

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: P722347

Luminaire Tested: **IFLD-S-SA6B-950-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722347
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6B-950-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (96) 5000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

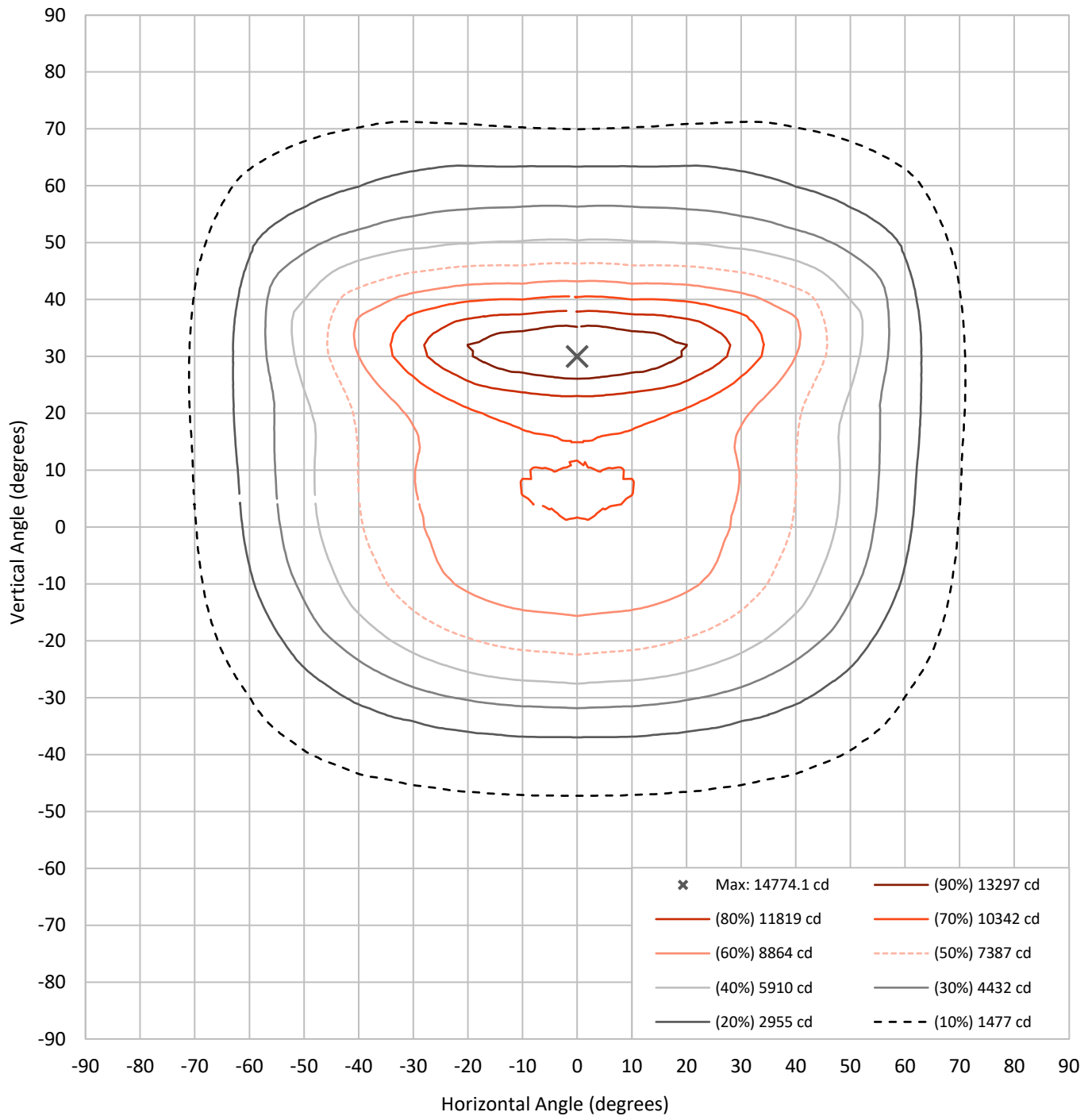
Lumens per Lamp: N/A	NEMA Type: 7H x 6V
Luminaire Lumens: 24661.6 lumens	Max Intensity: 14774.1 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 30°V
Efficacy: 100.7 lumens/watt	
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')	
Beam Angle (50%): 90.8°H x 68.8°V	Field Angle (10%): 142°H x 117.1°V
Beam Lumens: 14341 lumens	Field Lumens: 23111.2 lumens
Beam Efficiency: 58.2%	Field Efficiency: 93.7%

Input Watts (W): 244.9
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: P722347
CATALOG NUMBER: IFLD-S-SA6B-950-U-76

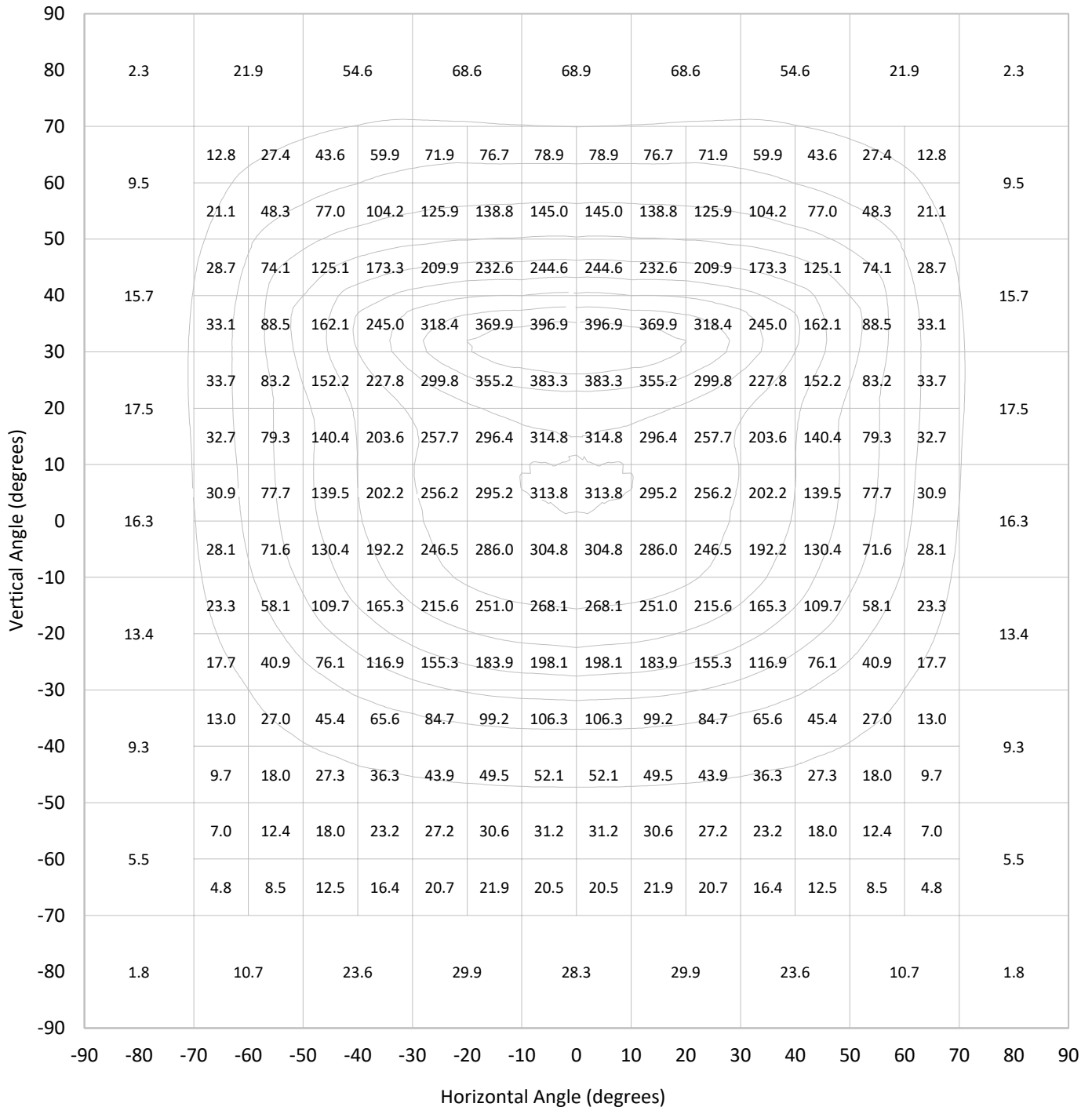
Iso-Candela Plot





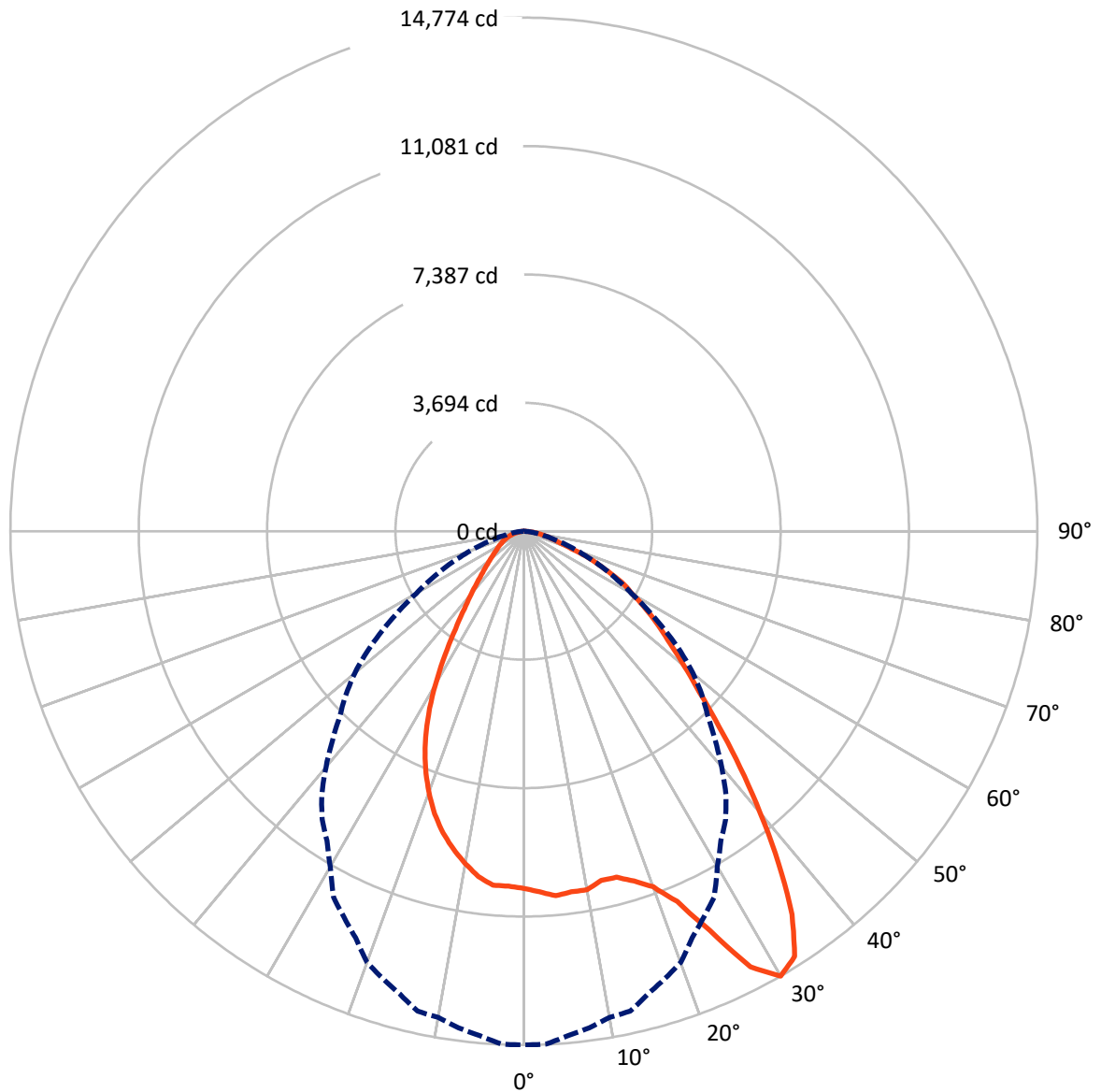
REPORT NUMBER: P722347
 CATALOG NUMBER: IFLD-S-SA6B-950-U-76

Lumen Table



REPORT NUMBER: P722347
CATALOG NUMBER: IFLD-S-SA6B-950-U-76

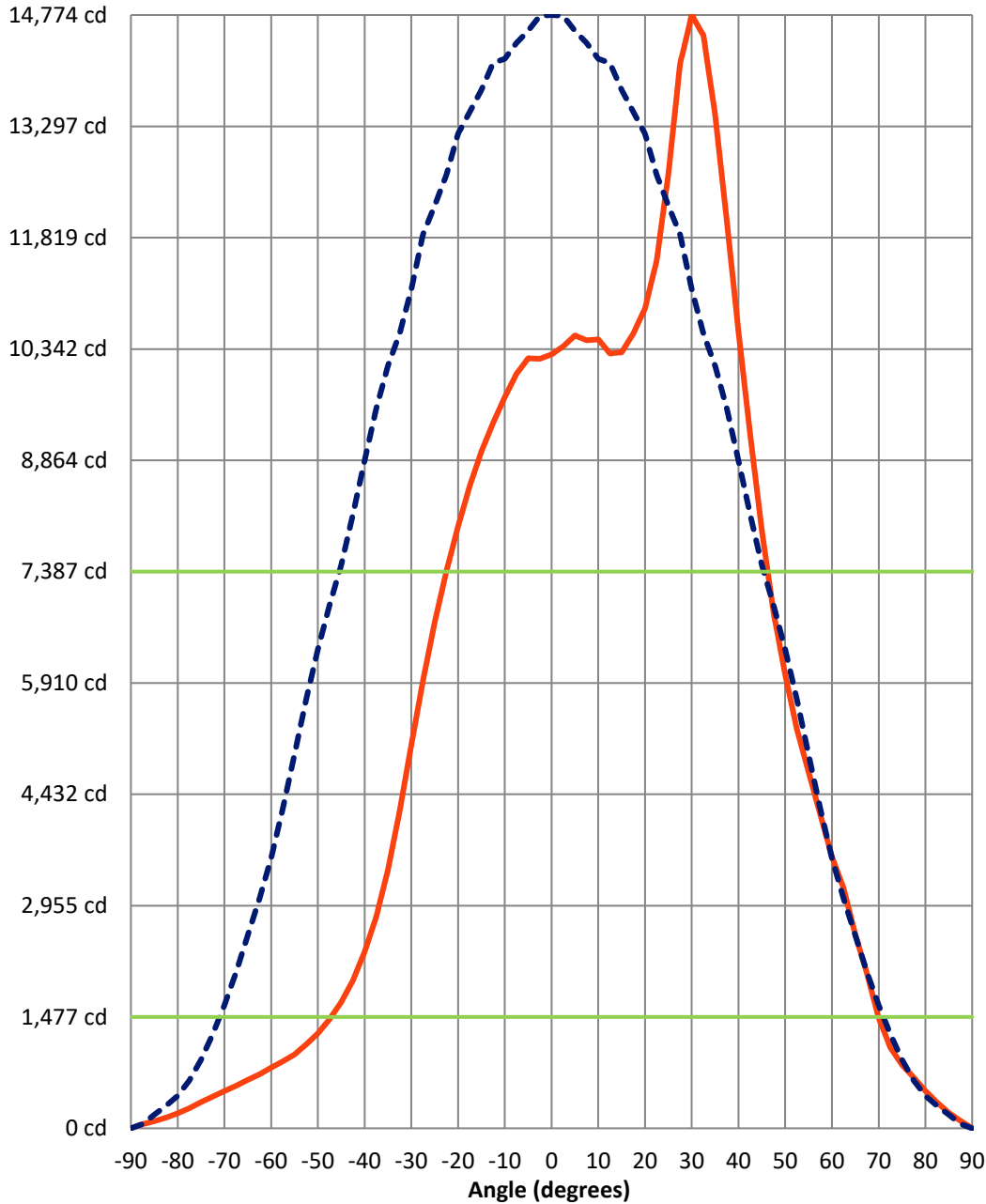
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722347
 CATALOG NUMBER: IFLD-S-SA6B-950-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 14341
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 23111.2
 Efficiency: 93.7%

Spill:
 Lumens: 1550.5
 Efficiency: 6.3%

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



REPORT NUMBER: P722347
 CATALOG NUMBER: IFLD-S-SA6B-950-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°	99.3	101.9	104.5	104.5	101.9	101.9	101.9	99.3	101.9	101.9	101.9
85°	206.4	211.6	216.8	214.2	211.6	206.4	201.2	203.8	206.4	209.0	209.0
82.5°	342.2	350.1	355.3	352.7	347.5	342.2	337.0	339.6	344.9	347.5	347.5
80°	496.4	499.0	501.6	506.8	499.0	499.0	496.4	506.8	512.1	517.3	522.5
77.5°	674.0	676.7	676.7	679.3	681.9	684.5	684.5	702.8	715.8	723.7	731.5
75°	841.2	849.1	856.9	864.8	875.2	880.4	888.3	914.4	935.3	951.0	966.7
72.5°	1071.2	1081.6	1094.7	1113.0	1131.2	1144.3	1162.6	1193.9	1217.5	1233.1	1251.4
70°	1465.7	1476.1	1489.2	1502.2	1520.5	1533.6	1551.9	1591.1	1614.6	1625.0	1635.5
67.5°	2050.9	2077.0	2100.5	2074.4	2061.3	2043.0	2048.3	2084.8	2108.3	2124.0	2121.4
65°	2570.8	2589.1	2589.1	2586.4	2576.0	2552.5	2565.5	2610.0	2636.1	2649.1	2610.0
62.5°	3182.1	3182.1	3169.0	3189.9	3192.6	3176.9	3169.0	3171.7	3174.3	3182.1	3116.8
60°	3605.3	3631.5	3639.3	3657.6	3662.8	3662.8	3675.9	3686.3	3686.3	3670.7	3594.9
57.5°	4164.4	4214.1	4224.5	4211.5	4185.3	4151.4	4146.1	4130.5	4099.1	4067.8	4031.2
55°	4728.8	4754.9	4752.3	4744.4	4718.3	4679.1	4684.3	4663.4	4613.8	4574.6	4525.0
52.5°	5295.7	5358.4	5368.8	5353.2	5316.6	5274.8	5277.4	5253.9	5204.2	5162.4	5094.5
50°	6019.4	6071.6	6066.4	6040.3	5988.0	5956.7	5959.3	5914.9	5857.4	5844.3	5755.5
47.5°	6847.5	6907.6	6897.2	6860.6	6790.1	6777.0	6790.1	6732.6	6698.6	6669.9	6565.4
45°	7934.4	8004.9	7965.7	7895.2	7782.8	7795.9	7814.2	7803.7	7730.6	7654.8	7521.6
42.5°	9209.3	9253.7	9206.7	9136.2	8995.1	9021.2	9010.8	8948.1	8903.6	8778.2	8608.4
40°	10573.1	10669.7	10596.6	10486.9	10340.5	10379.7	10351.0	10270.0	10165.5	10008.8	9794.5
37.5°	12043.9	12119.7	12036.1	11908.1	11777.5	11764.4	11706.9	11581.5	11432.6	11260.2	10917.9
35°	13452.1	13648.1	13493.9	13290.1	13130.8	13070.7	13015.8	12725.8	12556.0	12276.5	11808.8
32.5°	14499.8	14643.5	14452.7	14241.1	14047.8	13964.2	13770.9	13426.0	13334.6	12746.7	12318.3
30°	14774.1	14763.6	14565.1	14403.1	14194.1	14136.6	13781.3	13488.7	13196.1	12652.7	12245.1
27.5°	14120.9	14055.6	13864.9	13723.8	13517.4	13449.5	13099.4	12942.7	12490.7	12030.9	11686.0
25°	12665.7	12699.7	12556.0	12485.5	12349.6	12203.3	12064.8	11853.2	11571.1	11168.7	10852.6
22.5°	11518.8	11563.2	11503.1	11419.5	11315.0	11234.0	11129.5	10965.0	10693.2	10445.1	10147.2
20°	10881.4	10868.3	10816.0	10753.3	10654.1	10596.6	10481.6	10343.2	10134.2	9919.9	9598.6
17.5°	10546.9	10466.0	10416.3	10392.8	10340.5	10267.4	10131.5	9990.5	9828.5	9585.5	9350.4
15°	10298.7	10311.8	10272.6	10254.3	10212.5	10110.6	9972.2	9857.2	9637.8	9515.0	9300.7
12.5°	10283.1	10270.0	10272.6	10264.8	10212.5	10081.9	10011.4	9865.1	9724.0	9562.0	9316.4
10°	10468.6	10330.1	10340.5	10377.1	10293.5	10189.0	10113.3	9953.9	9820.6	9614.3	9371.3
7.5°	10458.1	10387.6	10408.5	10348.4	10374.5	10246.5	10142.0	9982.6	9815.4	9596.0	9376.5
5°	10520.8	10413.7	10395.4	10400.6	10335.3	10238.7	10097.6	9946.1	9789.3	9543.7	9319.0
2.5°	10377.1	10392.8	10309.2	10277.8	10270.0	10108.0	9977.4	9831.1	9669.1	9452.3	9251.1
0°	10270.0	10298.7	10212.5	10168.1	10165.5	10027.0	9943.4	9776.2	9661.3	9481.0	9238.0
-2.5°	10212.5	10246.5	10256.9	10176.0	10097.6	9990.5	9849.4	9669.1	9481.0	9272.0	9063.0
-5°	10217.8	10149.8	10121.1	10147.2	10079.3	9972.2	9815.4	9656.1	9470.6	9245.9	8984.6
-7.5°	10011.4	9943.4	9938.2	9925.2	9909.5	9807.6	9677.0	9504.5	9316.4	9107.4	8864.4
-10°	9703.1	9653.4	9640.4	9627.3	9585.5	9525.4	9402.6	9245.9	9076.1	8867.1	8608.4
-12.5°	9360.8	9337.3	9287.7	9253.7	9211.9	9141.4	9023.8	8880.1	8710.3	8524.8	8302.7
-15°	8982.0	8937.6	8888.0	8859.2	8799.1	8715.5	8598.0	8464.7	8279.2	8096.4	7887.3
-17.5°	8524.8	8470.0	8415.1	8407.2	8365.4	8237.4	8127.7	7965.7	7803.7	7628.7	7424.9
-20°	7986.6	7910.9	7874.3	7853.4	7795.9	7701.9	7584.3	7435.4	7278.6	7111.4	6876.3



REPORT NUMBER: P722347

CATALOG NUMBER: IFLD-S-SA6B-950-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	7391.0	7325.6	7262.9	7223.8	7174.1	7101.0	6988.6	6858.0	6703.9	6515.7	6298.9
-25°	6714.3	6622.9	6583.7	6539.3	6513.1	6445.2	6335.5	6215.3	6055.9	5873.1	5666.7
-27.5°	5941.0	5867.8	5846.9	5784.2	5752.9	5682.3	5590.9	5478.6	5332.3	5159.8	4990.0
-30°	5086.7	5042.3	5008.3	4945.6	4922.1	4846.3	4786.2	4692.2	4558.9	4436.1	4300.3
-32.5°	4208.8	4164.4	4154.0	4125.2	4109.6	4059.9	3992.0	3924.1	3817.0	3725.5	3615.8
-35°	3430.3	3399.0	3401.6	3399.0	3383.3	3346.7	3263.1	3244.8	3166.4	3082.8	3012.3
-37.5°	2808.5	2811.1	2808.5	2805.9	2785.0	2769.3	2709.2	2685.7	2638.7	2557.7	2515.9
-40°	2340.9	2346.1	2343.5	2338.2	2314.7	2306.9	2267.7	2236.4	2218.1	2160.6	2116.2
-42.5°	1962.0	1969.9	1967.3	1964.7	1949.0	1946.4	1925.5	1888.9	1878.4	1844.5	1797.4
-45°	1674.7	1672.0	1666.8	1672.0	1664.2	1656.4	1643.3	1619.8	1606.7	1591.1	1551.9
-47.5°	1447.4	1450.0	1444.8	1444.8	1434.3	1426.5	1421.2	1405.6	1395.1	1382.0	1358.5
-50°	1259.3	1269.7	1267.1	1264.5	1256.6	1251.4	1251.4	1235.7	1220.1	1214.8	1199.2
-52.5°	1113.0	1120.8	1123.4	1128.6	1131.2	1133.9	1126.0	1110.3	1084.2	1081.6	1073.8
-55°	979.7	1003.2	1018.9	1029.4	1039.8	1047.6	1032.0	1011.1	984.9	974.5	971.9
-57.5°	888.3	911.8	930.1	945.8	958.8	971.9	956.2	935.3	911.8	898.7	896.1
-60°	804.7	825.6	843.9	864.8	883.0	903.9	896.1	880.4	867.4	856.9	846.5
-62.5°	715.8	736.7	757.6	783.8	807.3	828.2	830.8	828.2	825.6	828.2	809.9
-65°	642.7	653.1	666.2	694.9	721.1	744.6	757.6	765.5	778.5	791.6	773.3
-67.5°	564.3	577.4	593.1	614.0	634.9	650.5	668.8	689.7	710.6	731.5	718.5
-70°	493.8	504.2	517.3	527.7	540.8	551.3	566.9	590.4	614.0	634.9	629.6
-72.5°	420.6	431.1	438.9	444.1	452.0	457.2	465.0	485.9	501.6	512.1	512.1
-75°	347.5	357.9	365.8	368.4	373.6	376.2	381.4	389.3	397.1	399.7	402.3
-77.5°	266.5	276.9	284.8	290.0	295.2	300.4	303.1	308.3	310.9	310.9	313.5
-80°	198.6	206.4	211.6	219.5	222.1	227.3	232.5	235.1	237.7	237.7	240.4
-82.5°	141.1	146.3	151.5	156.8	162.0	164.6	169.8	172.4	175.0	177.7	180.3
-85°	94.1	99.3	104.5	109.7	112.3	115.0	117.6	120.2	122.8	125.4	128.0
-87.5°	54.9	57.5	60.1	65.3	67.9	73.2	75.8	73.2	75.8	75.8	75.8
-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: P722347

CATALOG NUMBER: IFLD-S-SA6B-950-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°	101.9	101.9	101.9	101.9	99.3	94.1	91.4	86.2	81.0	75.8	70.5
85°	211.6	214.2	214.2	214.2	209.0	206.4	198.6	190.7	180.3	164.6	151.5
82.5°	352.7	355.3	355.3	352.7	347.5	339.6	329.2	316.1	295.2	274.3	256.0
80°	530.4	533.0	533.0	530.4	517.3	504.2	491.2	475.5	449.4	420.6	389.3
77.5°	742.0	747.2	747.2	739.4	721.1	705.4	684.5	658.4	619.2	577.4	535.6
75°	987.6	1000.6	1003.2	995.4	971.9	943.1	909.2	864.8	804.7	752.4	702.8
72.5°	1272.3	1285.4	1295.8	1285.4	1251.4	1212.2	1162.6	1110.3	1050.3	979.7	896.1
70°	1645.9	1659.0	1666.8	1632.9	1572.8	1507.5	1447.4	1387.3	1316.7	1230.5	1139.1
67.5°	2116.2	2103.1	2087.4	2019.5	1943.8	1865.4	1781.8	1692.9	1601.5	1510.1	1402.9
65°	2568.2	2531.6	2497.6	2416.6	2320.0	2218.1	2121.4	2022.1	1912.4	1797.4	1695.6
62.5°	3043.6	2965.3	2881.7	2782.4	2683.1	2570.8	2474.1	2356.5	2233.7	2092.7	1962.0
60°	3511.3	3417.2	3333.6	3210.8	3080.2	2928.7	2824.2	2709.2	2565.5	2414.0	2259.9
57.5°	3963.3	3861.4	3769.9	3662.8	3521.7	3357.2	3242.2	3093.3	2941.8	2751.0	2594.3
55°	4444.0	4342.1	4268.9	4148.8	3994.6	3843.1	3717.7	3560.9	3349.3	3145.5	2952.2
52.5°	4995.2	4914.2	4835.9	4713.1	4527.6	4373.4	4235.0	4059.9	3837.9	3587.1	3354.5
50°	5611.8	5570.0	5486.4	5342.7	5131.1	4995.2	4812.4	4579.8	4342.1	4078.2	3788.2
47.5°	6429.5	6361.6	6244.0	6087.3	5909.6	5705.9	5460.3	5188.6	4851.5	4558.9	4250.7
45°	7406.6	7281.2	7129.7	6918.1	6698.6	6468.7	6199.6	5854.8	5402.8	5021.4	4697.4
42.5°	8464.7	8294.9	8088.5	7811.6	7526.8	7244.7	6954.7	6484.4	5920.1	5481.2	5115.4
40°	9569.8	9353.0	9094.4	8692.0	8375.9	8012.8	7681.0	6978.2	6377.3	5901.8	5512.5
37.5°	10651.4	10377.1	9943.4	9454.9	9086.5	8788.7	8059.8	7307.4	6769.2	6246.7	5852.2
35°	11479.6	11247.1	10481.6	9974.8	9658.7	9188.4	8276.6	7505.9	6936.4	6502.7	5888.7
32.5°	11970.8	11369.9	10698.5	10186.4	9925.2	9154.4	8292.3	7563.4	7014.7	6528.8	5794.7
30°	11861.1	11134.8	10546.9	10118.5	9551.6	8859.2	8146.0	7474.6	6941.6	6353.8	5690.2
27.5°	11200.1	10638.4	10113.3	9666.5	9110.0	8488.2	7829.9	7239.4	6743.0	6173.5	5546.5
25°	10452.9	9943.4	9554.2	9164.9	8637.2	8044.1	7464.1	7038.3	6539.3	5977.6	5358.4
22.5°	9765.8	9400.0	9094.4	8686.8	8172.1	7654.8	7294.3	6852.8	6340.7	5771.2	5165.0
20°	9326.9	9078.7	8728.6	8279.2	7874.3	7550.3	7150.6	6683.0	6155.2	5559.5	5000.5
17.5°	9115.3	8827.9	8438.6	8146.0	7835.1	7479.8	7033.0	6536.6	5974.9	5462.9	5018.7
15°	9005.5	8702.5	8446.4	8159.1	7809.0	7435.4	6939.0	6424.3	5974.9	5502.1	5031.8
12.5°	9029.0	8767.8	8488.2	8174.7	7798.5	7398.8	6949.4	6471.3	6006.3	5530.8	5034.4
10°	9102.2	8827.9	8530.0	8182.6	7803.7	7409.2	6978.2	6500.1	6022.0	5543.9	5029.2
7.5°	9128.3	8830.5	8511.8	8161.7	7790.7	7404.0	6983.4	6507.9	6024.6	5541.3	5013.5
5°	9047.3	8778.2	8470.0	8117.3	7754.1	7377.9	6962.5	6497.5	6003.7	5515.1	4974.3
2.5°	8937.6	8720.8	8425.5	8085.9	7717.5	7341.3	6928.5	6450.4	5956.7	5468.1	4924.7
0°	8919.3	8650.2	8352.4	8049.3	7657.4	7260.3	6850.2	6361.6	5870.4	5379.3	4838.5
-2.5°	8799.1	8514.4	8216.5	7887.3	7542.5	7142.8	6711.7	6233.6	5747.7	5264.3	4744.4
-5°	8707.7	8391.6	8075.5	7720.1	7372.7	6972.9	6526.2	6061.2	5585.7	5115.4	4613.8
-7.5°	8584.9	8260.9	7929.1	7558.2	7182.0	6774.4	6332.9	5867.8	5400.2	4932.5	4451.8
-10°	8336.7	8051.9	7741.0	7357.0	6959.9	6552.3	6113.4	5656.2	5188.6	4715.7	4232.4
-12.5°	8036.3	7735.8	7396.2	7043.5	6688.2	6309.4	5870.4	5421.1	4950.8	4475.3	3994.6
-15°	7647.0	7351.8	7004.3	6659.4	6317.2	5954.0	5567.4	5162.4	4684.3	4216.7	3736.0
-17.5°	7161.1	6884.1	6573.2	6244.0	5904.4	5538.6	5162.4	4820.2	4373.4	3934.5	3459.0
-20°	6638.5	6379.9	6100.3	5789.5	5449.8	5091.9	4736.6	4378.7	3992.0	3605.3	3163.8



REPORT NUMBER: P722347

CATALOG NUMBER: IFLD-S-SA6B-950-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	6095.1	5833.9	5551.7	5261.7	4948.2	4616.4	4287.2	3945.0	3605.3	3255.3	2881.7
-25°	5468.1	5238.2	4979.6	4697.4	4417.9	4127.9	3814.4	3503.5	3213.5	2910.4	2604.7
-27.5°	4812.4	4600.7	4365.6	4120.0	3879.7	3636.7	3365.0	3077.6	2837.3	2586.4	2333.0
-30°	4122.6	3952.8	3762.1	3547.9	3362.4	3166.4	2939.1	2701.4	2481.9	2291.2	2087.4
-32.5°	3469.5	3325.8	3189.9	3048.9	2866.0	2714.5	2557.7	2382.7	2189.3	2009.1	1862.8
-35°	2907.8	2753.6	2696.2	2591.7	2461.0	2327.8	2212.8	2087.4	1941.1	1781.8	1661.6
-37.5°	2434.9	2343.5	2262.5	2205.0	2118.8	2011.7	1920.2	1828.8	1716.5	1596.3	1476.1
-40°	2066.5	2003.8	1915.0	1886.3	1831.4	1758.3	1664.2	1593.7	1517.9	1426.5	1324.6
-42.5°	1771.3	1724.3	1666.8	1617.2	1593.7	1541.4	1468.3	1400.3	1340.2	1277.5	1199.2
-45°	1528.4	1497.0	1460.4	1416.0	1397.7	1355.9	1303.7	1227.9	1193.9	1141.7	1084.2
-47.5°	1332.4	1316.7	1290.6	1261.9	1235.7	1204.4	1157.4	1110.3	1063.3	1029.4	984.9
-50°	1178.3	1167.8	1152.1	1128.6	1094.7	1073.8	1042.4	1000.6	956.2	927.5	896.1
-52.5°	1055.5	1045.0	1034.6	1016.3	990.2	969.3	943.1	909.2	872.6	843.9	817.7
-55°	961.4	945.8	937.9	922.2	901.3	877.8	854.3	830.8	799.4	773.3	747.2
-57.5°	888.3	867.4	856.9	843.9	823.0	799.4	781.2	757.6	736.7	708.0	684.5
-60°	830.8	807.3	786.4	773.3	755.0	731.5	713.2	694.9	674.0	650.5	621.8
-62.5°	783.8	755.0	726.3	710.6	692.3	671.4	653.1	634.9	614.0	590.4	564.3
-65°	739.4	705.4	668.8	653.1	634.9	614.0	590.4	577.4	559.1	538.2	512.1
-67.5°	684.5	647.9	616.6	598.3	580.0	561.7	540.8	527.7	509.5	483.3	457.2
-70°	603.5	580.0	559.1	543.4	527.7	512.1	491.2	470.3	449.4	425.8	402.3
-72.5°	501.6	493.8	491.2	483.3	465.0	446.7	425.8	404.9	386.7	368.4	350.1
-75°	404.9	410.2	415.4	412.8	394.5	376.2	357.9	339.6	326.6	310.9	295.2
-77.5°	321.3	326.6	331.8	331.8	318.7	308.3	295.2	282.2	271.7	258.6	243.0
-80°	248.2	256.0	263.9	269.1	258.6	250.8	240.4	229.9	219.5	209.0	198.6
-82.5°	188.1	195.9	203.8	209.0	201.2	195.9	188.1	180.3	172.4	162.0	154.1
-85°	135.9	141.1	146.3	148.9	143.7	138.5	133.2	128.0	122.8	115.0	109.7
-87.5°	78.4	81.0	83.6	86.2	81.0	75.8	73.2	67.9	65.3	60.1	57.5
-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: P722347
 CATALOG NUMBER: IFLD-S-SA6B-950-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°	65.3	60.1	54.9	52.3	47.0	39.2	34.0	28.7	23.5	18.3	15.7
85°	138.5	125.4	109.7	101.9	91.4	81.0	70.5	60.1	49.6	39.2	28.7
82.5°	237.7	222.1	206.4	188.1	164.6	135.9	107.1	88.8	73.2	57.5	44.4
80°	357.9	329.2	303.1	279.5	253.4	216.8	177.7	141.1	99.3	75.8	57.5
77.5°	496.4	462.4	425.8	386.7	344.9	295.2	250.8	203.8	154.1	104.5	73.2
75°	653.1	608.7	559.1	504.2	449.4	384.0	321.3	266.5	209.0	146.3	88.8
72.5°	828.2	773.3	713.2	640.1	553.9	478.1	402.3	329.2	261.3	185.5	120.2
70°	1052.9	966.7	877.8	799.4	689.7	569.5	480.7	397.1	310.9	227.3	151.5
67.5°	1293.2	1188.7	1081.6	966.7	828.2	687.1	559.1	465.0	363.1	266.5	180.3
65°	1554.5	1423.9	1288.0	1160.0	969.3	802.1	658.4	530.4	412.8	303.1	209.0
62.5°	1823.6	1669.4	1512.7	1345.5	1126.0	919.6	752.4	603.5	459.8	337.0	235.1
60°	2111.0	1930.7	1740.0	1531.0	1274.9	1047.6	841.2	679.3	509.5	371.0	263.9
57.5°	2414.0	2218.1	1993.4	1711.2	1429.1	1170.4	943.1	747.2	553.9	402.3	284.8
55°	2743.2	2518.5	2272.9	1899.3	1580.6	1293.2	1045.0	815.1	600.9	428.5	305.7
52.5°	3098.5	2837.3	2526.4	2097.9	1740.0	1418.6	1139.1	875.2	645.3	457.2	324.0
50°	3495.6	3166.4	2748.4	2280.8	1878.4	1536.2	1233.1	940.5	681.9	488.6	339.6
47.5°	3908.4	3553.1	2947.0	2450.6	2019.5	1651.1	1329.8	998.0	718.5	514.7	355.3
45°	4339.5	3822.2	3153.4	2602.1	2142.3	1755.6	1402.9	1050.3	762.9	538.2	368.4
42.5°	4765.3	4026.0	3333.6	2753.6	2257.3	1849.7	1463.0	1099.9	799.4	561.7	381.4
40°	4966.5	4180.1	3477.3	2858.2	2353.9	1933.3	1515.3	1144.3	830.8	577.4	394.5
37.5°	5050.1	4274.2	3571.4	2957.4	2429.7	1977.7	1559.7	1183.5	856.9	593.1	404.9
35°	5068.4	4308.1	3618.4	3025.4	2492.4	2019.5	1593.7	1212.2	877.8	608.7	415.4
32.5°	5034.4	4297.7	3631.5	3048.9	2531.6	2050.9	1617.2	1233.1	893.5	624.4	425.8
30°	4958.7	4242.8	3584.4	3046.3	2560.3	2069.2	1632.9	1248.8	909.2	634.9	431.1
27.5°	4835.9	4146.1	3524.4	3048.9	2576.0	2077.0	1640.7	1256.6	919.6	642.7	441.5
25°	4684.3	4015.5	3527.0	3043.6	2578.6	2079.6	1640.7	1256.6	922.2	645.3	449.4
22.5°	4509.3	4015.5	3527.0	3035.8	2562.9	2074.4	1632.9	1251.4	922.2	650.5	457.2
20°	4519.7	4018.1	3519.1	3020.1	2539.4	2058.7	1614.6	1238.4	914.4	658.4	462.4
17.5°	4527.6	4012.9	3503.5	2999.2	2508.1	2032.6	1591.1	1220.1	914.4	666.2	465.0
15°	4527.6	3997.2	3479.9	2967.9	2468.9	1996.0	1557.1	1204.4	917.0	668.8	470.3
12.5°	4519.7	3968.5	3443.4	2926.1	2421.9	1951.6	1536.2	1199.2	917.0	671.4	470.3
10°	4504.1	3929.3	3396.3	2873.8	2377.4	1935.9	1525.7	1188.7	911.8	671.4	470.3
7.5°	4475.3	3882.3	3357.2	2842.5	2351.3	1917.6	1510.1	1173.0	903.9	666.2	475.5
5°	4430.9	3856.2	3325.8	2805.9	2314.7	1904.6	1499.6	1160.0	898.7	666.2	470.3
2.5°	4373.4	3824.8	3289.2	2758.9	2272.9	1860.1	1465.7	1131.2	880.4	655.8	465.0
0°	4279.4	3762.1	3226.5	2693.6	2215.5	1815.7	1431.7	1102.5	862.1	645.3	459.8
-2.5°	4193.2	3678.5	3145.5	2625.6	2160.6	1776.5	1405.6	1086.8	854.3	642.7	457.2
-5°	4073.0	3563.5	3038.4	2536.8	2087.4	1737.4	1379.4	1068.5	846.5	637.5	457.2
-7.5°	3939.8	3443.4	2926.1	2445.4	2014.3	1669.4	1329.8	1039.8	828.2	627.0	454.6
-10°	3733.4	3263.1	2785.0	2340.9	1935.9	1609.3	1288.0	1013.7	812.5	616.6	444.1
-12.5°	3513.9	3064.5	2623.0	2212.8	1847.1	1546.6	1241.0	984.9	794.2	606.1	438.9
-15°	3281.4	2860.8	2453.2	2079.6	1750.4	1470.9	1191.3	953.6	775.9	593.1	431.1
-17.5°	3038.4	2646.5	2278.2	1943.8	1653.8	1392.5	1139.1	924.8	755.0	580.0	423.2
-20°	2782.4	2427.1	2100.5	1805.3	1551.9	1314.1	1084.2	890.9	731.5	564.3	412.8



REPORT NUMBER: P722347
 CATALOG NUMBER: IFLD-S-SA6B-950-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2529.0	2210.2	1917.6	1669.4	1447.4	1233.1	1029.4	856.9	705.4	546.0	404.9
-25°	2304.3	2006.5	1755.6	1538.8	1345.5	1154.8	971.9	823.0	676.7	527.7	394.5
-27.5°	2084.8	1831.4	1596.3	1416.0	1246.2	1079.0	917.0	786.4	647.9	506.8	384.0
-30°	1881.1	1664.2	1470.9	1295.8	1152.1	1011.1	870.0	749.8	616.6	485.9	371.0
-32.5°	1695.6	1520.5	1358.5	1191.3	1063.3	943.1	825.6	713.2	585.2	465.0	357.9
-35°	1523.1	1387.3	1246.2	1105.1	974.5	880.4	778.5	674.0	556.5	441.5	344.9
-37.5°	1369.0	1259.3	1146.9	1026.7	914.4	820.3	734.1	634.9	527.7	420.6	331.8
-40°	1235.7	1146.9	1047.6	951.0	856.9	768.1	689.7	595.7	499.0	404.9	318.7
-42.5°	1113.0	1045.0	964.0	883.0	799.4	721.1	645.3	553.9	470.3	386.7	305.7
-45°	1018.9	951.0	885.7	812.5	742.0	674.0	598.3	517.3	444.1	365.8	292.6
-47.5°	930.1	870.0	809.9	749.8	692.3	629.6	553.9	485.9	415.4	347.5	282.2
-50°	851.7	794.2	742.0	689.7	640.1	580.0	509.5	454.6	391.9	329.2	269.1
-52.5°	778.5	728.9	676.7	634.9	593.1	533.0	475.5	423.2	368.4	308.3	256.0
-55°	713.2	666.2	619.2	580.0	540.8	488.6	441.5	397.1	344.9	292.6	243.0
-57.5°	650.5	611.3	566.9	530.4	491.2	449.4	410.2	368.4	321.3	276.9	229.9
-60°	593.1	556.5	517.3	480.7	446.7	412.8	376.2	342.2	300.4	258.6	216.8
-62.5°	535.6	504.2	470.3	433.7	407.6	376.2	347.5	313.5	279.5	243.0	193.3
-65°	483.3	454.6	423.2	391.9	368.4	344.9	318.7	287.4	258.6	224.7	172.4
-67.5°	431.1	404.9	378.8	352.7	331.8	313.5	287.4	263.9	240.4	203.8	151.5
-70°	381.4	360.5	337.0	316.1	300.4	279.5	261.3	240.4	219.5	177.7	128.0
-72.5°	334.4	313.5	295.2	279.5	266.5	248.2	232.5	216.8	188.1	148.9	107.1
-75°	279.5	266.5	256.0	243.0	229.9	216.8	203.8	185.5	156.8	120.2	83.6
-77.5°	229.9	222.1	214.2	203.8	193.3	182.9	167.2	148.9	125.4	94.1	67.9
-80°	188.1	180.3	175.0	164.6	156.8	146.3	130.6	115.0	91.4	73.2	54.9
-82.5°	143.7	138.5	133.2	128.0	120.2	109.7	94.1	81.0	67.9	54.9	41.8
-85°	101.9	99.3	94.1	88.8	81.0	73.2	62.7	54.9	47.0	36.6	28.7
-87.5°	52.3	49.6	47.0	44.4	41.8	36.6	31.4	26.1	23.5	18.3	13.1
-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: P722347

CATALOG NUMBER: IFLD-S-SA6B-950-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	10.5	7.8	2.6	0.0
85°	20.9	13.1	5.2	0.0
82.5°	31.4	20.9	7.8	0.0
80°	41.8	26.1	13.1	0.0
77.5°	52.3	31.4	15.7	0.0
75°	62.7	39.2	18.3	0.0
72.5°	70.5	44.4	20.9	0.0
70°	83.6	52.3	23.5	0.0
67.5°	104.5	57.5	26.1	0.0
65°	122.8	62.7	28.7	0.0
62.5°	143.7	67.9	31.4	0.0
60°	162.0	73.2	34.0	0.0
57.5°	180.3	86.2	36.6	0.0
55°	195.9	96.7	39.2	0.0
52.5°	214.2	107.1	41.8	0.0
50°	229.9	117.6	44.4	0.0
47.5°	243.0	128.0	44.4	0.0
45°	253.4	135.9	47.0	0.0
42.5°	261.3	143.7	49.6	0.0
40°	269.1	151.5	52.3	0.0
37.5°	276.9	159.4	52.3	0.0
35°	284.8	167.2	54.9	0.0
32.5°	292.6	175.0	54.9	0.0
30°	297.8	180.3	57.5	0.0
27.5°	305.7	185.5	57.5	0.0
25°	308.3	190.7	60.1	0.0
22.5°	313.5	193.3	60.1	0.0
20°	318.7	198.6	60.1	0.0
17.5°	321.3	201.2	62.7	0.0
15°	321.3	203.8	65.3	0.0
12.5°	324.0	206.4	65.3	0.0
10°	324.0	211.6	62.7	0.0
7.5°	329.2	209.0	62.7	0.0
5°	326.6	209.0	62.7	0.0
2.5°	324.0	206.4	62.7	0.0
0°	321.3	206.4	62.7	0.0
-2.5°	321.3	206.4	62.7	0.0
-5°	321.3	206.4	62.7	0.0
-7.5°	318.7	209.0	62.7	0.0
-10°	313.5	209.0	62.7	0.0
-12.5°	310.9	201.2	62.7	0.0
-15°	308.3	198.6	62.7	0.0
-17.5°	303.1	195.9	60.1	0.0
-20°	297.8	193.3	60.1	0.0



REPORT NUMBER: P722347

CATALOG NUMBER: IFLD-S-SA6B-950-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	292.6	188.1	60.1	0.0
-25°	287.4	182.9	57.5	0.0
-27.5°	282.2	177.7	57.5	0.0
-30°	274.3	172.4	54.9	0.0
-32.5°	266.5	167.2	54.9	0.0
-35°	261.3	159.4	52.3	0.0
-37.5°	253.4	151.5	52.3	0.0
-40°	245.6	143.7	49.6	0.0
-42.5°	237.7	135.9	47.0	0.0
-45°	227.3	128.0	47.0	0.0
-47.5°	219.5	120.2	44.4	0.0
-50°	206.4	109.7	41.8	0.0
-52.5°	190.7	99.3	39.2	0.0
-55°	175.0	91.4	36.6	0.0
-57.5°	159.4	81.0	36.6	0.0
-60°	143.7	70.5	34.0	0.0
-62.5°	128.0	65.3	31.4	0.0
-65°	112.3	60.1	28.7	0.0
-67.5°	94.1	52.3	26.1	0.0
-70°	78.4	47.0	23.5	0.0
-72.5°	67.9	41.8	20.9	0.0
-75°	57.5	36.6	18.3	0.0
-77.5°	49.6	31.4	15.7	0.0
-80°	39.2	23.5	10.5	0.0
-82.5°	28.7	18.3	7.8	0.0
-85°	18.3	13.1	5.2	0.0
-87.5°	10.5	5.2	2.6	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)