

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: P722759

Luminaire Tested: **IFLD-M-SA4C-950-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722759
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-950-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 5000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	21007.6 lumens	Max Intensity:	14665.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	96.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' 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:	13401.9 lumens	Field Lumens:	19805.4 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

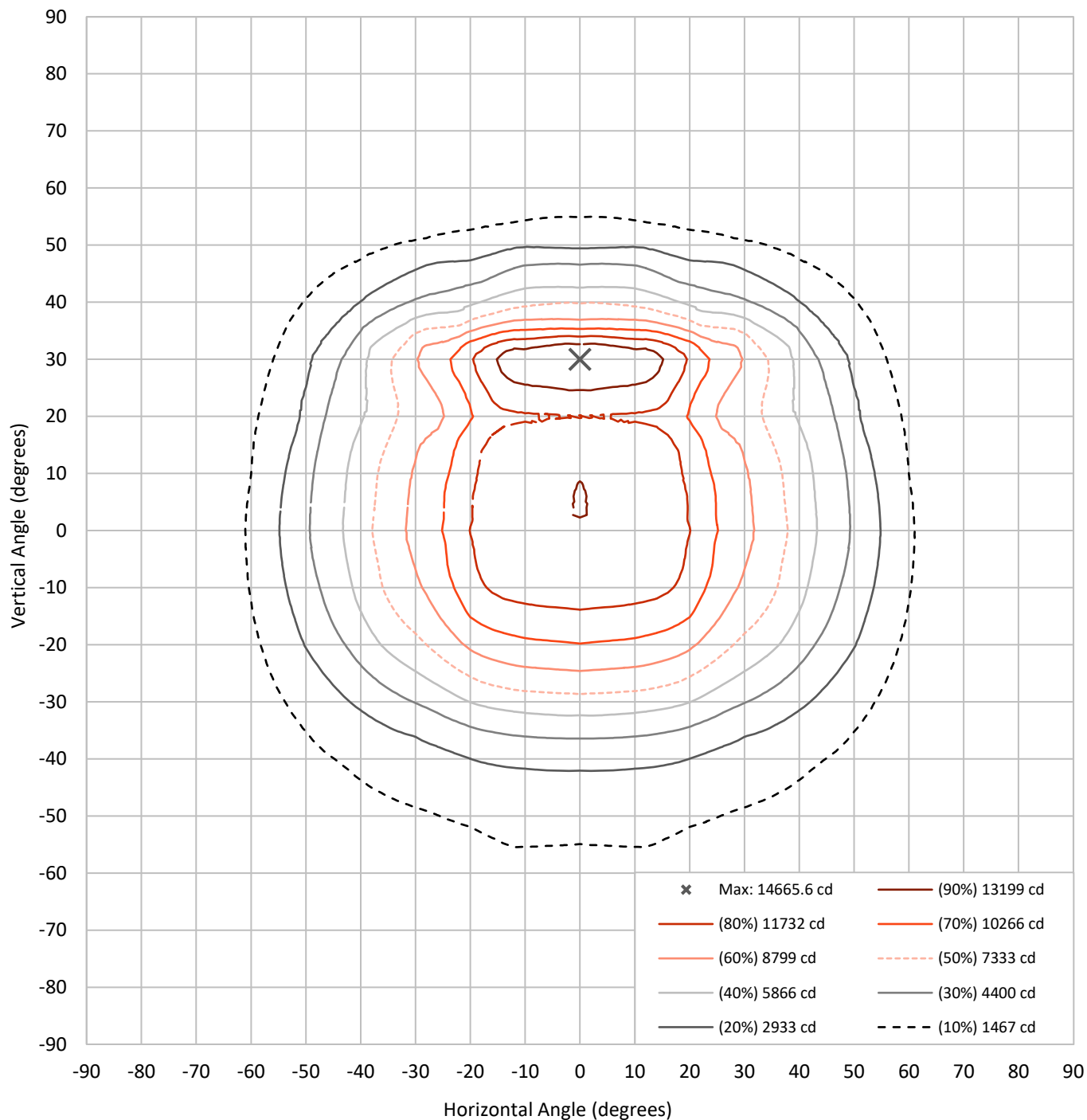
Input Watts (W): 218.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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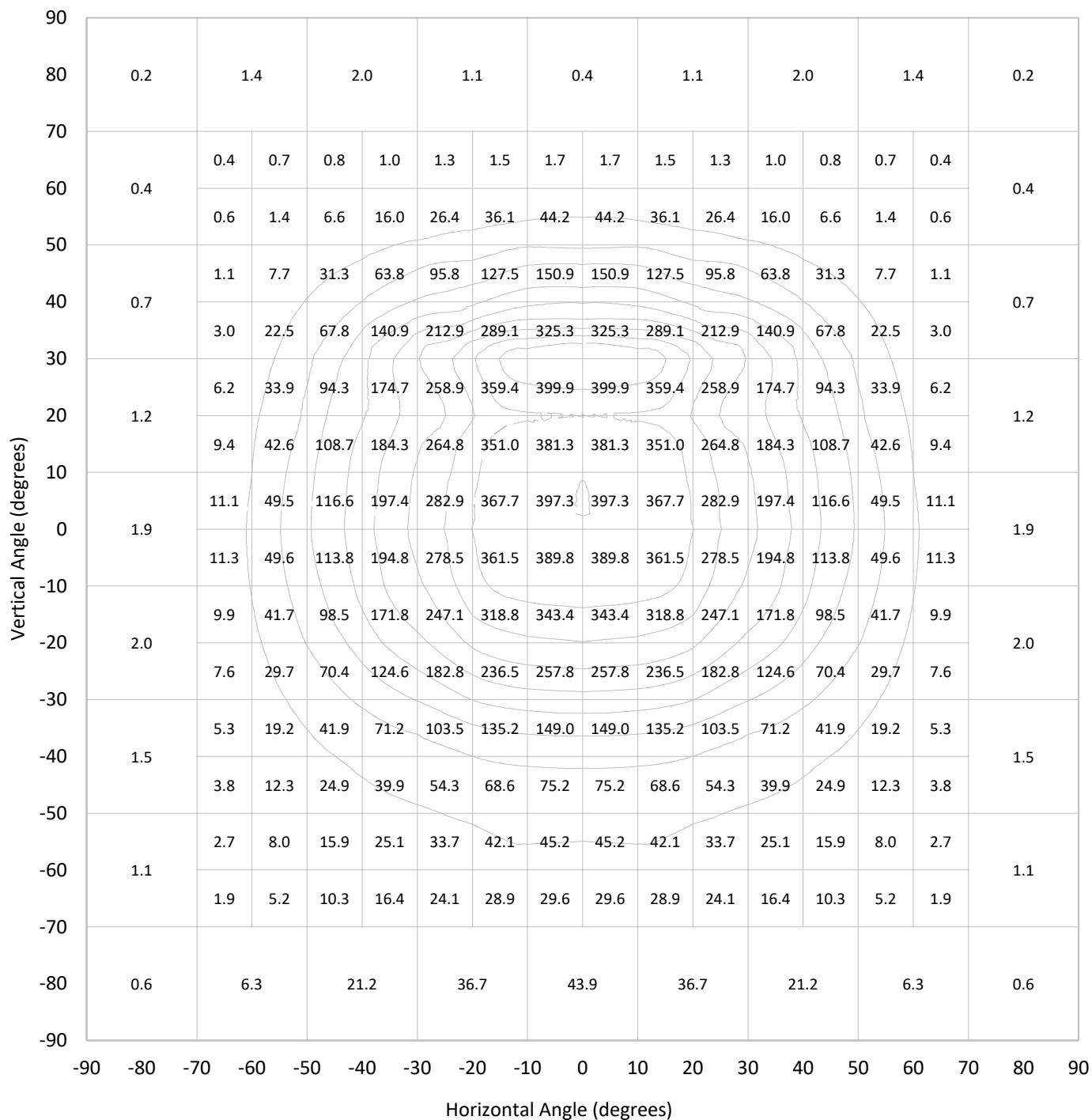
Iso-Candela Plot



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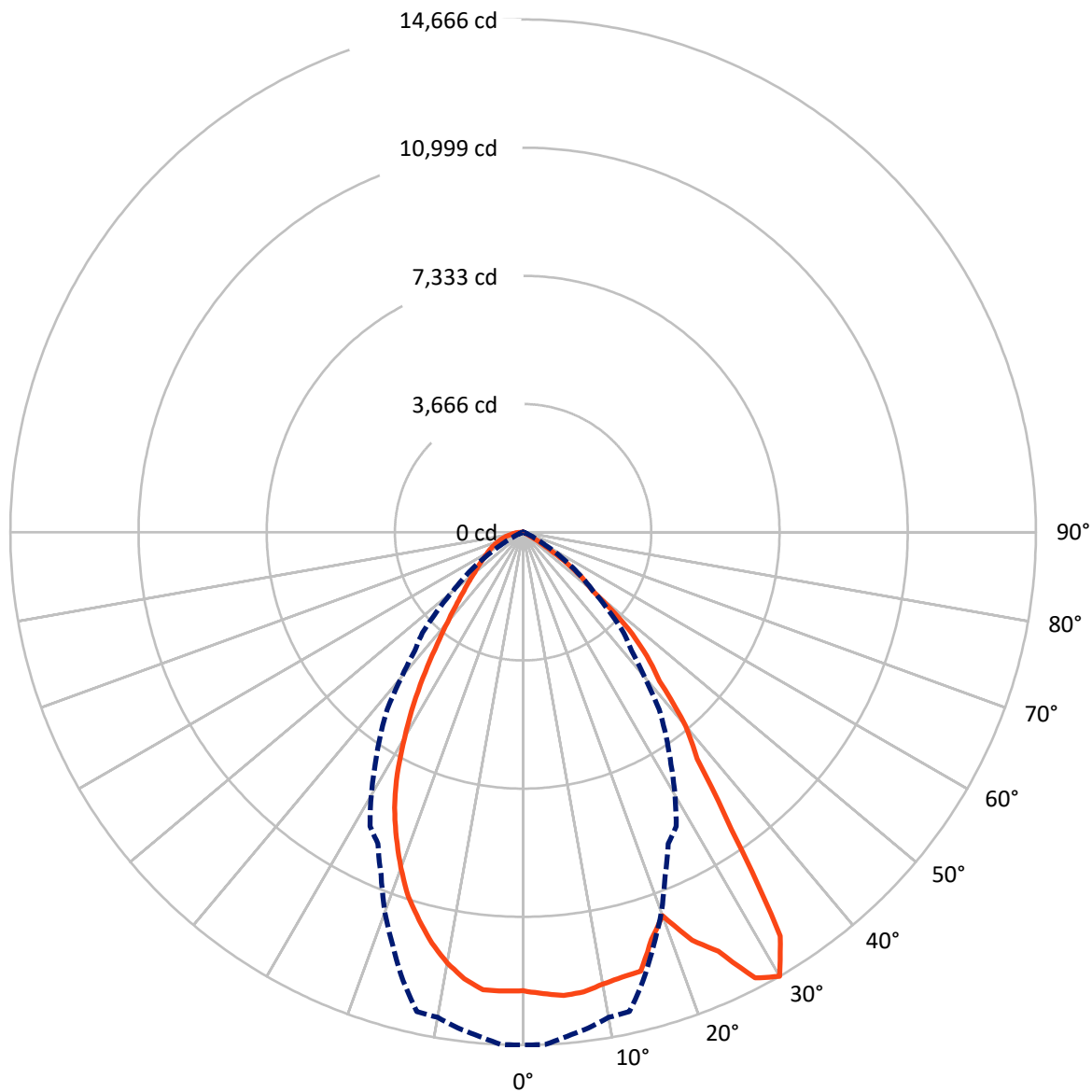
Lumen Table



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Luminous Intensity Polar Plot



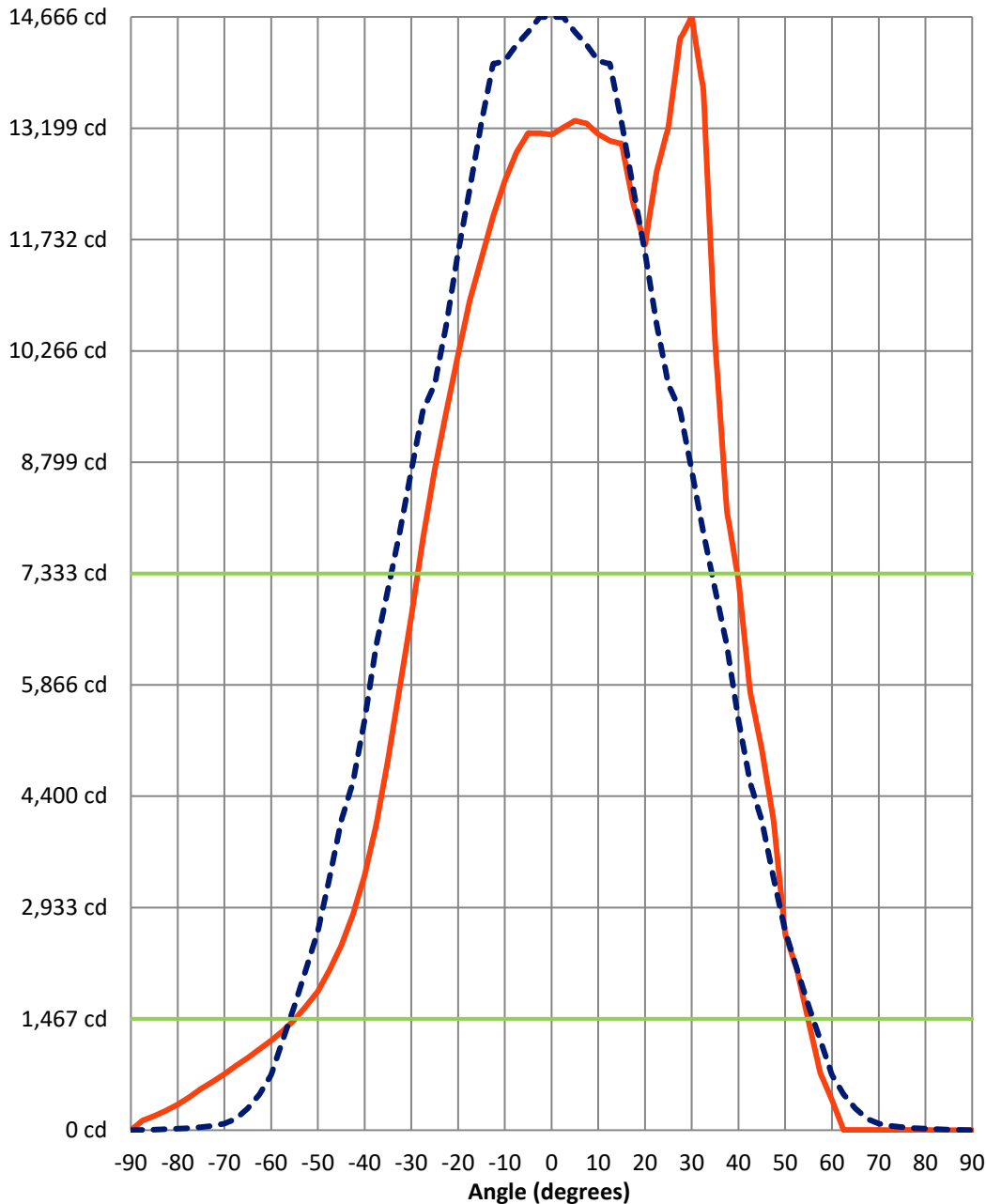
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

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Luminous Intensity Plot



Beam:

H Angle: 68.6°
V Angle: 68.4°
Lumens: 13401.9
Efficiency: 63.8%

Field:

H Angle: 111.9°
V Angle: 109.7°
Lumens: 19805.4
Efficiency: 94.3%

Spill:

Lumens: 1202.1
Efficiency: 5.7%

— 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°	0.0	0.0	0.0	0.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3
85°	0.0	3.3	3.3	3.3	6.7	6.7	6.7	6.7	6.7	6.7	10.0
82.5°	0.0	3.3	3.3	3.3	6.7	6.7	6.7	6.7	10.0	10.0	13.4
80°	3.3	3.3	3.3	3.3	6.7	6.7	6.7	10.0	10.0	13.4	13.4
77.5°	3.3	3.3	3.3	6.7	6.7	6.7	10.0	10.0	13.4	13.4	16.7
75°	3.3	3.3	3.3	6.7	6.7	10.0	10.0	10.0	13.4	13.4	16.7
72.5°	0.0	3.3	3.3	6.7	6.7	10.0	10.0	10.0	13.4	13.4	13.4
70°	3.3	3.3	3.3	6.7	6.7	10.0	10.0	10.0	13.4	13.4	13.4
67.5°	3.3	3.3	3.3	6.7	6.7	10.0	10.0	13.4	13.4	13.4	16.7
65°	3.3	3.3	3.3	6.7	10.0	10.0	13.4	16.7	16.7	20.1	23.4
62.5°	3.3	6.7	6.7	10.0	13.4	16.7	36.8	56.9	56.9	40.1	33.4
60°	398.0	431.4	428.1	388.0	337.8	284.3	274.2	264.2	244.1	214.0	224.1
57.5°	755.9	796.0	812.7	802.7	775.9	729.1	702.3	672.2	632.1	585.3	531.8
55°	1431.4	1448.2	1411.4	1341.1	1264.2	1187.3	1160.5	1120.4	1060.2	1000.0	919.7
52.5°	2117.1	2173.9	2157.2	2087.0	1983.3	1846.2	1695.7	1578.6	1508.4	1441.5	1361.2
50°	2585.3	2608.7	2655.5	2739.1	2769.2	2675.6	2431.5	2117.1	1893.0	2006.7	1919.7
47.5°	4080.3	4197.3	4173.9	4113.7	4013.4	3759.2	3418.1	3137.1	2903.0	2826.1	2839.5
45°	5013.4	5060.2	5043.5	5016.8	4969.9	4732.5	4354.5	3923.1	3705.7	3618.7	3528.4
42.5°	5779.3	5829.5	5839.5	5842.8	5792.7	5575.3	5234.1	4802.7	4585.3	4334.5	4137.1
40°	7240.8	7314.4	7230.8	7120.4	6953.2	6705.7	6371.3	5973.3	5588.7	5281.0	5046.9
37.5°	8174.0	8264.3	8297.7	8291.0	8254.2	8147.2	7735.8	7357.9	6769.3	6080.3	6204.0
35°	10388.0	10481.7	10454.9	10354.6	10301.1	10187.3	9786.0	9337.8	8598.7	7849.5	7648.9
32.5°	13689.0	13893.1	13511.8	13093.7	12836.2	12926.5	12518.5	11421.5	11080.3	9729.2	9103.7
30°	14665.6	14662.3	14468.3	14297.7	14087.0	14043.6	13274.3	12398.1	11561.9	10615.4	9826.1
27.5°	14368.0	14307.8	14143.9	14020.1	13822.8	13719.1	12966.6	12271.0	11304.4	10458.3	9695.7
25°	13220.8	13267.6	13100.4	13077.0	13000.1	12799.4	12424.8	11642.2	10779.3	9842.9	9294.4
22.5°	12628.8	12612.1	12411.4	12294.4	12388.0	12174.0	12023.5	11234.2	10334.5	9545.2	8886.3
20°	11665.6	11669.0	11618.8	11608.8	11551.9	11454.9	11334.5	10776.0	10140.5	9464.9	8672.3
17.5°	12204.1	12341.2	12401.4	11903.1	12043.5	11933.2	11806.1	11026.8	10548.6	9949.9	8916.4
15°	12993.4	12943.2	12883.0	12856.3	12779.3	12675.7	12444.9	11822.8	11000.1	10381.3	9575.3
12.5°	13033.5	12936.5	12913.1	12909.8	12829.5	12685.7	12461.6	11946.6	11217.5	10464.9	9809.4
10°	13120.5	13020.1	13006.8	13023.5	12899.7	12809.4	12585.4	12107.1	11284.3	10608.8	9990.0
7.5°	13260.9	13093.7	13170.6	13120.5	13063.6	12919.8	12679.0	12210.8	11528.5	10799.4	10150.6
5°	13297.7	13113.8	13197.4	13150.6	13067.0	12926.5	12665.6	12277.7	11679.0	10876.3	10214.1
2.5°	13207.4	13153.9	13117.1	13030.2	12993.4	12839.5	12592.0	12177.3	11608.8	10842.9	10200.7
0°	13113.8	13160.6	13077.0	12990.0	12973.3	12849.6	12638.9	12264.3	11772.6	10936.5	10314.4
-2.5°	13133.9	13097.1	13040.2	12949.9	12862.9	12685.7	12495.1	12143.9	11615.4	10732.5	10153.9
-5°	13133.9	12963.3	12970.0	12973.3	12886.4	12702.4	12471.6	12174.0	11521.8	10729.2	10107.1
-7.5°	12879.7	12732.5	12709.1	12689.0	12665.6	12495.1	12314.4	11943.2	11364.6	10642.2	9976.6
-10°	12505.1	12361.3	12374.7	12344.6	12271.0	12157.3	12020.1	11685.7	11210.8	10368.0	9712.4
-12.5°	12036.9	11973.3	11936.5	11886.4	11812.8	11712.4	11572.0	11257.6	10749.2	10030.2	9408.1
-15°	11481.7	11434.8	11401.4	11371.3	11264.3	11160.6	10976.6	10685.7	10368.0	9595.4	8959.9
-17.5°	10926.5	10809.4	10762.6	10722.5	10652.2	10485.0	10317.8	10100.4	9655.6	9043.5	8498.4
-20°	10214.1	10143.9	10087.0	10033.5	9933.2	9802.7	9665.6	9414.8	9030.2	8535.2	7969.9

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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°	9468.3	9428.1	9381.3	9314.4	9247.5	9123.8	8933.2	8692.4	8391.4	7856.2	7327.8
-25°	8699.0	8622.1	8565.3	8501.7	8448.2	8334.5	8150.5	7919.8	7541.8	7080.3	6638.8
-27.5°	7792.7	7719.1	7689.0	7615.4	7568.6	7464.9	7281.0	7066.9	6725.8	6337.8	5889.7
-30°	6769.3	6782.6	6749.2	6679.0	6622.1	6488.3	6347.9	6167.3	5899.7	5528.5	5127.1
-32.5°	5822.8	5839.5	5799.4	5725.8	5652.2	5555.2	5424.8	5260.9	5060.2	4705.7	4357.9
-35°	4876.3	4869.6	4836.1	4792.7	4742.5	4662.2	4515.1	4391.3	4160.6	3913.1	3672.3
-37.5°	4026.8	4043.5	4033.5	4010.1	3953.2	3886.3	3765.9	3652.2	3481.6	3264.2	3076.9
-40°	3354.5	3374.6	3361.2	3337.8	3287.6	3247.5	3167.2	3066.9	2929.8	2742.5	2585.3
-42.5°	2839.5	2852.9	2836.1	2816.1	2772.6	2742.5	2678.9	2595.3	2481.6	2337.8	2197.3
-45°	2431.5	2434.8	2418.1	2404.7	2371.3	2334.5	2280.9	2214.1	2123.8	2023.4	1909.7
-47.5°	2110.4	2107.0	2090.3	2076.9	2050.2	2016.7	1973.3	1913.1	1842.8	1765.9	1675.6
-50°	1829.4	1846.2	1839.5	1826.1	1806.0	1782.6	1739.1	1675.6	1605.4	1548.5	1485.0
-52.5°	1635.5	1638.8	1635.5	1635.5	1632.1	1615.4	1565.2	1501.7	1424.8	1374.6	1321.1
-55°	1454.9	1471.6	1478.3	1485.0	1488.3	1488.3	1428.1	1361.2	1287.6	1237.5	1197.3
-57.5°	1307.7	1317.7	1324.4	1341.1	1354.5	1364.6	1311.0	1250.8	1194.0	1147.2	1110.4
-60°	1180.6	1194.0	1204.0	1220.7	1230.8	1237.5	1204.0	1163.9	1130.4	1100.3	1046.8
-62.5°	1066.9	1076.9	1087.0	1097.0	1107.0	1113.7	1100.3	1080.3	1063.6	1050.2	983.3
-65°	953.2	963.2	973.2	986.6	996.7	1003.4	1000.0	986.6	973.2	959.9	899.7
-67.5°	849.5	859.5	872.9	876.3	882.9	886.3	879.6	869.6	852.8	836.1	789.3
-70°	739.1	745.8	752.5	752.5	752.5	749.2	742.5	729.1	712.4	689.0	652.2
-72.5°	638.8	645.5	652.2	642.1	635.5	625.4	615.4	598.7	581.9	565.2	545.2
-75°	545.2	548.5	548.5	535.1	525.1	515.1	501.7	491.6	474.9	461.5	444.8
-77.5°	434.8	434.8	434.8	424.8	418.1	411.4	401.3	391.3	377.9	367.9	354.5
-80°	337.8	337.8	337.8	334.5	324.4	317.7	311.0	304.3	294.3	287.6	280.9
-82.5°	257.5	257.5	257.5	254.2	247.5	244.1	237.5	230.8	227.4	220.7	217.4
-85°	187.3	190.6	190.6	187.3	183.9	177.3	173.9	170.6	167.2	163.9	157.2
-87.5°	127.1	127.1	127.1	123.7	120.4	120.4	117.1	110.4	103.7	100.3	97.0
-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°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
85°	10.0	10.0	10.0	13.4	13.4	13.4	13.4	13.4	13.4	13.4	10.0
82.5°	16.7	16.7	20.1	20.1	23.4	23.4	23.4	23.4	23.4	23.4	23.4
80°	16.7	20.1	23.4	26.8	30.1	33.4	33.4	33.4	33.4	30.1	30.1
77.5°	20.1	20.1	23.4	26.8	30.1	33.4	36.8	40.1	36.8	36.8	36.8
75°	20.1	23.4	23.4	26.8	30.1	33.4	36.8	40.1	40.1	40.1	40.1
72.5°	16.7	20.1	23.4	26.8	26.8	30.1	33.4	33.4	36.8	36.8	40.1
70°	16.7	20.1	23.4	23.4	26.8	26.8	30.1	33.4	33.4	36.8	36.8
67.5°	20.1	23.4	23.4	26.8	30.1	30.1	30.1	33.4	33.4	36.8	36.8
65°	23.4	26.8	26.8	30.1	33.4	33.4	36.8	36.8	36.8	40.1	40.1
62.5°	40.1	40.1	40.1	36.8	40.1	40.1	40.1	43.5	43.5	40.1	43.5
60°	207.4	150.5	103.7	130.4	117.1	53.5	53.5	53.5	50.2	50.2	46.8
57.5°	488.3	454.9	391.3	331.1	297.7	264.2	163.9	66.9	66.9	60.2	53.5
55°	816.1	705.7	658.9	578.6	491.6	451.5	374.6	254.2	120.4	80.3	70.2
52.5°	1264.2	1160.5	1040.1	876.3	759.2	665.6	602.0	478.3	321.1	170.6	107.0
50°	1692.3	1645.5	1571.9	1411.4	1167.2	1010.0	906.4	765.9	575.3	351.2	200.7
47.5°	2725.8	2334.5	2097.0	1973.3	1769.2	1471.6	1270.9	1113.7	882.9	592.0	354.5
45°	3431.5	3184.0	2806.0	2545.2	2244.2	1929.8	1668.9	1488.3	1214.1	886.3	555.2
42.5°	4036.8	3822.8	3481.6	3100.4	2782.6	2371.3	2036.8	1799.3	1568.6	1210.7	829.4
40°	4816.1	4561.9	4234.1	3862.9	3491.7	2966.6	2424.8	2137.1	1883.0	1565.2	1120.4
37.5°	6100.4	5652.2	5117.1	4705.7	4220.8	3775.9	3033.5	2525.1	2224.1	1893.0	1461.5
35°	7645.5	7153.9	6260.9	5715.8	5066.9	4404.7	3735.8	2983.3	2555.2	2204.0	1775.9
32.5°	9083.7	8364.6	7220.8	6582.0	6150.5	4929.8	4237.5	3585.3	2896.3	2464.9	1956.5
30°	9481.7	8689.0	7869.6	7123.8	6388.0	5401.4	4582.0	4073.6	3324.4	2622.1	2127.1
27.5°	9080.3	8535.2	7899.7	7207.4	6411.4	5565.2	4792.7	4307.7	3638.8	2729.1	2260.9
25°	8672.3	8103.7	7658.9	7080.3	6344.5	5555.2	4799.4	4454.9	3883.0	2936.5	2334.5
22.5°	8240.8	7886.3	7518.4	6872.9	6177.3	5585.3	5016.8	4582.0	4010.1	3170.6	2364.6
20°	8264.3	8033.5	7628.8	6765.9	6147.2	5762.6	5277.6	4742.5	4147.2	3374.6	2388.0
17.5°	8638.8	8337.8	7829.5	7080.3	6418.1	5943.2	5495.0	4963.2	4287.6	3555.2	2672.3
15°	9100.4	8642.2	8110.4	7451.5	6702.4	6140.5	5662.2	5117.1	4448.2	3722.4	2926.4
12.5°	9434.8	8782.7	8284.3	7689.0	7010.1	6354.6	5772.6	5234.1	4598.7	3859.6	3117.1
10°	9548.5	8956.6	8367.9	7836.2	7167.3	6468.3	5856.2	5307.7	4729.1	3966.6	3257.5
7.5°	9608.7	9107.1	8424.8	7903.1	7260.9	6538.5	5923.1	5347.9	4832.8	4040.2	3347.8
5°	9602.1	9187.3	8468.3	7923.1	7311.1	6568.6	5969.9	5357.9	4906.4	4103.7	3401.4
2.5°	9572.0	9240.9	8538.5	7956.6	7411.4	6625.5	6060.2	5378.0	4933.1	4173.9	3438.1
0°	9682.3	9244.2	8612.1	7966.6	7478.3	6645.5	6100.4	5361.2	4896.3	4194.0	3434.8
-2.5°	9444.9	9046.9	8595.4	7879.6	7388.0	6598.7	6026.8	5307.7	4816.1	4170.6	3421.4
-5°	9404.7	8903.1	8454.9	7799.4	7237.5	6501.7	5889.7	5207.4	4689.0	4093.7	3367.9
-7.5°	9297.7	8765.9	8317.8	7735.8	7097.0	6401.4	5759.2	5103.7	4551.9	3973.3	3291.0
-10°	9063.6	8555.2	8170.6	7598.7	6926.5	6257.6	5602.0	4966.6	4391.3	3809.4	3170.6
-12.5°	8729.1	8220.8	7839.5	7307.7	6712.4	6063.6	5414.7	4789.3	4207.4	3635.5	3026.8
-15°	8351.2	7836.2	7454.9	6969.9	6394.7	5762.6	5177.3	4565.2	3996.7	3451.5	2856.2
-17.5°	7923.1	7434.8	7066.9	6595.4	6023.4	5421.4	4839.5	4284.3	3752.5	3260.9	2658.9
-20°	7428.1	6953.2	6615.4	6143.8	5618.8	5033.5	4468.3	3943.2	3464.9	3003.4	2441.5

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CATALOG NUMBER: IFLD-M-SA4C-950-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°	6816.1	6398.0	6013.4	5592.0	5133.8	4598.7	4073.6	3608.7	3150.5	2699.0	2217.4
-25°	6190.7	5786.0	5411.4	5026.8	4588.7	4127.1	3679.0	3257.5	2809.4	2401.4	2000.0
-27.5°	5495.0	5133.8	4799.4	4444.8	4043.5	3645.5	3277.6	2866.2	2478.3	2130.4	1786.0
-30°	4752.5	4458.2	4167.2	3852.9	3528.4	3194.0	2866.2	2478.3	2173.9	1896.3	1605.4
-32.5°	4040.2	3775.9	3541.8	3307.7	3026.8	2752.5	2461.6	2173.9	1919.7	1675.6	1431.4
-35°	3414.7	3133.8	3003.4	2816.1	2592.0	2344.5	2107.0	1906.4	1702.4	1481.6	1264.2
-37.5°	2872.9	2692.3	2538.5	2398.0	2220.7	2006.7	1836.1	1672.3	1501.7	1301.0	1113.7
-40°	2448.2	2317.7	2163.9	2060.2	1916.4	1762.6	1592.0	1454.9	1311.0	1147.2	993.3
-42.5°	2107.0	2000.0	1899.7	1789.3	1682.3	1551.8	1404.7	1274.3	1143.8	1023.4	896.3
-45°	1826.1	1749.2	1668.9	1578.6	1485.0	1371.2	1250.8	1117.1	1023.4	916.4	809.4
-47.5°	1595.3	1538.5	1471.6	1401.3	1321.1	1220.7	1110.4	1013.4	916.4	826.1	722.4
-50°	1411.4	1357.9	1304.4	1244.2	1173.9	1087.0	1003.4	913.0	822.7	735.8	638.8
-52.5°	1257.5	1210.7	1167.2	1117.1	1050.2	976.6	899.7	819.4	735.8	648.8	571.9
-55°	1150.5	1097.0	1053.5	1003.4	943.1	872.9	802.7	729.1	648.8	581.9	518.4
-57.5°	1063.6	1003.4	953.2	899.7	839.5	779.3	715.7	648.8	588.6	525.1	464.9
-60°	990.0	919.7	862.9	809.4	752.5	695.7	642.1	585.3	528.4	471.6	411.4
-62.5°	913.0	839.5	769.2	719.1	675.6	625.4	578.6	525.1	474.9	418.1	374.6
-65°	826.1	755.9	689.0	645.5	605.4	561.9	518.4	471.6	428.1	384.6	344.5
-67.5°	729.1	668.9	622.1	581.9	541.8	505.0	464.9	424.8	388.0	344.5	304.3
-70°	612.0	578.6	551.8	521.7	485.0	451.5	414.7	377.9	337.8	301.0	264.2
-72.5°	521.7	501.7	481.6	451.5	418.1	388.0	357.9	324.4	291.0	257.5	227.4
-75°	428.1	411.4	394.7	374.6	347.8	324.4	297.7	267.6	240.8	217.4	194.0
-77.5°	344.5	331.1	321.1	304.3	284.3	264.2	247.5	227.4	207.4	183.9	160.5
-80°	274.2	267.6	264.2	257.5	240.8	224.1	210.7	194.0	173.9	157.2	140.5
-82.5°	214.0	214.0	210.7	207.4	194.0	180.6	170.6	157.2	143.8	130.4	113.7
-85°	157.2	153.8	153.8	150.5	140.5	133.8	123.7	117.1	107.0	93.6	87.0
-87.5°	93.6	90.3	87.0	83.6	76.9	73.6	66.9	63.5	56.9	50.2	46.8
-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: P722759

CATALOG NUMBER: IFLD-M-SA4C-950-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°	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	0.0	0.0
85°	10.0	6.7	6.7	6.7	6.7	6.7	3.3	3.3	3.3	3.3	3.3
82.5°	20.1	20.1	16.7	16.7	13.4	10.0	6.7	6.7	6.7	3.3	3.3
80°	30.1	30.1	30.1	26.8	23.4	16.7	13.4	10.0	6.7	3.3	3.3
77.5°	36.8	33.4	33.4	30.1	30.1	26.8	20.1	16.7	10.0	6.7	3.3
75°	36.8	36.8	36.8	33.4	33.4	30.1	26.8	20.1	16.7	10.0	6.7
72.5°	40.1	36.8	36.8	36.8	33.4	30.1	26.8	23.4	20.1	13.4	6.7
70°	36.8	36.8	36.8	36.8	33.4	33.4	26.8	23.4	23.4	13.4	10.0
67.5°	36.8	36.8	36.8	33.4	33.4	30.1	26.8	23.4	23.4	16.7	10.0
65°	40.1	36.8	36.8	36.8	33.4	30.1	26.8	23.4	23.4	20.1	13.4
62.5°	43.5	40.1	40.1	36.8	33.4	30.1	26.8	23.4	23.4	20.1	13.4
60°	46.8	43.5	40.1	40.1	36.8	33.4	26.8	26.8	23.4	20.1	13.4
57.5°	50.2	46.8	46.8	43.5	40.1	36.8	30.1	26.8	23.4	20.1	16.7
55°	60.2	53.5	50.2	50.2	46.8	40.1	33.4	26.8	23.4	20.1	16.7
52.5°	80.3	63.5	56.9	56.9	53.5	46.8	36.8	30.1	23.4	20.1	16.7
50°	127.1	80.3	66.9	60.2	60.2	53.5	43.5	33.4	23.4	20.1	16.7
47.5°	200.7	133.8	80.3	70.2	66.9	63.5	50.2	33.4	26.8	20.1	16.7
45°	331.1	197.3	130.4	83.6	70.2	66.9	56.9	36.8	26.8	23.4	16.7
42.5°	454.9	307.7	200.7	100.3	83.6	73.6	60.2	40.1	30.1	23.4	16.7
40°	715.7	421.4	280.9	163.9	97.0	76.9	66.9	46.8	30.1	23.4	16.7
37.5°	969.9	558.5	377.9	240.8	110.4	87.0	70.2	50.2	33.4	23.4	20.1
35°	1224.1	782.6	468.2	321.1	147.2	103.7	73.6	53.5	33.4	23.4	20.1
32.5°	1451.5	993.3	561.9	401.3	220.7	123.7	80.3	56.9	36.8	26.8	20.1
30°	1638.8	1187.3	729.1	471.6	287.6	150.5	87.0	56.9	40.1	26.8	20.1
27.5°	1779.3	1337.8	899.7	545.2	344.5	177.3	100.3	63.5	40.1	26.8	20.1
25°	1893.0	1454.9	1050.2	622.1	394.7	220.7	120.4	66.9	43.5	30.1	20.1
22.5°	1983.3	1551.8	1173.9	725.8	454.9	264.2	147.2	73.6	43.5	30.1	20.1
20°	2107.0	1648.8	1257.5	836.1	518.4	304.3	170.6	80.3	43.5	30.1	23.4
17.5°	2214.1	1745.8	1324.4	929.8	581.9	334.5	197.3	87.0	46.8	30.1	23.4
15°	2337.8	1839.5	1384.6	1003.4	642.1	361.2	220.7	93.6	46.8	33.4	23.4
12.5°	2471.6	1926.4	1428.1	1063.6	705.7	384.6	240.8	107.0	50.2	33.4	23.4
10°	2608.7	2000.0	1464.9	1107.0	752.5	408.0	254.2	120.4	53.5	33.4	23.4
7.5°	2745.8	2066.9	1511.7	1127.1	772.6	434.8	260.9	133.8	53.5	36.8	23.4
5°	2839.5	2110.4	1578.6	1140.5	782.6	464.9	270.9	150.5	56.9	36.8	23.4
2.5°	2919.7	2137.1	1648.8	1150.5	786.0	481.6	267.6	160.5	60.2	36.8	23.4
0°	2956.5	2137.1	1695.7	1143.8	775.9	498.3	267.6	170.6	60.2	36.8	23.4
-2.5°	2899.7	2197.3	1682.3	1147.2	779.3	498.3	280.9	173.9	66.9	40.1	23.4
-5°	2809.4	2220.7	1642.1	1130.4	772.6	498.3	297.7	177.3	70.2	40.1	26.8
-7.5°	2722.4	2230.8	1595.3	1113.7	762.5	485.0	301.0	173.9	76.9	43.5	26.8
-10°	2608.7	2120.4	1535.1	1083.6	742.5	474.9	307.7	173.9	80.3	43.5	26.8
-12.5°	2478.3	1986.6	1461.5	1040.1	719.1	464.9	311.0	173.9	83.6	46.8	26.8
-15°	2327.8	1849.5	1377.9	993.3	685.6	451.5	304.3	170.6	87.0	46.8	30.1
-17.5°	2157.2	1715.7	1291.0	936.5	648.8	434.8	291.0	167.2	87.0	46.8	30.1
-20°	1963.2	1581.9	1194.0	879.6	605.4	414.7	277.6	160.5	87.0	46.8	30.1

REPORT NUMBER: P722759

CATALOG NUMBER: IFLD-M-SA4C-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	1789.3	1458.2	1093.7	816.1	558.5	391.3	260.9	153.8	87.0	50.2	30.1
-25°	1645.5	1337.8	1016.7	752.5	508.4	364.6	244.1	147.2	87.0	50.2	30.1
-27.5°	1495.0	1207.4	936.5	692.3	474.9	341.1	227.4	140.5	83.6	50.2	30.1
-30°	1341.1	1080.3	852.8	625.4	441.5	317.7	214.0	130.4	83.6	50.2	30.1
-32.5°	1200.7	976.6	775.9	558.5	404.7	294.3	200.7	127.1	80.3	50.2	30.1
-35°	1063.6	882.9	695.7	505.0	364.6	270.9	187.3	123.7	80.3	50.2	30.1
-37.5°	949.8	796.0	622.1	468.2	341.1	250.8	173.9	117.1	76.9	50.2	30.1
-40°	856.2	715.7	551.8	428.1	321.1	230.8	160.5	113.7	76.9	50.2	30.1
-42.5°	769.2	638.8	508.4	394.7	301.0	217.4	150.5	110.4	73.6	50.2	30.1
-45°	692.3	571.9	464.9	364.6	277.6	200.7	143.8	103.7	70.2	50.2	33.4
-47.5°	615.4	525.1	424.8	337.8	254.2	180.6	137.1	100.3	66.9	46.8	33.4
-50°	555.2	474.9	391.3	307.7	230.8	173.9	130.4	93.6	66.9	46.8	33.4
-52.5°	501.7	428.1	354.5	277.6	210.7	163.9	123.7	87.0	63.5	46.8	33.4
-55°	451.5	384.6	317.7	247.5	197.3	153.8	113.7	80.3	63.5	46.8	33.4
-57.5°	401.3	344.5	280.9	224.1	180.6	143.8	107.0	80.3	63.5	46.8	33.4
-60°	361.2	307.7	254.2	207.4	167.2	130.4	97.0	76.9	60.2	46.8	33.4
-62.5°	327.8	277.6	230.8	187.3	153.8	117.1	93.6	76.9	60.2	46.8	30.1
-65°	294.3	250.8	207.4	170.6	137.1	110.4	90.3	73.6	60.2	46.8	30.1
-67.5°	260.9	220.7	187.3	150.5	127.1	107.0	87.0	73.6	56.9	43.5	30.1
-70°	227.4	194.0	163.9	140.5	120.4	100.3	83.6	70.2	56.9	40.1	26.8
-72.5°	200.7	170.6	147.2	130.4	113.7	97.0	80.3	66.9	53.5	36.8	23.4
-75°	170.6	150.5	133.8	117.1	103.7	90.3	76.9	60.2	46.8	33.4	23.4
-77.5°	143.8	130.4	117.1	107.0	93.6	80.3	66.9	53.5	43.5	30.1	20.1
-80°	123.7	113.7	103.7	93.6	83.6	70.2	60.2	46.8	36.8	26.8	16.7
-82.5°	100.3	93.6	83.6	76.9	70.2	60.2	50.2	40.1	26.8	20.1	13.4
-85°	76.9	70.2	66.9	60.2	53.5	43.5	33.4	26.8	20.1	13.4	6.7
-87.5°	40.1	36.8	33.4	30.1	26.8	20.1	16.7	13.4	10.0	6.7	3.3
-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: P722759

CATALOG NUMBER: IFLD-M-SA4C-950-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°	3.3	0.0	0.0	0.0
77.5°	3.3	0.0	0.0	0.0
75°	3.3	3.3	0.0	0.0
72.5°	3.3	3.3	0.0	0.0
70°	3.3	3.3	0.0	0.0
67.5°	6.7	3.3	0.0	0.0
65°	6.7	3.3	0.0	0.0
62.5°	6.7	3.3	0.0	0.0
60°	6.7	3.3	0.0	0.0
57.5°	10.0	3.3	3.3	0.0
55°	10.0	3.3	3.3	0.0
52.5°	10.0	3.3	3.3	0.0
50°	10.0	6.7	3.3	0.0
47.5°	10.0	6.7	3.3	0.0
45°	10.0	6.7	3.3	0.0
42.5°	10.0	6.7	3.3	0.0
40°	13.4	6.7	3.3	0.0
37.5°	13.4	6.7	3.3	0.0
35°	13.4	6.7	3.3	0.0
32.5°	13.4	6.7	3.3	0.0
30°	13.4	6.7	3.3	0.0
27.5°	13.4	10.0	3.3	0.0
25°	13.4	10.0	3.3	0.0
22.5°	16.7	10.0	3.3	0.0
20°	16.7	10.0	3.3	0.0
17.5°	16.7	10.0	3.3	0.0
15°	16.7	10.0	3.3	0.0
12.5°	16.7	10.0	3.3	0.0
10°	16.7	10.0	3.3	0.0
7.5°	16.7	10.0	3.3	0.0
5°	16.7	10.0	3.3	0.0
2.5°	16.7	10.0	3.3	0.0
0°	16.7	10.0	3.3	0.0
-2.5°	16.7	10.0	3.3	0.0
-5°	16.7	10.0	3.3	0.0
-7.5°	16.7	10.0	3.3	0.0
-10°	16.7	10.0	3.3	0.0
-12.5°	20.1	10.0	3.3	0.0
-15°	20.1	10.0	3.3	0.0
-17.5°	20.1	10.0	3.3	0.0
-20°	20.1	10.0	3.3	0.0



REPORT NUMBER: P722759

CATALOG NUMBER: IFLD-M-SA4C-950-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	20.1	10.0	3.3	0.0
-25°	20.1	10.0	3.3	0.0
-27.5°	20.1	10.0	3.3	0.0
-30°	20.1	10.0	3.3	0.0
-32.5°	20.1	10.0	3.3	0.0
-35°	20.1	10.0	3.3	0.0
-37.5°	20.1	10.0	3.3	0.0
-40°	20.1	10.0	3.3	0.0
-42.5°	16.7	10.0	3.3	0.0
-45°	20.1	10.0	3.3	0.0
-47.5°	20.1	10.0	3.3	0.0
-50°	20.1	10.0	3.3	0.0
-52.5°	20.1	10.0	3.3	0.0
-55°	20.1	10.0	3.3	0.0
-57.5°	20.1	10.0	3.3	0.0
-60°	20.1	10.0	3.3	0.0
-62.5°	16.7	10.0	3.3	0.0
-65°	16.7	6.7	3.3	0.0
-67.5°	16.7	6.7	3.3	0.0
-70°	16.7	6.7	3.3	0.0
-72.5°	13.4	6.7	3.3	0.0
-75°	13.4	6.7	3.3	0.0
-77.5°	10.0	3.3	0.0	0.0
-80°	10.0	3.3	0.0	0.0
-82.5°	6.7	3.3	0.0	0.0
-85°	3.3	3.3	0.0	0.0
-87.5°	3.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)