

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: P722694

Luminaire Tested: **IFLD-S-SA6A-935-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722694
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6A-935-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (96) 3500K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	18325.1 lumens	Max Intensity:	12792.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	96.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	68.6°H x 68.4°V	Field Angle (10%):	111.9°H x 109.7°V
Beam Lumens:	11690.6 lumens	Field Lumens:	17276.4 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

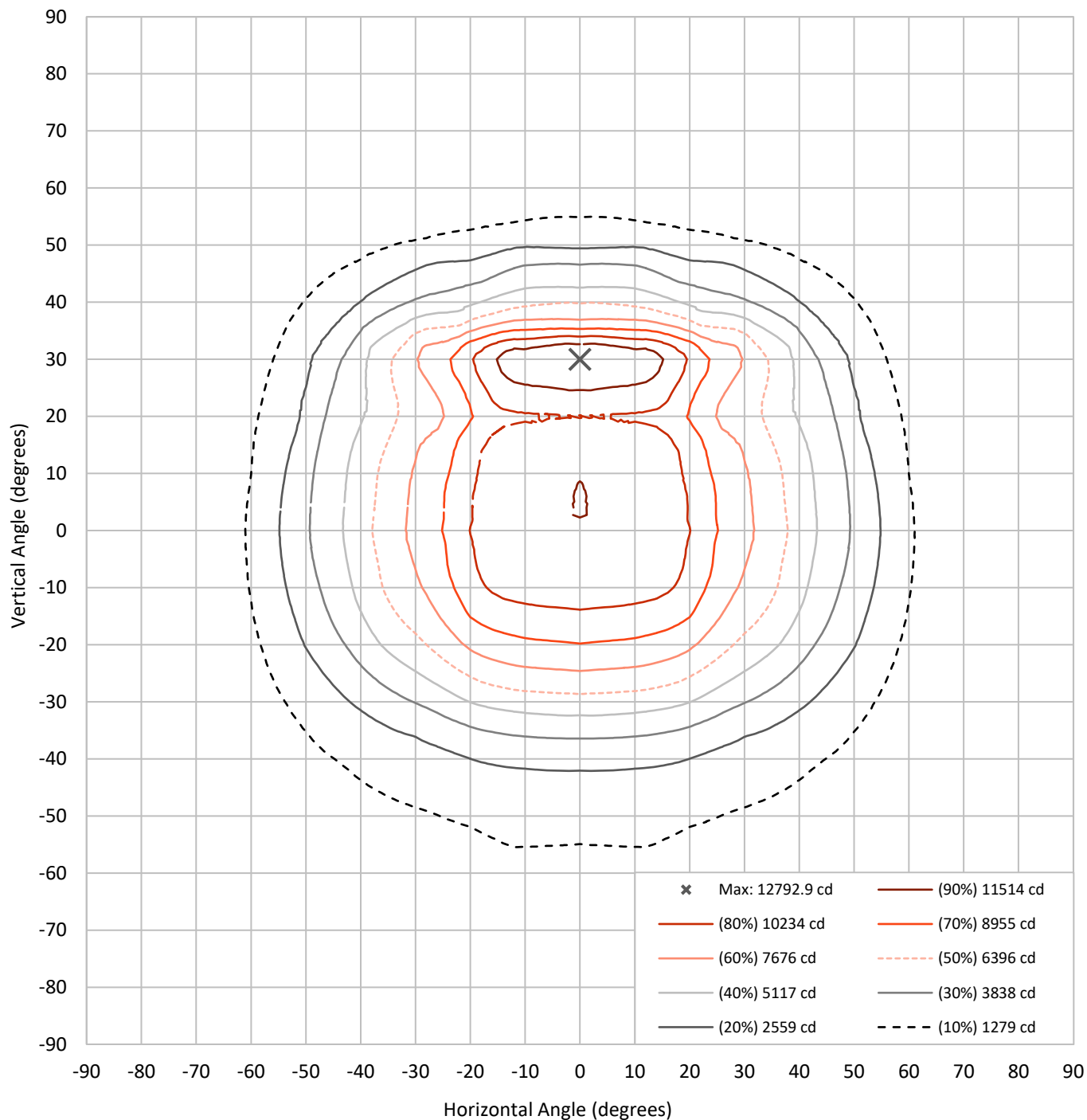
Input Watts (W): 189.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722694

CATALOG NUMBER: IFLD-S-SA6A-935-U-76-VI

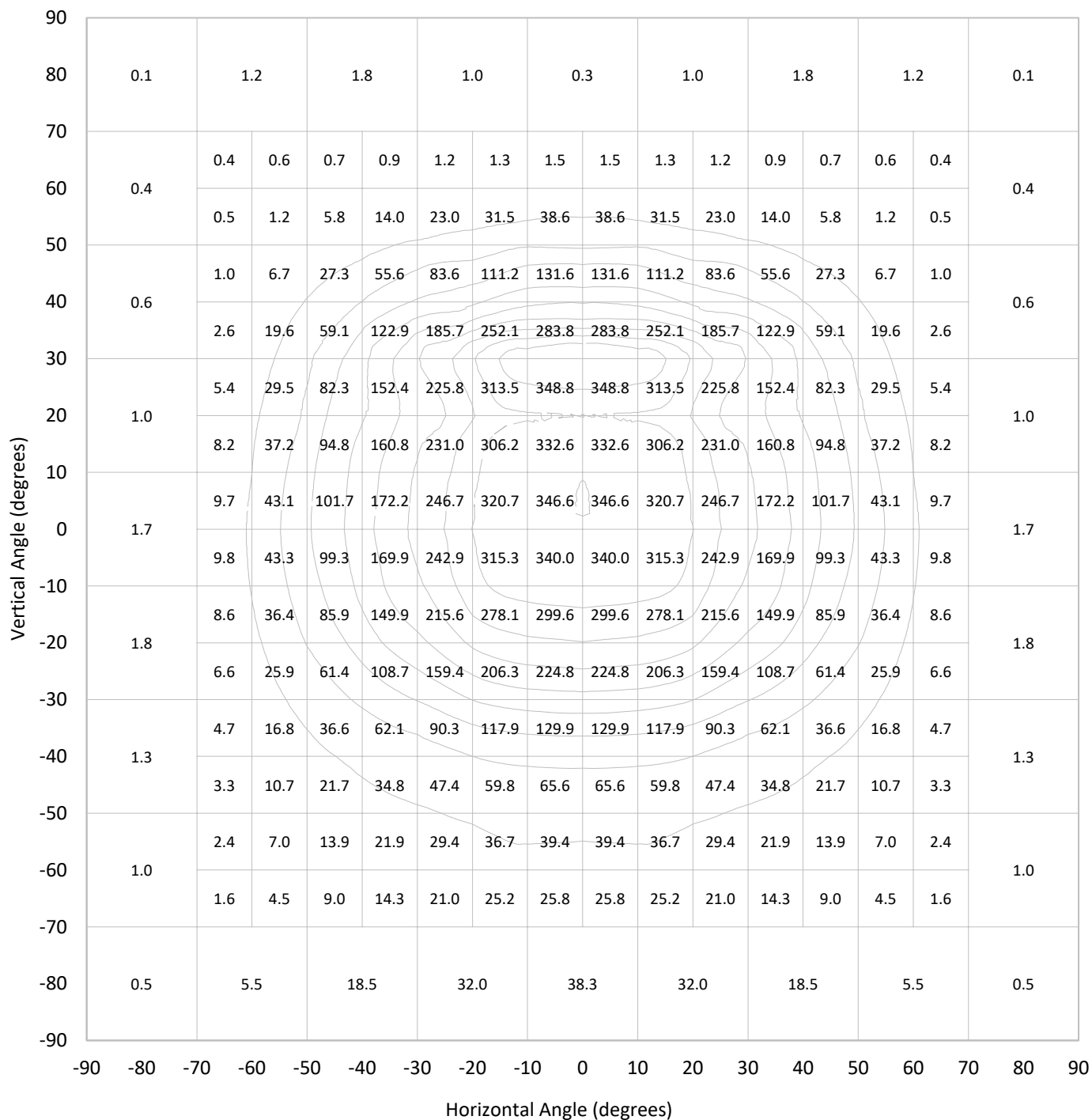
Iso-Candela Plot



REPORT NUMBER: P722694

CATALOG NUMBER: IFLD-S-SA6A-935-U-76-VI

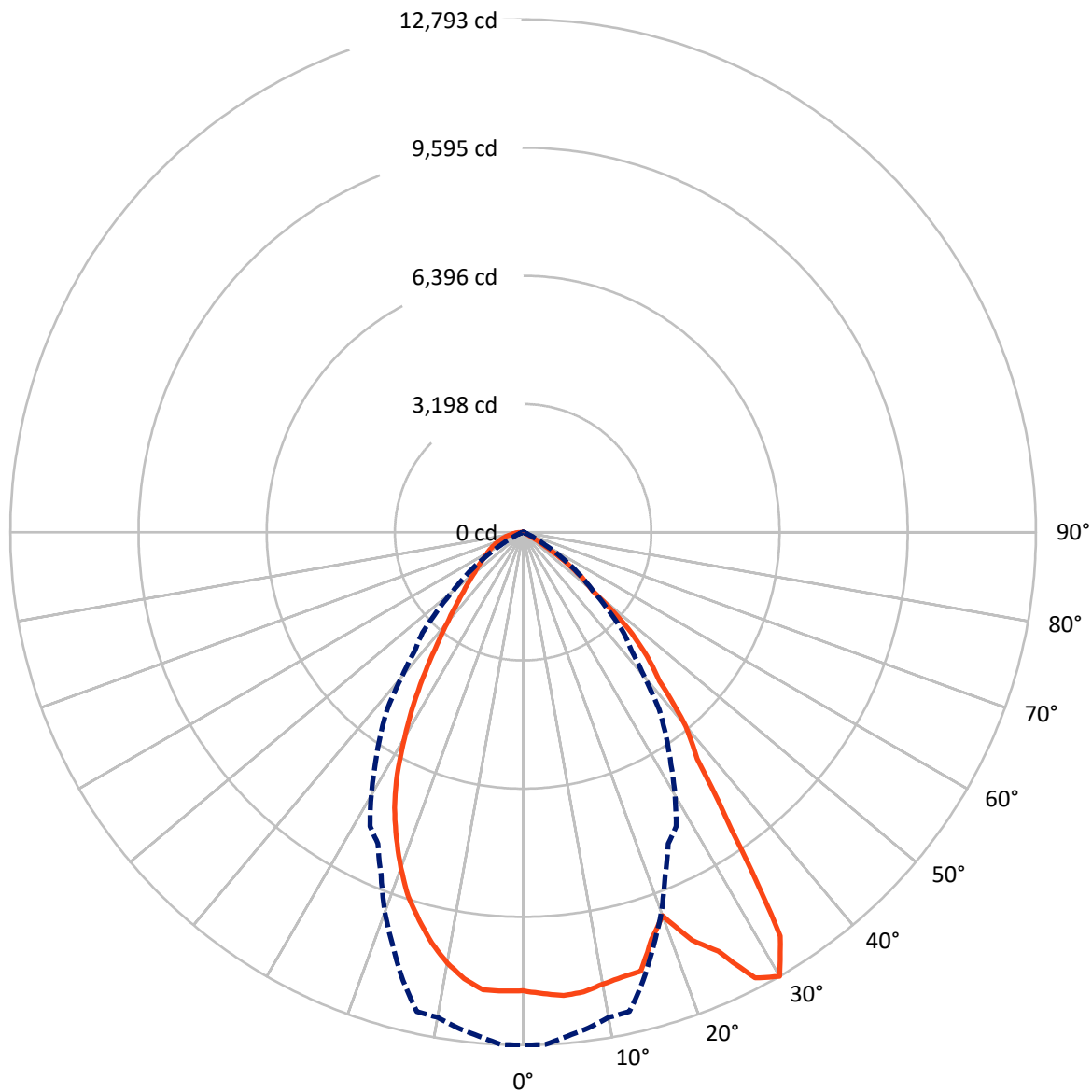
Lumen Table



REPORT NUMBER: P722694

CATALOG NUMBER: IFLD-S-SA6A-935-U-76-VI

Luminous Intensity Polar Plot

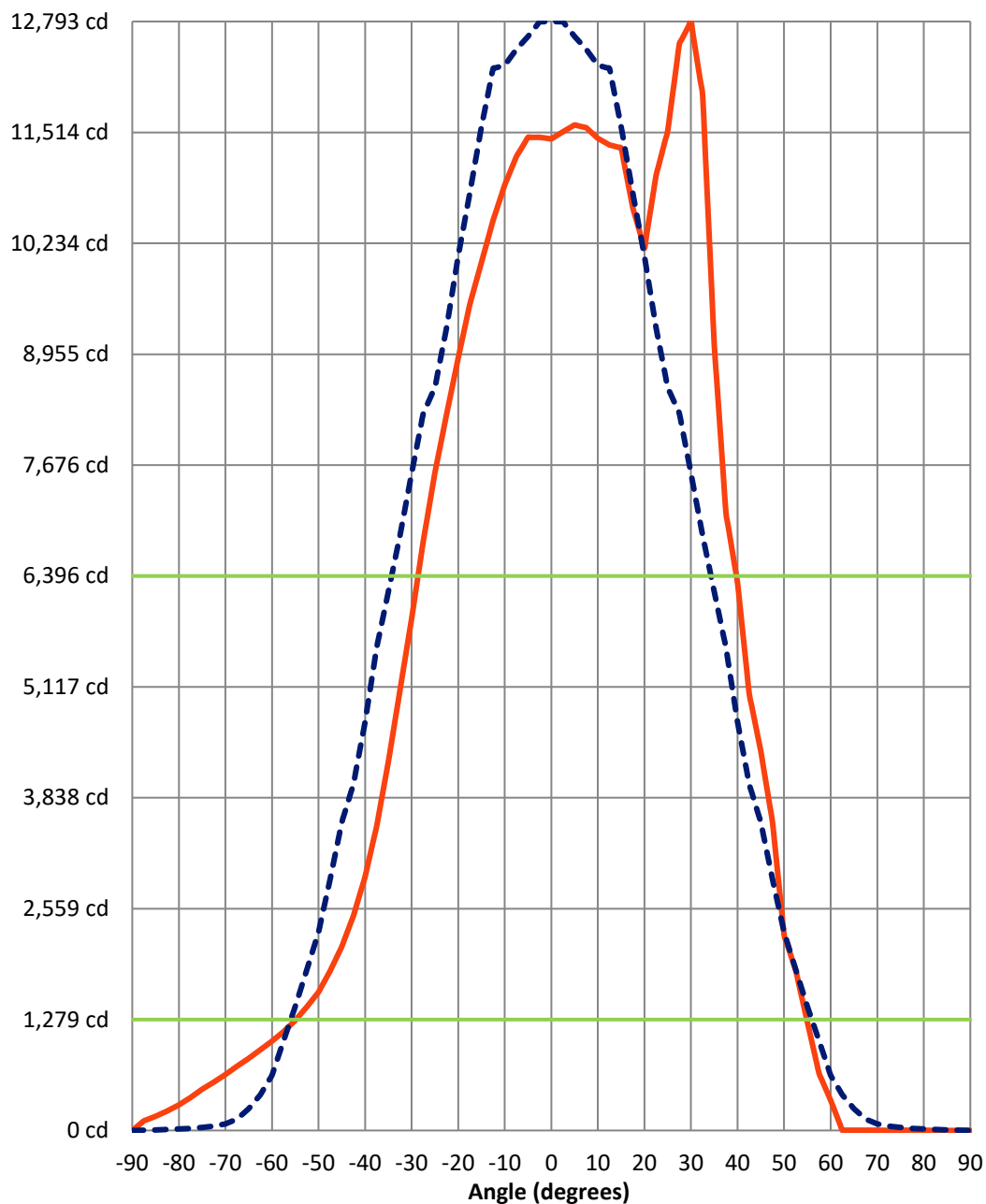


— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722694

CATALOG NUMBER: IFLD-S-SA6A-935-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 11690.6

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 17276.4

Efficiency: 94.3%

Spill:

Lumens: 1048.6

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - Horizontal Distribution through 30-Deg



REPORT NUMBER: P722694

CATALOG NUMBER: IFLD-S-SA6A-935-U-76-VI

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°	0.0	0.0	0.0	0.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9
85°	0.0	2.9	2.9	2.9	5.8	5.8	5.8	5.8	5.8	5.8	8.8
82.5°	0.0	2.9	2.9	2.9	5.8	5.8	5.8	5.8	8.8	8.8	11.7
80°	2.9	2.9	2.9	2.9	5.8	5.8	5.8	8.8	8.8	11.7	11.7
77.5°	2.9	2.9	2.9	5.8	5.8	5.8	8.8	8.8	11.7	11.7	14.6
75°	2.9	2.9	2.9	5.8	5.8	8.8	8.8	8.8	11.7	11.7	14.6
72.5°	0.0	2.9	2.9	5.8	5.8	8.8	8.8	8.8	11.7	11.7	11.7
70°	2.9	2.9	2.9	5.8	5.8	8.8	8.8	8.8	11.7	11.7	11.7
67.5°	2.9	2.9	2.9	5.8	5.8	8.8	8.8	11.7	11.7	11.7	14.6
65°	2.9	2.9	2.9	5.8	8.8	8.8	11.7	14.6	14.6	17.5	20.4
62.5°	2.9	5.8	5.8	8.8	11.7	14.6	32.1	49.6	49.6	35.0	29.2
60°	347.2	376.3	373.4	338.4	294.7	248.0	239.2	230.5	213.0	186.7	195.5
57.5°	659.3	694.3	708.9	700.2	676.8	636.0	612.7	586.4	551.4	510.6	463.9
55°	1248.7	1263.2	1231.2	1169.9	1102.8	1035.7	1012.3	977.3	924.8	872.3	802.3
52.5°	1846.7	1896.3	1881.7	1820.5	1730.0	1610.4	1479.1	1377.0	1315.8	1257.4	1187.4
50°	2255.2	2275.6	2316.4	2389.4	2415.6	2333.9	2121.0	1846.7	1651.3	1750.5	1674.6
47.5°	3559.3	3661.4	3641.0	3588.4	3500.9	3279.2	2981.6	2736.6	2532.3	2465.2	2476.9
45°	4373.2	4414.1	4399.5	4376.1	4335.3	4128.2	3798.5	3422.1	3232.5	3156.7	3077.9
42.5°	5041.3	5085.1	5093.8	5096.8	5053.0	4863.4	4565.8	4189.4	3999.8	3781.0	3608.9
40°	6316.2	6380.4	6307.5	6211.2	6065.3	5849.5	5557.7	5210.5	4875.0	4606.6	4402.4
37.5°	7130.2	7209.0	7238.1	7232.3	7200.2	7106.9	6748.0	6418.4	5904.9	5303.9	5411.8
35°	9061.5	9143.2	9119.9	9032.4	8985.7	8886.5	8536.4	8145.5	7500.7	6847.2	6672.2
32.5°	11941.0	12119.0	11786.4	11421.7	11197.1	11275.9	10919.9	9963.0	9665.5	8486.8	7941.2
30°	12792.9	12790.0	12620.8	12472.0	12288.2	12250.3	11579.3	10814.9	10085.6	9259.9	8571.4
27.5°	12533.3	12480.8	12337.8	12229.9	12057.7	11967.3	11310.9	10704.1	9860.9	9122.8	8457.6
25°	11532.6	11573.5	11427.6	11407.2	11340.1	11165.0	10838.3	10155.6	9402.9	8586.0	8107.5
22.5°	11016.2	11001.6	10826.6	10724.5	10806.2	10619.5	10488.2	9799.7	9014.9	8326.4	7751.6
20°	10176.0	10178.9	10135.2	10126.4	10076.8	9992.2	9887.2	9400.0	8845.7	8256.3	7564.9
17.5°	10645.7	10765.3	10817.8	10383.1	10505.7	10409.4	10298.5	9618.8	9201.6	8679.4	7777.9
15°	11334.2	11290.5	11237.9	11214.6	11147.5	11057.1	10855.8	10313.1	9595.4	9055.7	8352.6
12.5°	11369.2	11284.6	11264.2	11261.3	11191.3	11065.8	10870.4	10421.1	9785.1	9128.6	8556.8
10°	11445.1	11357.6	11345.9	11360.5	11252.5	11173.8	10978.3	10561.1	9843.4	9254.1	8714.4
7.5°	11567.6	11421.7	11488.8	11445.1	11395.5	11270.0	11060.0	10651.5	10056.4	9420.4	8854.4
5°	11599.7	11439.3	11512.2	11471.3	11398.4	11275.9	11048.3	10709.9	10187.7	9487.5	8909.8
2.5°	11520.9	11474.3	11442.2	11366.3	11334.2	11200.0	10984.1	10622.4	10126.4	9458.3	8898.2
0°	11439.3	11480.1	11407.2	11331.3	11316.7	11208.8	11025.0	10698.2	10269.4	9540.0	8997.4
-2.5°	11456.8	11424.7	11375.1	11296.3	11220.4	11065.8	10899.5	10593.2	10132.2	9362.0	8857.3
-5°	11456.8	11308.0	11313.8	11316.7	11240.9	11080.4	10879.1	10619.5	10050.6	9359.1	8816.5
-7.5°	11235.0	11106.7	11086.2	11068.7	11048.3	10899.5	10742.0	10418.1	9913.4	9283.3	8702.7
-10°	10908.3	10782.8	10794.5	10768.2	10704.1	10604.9	10485.3	10193.5	9779.2	9044.0	8472.2
-12.5°	10499.8	10444.4	10412.3	10368.6	10304.4	10216.8	10094.3	9820.1	9376.6	8749.4	8206.7
-15°	10015.5	9974.7	9945.5	9919.3	9825.9	9735.5	9575.0	9321.2	9044.0	8370.1	7815.8
-17.5°	9531.3	9429.1	9388.3	9353.3	9292.0	9146.1	9000.3	8810.6	8422.6	7888.7	7413.2
-20°	8909.8	8848.6	8799.0	8752.3	8664.8	8551.0	8431.4	8212.6	7877.1	7445.3	6952.2

REPORT NUMBER: P722694

CATALOG NUMBER: IFLD-S-SA6A-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	8259.2	8224.2	8183.4	8125.0	8066.7	7958.8	7792.5	7582.4	7319.8	6853.0	6392.1
-25°	7588.2	7521.1	7471.5	7416.1	7369.4	7270.2	7109.8	6908.5	6578.8	6176.2	5791.1
-27.5°	6797.6	6733.4	6707.2	6643.0	6602.1	6511.7	6351.2	6164.5	5867.0	5528.5	5137.6
-30°	5904.9	5916.6	5887.4	5826.1	5776.5	5659.8	5537.3	5379.7	5146.3	4822.5	4472.4
-32.5°	5079.2	5093.8	5058.8	4994.6	4930.5	4845.9	4732.1	4589.1	4414.1	4104.8	3801.4
-35°	4253.6	4247.8	4218.6	4180.7	4136.9	4066.9	3938.5	3830.6	3629.3	3413.4	3203.3
-37.5°	3512.6	3527.2	3518.4	3498.0	3448.4	3390.1	3285.0	3185.8	3037.0	2847.4	2684.0
-40°	2926.2	2943.7	2932.0	2911.6	2867.8	2832.8	2762.8	2675.3	2555.7	2392.3	2255.2
-42.5°	2476.9	2488.6	2474.0	2456.5	2418.6	2392.3	2336.9	2263.9	2164.7	2039.3	1916.8
-45°	2121.0	2123.9	2109.3	2097.6	2068.5	2036.4	1989.7	1931.3	1852.6	1765.0	1665.9
-47.5°	1840.9	1838.0	1823.4	1811.7	1788.4	1759.2	1721.3	1668.8	1607.5	1540.4	1461.6
-50°	1595.8	1610.4	1604.6	1592.9	1575.4	1555.0	1517.1	1461.6	1400.4	1350.8	1295.3
-52.5°	1426.6	1429.5	1426.6	1426.6	1423.7	1409.1	1365.4	1309.9	1242.8	1199.1	1152.4
-55°	1269.1	1283.7	1289.5	1295.3	1298.3	1298.3	1245.7	1187.4	1123.2	1079.4	1044.4
-57.5°	1140.7	1149.5	1155.3	1169.9	1181.6	1190.3	1143.6	1091.1	1041.5	1000.7	968.6
-60°	1029.9	1041.5	1050.3	1064.9	1073.6	1079.4	1050.3	1015.3	986.1	959.8	913.2
-62.5°	930.7	939.4	948.2	956.9	965.7	971.5	959.8	942.3	927.7	916.1	857.7
-65°	831.5	840.2	849.0	860.6	869.4	875.2	872.3	860.6	849.0	837.3	784.8
-67.5°	741.0	749.8	761.4	764.4	770.2	773.1	767.3	758.5	743.9	729.4	688.5
-70°	644.8	650.6	656.4	656.4	656.4	653.5	647.7	636.0	621.4	601.0	568.9
-72.5°	557.2	563.1	568.9	560.1	554.3	545.6	536.8	522.2	507.6	493.0	475.5
-75°	475.5	478.5	478.5	466.8	458.0	449.3	437.6	428.9	414.3	402.6	388.0
-77.5°	379.3	379.3	379.3	370.5	364.7	358.8	350.1	341.3	329.7	320.9	309.2
-80°	294.7	294.7	294.7	291.7	283.0	277.2	271.3	265.5	256.7	250.9	245.1
-82.5°	224.6	224.6	224.6	221.7	215.9	213.0	207.1	201.3	198.4	192.6	189.6
-85°	163.4	166.3	166.3	163.4	160.5	154.6	151.7	148.8	145.9	143.0	137.1
-87.5°	110.9	110.9	110.9	107.9	105.0	105.0	102.1	96.3	90.4	87.5	84.6
-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: P722694

CATALOG NUMBER: IFLD-S-SA6A-935-U-76-VI

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°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
85°	8.8	8.8	8.8	11.7	11.7	11.7	11.7	11.7	11.7	11.7	8.8
82.5°	14.6	14.6	17.5	17.5	20.4	20.4	20.4	20.4	20.4	20.4	20.4
80°	14.6	17.5	20.4	23.3	26.3	29.2	29.2	29.2	29.2	26.3	26.3
77.5°	17.5	17.5	20.4	23.3	26.3	29.2	32.1	35.0	32.1	32.1	32.1
75°	17.5	20.4	20.4	23.3	26.3	29.2	32.1	35.0	35.0	35.0	35.0
72.5°	14.6	17.5	20.4	23.3	23.3	26.3	29.2	29.2	32.1	32.1	35.0
70°	14.6	17.5	20.4	20.4	23.3	23.3	26.3	29.2	29.2	32.1	32.1
67.5°	17.5	20.4	20.4	23.3	26.3	26.3	26.3	29.2	29.2	32.1	32.1
65°	20.4	23.3	23.3	26.3	29.2	29.2	32.1	32.1	32.1	35.0	35.0
62.5°	35.0	35.0	35.0	32.1	35.0	35.0	35.0	37.9	37.9	35.0	37.9
60°	180.9	131.3	90.4	113.8	102.1	46.7	46.7	46.7	43.8	43.8	40.8
57.5°	425.9	396.8	341.3	288.8	259.7	230.5	143.0	58.3	58.3	52.5	46.7
55°	711.9	615.6	574.7	504.7	428.9	393.9	326.8	221.7	105.0	70.0	61.3
52.5°	1102.8	1012.3	907.3	764.4	662.3	580.6	525.1	417.2	280.1	148.8	93.4
50°	1476.2	1435.4	1371.2	1231.2	1018.2	881.1	790.6	668.1	501.8	306.3	175.0
47.5°	2377.7	2036.4	1829.2	1721.3	1543.3	1283.7	1108.6	971.5	770.2	516.4	309.2
45°	2993.3	2777.4	2447.7	2220.2	1957.6	1683.4	1455.8	1298.3	1059.0	773.1	484.3
42.5°	3521.3	3334.6	3037.0	2704.5	2427.3	2068.5	1776.7	1569.6	1368.3	1056.1	723.5
40°	4201.1	3979.4	3693.5	3369.6	3045.8	2587.8	2115.1	1864.2	1642.5	1365.4	977.3
37.5°	5321.4	4930.5	4463.7	4104.8	3681.8	3293.8	2646.1	2202.7	1940.1	1651.3	1274.9
35°	6669.2	6240.4	5461.4	4985.9	4419.9	3842.3	3258.8	2602.3	2228.9	1922.6	1549.2
32.5°	7923.7	7296.5	6298.7	5741.5	5365.2	4300.3	3696.4	3127.5	2526.5	2150.1	1706.7
30°	8270.9	7579.5	6864.7	6214.1	5572.3	4711.7	3996.9	3553.4	2899.9	2287.3	1855.5
27.5°	7920.8	7445.3	6891.0	6287.1	5592.7	4854.6	4180.7	3757.7	3174.2	2380.6	1972.2
25°	7564.9	7068.9	6680.9	6176.2	5534.4	4845.9	4186.5	3886.0	3387.1	2561.5	2036.4
22.5°	7188.6	6879.3	6558.4	5995.3	5388.5	4872.1	4376.1	3996.9	3498.0	2765.7	2062.6
20°	7209.0	7007.7	6654.7	5902.0	5362.2	5026.7	4603.7	4136.9	3617.6	2943.7	2083.0
17.5°	7535.7	7273.2	6829.7	6176.2	5598.6	5184.3	4793.3	4329.5	3740.1	3101.2	2331.0
15°	7938.3	7538.6	7074.8	6500.0	5846.5	5356.4	4939.2	4463.7	3880.2	3247.1	2552.8
12.5°	8230.1	7661.2	7226.5	6707.2	6114.9	5543.1	5035.5	4565.8	4011.5	3366.7	2719.0
10°	8329.3	7812.9	7299.4	6835.5	6252.1	5642.3	5108.4	4630.0	4125.2	3460.1	2841.6
7.5°	8381.8	7944.2	7349.0	6893.9	6333.7	5703.6	5166.8	4665.0	4215.7	3524.3	2920.3
5°	8375.9	8014.2	7386.9	6911.4	6377.5	5729.8	5207.6	4673.7	4279.9	3579.7	2967.0
2.5°	8349.7	8060.9	7448.2	6940.6	6465.0	5779.4	5286.4	4691.2	4303.2	3641.0	2999.1
0°	8446.0	8063.8	7512.4	6949.3	6523.4	5796.9	5321.4	4676.6	4271.1	3658.5	2996.2
-2.5°	8238.8	7891.7	7497.8	6873.5	6444.6	5756.1	5257.2	4630.0	4201.1	3638.0	2984.5
-5°	8203.8	7766.2	7375.3	6803.5	6313.3	5671.5	5137.6	4542.4	4090.2	3570.9	2937.9
-7.5°	8110.5	7646.6	7255.7	6748.0	6190.8	5584.0	5023.8	4452.0	3970.6	3465.9	2870.8
-10°	7906.2	7462.8	7127.3	6628.4	6042.0	5458.5	4886.7	4332.4	3830.6	3323.0	2765.7
-12.5°	7614.5	7171.0	6838.5	6374.6	5855.3	5289.3	4723.3	4177.8	3670.1	3171.2	2640.3
-15°	7284.8	6835.5	6503.0	6079.9	5578.1	5026.7	4516.2	3982.3	3486.3	3010.8	2491.5
-17.5°	6911.4	6485.5	6164.5	5753.2	5254.3	4729.2	4221.5	3737.2	3273.4	2844.5	2319.4
-20°	6479.6	6065.3	5770.7	5359.3	4901.3	4390.7	3897.7	3439.7	3022.5	2619.9	2129.7

REPORT NUMBER: P722694

CATALOG NUMBER: IFLD-S-SA6A-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5945.7	5581.0	5245.5	4877.9	4478.3	4011.5	3553.4	3147.9	2748.2	2354.4	1934.3
-25°	5400.2	5047.2	4720.4	4384.9	4002.7	3600.1	3209.2	2841.6	2450.6	2094.7	1744.6
-27.5°	4793.3	4478.3	4186.5	3877.3	3527.2	3180.0	2859.1	2500.2	2161.8	1858.4	1557.9
-30°	4145.7	3888.9	3635.1	3360.9	3077.9	2786.1	2500.2	2161.8	1896.3	1654.2	1400.4
-32.5°	3524.3	3293.8	3089.6	2885.3	2640.3	2401.0	2147.2	1896.3	1674.6	1461.6	1248.7
-35°	2978.7	2733.6	2619.9	2456.5	2261.0	2045.1	1838.0	1662.9	1485.0	1292.4	1102.8
-37.5°	2506.1	2348.5	2214.3	2091.8	1937.2	1750.5	1601.7	1458.7	1309.9	1134.9	971.5
-40°	2135.6	2021.8	1887.6	1797.1	1671.7	1537.5	1388.7	1269.1	1143.6	1000.7	866.5
-42.5°	1838.0	1744.6	1657.1	1560.8	1467.5	1353.7	1225.3	1111.5	997.8	892.7	781.9
-45°	1592.9	1525.8	1455.8	1377.0	1295.3	1196.1	1091.1	974.4	892.7	799.4	706.0
-47.5°	1391.6	1342.0	1283.7	1222.4	1152.4	1064.9	968.6	884.0	799.4	720.6	630.2
-50°	1231.2	1184.5	1137.8	1085.3	1024.0	948.2	875.2	796.5	717.7	641.8	557.2
-52.5°	1097.0	1056.1	1018.2	974.4	916.1	851.9	784.8	714.8	641.8	566.0	498.9
-55°	1003.6	956.9	919.0	875.2	822.7	761.4	700.2	636.0	566.0	507.6	452.2
-57.5°	927.7	875.2	831.5	784.8	732.3	679.8	624.3	566.0	513.5	458.0	405.5
-60°	863.6	802.3	752.7	706.0	656.4	606.8	560.1	510.6	461.0	411.4	358.8
-62.5°	796.5	732.3	671.0	627.2	589.3	545.6	504.7	458.0	414.3	364.7	326.8
-65°	720.6	659.3	601.0	563.1	528.1	490.1	452.2	411.4	373.4	335.5	300.5
-67.5°	636.0	583.5	542.6	507.6	472.6	440.5	405.5	370.5	338.4	300.5	265.5
-70°	533.9	504.7	481.4	455.1	423.0	393.9	361.8	329.7	294.7	262.6	230.5
-72.5°	455.1	437.6	420.1	393.9	364.7	338.4	312.2	283.0	253.8	224.6	198.4
-75°	373.4	358.8	344.3	326.8	303.4	283.0	259.7	233.4	210.1	189.6	169.2
-77.5°	300.5	288.8	280.1	265.5	248.0	230.5	215.9	198.4	180.9	160.5	140.0
-80°	239.2	233.4	230.5	224.6	210.1	195.5	183.8	169.2	151.7	137.1	122.5
-82.5°	186.7	186.7	183.8	180.9	169.2	157.5	148.8	137.1	125.4	113.8	99.2
-85°	137.1	134.2	134.2	131.3	122.5	116.7	107.9	102.1	93.4	81.7	75.9
-87.5°	81.7	78.8	75.9	72.9	67.1	64.2	58.3	55.4	49.6	43.8	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



REPORT NUMBER: P722694

CATALOG NUMBER: IFLD-S-SA6A-935-U-76-VI

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°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	0.0	0.0
85°	8.8	5.8	5.8	5.8	5.8	5.8	2.9	2.9	2.9	2.9	2.9
82.5°	17.5	17.5	14.6	14.6	11.7	8.8	5.8	5.8	5.8	2.9	2.9
80°	26.3	26.3	26.3	23.3	20.4	14.6	11.7	8.8	5.8	2.9	2.9
77.5°	32.1	29.2	29.2	26.3	26.3	23.3	17.5	14.6	8.8	5.8	2.9
75°	32.1	32.1	32.1	29.2	29.2	26.3	23.3	17.5	14.6	8.8	5.8
72.5°	35.0	32.1	32.1	32.1	29.2	26.3	23.3	20.4	17.5	11.7	5.8
70°	32.1	32.1	32.1	32.1	29.2	29.2	23.3	20.4	20.4	11.7	8.8
67.5°	32.1	32.1	32.1	29.2	29.2	26.3	23.3	20.4	20.4	14.6	8.8
65°	35.0	32.1	32.1	32.1	29.2	26.3	23.3	20.4	20.4	17.5	11.7
62.5°	37.9	35.0	35.0	32.1	29.2	26.3	23.3	20.4	20.4	17.5	11.7
60°	40.8	37.9	35.0	35.0	32.1	29.2	23.3	23.3	20.4	17.5	11.7
57.5°	43.8	40.8	40.8	37.9	35.0	32.1	26.3	23.3	20.4	17.5	14.6
55°	52.5	46.7	43.8	43.8	40.8	35.0	29.2	23.3	20.4	17.5	14.6
52.5°	70.0	55.4	49.6	49.6	46.7	40.8	32.1	26.3	20.4	17.5	14.6
50°	110.9	70.0	58.3	52.5	52.5	46.7	37.9	29.2	20.4	17.5	14.6
47.5°	175.0	116.7	70.0	61.3	58.3	55.4	43.8	29.2	23.3	17.5	14.6
45°	288.8	172.1	113.8	72.9	61.3	58.3	49.6	32.1	23.3	20.4	14.6
42.5°	396.8	268.4	175.0	87.5	72.9	64.2	52.5	35.0	26.3	20.4	14.6
40°	624.3	367.6	245.1	143.0	84.6	67.1	58.3	40.8	26.3	20.4	14.6
37.5°	846.1	487.2	329.7	210.1	96.3	75.9	61.3	43.8	29.2	20.4	17.5
35°	1067.8	682.7	408.4	280.1	128.4	90.4	64.2	46.7	29.2	20.4	17.5
32.5°	1266.2	866.5	490.1	350.1	192.6	107.9	70.0	49.6	32.1	23.3	17.5
30°	1429.5	1035.7	636.0	411.4	250.9	131.3	75.9	49.6	35.0	23.3	17.5
27.5°	1552.1	1167.0	784.8	475.5	300.5	154.6	87.5	55.4	35.0	23.3	17.5
25°	1651.3	1269.1	916.1	542.6	344.3	192.6	105.0	58.3	37.9	26.3	17.5
22.5°	1730.0	1353.7	1024.0	633.1	396.8	230.5	128.4	64.2	37.9	26.3	17.5
20°	1838.0	1438.3	1097.0	729.4	452.2	265.5	148.8	70.0	37.9	26.3	20.4
17.5°	1931.3	1522.9	1155.3	811.0	507.6	291.7	172.1	75.9	40.8	26.3	20.4
15°	2039.3	1604.6	1207.8	875.2	560.1	315.1	192.6	81.7	40.8	29.2	20.4
12.5°	2156.0	1680.4	1245.7	927.7	615.6	335.5	210.1	93.4	43.8	29.2	20.4
10°	2275.6	1744.6	1277.8	965.7	656.4	355.9	221.7	105.0	46.7	29.2	20.4
7.5°	2395.2	1803.0	1318.7	983.2	673.9	379.3	227.6	116.7	46.7	32.1	20.4
5°	2476.9	1840.9	1377.0	994.8	682.7	405.5	236.3	131.3	49.6	32.1	20.4
2.5°	2546.9	1864.2	1438.3	1003.6	685.6	420.1	233.4	140.0	52.5	32.1	20.4
0°	2579.0	1864.2	1479.1	997.8	676.8	434.7	233.4	148.8	52.5	32.1	20.4
-2.5°	2529.4	1916.8	1467.5	1000.7	679.8	434.7	245.1	151.7	58.3	35.0	20.4
-5°	2450.6	1937.2	1432.5	986.1	673.9	434.7	259.7	154.6	61.3	35.0	23.3
-7.5°	2374.8	1945.9	1391.6	971.5	665.2	423.0	262.6	151.7	67.1	37.9	23.3
-10°	2275.6	1849.7	1339.1	945.2	647.7	414.3	268.4	151.7	70.0	37.9	23.3
-12.5°	2161.8	1733.0	1274.9	907.3	627.2	405.5	271.3	151.7	72.9	40.8	23.3
-15°	2030.5	1613.3	1202.0	866.5	598.1	393.9	265.5	148.8	75.9	40.8	26.3
-17.5°	1881.7	1496.6	1126.1	816.9	566.0	379.3	253.8	145.9	75.9	40.8	26.3
-20°	1712.5	1379.9	1041.5	767.3	528.1	361.8	242.1	140.0	75.9	40.8	26.3

REPORT NUMBER: P722694

CATALOG NUMBER: IFLD-S-SA6A-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1560.8	1272.0	954.0	711.9	487.2	341.3	227.6	134.2	75.9	43.8	26.3
-25°	1435.4	1167.0	886.9	656.4	443.4	318.0	213.0	128.4	75.9	43.8	26.3
-27.5°	1304.1	1053.2	816.9	603.9	414.3	297.6	198.4	122.5	72.9	43.8	26.3
-30°	1169.9	942.3	743.9	545.6	385.1	277.2	186.7	113.8	72.9	43.8	26.3
-32.5°	1047.4	851.9	676.8	487.2	353.0	256.7	175.0	110.9	70.0	43.8	26.3
-35°	927.7	770.2	606.8	440.5	318.0	236.3	163.4	107.9	70.0	43.8	26.3
-37.5°	828.6	694.3	542.6	408.4	297.6	218.8	151.7	102.1	67.1	43.8	26.3
-40°	746.9	624.3	481.4	373.4	280.1	201.3	140.0	99.2	67.1	43.8	26.3
-42.5°	671.0	557.2	443.4	344.3	262.6	189.6	131.3	96.3	64.2	43.8	26.3
-45°	603.9	498.9	405.5	318.0	242.1	175.0	125.4	90.4	61.3	43.8	29.2
-47.5°	536.8	458.0	370.5	294.7	221.7	157.5	119.6	87.5	58.3	40.8	29.2
-50°	484.3	414.3	341.3	268.4	201.3	151.7	113.8	81.7	58.3	40.8	29.2
-52.5°	437.6	373.4	309.2	242.1	183.8	143.0	107.9	75.9	55.4	40.8	29.2
-55°	393.9	335.5	277.2	215.9	172.1	134.2	99.2	70.0	55.4	40.8	29.2
-57.5°	350.1	300.5	245.1	195.5	157.5	125.4	93.4	70.0	55.4	40.8	29.2
-60°	315.1	268.4	221.7	180.9	145.9	113.8	84.6	67.1	52.5	40.8	29.2
-62.5°	285.9	242.1	201.3	163.4	134.2	102.1	81.7	67.1	52.5	40.8	26.3
-65°	256.7	218.8	180.9	148.8	119.6	96.3	78.8	64.2	52.5	40.8	26.3
-67.5°	227.6	192.6	163.4	131.3	110.9	93.4	75.9	64.2	49.6	37.9	26.3
-70°	198.4	169.2	143.0	122.5	105.0	87.5	72.9	61.3	49.6	35.0	23.3
-72.5°	175.0	148.8	128.4	113.8	99.2	84.6	70.0	58.3	46.7	32.1	20.4
-75°	148.8	131.3	116.7	102.1	90.4	78.8	67.1	52.5	40.8	29.2	20.4
-77.5°	125.4	113.8	102.1	93.4	81.7	70.0	58.3	46.7	37.9	26.3	17.5
-80°	107.9	99.2	90.4	81.7	72.9	61.3	52.5	40.8	32.1	23.3	14.6
-82.5°	87.5	81.7	72.9	67.1	61.3	52.5	43.8	35.0	23.3	17.5	11.7
-85°	67.1	61.3	58.3	52.5	46.7	37.9	29.2	23.3	17.5	11.7	5.8
-87.5°	35.0	32.1	29.2	26.3	23.3	17.5	14.6	11.7	8.8	5.8	2.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P722694

CATALOG NUMBER: IFLD-S-SA6A-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0
80°	2.9	0.0	0.0	0.0
77.5°	2.9	0.0	0.0	0.0
75°	2.9	2.9	0.0	0.0
72.5°	2.9	2.9	0.0	0.0
70°	2.9	2.9	0.0	0.0
67.5°	5.8	2.9	0.0	0.0
65°	5.8	2.9	0.0	0.0
62.5°	5.8	2.9	0.0	0.0
60°	5.8	2.9	0.0	0.0
57.5°	8.8	2.9	2.9	0.0
55°	8.8	2.9	2.9	0.0
52.5°	8.8	2.9	2.9	0.0
50°	8.8	5.8	2.9	0.0
47.5°	8.8	5.8	2.9	0.0
45°	8.8	5.8	2.9	0.0
42.5°	8.8	5.8	2.9	0.0
40°	11.7	5.8	2.9	0.0
37.5°	11.7	5.8	2.9	0.0
35°	11.7	5.8	2.9	0.0
32.5°	11.7	5.8	2.9	0.0
30°	11.7	5.8	2.9	0.0
27.5°	11.7	8.8	2.9	0.0
25°	11.7	8.8	2.9	0.0
22.5°	14.6	8.8	2.9	0.0
20°	14.6	8.8	2.9	0.0
17.5°	14.6	8.8	2.9	0.0
15°	14.6	8.8	2.9	0.0
12.5°	14.6	8.8	2.9	0.0
10°	14.6	8.8	2.9	0.0
7.5°	14.6	8.8	2.9	0.0
5°	14.6	8.8	2.9	0.0
2.5°	14.6	8.8	2.9	0.0
0°	14.6	8.8	2.9	0.0
-2.5°	14.6	8.8	2.9	0.0
-5°	14.6	8.8	2.9	0.0
-7.5°	14.6	8.8	2.9	0.0
-10°	14.6	8.8	2.9	0.0
-12.5°	17.5	8.8	2.9	0.0
-15°	17.5	8.8	2.9	0.0
-17.5°	17.5	8.8	2.9	0.0
-20°	17.5	8.8	2.9	0.0

REPORT NUMBER: P722694

CATALOG NUMBER: IFLD-S-SA6A-935-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	17.5	8.8	2.9	0.0
-25°	17.5	8.8	2.9	0.0
-27.5°	17.5	8.8	2.9	0.0
-30°	17.5	8.8	2.9	0.0
-32.5°	17.5	8.8	2.9	0.0
-35°	17.5	8.8	2.9	0.0
-37.5°	17.5	8.8	2.9	0.0
-40°	17.5	8.8	2.9	0.0
-42.5°	14.6	8.8	2.9	0.0
-45°	17.5	8.8	2.9	0.0
-47.5°	17.5	8.8	2.9	0.0
-50°	17.5	8.8	2.9	0.0
-52.5°	17.5	8.8	2.9	0.0
-55°	17.5	8.8	2.9	0.0
-57.5°	17.5	8.8	2.9	0.0
-60°	17.5	8.8	2.9	0.0
-62.5°	14.6	8.8	2.9	0.0
-65°	14.6	5.8	2.9	0.0
-67.5°	14.6	5.8	2.9	0.0
-70°	14.6	5.8	2.9	0.0
-72.5°	11.7	5.8	2.9	0.0
-75°	11.7	5.8	2.9	0.0
-77.5°	8.8	2.9	0.0	0.0
-80°	8.8	2.9	0.0	0.0
-82.5°	5.8	2.9	0.0	0.0
-85°	2.9	2.9	0.0	0.0
-87.5°	2.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)