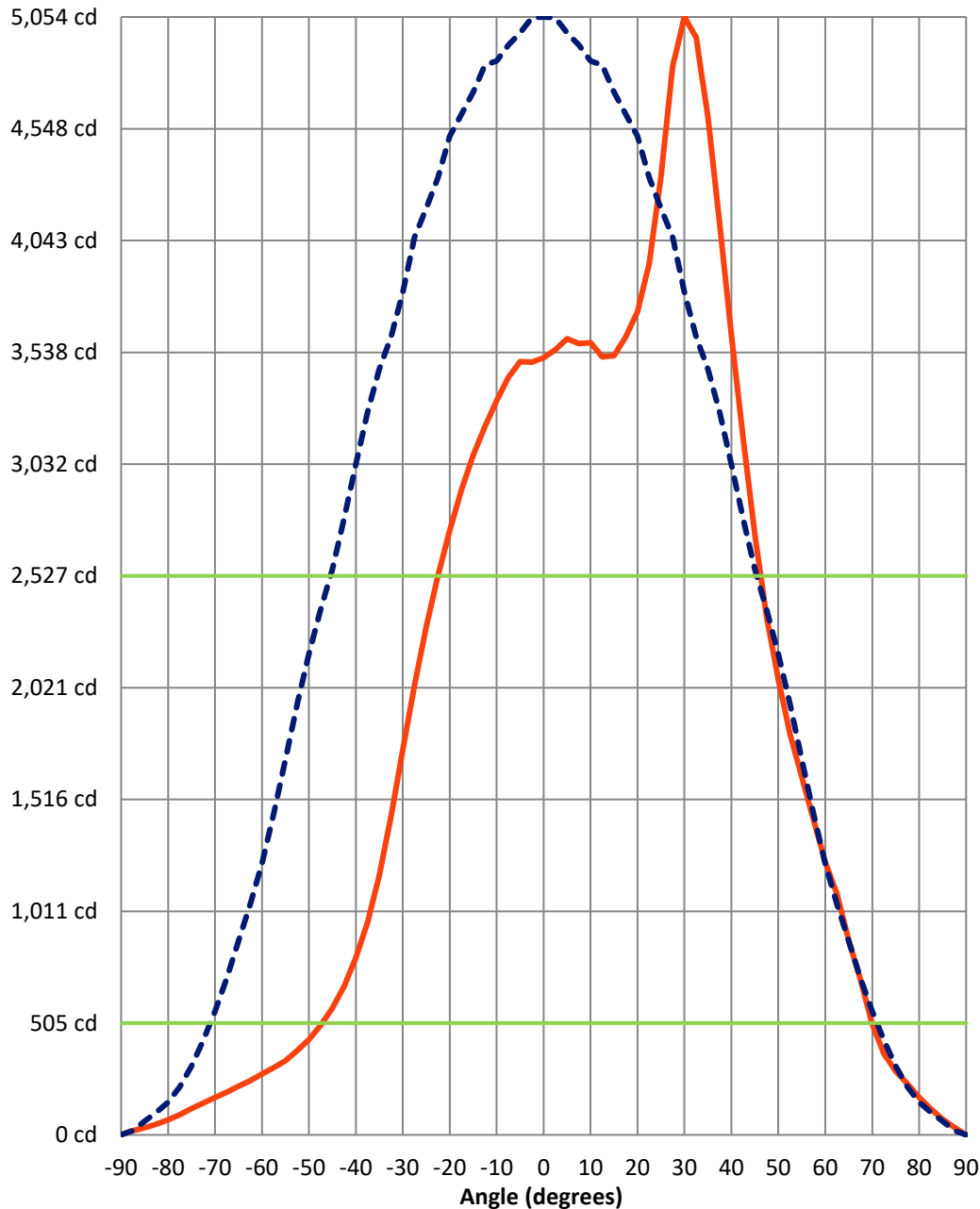
Luminous Intensity Polar Plot



— 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: 4905.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 7905.3
 Efficiency: 93.7%

Spill:
 Lumens: 530.4
 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°	34.0	34.9	35.7	35.7	34.9	34.9	34.9	34.0	34.9	34.9	34.9
85°	70.6	72.4	74.2	73.3	72.4	70.6	68.8	69.7	70.6	71.5	71.5
82.5°	117.1	119.7	121.5	120.6	118.9	117.1	115.3	116.2	118.0	118.9	118.9
80°	169.8	170.7	171.6	173.4	170.7	170.7	169.8	173.4	175.2	176.9	178.7
77.5°	230.6	231.5	231.5	232.3	233.2	234.1	234.1	240.4	244.9	247.5	250.2
75°	287.8	290.4	293.1	295.8	299.4	301.2	303.8	312.8	319.9	325.3	330.7
72.5°	366.4	370.0	374.4	380.7	387.0	391.4	397.7	408.4	416.4	421.8	428.1
70°	501.3	504.9	509.4	513.8	520.1	524.6	530.8	544.2	552.3	555.8	559.4
67.5°	701.5	710.5	718.5	709.6	705.1	698.8	700.6	713.1	721.2	726.5	725.6
65°	879.4	885.6	885.6	884.7	881.1	873.1	877.6	892.8	901.7	906.2	892.8
62.5°	1088.5	1088.5	1084.0	1091.1	1092.0	1086.7	1084.0	1084.9	1085.8	1088.5	1066.1
60°	1233.2	1242.2	1244.9	1251.1	1252.9	1252.9	1257.4	1260.9	1260.9	1255.6	1229.7
57.5°	1424.5	1441.5	1445.0	1440.6	1431.6	1420.0	1418.2	1412.9	1402.1	1391.4	1378.9
55°	1617.5	1626.4	1625.5	1622.9	1613.9	1600.5	1602.3	1595.2	1578.2	1564.8	1547.8
52.5°	1811.4	1832.9	1836.4	1831.1	1818.6	1804.3	1805.2	1797.1	1780.1	1765.9	1742.6
50°	2059.0	2076.8	2075.1	2066.1	2048.2	2037.5	2038.4	2023.2	2003.6	1999.1	1968.7
47.5°	2342.3	2362.8	2359.2	2346.7	2322.6	2318.1	2322.6	2302.9	2291.3	2281.5	2245.7
45°	2714.0	2738.1	2724.7	2700.6	2662.2	2666.6	2672.9	2669.3	2644.3	2618.4	2572.8
42.5°	3150.1	3165.3	3149.2	3125.1	3076.8	3085.8	3082.2	3060.7	3045.6	3002.7	2944.6
40°	3616.6	3649.7	3624.6	3587.1	3537.1	3550.5	3540.6	3512.9	3477.2	3423.6	3350.3
37.5°	4119.7	4145.6	4117.0	4073.3	4028.6	4024.1	4004.4	3961.5	3910.6	3851.6	3734.6
35°	4601.4	4668.4	4615.7	4546.0	4491.5	4470.9	4452.2	4353.0	4294.9	4199.3	4039.3
32.5°	4959.8	5008.9	4943.7	4871.3	4805.2	4776.6	4710.4	4592.5	4561.2	4360.1	4213.6
30°	5053.6	5050.0	4982.1	4926.7	4855.2	4835.5	4714.0	4613.9	4513.8	4327.9	4188.5
27.5°	4830.2	4807.8	4742.6	4694.3	4623.7	4600.5	4480.8	4427.1	4272.5	4115.3	3997.3
25°	4332.4	4344.0	4294.9	4270.7	4224.3	4174.2	4126.9	4054.5	3958.0	3820.3	3712.2
22.5°	3940.1	3955.3	3934.7	3906.1	3870.4	3842.7	3806.9	3750.6	3657.7	3572.8	3470.9
20°	3722.0	3717.6	3699.7	3678.3	3644.3	3624.6	3585.3	3538.0	3466.5	3393.2	3283.3
17.5°	3607.7	3580.0	3563.0	3554.9	3537.1	3512.0	3465.6	3417.3	3361.9	3278.8	3198.4
15°	3522.8	3527.2	3513.8	3507.6	3493.3	3458.4	3411.1	3371.7	3296.7	3254.7	3181.4
12.5°	3517.4	3512.9	3513.8	3511.1	3493.3	3448.6	3424.5	3374.4	3326.2	3270.8	3186.8
10°	3580.9	3533.5	3537.1	3549.6	3521.0	3485.2	3459.3	3404.8	3359.2	3288.6	3205.5
7.5°	3577.3	3553.1	3560.3	3539.7	3548.7	3504.9	3469.1	3414.6	3357.4	3282.4	3207.3
5°	3598.7	3562.1	3555.8	3557.6	3535.3	3502.2	3454.0	3402.1	3348.5	3264.5	3187.6
2.5°	3549.6	3554.9	3526.3	3515.6	3512.9	3457.5	3412.8	3362.8	3307.4	3233.2	3164.4
0°	3512.9	3522.8	3493.3	3478.1	3477.2	3429.8	3401.2	3344.0	3304.7	3243.1	3159.9
-2.5°	3493.3	3504.9	3508.5	3480.8	3454.0	3417.3	3369.1	3307.4	3243.1	3171.6	3100.1
-5°	3495.1	3471.8	3462.0	3470.9	3447.7	3411.1	3357.4	3302.9	3239.5	3162.6	3073.3
-7.5°	3424.5	3401.2	3399.4	3395.0	3389.6	3354.8	3310.1	3251.1	3186.8	3115.3	3032.2
-10°	3319.0	3302.0	3297.6	3293.1	3278.8	3258.2	3216.2	3162.6	3104.5	3033.0	2944.6
-12.5°	3201.9	3193.9	3176.9	3165.3	3151.0	3126.9	3086.7	3037.5	2979.4	2916.0	2840.0
-15°	3072.4	3057.2	3040.2	3030.4	3009.8	2981.2	2941.0	2895.4	2832.0	2769.4	2697.9
-17.5°	2916.0	2897.2	2878.4	2875.8	2861.5	2817.7	2780.1	2724.7	2669.3	2609.5	2539.8
-20°	2731.9	2706.0	2693.5	2686.3	2666.6	2634.5	2594.3	2543.3	2489.7	2432.5	2352.1



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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°	2528.1	2505.8	2484.3	2470.9	2454.0	2428.9	2390.5	2345.8	2293.1	2228.8	2154.6
-25°	2296.7	2265.4	2252.0	2236.8	2227.9	2204.6	2167.1	2126.0	2071.5	2008.9	1938.3
-27.5°	2032.2	2007.1	2000.0	1978.5	1967.8	1943.7	1912.4	1874.0	1823.9	1765.0	1706.9
-30°	1739.9	1724.7	1713.1	1691.7	1683.6	1657.7	1637.2	1605.0	1559.4	1517.4	1470.9
-32.5°	1439.7	1424.5	1420.9	1411.1	1405.7	1388.7	1365.5	1342.3	1305.6	1274.3	1236.8
-35°	1173.4	1162.6	1163.5	1162.6	1157.3	1144.8	1116.2	1109.9	1083.1	1054.5	1030.4
-37.5°	960.7	961.6	960.7	959.8	952.6	947.3	926.7	918.7	902.6	874.9	860.6
-40°	800.7	802.5	801.6	799.8	791.8	789.1	775.7	765.0	758.7	739.0	723.9
-42.5°	671.1	673.8	672.9	672.0	666.7	665.8	658.6	646.1	642.5	630.9	614.8
-45°	572.8	571.9	570.1	571.9	569.3	566.6	562.1	554.1	549.6	544.2	530.8
-47.5°	495.1	496.0	494.2	494.2	490.6	487.9	486.1	480.8	477.2	472.7	464.7
-50°	430.7	434.3	433.4	432.5	429.8	428.1	428.1	422.7	417.3	415.5	410.2
-52.5°	380.7	383.4	384.3	386.1	387.0	387.8	385.2	379.8	370.9	370.0	367.3
-55°	335.1	343.2	348.5	352.1	355.7	358.4	353.0	345.8	336.9	333.3	332.4
-57.5°	303.8	311.9	318.1	323.5	328.0	332.4	327.1	319.9	311.9	307.4	306.5
-60°	275.2	282.4	288.6	295.8	302.1	309.2	306.5	301.2	296.7	293.1	289.5
-62.5°	244.9	252.0	259.2	268.1	276.1	283.3	284.2	283.3	282.4	283.3	277.0
-65°	219.8	223.4	227.9	237.7	246.6	254.7	259.2	261.8	266.3	270.8	264.5
-67.5°	193.0	197.5	202.9	210.0	217.2	222.5	228.8	235.9	243.1	250.2	245.8
-70°	168.9	172.5	176.9	180.5	185.0	188.6	193.9	202.0	210.0	217.2	215.4
-72.5°	143.9	147.5	150.1	151.9	154.6	156.4	159.1	166.2	171.6	175.2	175.2
-75°	118.9	122.4	125.1	126.0	127.8	128.7	130.5	133.2	135.8	136.7	137.6
-77.5°	91.2	94.7	97.4	99.2	101.0	102.8	103.7	105.5	106.3	106.3	107.2
-80°	67.9	70.6	72.4	75.1	76.0	77.7	79.5	80.4	81.3	81.3	82.2
-82.5°	48.3	50.0	51.8	53.6	55.4	56.3	58.1	59.0	59.9	60.8	61.7
-85°	32.2	34.0	35.7	37.5	38.4	39.3	40.2	41.1	42.0	42.9	43.8
-87.5°	18.8	19.7	20.6	22.3	23.2	25.0	25.9	25.0	25.9	25.9	25.9
-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°	34.9	34.9	34.9	34.9	34.0	32.2	31.3	29.5	27.7	25.9	24.1
85°	72.4	73.3	73.3	73.3	71.5	70.6	67.9	65.2	61.7	56.3	51.8
82.5°	120.6	121.5	121.5	120.6	118.9	116.2	112.6	108.1	101.0	93.8	87.6
80°	181.4	182.3	182.3	181.4	176.9	172.5	168.0	162.6	153.7	143.9	133.2
77.5°	253.8	255.6	255.6	252.9	246.6	241.3	234.1	225.2	211.8	197.5	183.2
75°	337.8	342.3	343.2	340.5	332.4	322.6	311.0	295.8	275.2	257.4	240.4
72.5°	435.2	439.7	443.2	439.7	428.1	414.7	397.7	379.8	359.2	335.1	306.5
70°	563.0	567.5	570.1	558.5	538.0	515.6	495.1	474.5	450.4	420.9	389.6
67.5°	723.9	719.4	714.0	690.8	664.9	638.1	609.5	579.1	547.8	516.5	479.9
65°	878.5	865.9	854.3	826.6	793.6	758.7	725.6	691.7	654.2	614.8	580.0
62.5°	1041.1	1014.3	985.7	951.7	917.8	879.4	846.3	806.1	764.1	715.8	671.1
60°	1201.1	1168.9	1140.3	1098.3	1053.6	1001.8	966.0	926.7	877.6	825.7	773.0
57.5°	1355.7	1320.8	1289.5	1252.9	1204.6	1148.3	1109.0	1058.1	1006.2	941.0	887.4
55°	1520.1	1485.2	1460.2	1419.1	1366.4	1314.6	1271.7	1218.0	1145.7	1076.0	1009.8
52.5°	1708.7	1681.0	1654.1	1612.1	1548.7	1496.0	1448.6	1388.7	1312.8	1227.0	1147.4
50°	1919.6	1905.3	1876.7	1827.5	1755.1	1708.7	1646.1	1566.6	1485.2	1395.0	1295.8
47.5°	2199.3	2176.0	2135.8	2082.2	2021.4	1951.7	1867.7	1774.8	1659.5	1559.4	1454.0
45°	2533.5	2490.6	2438.8	2366.4	2291.3	2212.7	2120.6	2002.7	1848.1	1717.6	1606.8
42.5°	2895.4	2837.3	2766.7	2672.0	2574.6	2478.1	2378.9	2218.0	2025.0	1874.9	1749.8
40°	3273.4	3199.3	3110.8	2973.2	2865.0	2740.8	2627.3	2386.9	2181.4	2018.8	1885.6
37.5°	3643.4	3549.6	3401.2	3234.1	3108.1	3006.2	2756.9	2499.5	2315.4	2136.7	2001.8
35°	3926.7	3847.2	3585.3	3412.0	3303.8	3143.0	2831.1	2567.5	2372.6	2224.3	2014.3
32.5°	4094.7	3889.2	3659.5	3484.3	3395.0	3131.3	2836.4	2587.1	2399.4	2233.2	1982.1
30°	4057.2	3808.7	3607.7	3461.1	3267.2	3030.4	2786.4	2556.7	2374.4	2173.4	1946.4
27.5°	3831.1	3638.9	3459.3	3306.5	3116.2	2903.5	2678.3	2476.3	2306.5	2111.7	1897.2
25°	3575.5	3401.2	3268.1	3134.9	2954.4	2751.5	2553.2	2407.5	2236.8	2044.7	1832.9
22.5°	3340.5	3215.3	3110.8	2971.4	2795.3	2618.4	2495.1	2344.0	2168.9	1974.1	1766.7
20°	3190.3	3105.4	2985.7	2832.0	2693.5	2582.6	2445.9	2286.0	2105.4	1901.7	1710.4
17.5°	3117.9	3019.6	2886.5	2786.4	2680.1	2558.5	2405.7	2235.9	2043.8	1868.6	1716.7
15°	3080.4	2976.7	2889.2	2790.9	2671.1	2543.3	2373.5	2197.5	2043.8	1882.0	1721.2
12.5°	3088.5	2999.1	2903.5	2796.2	2667.5	2530.8	2377.1	2213.6	2054.5	1891.9	1722.1
10°	3113.5	3019.6	2917.8	2798.9	2669.3	2534.4	2386.9	2223.4	2059.9	1896.3	1720.3
7.5°	3122.4	3020.5	2911.5	2791.8	2664.9	2532.6	2388.7	2226.1	2060.8	1895.4	1714.9
5°	3094.7	3002.7	2897.2	2776.6	2652.4	2523.7	2381.6	2222.5	2053.6	1886.5	1701.5
2.5°	3057.2	2983.0	2882.0	2765.8	2639.8	2511.2	2370.0	2206.4	2037.5	1870.4	1684.5
0°	3050.9	2958.9	2857.0	2753.3	2619.3	2483.5	2343.1	2176.0	2008.0	1840.0	1655.0
-2.5°	3009.8	2912.4	2810.5	2697.9	2580.0	2443.2	2295.8	2132.2	1966.0	1800.7	1622.9
-5°	2978.5	2870.4	2762.3	2640.7	2521.9	2385.1	2232.3	2073.3	1910.6	1749.8	1578.2
-7.5°	2936.5	2825.7	2712.2	2585.3	2456.6	2317.2	2166.2	2007.1	1847.2	1687.2	1522.8
-10°	2851.6	2754.2	2647.9	2516.5	2380.7	2241.3	2091.1	1934.8	1774.8	1613.0	1447.7
-12.5°	2748.9	2646.1	2529.9	2409.3	2287.7	2158.2	2008.0	1854.3	1693.5	1530.8	1366.4
-15°	2615.7	2514.7	2395.9	2277.9	2160.8	2036.6	1904.4	1765.9	1602.3	1442.3	1277.9
-17.5°	2449.5	2354.8	2248.4	2135.8	2019.6	1894.5	1765.9	1648.8	1496.0	1345.8	1183.2
-20°	2270.8	2182.3	2086.7	1980.3	1864.2	1741.7	1620.2	1497.8	1365.5	1233.2	1082.2



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	2084.9	1995.5	1899.0	1799.8	1692.6	1579.1	1466.5	1349.4	1233.2	1113.5	985.7
-25°	1870.4	1791.8	1703.3	1606.8	1511.2	1412.0	1304.7	1198.4	1099.2	995.5	891.0
-27.5°	1646.1	1573.7	1493.3	1409.3	1327.1	1244.0	1151.0	1052.7	970.5	884.7	798.0
-30°	1410.2	1352.1	1286.9	1213.6	1150.1	1083.1	1005.4	924.0	849.0	783.7	714.0
-32.5°	1186.8	1137.6	1091.1	1042.9	980.3	928.5	874.9	815.0	748.9	687.2	637.2
-35°	994.6	941.9	922.2	886.5	841.8	796.2	756.9	714.0	664.0	609.5	568.4
-37.5°	832.9	801.6	773.9	754.2	724.7	688.1	656.8	625.6	587.1	546.0	504.9
-40°	706.9	685.4	655.0	645.2	626.4	601.4	569.3	545.1	519.2	487.9	453.1
-42.5°	605.9	589.8	570.1	553.2	545.1	527.3	502.2	479.0	458.4	437.0	410.2
-45°	522.8	512.1	499.5	484.4	478.1	463.8	445.9	420.0	408.4	390.5	370.9
-47.5°	455.8	450.4	441.5	431.6	422.7	412.0	395.9	379.8	363.7	352.1	336.9
-50°	403.0	399.5	394.1	386.1	374.4	367.3	356.6	342.3	327.1	317.2	306.5
-52.5°	361.0	357.5	353.9	347.6	338.7	331.5	322.6	311.0	298.5	288.6	279.7
-55°	328.9	323.5	320.8	315.5	308.3	300.3	292.2	284.2	273.5	264.5	255.6
-57.5°	303.8	296.7	293.1	288.6	281.5	273.5	267.2	259.2	252.0	242.2	234.1
-60°	284.2	276.1	269.0	264.5	258.3	250.2	244.0	237.7	230.6	222.5	212.7
-62.5°	268.1	258.3	248.4	243.1	236.8	229.7	223.4	217.2	210.0	202.0	193.0
-65°	252.9	241.3	228.8	223.4	217.2	210.0	202.0	197.5	191.2	184.1	175.2
-67.5°	234.1	221.6	210.9	204.6	198.4	192.1	185.0	180.5	174.3	165.3	156.4
-70°	206.4	198.4	191.2	185.9	180.5	175.2	168.0	160.9	153.7	145.7	137.6
-72.5°	171.6	168.9	168.0	165.3	159.1	152.8	145.7	138.5	132.3	126.0	119.7
-75°	138.5	140.3	142.1	141.2	134.9	128.7	122.4	116.2	111.7	106.3	101.0
-77.5°	109.9	111.7	113.5	113.5	109.0	105.5	101.0	96.5	92.9	88.5	83.1
-80°	84.9	87.6	90.3	92.0	88.5	85.8	82.2	78.6	75.1	71.5	67.9
-82.5°	64.3	67.0	69.7	71.5	68.8	67.0	64.3	61.7	59.0	55.4	52.7
-85°	46.5	48.3	50.0	50.9	49.2	47.4	45.6	43.8	42.0	39.3	37.5
-87.5°	26.8	27.7	28.6	29.5	27.7	25.9	25.0	23.2	22.3	20.6	19.7
-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):

	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°	22.3	20.6	18.8	17.9	16.1	13.4	11.6	9.8	8.0	6.3	5.4
85°	47.4	42.9	37.5	34.9	31.3	27.7	24.1	20.6	17.0	13.4	9.8
82.5°	81.3	76.0	70.6	64.3	56.3	46.5	36.6	30.4	25.0	19.7	15.2
80°	122.4	112.6	103.7	95.6	86.7	74.2	60.8	48.3	34.0	25.9	19.7
77.5°	169.8	158.2	145.7	132.3	118.0	101.0	85.8	69.7	52.7	35.7	25.0
75°	223.4	208.2	191.2	172.5	153.7	131.4	109.9	91.2	71.5	50.0	30.4
72.5°	283.3	264.5	244.0	218.9	189.5	163.5	137.6	112.6	89.4	63.4	41.1
70°	360.1	330.7	300.3	273.5	235.9	194.8	164.4	135.8	106.3	77.7	51.8
67.5°	442.4	406.6	370.0	330.7	283.3	235.0	191.2	159.1	124.2	91.2	61.7
65°	531.7	487.0	440.6	396.8	331.5	274.4	225.2	181.4	141.2	103.7	71.5
62.5°	623.8	571.0	517.4	460.2	385.2	314.6	257.4	206.4	157.3	115.3	80.4
60°	722.1	660.4	595.2	523.7	436.1	358.4	287.8	232.3	174.3	126.9	90.3
57.5°	825.7	758.7	681.9	585.3	488.8	400.4	322.6	255.6	189.5	137.6	97.4
55°	938.3	861.5	777.5	649.7	540.7	442.4	357.5	278.8	205.5	146.6	104.6
52.5°	1059.9	970.5	864.2	717.6	595.2	485.3	389.6	299.4	220.7	156.4	110.8
50°	1195.7	1083.1	940.1	780.2	642.5	525.5	421.8	321.7	233.2	167.1	116.2
47.5°	1336.9	1215.4	1008.0	838.2	690.8	564.8	454.9	341.4	245.8	176.0	121.5
45°	1484.4	1307.4	1078.6	890.1	732.8	600.5	479.9	359.2	260.9	184.1	126.0
42.5°	1630.0	1377.1	1140.3	941.9	772.1	632.7	500.4	376.2	273.5	192.1	130.5
40°	1698.8	1429.8	1189.4	977.7	805.2	661.3	518.3	391.4	284.2	197.5	134.9
37.5°	1727.4	1462.0	1221.6	1011.6	831.1	676.5	533.5	404.8	293.1	202.9	138.5
35°	1733.7	1473.6	1237.7	1034.8	852.5	690.8	545.1	414.7	300.3	208.2	142.1
32.5°	1722.1	1470.1	1242.2	1042.9	865.9	701.5	553.2	421.8	305.6	213.6	145.7
30°	1696.1	1451.3	1226.1	1042.0	875.8	707.8	558.5	427.2	311.0	217.2	147.5
27.5°	1654.1	1418.2	1205.5	1042.9	881.1	710.5	561.2	429.8	314.6	219.8	151.0
25°	1602.3	1373.5	1206.4	1041.1	882.0	711.3	561.2	429.8	315.5	220.7	153.7
22.5°	1542.4	1373.5	1206.4	1038.4	876.7	709.6	558.5	428.1	315.5	222.5	156.4
20°	1546.0	1374.4	1203.7	1033.1	868.6	704.2	552.3	423.6	312.8	225.2	158.2
17.5°	1548.7	1372.6	1198.4	1025.9	857.9	695.3	544.2	417.3	312.8	227.9	159.1
15°	1548.7	1367.3	1190.3	1015.2	844.5	682.7	532.6	412.0	313.7	228.8	160.9
12.5°	1546.0	1357.5	1177.8	1000.9	828.4	667.6	525.5	410.2	313.7	229.7	160.9
10°	1540.7	1344.0	1161.7	983.0	813.2	662.2	521.9	406.6	311.9	229.7	160.9
7.5°	1530.8	1328.0	1148.3	972.3	804.3	655.9	516.5	401.2	309.2	227.9	162.6
5°	1515.6	1319.0	1137.6	959.8	791.8	651.5	513.0	396.8	307.4	227.9	160.9
2.5°	1496.0	1308.3	1125.1	943.7	777.5	636.3	501.3	387.0	301.2	224.3	159.1
0°	1463.8	1286.9	1103.7	921.4	757.8	621.1	489.7	377.1	294.9	220.7	157.3
-2.5°	1434.3	1258.3	1076.0	898.1	739.0	607.7	480.8	371.8	292.2	219.8	156.4
-5°	1393.2	1218.9	1039.3	867.7	714.0	594.3	471.8	365.5	289.5	218.1	156.4
-7.5°	1347.6	1177.8	1000.9	836.5	689.0	571.0	454.9	355.7	283.3	214.5	155.5
-10°	1277.0	1116.2	952.6	800.7	662.2	550.5	440.6	346.7	277.9	210.9	151.9
-12.5°	1202.0	1048.3	897.2	756.9	631.8	529.0	424.5	336.9	271.7	207.3	150.1
-15°	1122.4	978.5	839.1	711.3	598.7	503.1	407.5	326.2	265.4	202.9	147.5
-17.5°	1039.3	905.3	779.3	664.9	565.7	476.3	389.6	316.4	258.3	198.4	144.8
-20°	951.7	830.2	718.5	617.5	530.8	449.5	370.9	304.7	250.2	193.0	141.2



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	865.1	756.0	655.9	571.0	495.1	421.8	352.1	293.1	241.3	186.8	138.5
-25°	788.2	686.3	600.5	526.4	460.2	395.0	332.4	281.5	231.5	180.5	134.9
-27.5°	713.1	626.4	546.0	484.4	426.3	369.1	313.7	269.0	221.6	173.4	131.4
-30°	643.4	569.3	503.1	443.2	394.1	345.8	297.6	256.5	210.9	166.2	126.9
-32.5°	580.0	520.1	464.7	407.5	363.7	322.6	282.4	244.0	200.2	159.1	122.4
-35°	521.0	474.5	426.3	378.0	333.3	301.2	266.3	230.6	190.3	151.0	118.0
-37.5°	468.3	430.7	392.3	351.2	312.8	280.6	251.1	217.2	180.5	143.9	113.5
-40°	422.7	392.3	358.4	325.3	293.1	262.7	235.9	203.8	170.7	138.5	109.0
-42.5°	380.7	357.5	329.8	302.1	273.5	246.6	220.7	189.5	160.9	132.3	104.6
-45°	348.5	325.3	302.9	277.9	253.8	230.6	204.6	176.9	151.9	125.1	100.1
-47.5°	318.1	297.6	277.0	256.5	236.8	215.4	189.5	166.2	142.1	118.9	96.5
-50°	291.3	271.7	253.8	235.9	218.9	198.4	174.3	155.5	134.0	112.6	92.0
-52.5°	266.3	249.3	231.5	217.2	202.9	182.3	162.6	144.8	126.0	105.5	87.6
-55°	244.0	227.9	211.8	198.4	185.0	167.1	151.0	135.8	118.0	100.1	83.1
-57.5°	222.5	209.1	193.9	181.4	168.0	153.7	140.3	126.0	109.9	94.7	78.6
-60°	202.9	190.3	176.9	164.4	152.8	141.2	128.7	117.1	102.8	88.5	74.2
-62.5°	183.2	172.5	160.9	148.3	139.4	128.7	118.9	107.2	95.6	83.1	66.1
-65°	165.3	155.5	144.8	134.0	126.0	118.0	109.0	98.3	88.5	76.9	59.0
-67.5°	147.5	138.5	129.6	120.6	113.5	107.2	98.3	90.3	82.2	69.7	51.8
-70°	130.5	123.3	115.3	108.1	102.8	95.6	89.4	82.2	75.1	60.8	43.8
-72.5°	114.4	107.2	101.0	95.6	91.2	84.9	79.5	74.2	64.3	50.9	36.6
-75°	95.6	91.2	87.6	83.1	78.6	74.2	69.7	63.4	53.6	41.1	28.6
-77.5°	78.6	76.0	73.3	69.7	66.1	62.6	57.2	50.9	42.9	32.2	23.2
-80°	64.3	61.7	59.9	56.3	53.6	50.0	44.7	39.3	31.3	25.0	18.8
-82.5°	49.2	47.4	45.6	43.8	41.1	37.5	32.2	27.7	23.2	18.8	14.3
-85°	34.9	34.0	32.2	30.4	27.7	25.0	21.4	18.8	16.1	12.5	9.8
-87.5°	17.9	17.0	16.1	15.2	14.3	12.5	10.7	8.9	8.0	6.3	4.5
-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):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	3.6	2.7	0.9	0.0
85°	7.1	4.5	1.8	0.0
82.5°	10.7	7.1	2.7	0.0
80°	14.3	8.9	4.5	0.0
77.5°	17.9	10.7	5.4	0.0
75°	21.4	13.4	6.3	0.0
72.5°	24.1	15.2	7.1	0.0
70°	28.6	17.9	8.0	0.0
67.5°	35.7	19.7	8.9	0.0
65°	42.0	21.4	9.8	0.0
62.5°	49.2	23.2	10.7	0.0
60°	55.4	25.0	11.6	0.0
57.5°	61.7	29.5	12.5	0.0
55°	67.0	33.1	13.4	0.0
52.5°	73.3	36.6	14.3	0.0
50°	78.6	40.2	15.2	0.0
47.5°	83.1	43.8	15.2	0.0
45°	86.7	46.5	16.1	0.0
42.5°	89.4	49.2	17.0	0.0
40°	92.0	51.8	17.9	0.0
37.5°	94.7	54.5	17.9	0.0
35°	97.4	57.2	18.8	0.0
32.5°	100.1	59.9	18.8	0.0
30°	101.9	61.7	19.7	0.0
27.5°	104.6	63.4	19.7	0.0
25°	105.5	65.2	20.6	0.0
22.5°	107.2	66.1	20.6	0.0
20°	109.0	67.9	20.6	0.0
17.5°	109.9	68.8	21.4	0.0
15°	109.9	69.7	22.3	0.0
12.5°	110.8	70.6	22.3	0.0
10°	110.8	72.4	21.4	0.0
7.5°	112.6	71.5	21.4	0.0
5°	111.7	71.5	21.4	0.0
2.5°	110.8	70.6	21.4	0.0
0°	109.9	70.6	21.4	0.0
-2.5°	109.9	70.6	21.4	0.0
-5°	109.9	70.6	21.4	0.0
-7.5°	109.0	71.5	21.4	0.0
-10°	107.2	71.5	21.4	0.0
-12.5°	106.3	68.8	21.4	0.0
-15°	105.5	67.9	21.4	0.0
-17.5°	103.7	67.0	20.6	0.0
-20°	101.9	66.1	20.6	0.0



REPORT NUMBER: P722308

CATALOG NUMBER: IFLD-S-SA2B-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	100.1	64.3	20.6	0.0
-25°	98.3	62.6	19.7	0.0
-27.5°	96.5	60.8	19.7	0.0
-30°	93.8	59.0	18.8	0.0
-32.5°	91.2	57.2	18.8	0.0
-35°	89.4	54.5	17.9	0.0
-37.5°	86.7	51.8	17.9	0.0
-40°	84.0	49.2	17.0	0.0
-42.5°	81.3	46.5	16.1	0.0
-45°	77.7	43.8	16.1	0.0
-47.5°	75.1	41.1	15.2	0.0
-50°	70.6	37.5	14.3	0.0
-52.5°	65.2	34.0	13.4	0.0
-55°	59.9	31.3	12.5	0.0
-57.5°	54.5	27.7	12.5	0.0
-60°	49.2	24.1	11.6	0.0
-62.5°	43.8	22.3	10.7	0.0
-65°	38.4	20.6	9.8	0.0
-67.5°	32.2	17.9	8.9	0.0
-70°	26.8	16.1	8.0	0.0
-72.5°	23.2	14.3	7.1	0.0
-75°	19.7	12.5	6.3	0.0
-77.5°	17.0	10.7	5.4	0.0
-80°	13.4	8.0	3.6	0.0
-82.5°	9.8	6.3	2.7	0.0
-85°	6.3	4.5	1.8	0.0
-87.5°	3.6	1.8	0.9	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)