

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: P722282

Luminaire Tested: **IFLD-S-SA2E-935-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722282
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-935-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (32) 3500K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

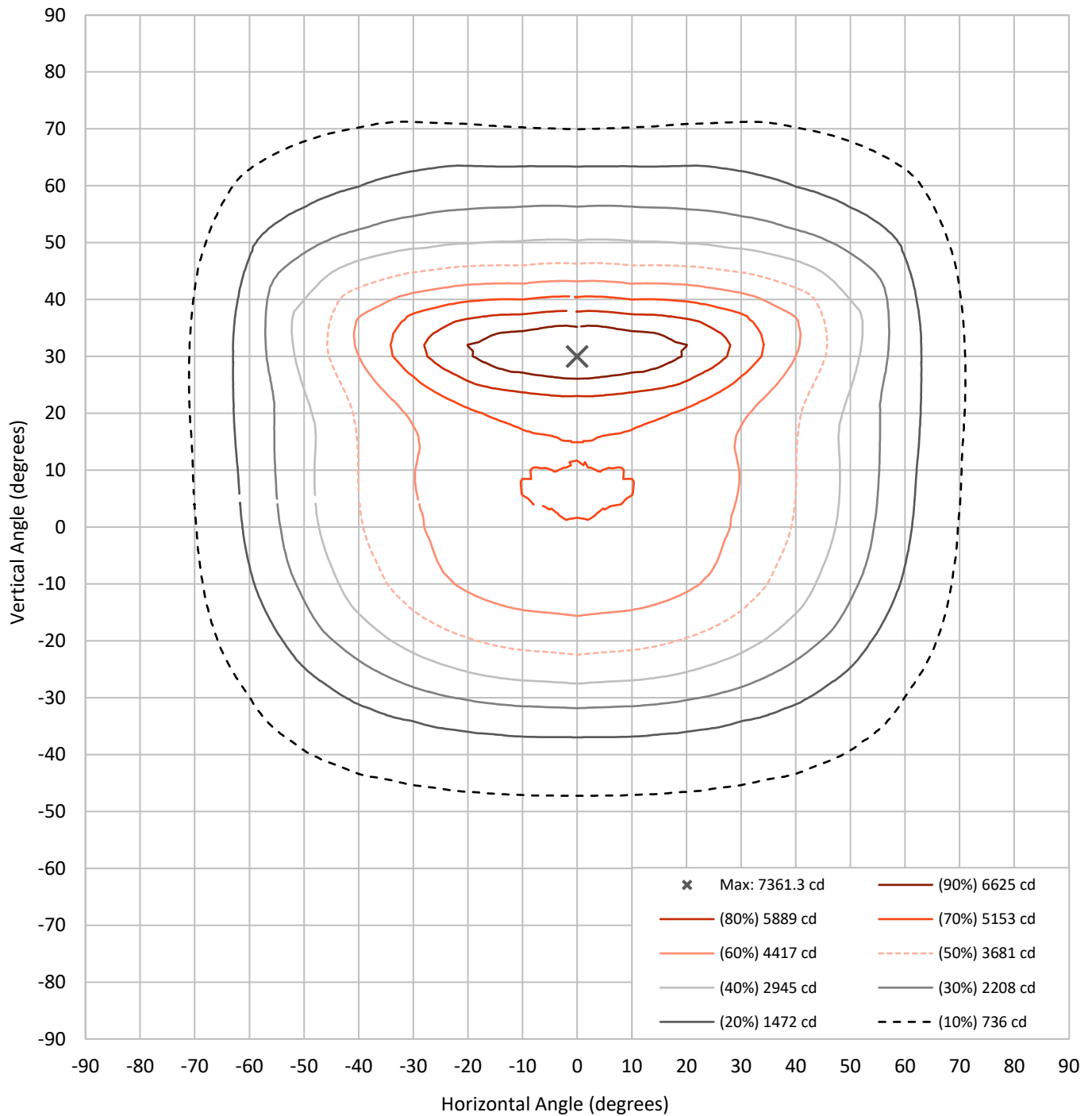
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	12287.8 lumens	Max Intensity:	7361.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	78.7 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	7145.5 lumens	Field Lumens:	11515.2 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

Input Watts (W): 156.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722282
CATALOG NUMBER: IFLD-S-SA2E-935-U-76

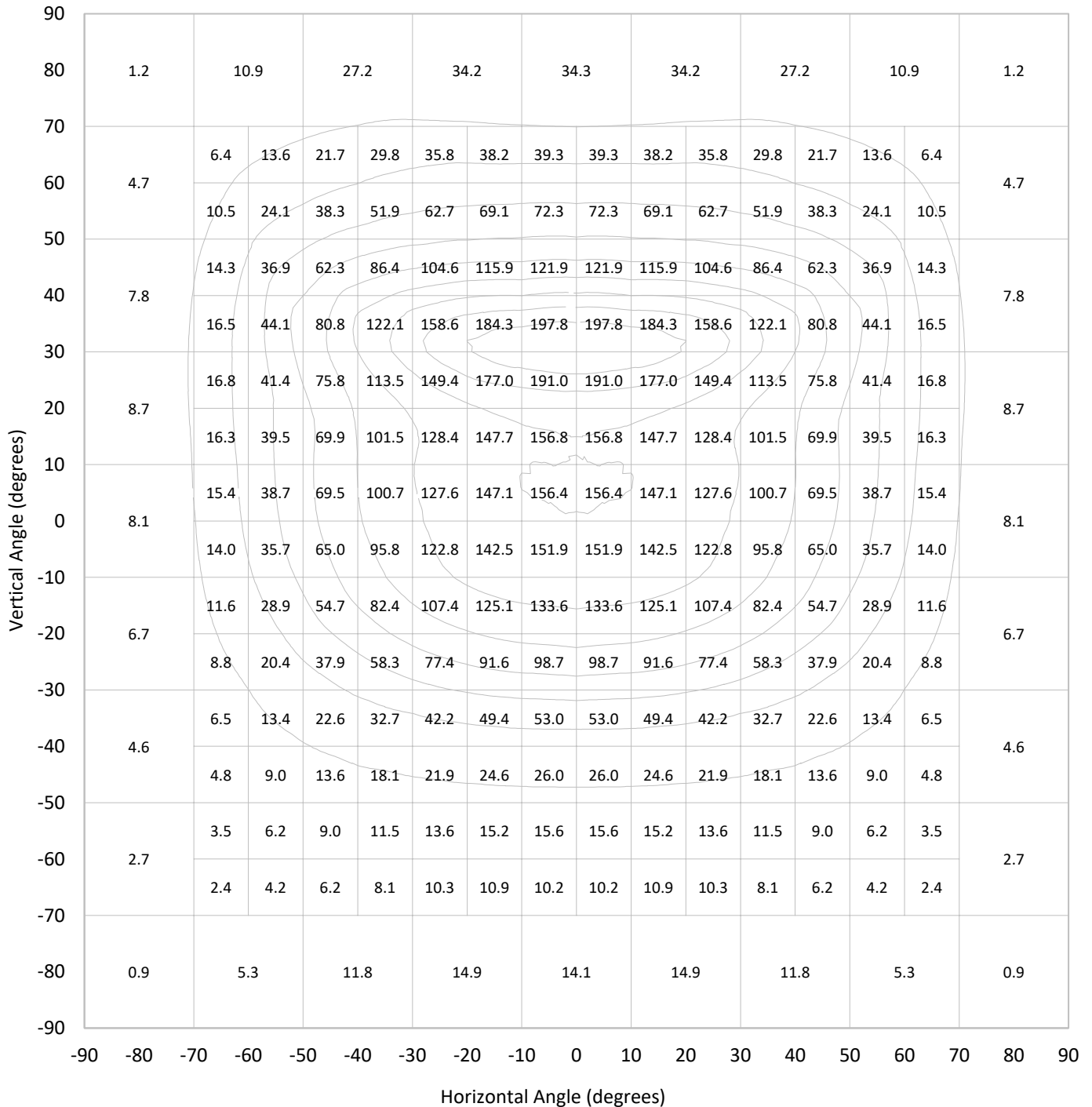
Iso-Candela Plot





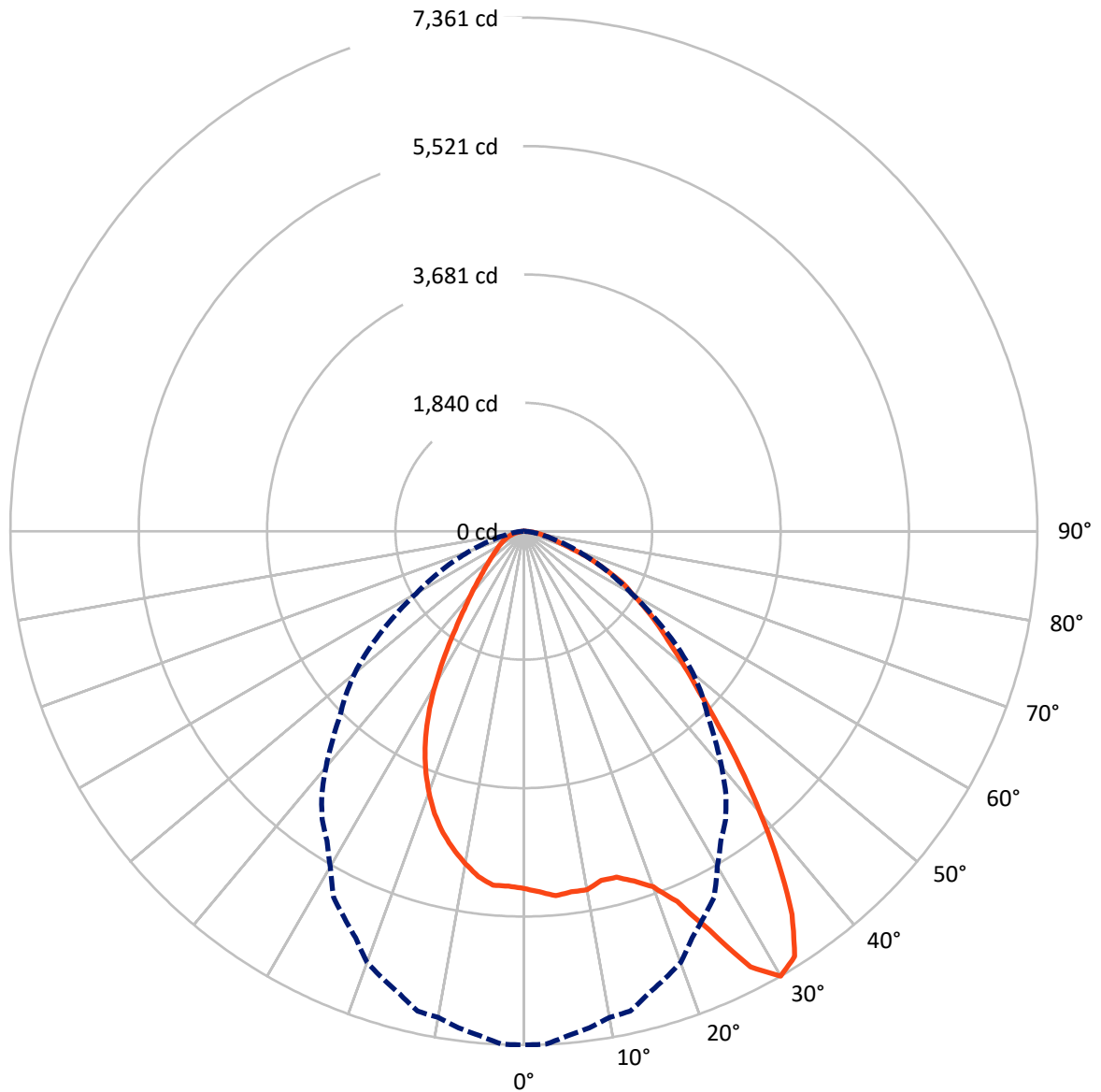
REPORT NUMBER: P722282
 CATALOG NUMBER: IFLD-S-SA2E-935-U-76

Lumen Table



REPORT NUMBER: P722282
CATALOG NUMBER: IFLD-S-SA2E-935-U-76

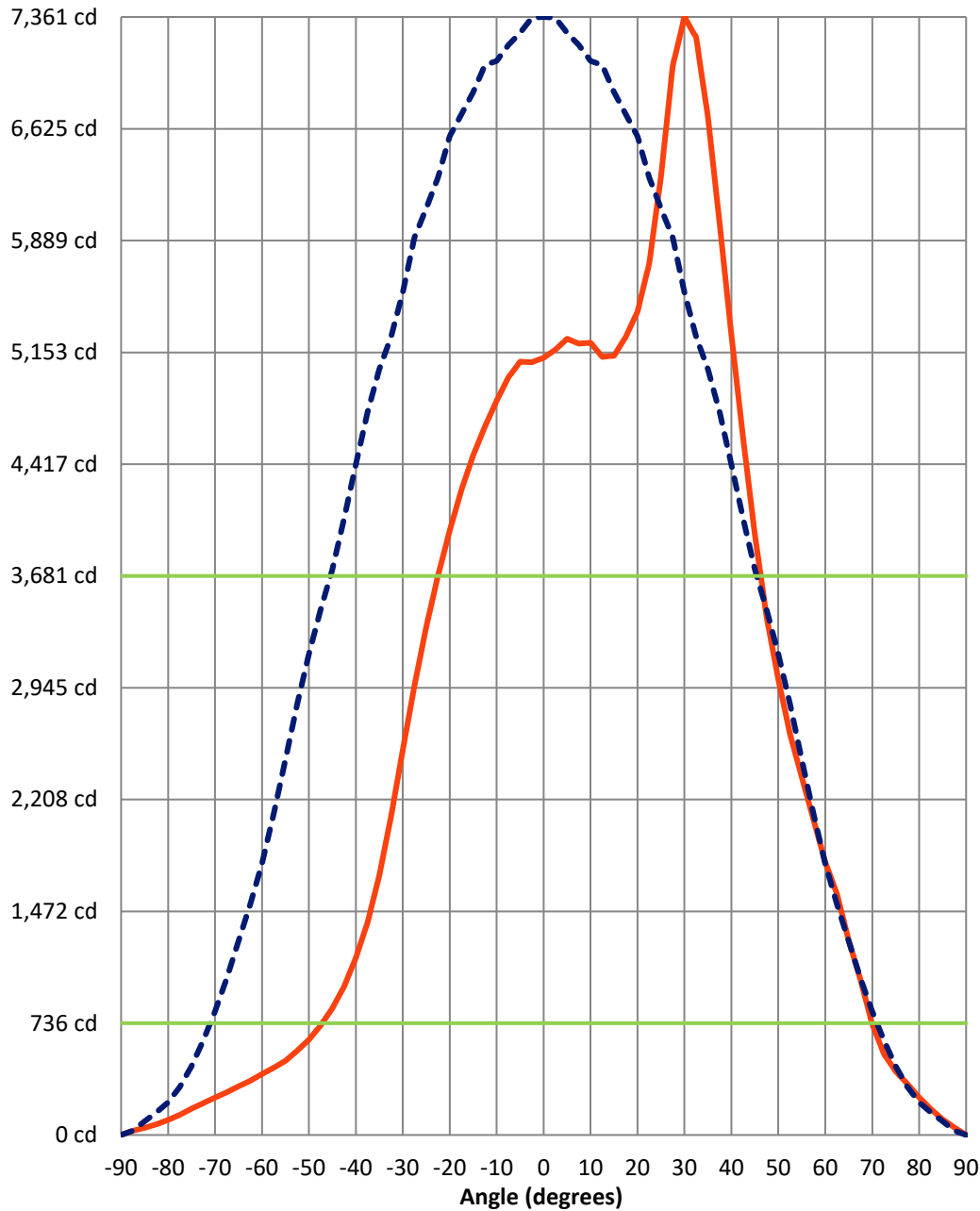
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722282
 CATALOG NUMBER: IFLD-S-SA2E-935-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 7145.5
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 11515.2
 Efficiency: 93.7%

Spill:
 Lumens: 772.5
 Efficiency: 6.3%

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



REPORT NUMBER: P722282
 CATALOG NUMBER: IFLD-S-SA2E-935-U-76

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°	49.5	50.8	52.1	52.1	50.8	50.8	50.8	49.5	50.8	50.8	50.8
85°	102.8	105.4	108.0	106.7	105.4	102.8	100.2	101.5	102.8	104.1	104.1
82.5°	170.5	174.4	177.0	175.7	173.1	170.5	167.9	169.2	171.8	173.1	173.1
80°	247.3	248.6	249.9	252.5	248.6	248.6	247.3	252.5	255.1	257.7	260.3
77.5°	335.8	337.1	337.1	338.4	339.8	341.1	341.1	350.2	356.7	360.6	364.5
75°	419.2	423.1	427.0	430.9	436.1	438.7	442.6	455.6	466.0	473.8	481.6
72.5°	533.7	538.9	545.4	554.5	563.6	570.2	579.3	594.9	606.6	614.4	623.5
70°	730.3	735.5	742.0	748.5	757.6	764.1	773.2	792.8	804.5	809.7	814.9
67.5°	1021.9	1034.9	1046.6	1033.6	1027.1	1017.9	1020.6	1038.8	1050.5	1058.3	1057.0
65°	1280.9	1290.0	1290.0	1288.7	1283.5	1271.8	1278.3	1300.4	1313.4	1319.9	1300.4
62.5°	1585.5	1585.5	1579.0	1589.4	1590.7	1582.9	1579.0	1580.3	1581.6	1585.5	1553.0
60°	1796.4	1809.4	1813.3	1822.4	1825.0	1825.0	1831.5	1836.7	1836.7	1828.9	1791.2
57.5°	2074.9	2099.7	2104.9	2098.4	2085.4	2068.4	2065.8	2058.0	2042.4	2026.8	2008.6
55°	2356.1	2369.1	2367.8	2363.9	2350.9	2331.4	2334.0	2323.6	2298.8	2279.3	2254.6
52.5°	2638.6	2669.8	2675.0	2667.2	2649.0	2628.2	2629.5	2617.8	2593.0	2572.2	2538.4
50°	2999.2	3025.2	3022.6	3009.6	2983.6	2967.9	2969.2	2947.1	2918.5	2912.0	2867.7
47.5°	3411.8	3441.8	3436.6	3418.3	3383.2	3376.7	3383.2	3354.5	3337.6	3323.3	3271.2
45°	3953.3	3988.5	3969.0	3933.8	3877.8	3884.3	3893.5	3888.3	3851.8	3814.1	3747.7
42.5°	4588.6	4610.7	4587.3	4552.1	4481.8	4494.9	4489.6	4458.4	4436.3	4373.8	4289.2
40°	5268.1	5316.2	5279.8	5225.1	5152.2	5171.8	5157.4	5117.1	5065.0	4986.9	4880.2
37.5°	6001.0	6038.7	5997.0	5933.3	5868.2	5861.7	5833.0	5770.5	5696.3	5610.4	5439.9
35°	6702.6	6800.2	6723.4	6621.9	6542.5	6512.5	6485.2	6340.7	6256.1	6116.8	5883.8
32.5°	7224.6	7296.2	7201.1	7095.7	6999.4	6957.7	6861.4	6689.6	6644.0	6351.1	6137.6
30°	7361.3	7356.0	7257.1	7176.4	7072.3	7043.6	6866.6	6720.8	6575.0	6304.3	6101.2
27.5°	7035.8	7003.3	6908.3	6838.0	6735.1	6701.3	6526.8	6448.7	6223.5	5994.4	5822.6
25°	6310.8	6327.7	6256.1	6220.9	6153.3	6080.4	6011.4	5905.9	5765.3	5564.9	5407.4
22.5°	5739.3	5761.4	5731.5	5689.8	5637.8	5597.4	5545.3	5463.3	5328.0	5204.3	5055.9
20°	5421.7	5415.2	5389.1	5357.9	5308.4	5279.8	5222.5	5153.5	5049.4	4942.6	4782.5
17.5°	5255.1	5214.7	5190.0	5178.3	5152.2	5115.8	5048.1	4977.8	4897.1	4776.0	4658.9
15°	5131.4	5137.9	5118.4	5109.3	5088.4	5037.7	4968.7	4911.4	4802.1	4740.9	4634.1
12.5°	5123.6	5117.1	5118.4	5114.5	5088.4	5023.4	4988.2	4915.3	4845.0	4764.3	4642.0
10°	5216.0	5147.0	5152.2	5170.5	5128.8	5076.7	5039.0	4959.6	4893.2	4790.3	4669.3
7.5°	5210.8	5175.7	5186.1	5156.1	5169.1	5105.4	5053.3	4973.9	4890.6	4781.2	4671.9
5°	5242.0	5188.7	5179.6	5182.2	5149.6	5101.5	5031.2	4955.7	4877.6	4755.2	4643.3
2.5°	5170.5	5178.3	5136.6	5121.0	5117.1	5036.4	4971.3	4898.4	4817.7	4709.6	4609.4
0°	5117.1	5131.4	5088.4	5066.3	5065.0	4996.0	4954.4	4871.1	4813.8	4724.0	4602.9
-2.5°	5088.4	5105.4	5110.6	5070.2	5031.2	4977.8	4907.5	4817.7	4724.0	4619.8	4515.7
-5°	5091.0	5057.2	5042.9	5055.9	5022.1	4968.7	4890.6	4811.2	4718.8	4606.8	4476.6
-7.5°	4988.2	4954.4	4951.8	4945.3	4937.4	4886.7	4821.6	4735.7	4642.0	4537.8	4416.8
-10°	4834.6	4809.9	4803.4	4796.9	4776.0	4746.1	4684.9	4606.8	4522.2	4418.1	4289.2
-12.5°	4664.1	4652.4	4627.6	4610.7	4589.9	4554.7	4496.2	4424.6	4340.0	4247.5	4136.9
-15°	4475.3	4453.2	4428.5	4414.1	4384.2	4342.6	4284.0	4217.6	4125.2	4034.0	3929.9
-17.5°	4247.5	4220.2	4192.9	4189.0	4168.1	4104.3	4049.7	3969.0	3888.3	3801.0	3699.5
-20°	3979.4	3941.6	3923.4	3913.0	3884.3	3837.5	3778.9	3704.7	3626.6	3543.3	3426.1



REPORT NUMBER: P722282

CATALOG NUMBER: IFLD-S-SA2E-935-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	3682.6	3650.0	3618.8	3599.3	3574.5	3538.1	3482.1	3417.0	3340.2	3246.5	3138.5
-25°	3345.4	3299.9	3280.3	3258.2	3245.2	3211.4	3156.7	3096.8	3017.4	2926.3	2823.4
-27.5°	2960.1	2923.7	2913.3	2882.0	2866.4	2831.3	2785.7	2729.7	2656.8	2570.9	2486.3
-30°	2534.5	2512.3	2495.4	2464.2	2452.4	2414.7	2384.8	2337.9	2271.5	2210.3	2142.6
-32.5°	2097.1	2074.9	2069.7	2055.4	2047.6	2022.9	1989.0	1955.2	1901.8	1856.3	1801.6
-35°	1709.2	1693.5	1694.8	1693.5	1685.7	1667.5	1625.9	1616.7	1577.7	1536.0	1500.9
-37.5°	1399.4	1400.7	1399.4	1398.1	1387.6	1379.8	1349.9	1338.2	1314.7	1274.4	1253.6
-40°	1166.3	1168.9	1167.6	1165.0	1153.3	1149.4	1129.9	1114.3	1105.2	1076.5	1054.4
-42.5°	977.6	981.5	980.2	978.9	971.1	969.8	959.4	941.1	935.9	919.0	895.6
-45°	834.4	833.1	830.5	833.1	829.2	825.3	818.8	807.1	800.6	792.8	773.2
-47.5°	721.2	722.5	719.9	719.9	714.6	710.7	708.1	700.3	695.1	688.6	676.9
-50°	627.4	632.6	631.3	630.0	626.1	623.5	623.5	615.7	607.9	605.3	597.5
-52.5°	554.5	558.4	559.7	562.3	563.6	564.9	561.0	553.2	540.2	538.9	535.0
-55°	488.1	499.9	507.7	512.9	518.1	522.0	514.2	503.8	490.8	485.5	484.2
-57.5°	442.6	454.3	463.4	471.2	477.7	484.2	476.4	466.0	454.3	447.8	446.5
-60°	400.9	411.3	420.5	430.9	440.0	450.4	446.5	438.7	432.2	427.0	421.8
-62.5°	356.7	367.1	377.5	390.5	402.2	412.6	413.9	412.6	411.3	412.6	403.5
-65°	320.2	325.4	331.9	346.3	359.3	371.0	377.5	381.4	387.9	394.4	385.3
-67.5°	281.2	287.7	295.5	305.9	316.3	324.1	333.2	343.7	354.1	364.5	358.0
-70°	246.0	251.2	257.7	262.9	269.5	274.7	282.5	294.2	305.9	316.3	313.7
-72.5°	209.6	214.8	218.7	221.3	225.2	227.8	231.7	242.1	249.9	255.1	255.1
-75°	173.1	178.3	182.2	183.5	186.1	187.4	190.1	194.0	197.9	199.2	200.5
-77.5°	132.8	138.0	141.9	144.5	147.1	149.7	151.0	153.6	154.9	154.9	156.2
-80°	98.9	102.8	105.4	109.3	110.6	113.3	115.9	117.2	118.5	118.5	119.8
-82.5°	70.3	72.9	75.5	78.1	80.7	82.0	84.6	85.9	87.2	88.5	89.8
-85°	46.9	49.5	52.1	54.7	56.0	57.3	58.6	59.9	61.2	62.5	63.8
-87.5°	27.3	28.6	29.9	32.5	33.8	36.4	37.8	36.4	37.8	37.8	37.8
-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: P722282
 CATALOG NUMBER: IFLD-S-SA2E-935-U-76

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°	50.8	50.8	50.8	50.8	49.5	46.9	45.6	43.0	40.4	37.8	35.1
85°	105.4	106.7	106.7	106.7	104.1	102.8	98.9	95.0	89.8	82.0	75.5
82.5°	175.7	177.0	177.0	175.7	173.1	169.2	164.0	157.5	147.1	136.7	127.6
80°	264.3	265.6	265.6	264.3	257.7	251.2	244.7	236.9	223.9	209.6	194.0
77.5°	369.7	372.3	372.3	368.4	359.3	351.5	341.1	328.0	308.5	287.7	266.9
75°	492.1	498.6	499.9	496.0	484.2	469.9	453.0	430.9	400.9	374.9	350.2
72.5°	633.9	640.4	645.7	640.4	623.5	604.0	579.3	553.2	523.3	488.1	446.5
70°	820.1	826.6	830.5	813.6	783.6	751.1	721.2	691.2	656.1	613.1	567.6
67.5°	1054.4	1047.9	1040.1	1006.2	968.5	929.4	887.8	843.5	798.0	752.4	699.0
65°	1279.6	1261.4	1244.4	1204.1	1155.9	1105.2	1057.0	1007.5	952.9	895.6	844.8
62.5°	1516.5	1477.5	1435.8	1386.3	1336.9	1280.9	1232.7	1174.2	1113.0	1042.7	977.6
60°	1749.5	1702.7	1661.0	1599.8	1534.7	1459.2	1407.2	1349.9	1278.3	1202.8	1126.0
57.5°	1974.7	1923.9	1878.4	1825.0	1754.7	1672.7	1615.4	1541.2	1465.7	1370.7	1292.6
55°	2214.2	2163.5	2127.0	2067.1	1990.3	1914.8	1852.4	1774.3	1668.8	1567.3	1470.9
52.5°	2488.9	2448.5	2409.5	2348.3	2255.9	2179.1	2110.1	2022.9	1912.2	1787.3	1671.4
50°	2796.1	2775.3	2733.6	2662.0	2556.6	2488.9	2397.8	2281.9	2163.5	2032.0	1887.5
47.5°	3203.5	3169.7	3111.1	3033.0	2944.5	2843.0	2720.6	2585.2	2417.3	2271.5	2117.9
45°	3690.4	3627.9	3552.4	3447.0	3337.6	3223.1	3089.0	2917.2	2692.0	2501.9	2340.5
42.5°	4217.6	4133.0	4030.1	3892.2	3750.3	3609.7	3465.2	3230.9	2949.7	2731.0	2548.8
40°	4768.2	4660.2	4531.3	4330.8	4173.3	3992.4	3827.1	3476.9	3177.5	2940.6	2746.6
37.5°	5307.1	5170.5	4954.4	4710.9	4527.4	4379.0	4015.8	3640.9	3372.8	3112.4	2915.9
35°	5719.8	5603.9	5222.5	4970.0	4812.5	4578.2	4123.9	3739.9	3456.1	3240.0	2934.1
32.5°	5964.5	5665.1	5330.6	5075.4	4945.3	4561.2	4131.7	3768.5	3495.1	3253.0	2887.2
30°	5909.8	5548.0	5255.1	5041.6	4759.1	4414.1	4058.8	3724.2	3458.7	3165.8	2835.2
27.5°	5580.5	5300.6	5039.0	4816.4	4539.1	4229.3	3901.3	3607.1	3359.8	3076.0	2763.6
25°	5208.2	4954.4	4760.4	4566.5	4303.5	4008.0	3719.0	3506.8	3258.2	2978.3	2669.8
22.5°	4865.8	4683.6	4531.3	4328.2	4071.8	3814.1	3634.4	3414.4	3159.3	2875.5	2573.5
20°	4647.2	4523.5	4349.1	4125.2	3923.4	3762.0	3562.8	3329.8	3066.9	2770.1	2491.5
17.5°	4541.7	4398.5	4204.6	4058.8	3903.9	3726.8	3504.2	3256.9	2977.0	2721.9	2500.6
15°	4487.0	4336.0	4208.5	4065.3	3890.9	3704.7	3457.4	3200.9	2977.0	2741.4	2507.1
12.5°	4498.8	4368.6	4229.3	4073.1	3885.6	3686.5	3462.6	3224.4	2992.7	2755.8	2508.4
10°	4535.2	4398.5	4250.1	4077.0	3888.3	3691.7	3476.9	3238.7	3000.5	2762.3	2505.8
7.5°	4548.2	4399.8	4241.0	4066.6	3881.7	3689.1	3479.5	3242.6	3001.8	2761.0	2498.0
5°	4507.9	4373.8	4220.2	4044.5	3863.5	3676.1	3469.1	3237.4	2991.4	2747.9	2478.5
2.5°	4453.2	4345.2	4198.1	4028.8	3845.3	3657.8	3452.2	3214.0	2967.9	2724.5	2453.8
0°	4444.1	4310.0	4161.6	4010.6	3815.4	3617.5	3413.1	3169.7	2925.0	2680.3	2410.8
-2.5°	4384.2	4242.3	4093.9	3929.9	3758.1	3558.9	3344.1	3105.9	2863.8	2623.0	2363.9
-5°	4338.6	4181.1	4023.6	3846.6	3673.5	3474.3	3251.7	3020.0	2783.1	2548.8	2298.8
-7.5°	4277.5	4116.1	3950.7	3765.9	3578.4	3375.4	3155.4	2923.7	2690.7	2457.7	2218.1
-10°	4153.8	4011.9	3857.0	3665.7	3467.8	3264.7	3046.0	2818.2	2585.2	2349.6	2108.8
-12.5°	4004.1	3854.4	3685.2	3509.5	3332.4	3143.7	2925.0	2701.1	2466.8	2229.9	1990.3
-15°	3810.1	3663.1	3489.9	3318.1	3147.6	2966.6	2774.0	2572.2	2334.0	2101.0	1861.5
-17.5°	3568.0	3430.0	3275.1	3111.1	2941.9	2759.7	2572.2	2401.7	2179.1	1960.4	1723.5
-20°	3307.7	3178.8	3039.5	2884.6	2715.4	2537.1	2360.0	2181.7	1989.0	1796.4	1576.4



REPORT NUMBER: P722282

CATALOG NUMBER: IFLD-S-SA2E-935-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	3036.9	2906.8	2766.2	2621.7	2465.5	2300.1	2136.1	1965.6	1796.4	1621.9	1435.8
-25°	2724.5	2610.0	2481.1	2340.5	2201.2	2056.7	1900.5	1745.6	1601.1	1450.1	1297.8
-27.5°	2397.8	2292.3	2175.2	2052.8	1933.1	1812.0	1676.6	1533.4	1413.7	1288.7	1162.4
-30°	2054.1	1969.5	1874.5	1767.7	1675.3	1577.7	1464.4	1346.0	1236.6	1141.6	1040.1
-32.5°	1728.7	1657.1	1589.4	1519.1	1428.0	1352.5	1274.4	1187.2	1090.8	1001.0	928.1
-35°	1448.8	1372.0	1343.4	1291.3	1226.2	1159.8	1102.6	1040.1	967.2	887.8	827.9
-37.5°	1213.2	1167.6	1127.3	1098.7	1055.7	1002.3	956.8	911.2	855.2	795.4	735.5
-40°	1029.7	998.4	954.2	939.8	912.5	876.1	829.2	794.1	756.3	710.7	660.0
-42.5°	882.6	859.1	830.5	805.8	794.1	768.0	731.6	697.7	667.8	636.5	597.5
-45°	761.5	745.9	727.7	705.5	696.4	675.6	649.6	611.8	594.9	568.9	540.2
-47.5°	663.9	656.1	643.1	628.7	615.7	600.1	576.7	553.2	529.8	512.9	490.8
-50°	587.1	581.9	574.1	562.3	545.4	535.0	519.4	498.6	476.4	462.1	446.5
-52.5°	525.9	520.7	515.5	506.4	493.4	482.9	469.9	453.0	434.8	420.5	407.4
-55°	479.0	471.2	467.3	459.5	449.1	437.4	425.7	413.9	398.3	385.3	372.3
-57.5°	442.6	432.2	427.0	420.5	410.0	398.3	389.2	377.5	367.1	352.8	341.1
-60°	413.9	402.2	391.8	385.3	376.2	364.5	355.4	346.3	335.8	324.1	309.8
-62.5°	390.5	376.2	361.9	354.1	345.0	334.5	325.4	316.3	305.9	294.2	281.2
-65°	368.4	351.5	333.2	325.4	316.3	305.9	294.2	287.7	278.6	268.2	255.1
-67.5°	341.1	322.8	307.2	298.1	289.0	279.9	269.5	262.9	253.8	240.8	227.8
-70°	300.7	289.0	278.6	270.8	262.9	255.1	244.7	234.3	223.9	212.2	200.5
-72.5°	249.9	246.0	244.7	240.8	231.7	222.6	212.2	201.8	192.7	183.5	174.4
-75°	201.8	204.4	207.0	205.7	196.6	187.4	178.3	169.2	162.7	154.9	147.1
-77.5°	160.1	162.7	165.3	165.3	158.8	153.6	147.1	140.6	135.4	128.9	121.1
-80°	123.7	127.6	131.5	134.1	128.9	125.0	119.8	114.6	109.3	104.1	98.9
-82.5°	93.7	97.6	101.5	104.1	100.2	97.6	93.7	89.8	85.9	80.7	76.8
-85°	67.7	70.3	72.9	74.2	71.6	69.0	66.4	63.8	61.2	57.3	54.7
-87.5°	39.1	40.4	41.7	43.0	40.4	37.8	36.4	33.8	32.5	29.9	28.6
-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: P722282
 CATALOG NUMBER: IFLD-S-SA2E-935-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°	32.5	29.9	27.3	26.0	23.4	19.5	16.9	14.3	11.7	9.1	7.8
85°	69.0	62.5	54.7	50.8	45.6	40.4	35.1	29.9	24.7	19.5	14.3
82.5°	118.5	110.6	102.8	93.7	82.0	67.7	53.4	44.3	36.4	28.6	22.1
80°	178.3	164.0	151.0	139.3	126.3	108.0	88.5	70.3	49.5	37.8	28.6
77.5°	247.3	230.4	212.2	192.7	171.8	147.1	125.0	101.5	76.8	52.1	36.4
75°	325.4	303.3	278.6	251.2	223.9	191.4	160.1	132.8	104.1	72.9	44.3
72.5°	412.6	385.3	355.4	318.9	276.0	238.2	200.5	164.0	130.2	92.4	59.9
70°	524.6	481.6	437.4	398.3	343.7	283.8	239.5	197.9	154.9	113.3	75.5
67.5°	644.4	592.3	538.9	481.6	412.6	342.4	278.6	231.7	180.9	132.8	89.8
65°	774.5	709.4	641.8	578.0	482.9	399.6	328.0	264.3	205.7	151.0	104.1
62.5°	908.6	831.8	753.7	670.4	561.0	458.2	374.9	300.7	229.1	167.9	117.2
60°	1051.8	962.0	866.9	762.8	635.2	522.0	419.2	338.4	253.8	184.8	131.5
57.5°	1202.8	1105.2	993.2	852.6	712.0	583.2	469.9	372.3	276.0	200.5	141.9
55°	1366.8	1254.9	1132.5	946.4	787.5	644.4	520.7	406.1	299.4	213.5	152.3
52.5°	1543.8	1413.7	1258.8	1045.3	866.9	706.8	567.6	436.1	321.5	227.8	161.4
50°	1741.7	1577.7	1369.4	1136.4	935.9	765.4	614.4	468.6	339.8	243.4	169.2
47.5°	1947.4	1770.3	1468.3	1221.0	1006.2	822.7	662.6	497.3	358.0	256.4	177.0
45°	2162.2	1904.4	1571.2	1296.5	1067.4	874.8	699.0	523.3	380.1	268.2	183.5
42.5°	2374.3	2006.0	1661.0	1372.0	1124.7	921.6	729.0	548.0	398.3	279.9	190.1
40°	2474.6	2082.8	1732.6	1424.1	1172.9	963.3	755.0	570.2	413.9	287.7	196.6
37.5°	2516.2	2129.6	1779.5	1473.6	1210.6	985.4	777.1	589.7	427.0	295.5	201.8
35°	2525.3	2146.5	1802.9	1507.4	1241.8	1006.2	794.1	604.0	437.4	303.3	207.0
32.5°	2508.4	2141.3	1809.4	1519.1	1261.4	1021.9	805.8	614.4	445.2	311.1	212.2
30°	2470.7	2114.0	1786.0	1517.8	1275.7	1031.0	813.6	622.2	453.0	316.3	214.8
27.5°	2409.5	2065.8	1756.0	1519.1	1283.5	1034.9	817.5	626.1	458.2	320.2	220.0
25°	2334.0	2000.8	1757.3	1516.5	1284.8	1036.2	817.5	626.1	459.5	321.5	223.9
22.5°	2246.8	2000.8	1757.3	1512.6	1277.0	1033.6	813.6	623.5	459.5	324.1	227.8
20°	2252.0	2002.1	1753.4	1504.8	1265.3	1025.8	804.5	617.0	455.6	328.0	230.4
17.5°	2255.9	1999.4	1745.6	1494.4	1249.7	1012.7	792.8	607.9	455.6	331.9	231.7
15°	2255.9	1991.6	1733.9	1478.8	1230.1	994.5	775.8	600.1	456.9	333.2	234.3
12.5°	2252.0	1977.3	1715.7	1457.9	1206.7	972.4	765.4	597.5	456.9	334.5	234.3
10°	2244.2	1957.8	1692.2	1431.9	1184.6	964.6	760.2	592.3	454.3	334.5	234.3
7.5°	2229.9	1934.4	1672.7	1416.3	1171.6	955.5	752.4	584.5	450.4	331.9	236.9
5°	2207.7	1921.3	1657.1	1398.1	1153.3	949.0	747.2	578.0	447.8	331.9	234.3
2.5°	2179.1	1905.7	1638.9	1374.6	1132.5	926.8	730.3	563.6	438.7	326.7	231.7
0°	2132.2	1874.5	1607.6	1342.1	1103.9	904.7	713.3	549.3	429.6	321.5	229.1
-2.5°	2089.3	1832.8	1567.3	1308.2	1076.5	885.2	700.3	541.5	425.7	320.2	227.8
-5°	2029.4	1775.6	1513.9	1264.0	1040.1	865.6	687.3	532.4	421.8	317.6	227.8
-7.5°	1963.0	1715.7	1457.9	1218.4	1003.6	831.8	662.6	518.1	412.6	312.4	226.5
-10°	1860.2	1625.9	1387.6	1166.3	964.6	801.9	641.8	505.1	404.8	307.2	221.3
-12.5°	1750.8	1526.9	1306.9	1102.6	920.3	770.6	618.3	490.8	395.7	302.0	218.7
-15°	1635.0	1425.4	1222.3	1036.2	872.2	732.9	593.6	475.1	386.6	295.5	214.8
-17.5°	1513.9	1318.6	1135.1	968.5	824.0	693.8	567.6	460.8	376.2	289.0	210.9
-20°	1386.3	1209.3	1046.6	899.5	773.2	654.8	540.2	443.9	364.5	281.2	205.7



REPORT NUMBER: P722282
 CATALOG NUMBER: IFLD-S-SA2E-935-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1260.1	1101.3	955.5	831.8	721.2	614.4	512.9	427.0	351.5	272.1	201.8
-25°	1148.1	999.7	874.8	766.7	670.4	575.4	484.2	410.0	337.1	262.9	196.6
-27.5°	1038.8	912.5	795.4	705.5	620.9	537.6	456.9	391.8	322.8	252.5	191.4
-30°	937.2	829.2	732.9	645.7	574.1	503.8	433.5	373.6	307.2	242.1	184.8
-32.5°	844.8	757.6	676.9	593.6	529.8	469.9	411.3	355.4	291.6	231.7	178.3
-35°	758.9	691.2	620.9	550.6	485.5	438.7	387.9	335.8	277.3	220.0	171.8
-37.5°	682.1	627.4	571.5	511.6	455.6	408.7	365.8	316.3	262.9	209.6	165.3
-40°	615.7	571.5	522.0	473.8	427.0	382.7	343.7	296.8	248.6	201.8	158.8
-42.5°	554.5	520.7	480.3	440.0	398.3	359.3	321.5	276.0	234.3	192.7	152.3
-45°	507.7	473.8	441.3	404.8	369.7	335.8	298.1	257.7	221.3	182.2	145.8
-47.5°	463.4	433.5	403.5	373.6	345.0	313.7	276.0	242.1	207.0	173.1	140.6
-50°	424.4	395.7	369.7	343.7	318.9	289.0	253.8	226.5	195.3	164.0	134.1
-52.5°	387.9	363.2	337.1	316.3	295.5	265.6	236.9	210.9	183.5	153.6	127.6
-55°	355.4	331.9	308.5	289.0	269.5	243.4	220.0	197.9	171.8	145.8	121.1
-57.5°	324.1	304.6	282.5	264.3	244.7	223.9	204.4	183.5	160.1	138.0	114.6
-60°	295.5	277.3	257.7	239.5	222.6	205.7	187.4	170.5	149.7	128.9	108.0
-62.5°	266.9	251.2	234.3	216.1	203.1	187.4	173.1	156.2	139.3	121.1	96.3
-65°	240.8	226.5	210.9	195.3	183.5	171.8	158.8	143.2	128.9	111.9	85.9
-67.5°	214.8	201.8	188.8	175.7	165.3	156.2	143.2	131.5	119.8	101.5	75.5
-70°	190.1	179.6	167.9	157.5	149.7	139.3	130.2	119.8	109.3	88.5	63.8
-72.5°	166.6	156.2	147.1	139.3	132.8	123.7	115.9	108.0	93.7	74.2	53.4
-75°	139.3	132.8	127.6	121.1	114.6	108.0	101.5	92.4	78.1	59.9	41.7
-77.5°	114.6	110.6	106.7	101.5	96.3	91.1	83.3	74.2	62.5	46.9	33.8
-80°	93.7	89.8	87.2	82.0	78.1	72.9	65.1	57.3	45.6	36.4	27.3
-82.5°	71.6	69.0	66.4	63.8	59.9	54.7	46.9	40.4	33.8	27.3	20.8
-85°	50.8	49.5	46.9	44.3	40.4	36.4	31.2	27.3	23.4	18.2	14.3
-87.5°	26.0	24.7	23.4	22.1	20.8	18.2	15.6	13.0	11.7	9.1	6.5
-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: P722282
 CATALOG NUMBER: IFLD-S-SA2E-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	5.2	3.9	1.3	0.0
85°	10.4	6.5	2.6	0.0
82.5°	15.6	10.4	3.9	0.0
80°	20.8	13.0	6.5	0.0
77.5°	26.0	15.6	7.8	0.0
75°	31.2	19.5	9.1	0.0
72.5°	35.1	22.1	10.4	0.0
70°	41.7	26.0	11.7	0.0
67.5°	52.1	28.6	13.0	0.0
65°	61.2	31.2	14.3	0.0
62.5°	71.6	33.8	15.6	0.0
60°	80.7	36.4	16.9	0.0
57.5°	89.8	43.0	18.2	0.0
55°	97.6	48.2	19.5	0.0
52.5°	106.7	53.4	20.8	0.0
50°	114.6	58.6	22.1	0.0
47.5°	121.1	63.8	22.1	0.0
45°	126.3	67.7	23.4	0.0
42.5°	130.2	71.6	24.7	0.0
40°	134.1	75.5	26.0	0.0
37.5°	138.0	79.4	26.0	0.0
35°	141.9	83.3	27.3	0.0
32.5°	145.8	87.2	27.3	0.0
30°	148.4	89.8	28.6	0.0
27.5°	152.3	92.4	28.6	0.0
25°	153.6	95.0	29.9	0.0
22.5°	156.2	96.3	29.9	0.0
20°	158.8	98.9	29.9	0.0
17.5°	160.1	100.2	31.2	0.0
15°	160.1	101.5	32.5	0.0
12.5°	161.4	102.8	32.5	0.0
10°	161.4	105.4	31.2	0.0
7.5°	164.0	104.1	31.2	0.0
5°	162.7	104.1	31.2	0.0
2.5°	161.4	102.8	31.2	0.0
0°	160.1	102.8	31.2	0.0
-2.5°	160.1	102.8	31.2	0.0
-5°	160.1	102.8	31.2	0.0
-7.5°	158.8	104.1	31.2	0.0
-10°	156.2	104.1	31.2	0.0
-12.5°	154.9	100.2	31.2	0.0
-15°	153.6	98.9	31.2	0.0
-17.5°	151.0	97.6	29.9	0.0
-20°	148.4	96.3	29.9	0.0



REPORT NUMBER: P722282

CATALOG NUMBER: IFLD-S-SA2E-935-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	145.8	93.7	29.9	0.0
-25°	143.2	91.1	28.6	0.0
-27.5°	140.6	88.5	28.6	0.0
-30°	136.7	85.9	27.3	0.0
-32.5°	132.8	83.3	27.3	0.0
-35°	130.2	79.4	26.0	0.0
-37.5°	126.3	75.5	26.0	0.0
-40°	122.4	71.6	24.7	0.0
-42.5°	118.5	67.7	23.4	0.0
-45°	113.3	63.8	23.4	0.0
-47.5°	109.3	59.9	22.1	0.0
-50°	102.8	54.7	20.8	0.0
-52.5°	95.0	49.5	19.5	0.0
-55°	87.2	45.6	18.2	0.0
-57.5°	79.4	40.4	18.2	0.0
-60°	71.6	35.1	16.9	0.0
-62.5°	63.8	32.5	15.6	0.0
-65°	56.0	29.9	14.3	0.0
-67.5°	46.9	26.0	13.0	0.0
-70°	39.1	23.4	11.7	0.0
-72.5°	33.8	20.8	10.4	0.0
-75°	28.6	18.2	9.1	0.0
-77.5°	24.7	15.6	7.8	0.0
-80°	19.5	11.7	5.2	0.0
-82.5°	14.3	9.1	3.9	0.0
-85°	9.1	6.5	2.6	0.0
-87.5°	5.2	2.6	1.3	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)