

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: P722324

Luminaire Tested: **IFLD-M-SA4C-940-U-76**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722324
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-940-U-76
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 7x6 Flood distribution lens
Light Source: (64) 4000K CCT, 90 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

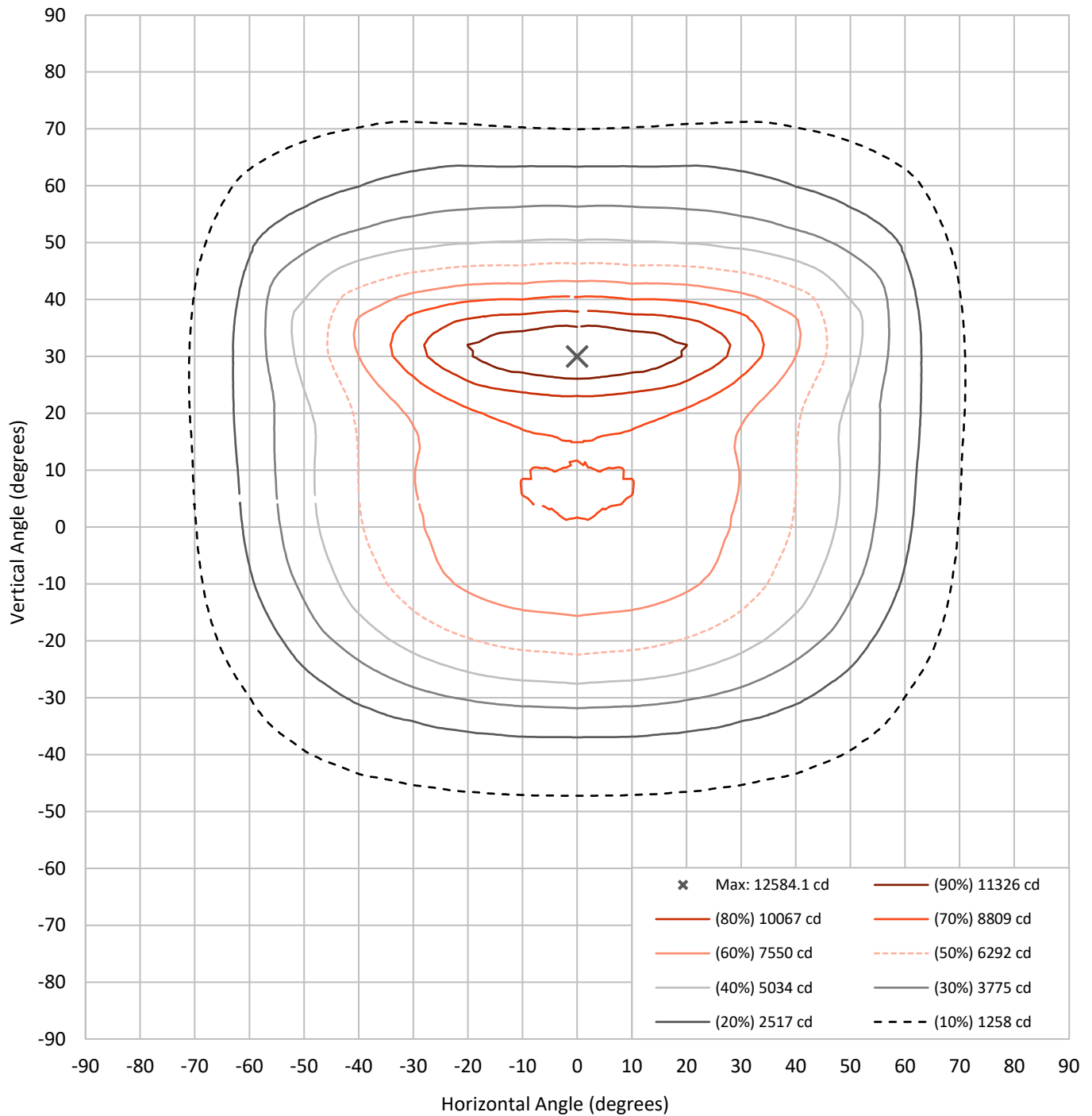
Lumens per Lamp:	N/A	NEMA Type:	7H x 6V
Luminaire Lumens:	21006 lumens	Max Intensity:	12584.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	96.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	90.8°H x 68.8°V	Field Angle (10%):	142°H x 117.1°V
Beam Lumens:	12215.2 lumens	Field Lumens:	19685.3 lumens
Beam Efficiency:	58.2%	Field Efficiency:	93.7%

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



REPORT NUMBER: P722324
CATALOG NUMBER: IFLD-M-SA4C-940-U-76

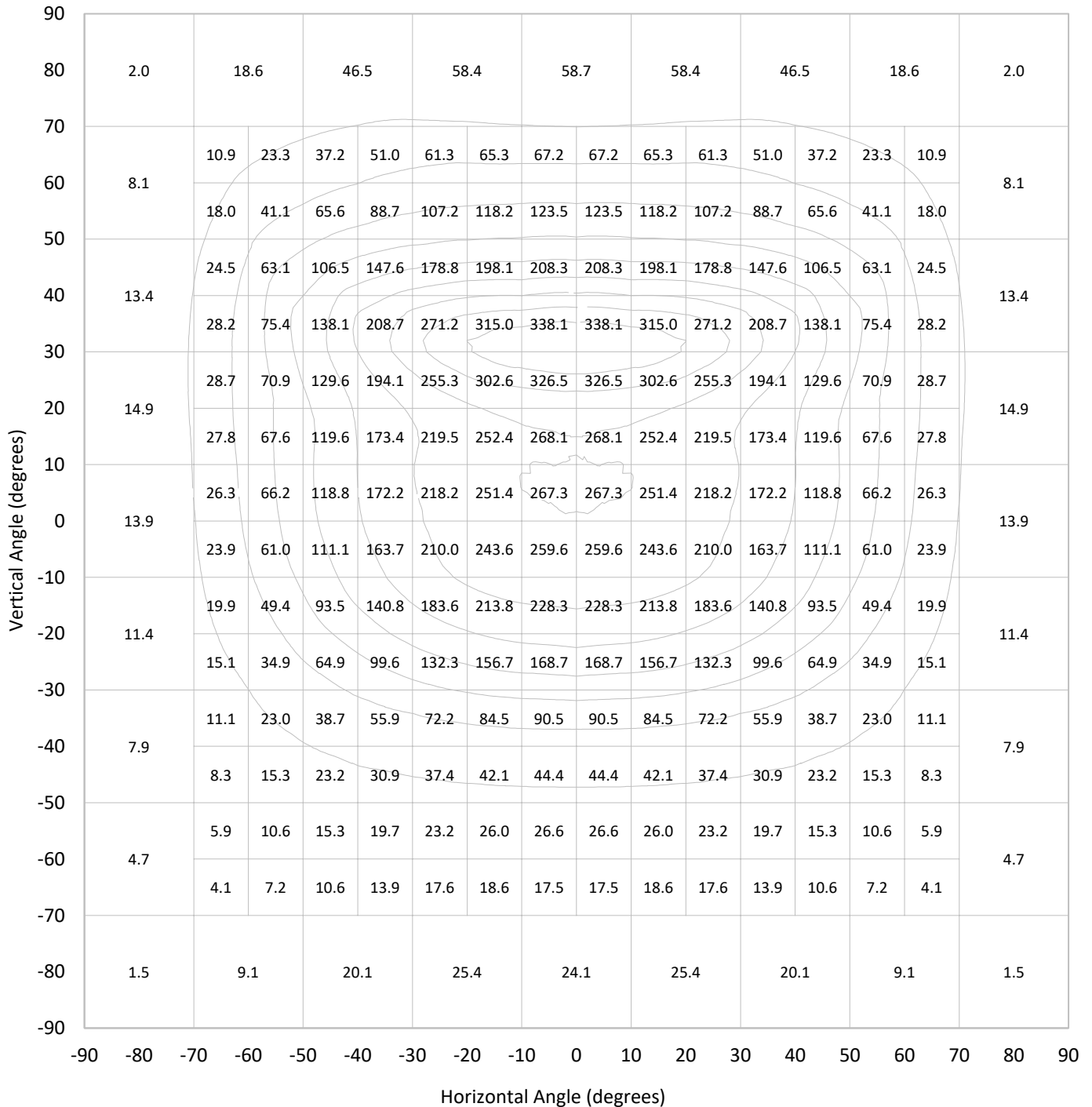
Iso-Candela Plot





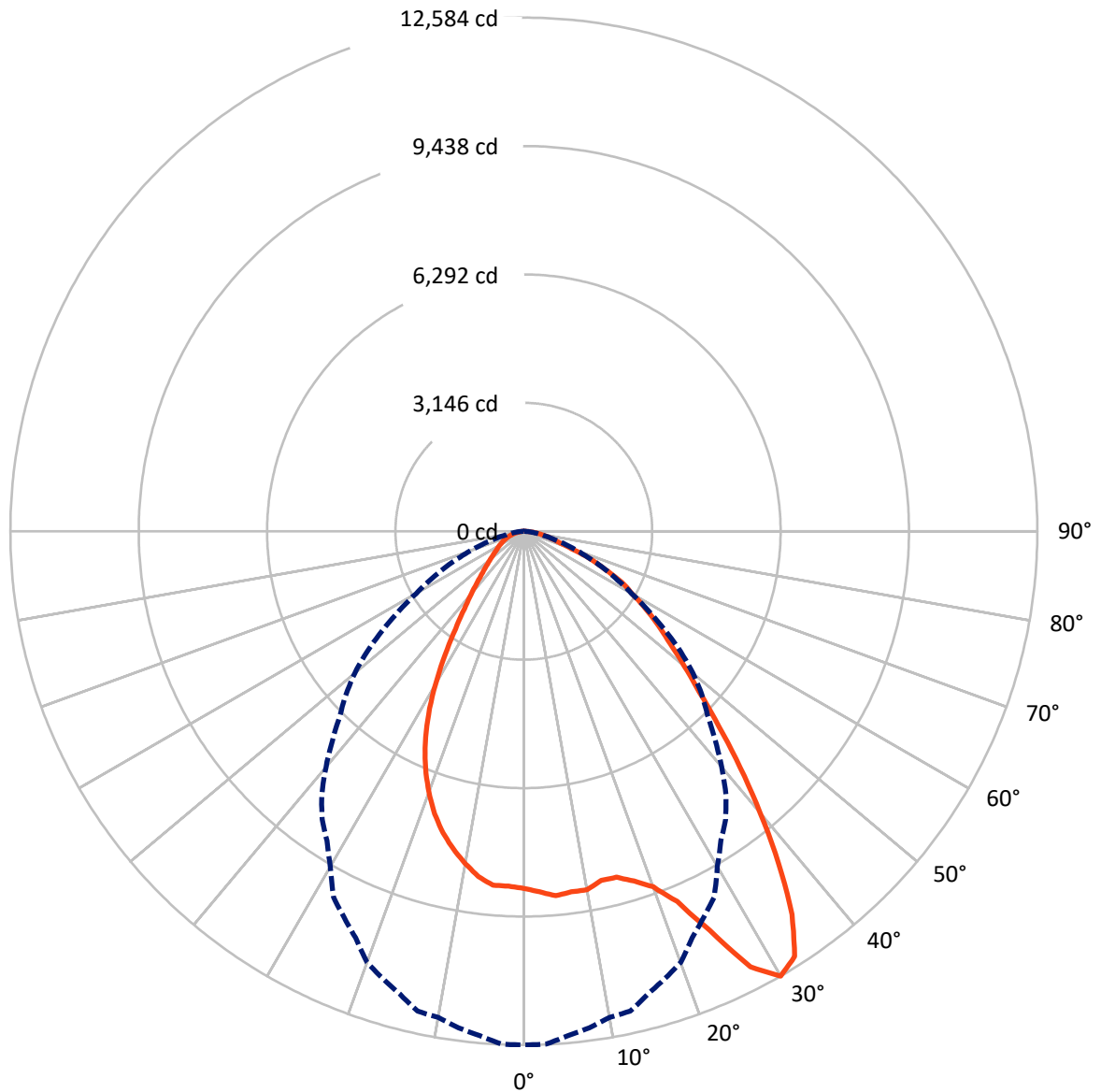
REPORT NUMBER: P722324
 CATALOG NUMBER: IFLD-M-SA4C-940-U-76

Lumen Table



REPORT NUMBER: P722324
CATALOG NUMBER: IFLD-M-SA4C-940-U-76

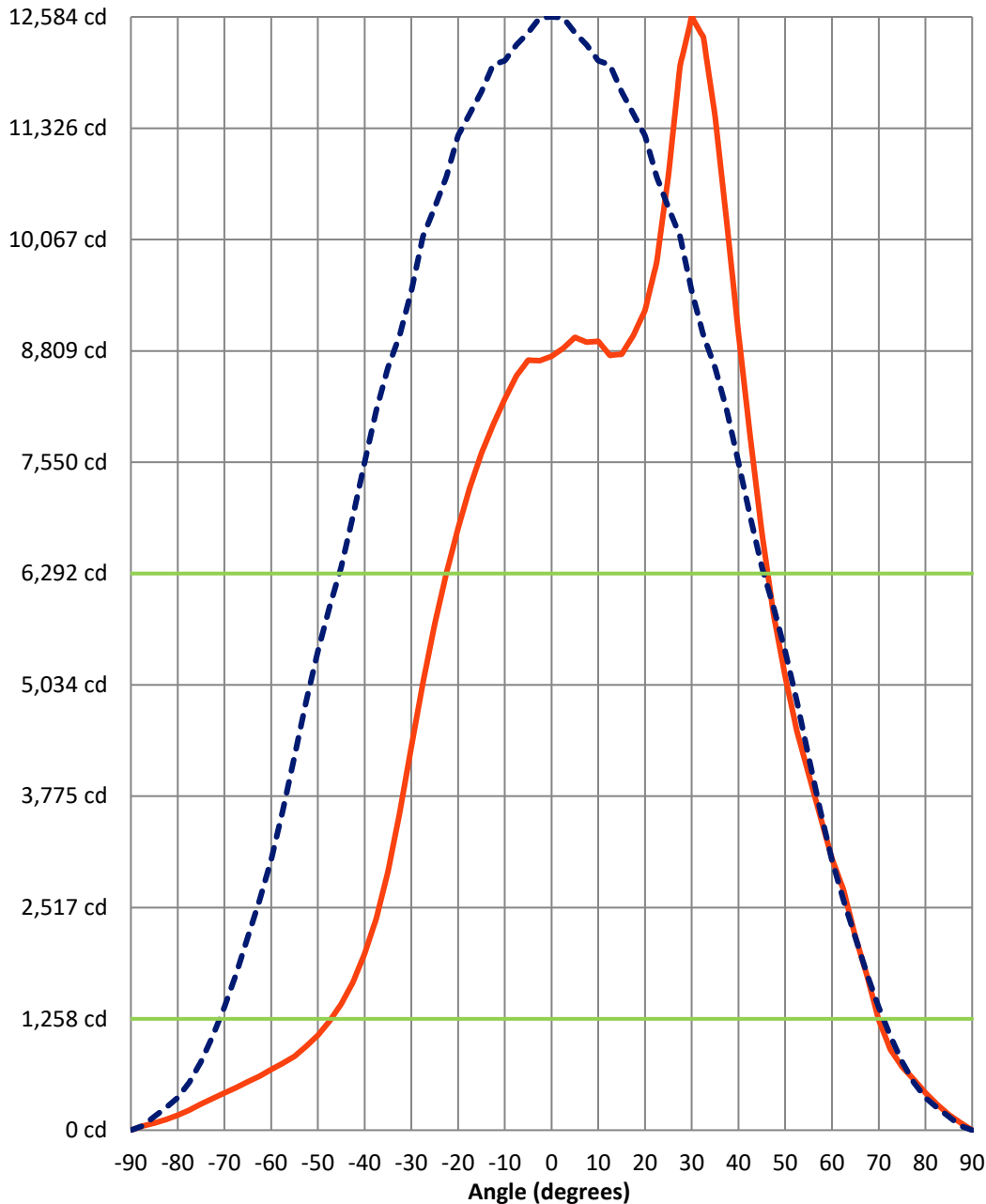
Luminous Intensity Polar Plot



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

REPORT NUMBER: P722324
 CATALOG NUMBER: IFLD-M-SA4C-940-U-76

Luminous Intensity Plot



Beam:
 H Angle: 90.8°
 V Angle: 68.8°
 Lumens: 12215.2
 Efficiency: 58.2%

Field:
 H Angle: 142°
 V Angle: 117.1°
 Lumens: 19685.3
 Efficiency: 93.7%

Spill:
 Lumens: 1320.7
 Efficiency: 6.3%

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



REPORT NUMBER: P722324
 CATALOG NUMBER: IFLD-M-SA4C-940-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°	84.6	86.8	89.0	89.0	86.8	86.8	86.8	84.6	86.8	86.8	86.8
85°	175.8	180.2	184.7	182.5	180.2	175.8	171.3	173.6	175.8	178.0	178.0
82.5°	291.5	298.2	302.6	300.4	296.0	291.5	287.1	289.3	293.7	296.0	296.0
80°	422.8	425.0	427.3	431.7	425.0	425.0	422.8	431.7	436.2	440.6	445.1
77.5°	574.1	576.4	576.4	578.6	580.8	583.0	583.0	598.6	609.7	616.4	623.1
75°	716.5	723.2	729.9	736.6	745.5	749.9	756.6	778.9	796.7	810.0	823.4
72.5°	912.4	921.3	932.4	948.0	963.6	974.7	990.3	1017.0	1037.0	1050.3	1065.9
70°	1248.4	1257.3	1268.4	1279.5	1295.1	1306.3	1321.8	1355.2	1375.2	1384.1	1393.0
67.5°	1746.9	1769.1	1789.1	1766.9	1755.8	1740.2	1744.6	1775.8	1795.8	1809.2	1806.9
65°	2189.7	2205.3	2205.3	2203.0	2194.1	2174.1	2185.2	2223.1	2245.3	2256.5	2223.1
62.5°	2710.4	2710.4	2699.3	2717.1	2719.3	2706.0	2699.3	2701.5	2703.7	2710.4	2654.8
60°	3070.9	3093.2	3099.8	3115.4	3119.9	3119.9	3131.0	3139.9	3139.9	3126.5	3062.0
57.5°	3547.1	3589.4	3598.3	3587.2	3564.9	3536.0	3531.5	3518.2	3491.5	3464.8	3433.6
55°	4027.8	4050.0	4047.8	4041.1	4018.9	3985.5	3990.0	3972.2	3929.9	3896.5	3854.2
52.5°	4510.7	4564.1	4573.0	4559.6	4528.5	4492.9	4495.1	4475.1	4432.8	4397.2	4339.3
50°	5127.1	5171.6	5167.1	5144.9	5100.4	5073.7	5075.9	5038.1	4989.1	4978.0	4902.3
47.5°	5832.5	5883.7	5874.8	5843.6	5783.6	5772.4	5783.6	5734.6	5705.7	5681.2	5592.2
45°	6758.2	6818.3	6784.9	6724.9	6629.2	6640.3	6655.9	6647.0	6584.7	6520.1	6406.6
42.5°	7844.2	7882.0	7842.0	7781.9	7661.7	7684.0	7675.1	7621.6	7583.8	7477.0	7332.4
40°	9005.8	9088.1	9025.8	8932.3	8807.7	8841.1	8816.6	8747.6	8658.6	8525.1	8342.6
37.5°	10258.6	10323.2	10252.0	10142.9	10031.6	10020.5	9971.6	9864.7	9737.9	9591.0	9299.5
35°	11458.1	11625.0	11493.7	11320.1	11184.4	11133.2	11086.4	10839.4	10694.8	10456.7	10058.3
32.5°	12350.4	12472.8	12310.4	12130.1	11965.4	11894.2	11729.5	11435.8	11357.9	10857.2	10492.3
30°	12584.1	12575.2	12406.0	12268.1	12090.0	12041.1	11738.5	11489.2	11240.0	10777.1	10430.0
27.5°	12027.7	11972.1	11809.7	11689.5	11513.7	11455.8	11157.6	11024.1	10639.2	10247.5	9953.8
25°	10788.2	10817.2	10694.8	10634.7	10519.0	10394.4	10276.4	10096.2	9855.8	9513.2	9243.9
22.5°	9811.3	9849.2	9798.0	9726.8	9637.8	9568.8	9479.8	9339.6	9108.1	8896.7	8643.1
20°	9268.4	9257.2	9212.7	9159.3	9074.8	9025.8	8927.9	8810.0	8631.9	8449.5	8175.7
17.5°	8983.5	8914.5	8872.3	8852.2	8807.7	8745.4	8629.7	8509.5	8371.6	8164.6	7964.3
15°	8772.1	8783.3	8749.9	8734.3	8698.7	8611.9	8494.0	8396.1	8209.1	8104.5	7922.1
12.5°	8758.8	8747.6	8749.9	8743.2	8698.7	8587.4	8527.3	8402.7	8282.6	8144.6	7935.4
10°	8916.8	8798.8	8807.7	8838.9	8767.7	8678.7	8614.1	8478.4	8364.9	8189.1	7982.1
7.5°	8907.9	8847.8	8865.6	8814.4	8836.7	8727.6	8638.6	8502.9	8360.4	8173.5	7986.6
5°	8961.3	8870.0	8854.5	8858.9	8803.3	8720.9	8600.8	8471.7	8338.2	8129.0	7937.6
2.5°	8838.9	8852.2	8781.0	8754.3	8747.6	8609.7	8498.4	8373.8	8235.8	8051.1	7879.8
0°	8747.6	8772.1	8698.7	8660.9	8658.6	8540.7	8469.5	8327.1	8229.2	8075.6	7868.7
-2.5°	8698.7	8727.6	8736.5	8667.5	8600.8	8509.5	8389.4	8235.8	8075.6	7897.6	7719.6
-5°	8703.1	8645.3	8620.8	8643.1	8585.2	8494.0	8360.4	8224.7	8066.7	7875.3	7652.8
-7.5°	8527.3	8469.5	8465.0	8453.9	8440.6	8353.8	8242.5	8095.6	7935.4	7757.4	7550.4
-10°	8264.8	8222.5	8211.4	8200.2	8164.6	8113.4	8008.8	7875.3	7730.7	7552.7	7332.4
-12.5°	7973.2	7953.2	7910.9	7882.0	7846.4	7786.3	7686.2	7563.8	7419.1	7261.1	7072.0
-15°	7650.6	7612.7	7570.5	7546.0	7494.8	7423.6	7323.5	7210.0	7052.0	6896.2	6718.2
-17.5°	7261.1	7214.4	7167.7	7161.0	7125.4	7016.4	6922.9	6784.9	6647.0	6497.9	6324.3
-20°	6802.7	6738.2	6707.0	6689.2	6640.3	6560.2	6460.0	6333.2	6199.7	6057.3	5857.0



REPORT NUMBER: P722324
 CATALOG NUMBER: IFLD-M-SA4C-940-U-76

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	6295.4	6239.7	6186.3	6153.0	6110.7	6048.4	5952.7	5841.4	5710.1	5549.9	5365.2
-25°	5719.0	5641.1	5607.8	5569.9	5547.7	5489.8	5396.3	5294.0	5158.2	5002.5	4826.7
-27.5°	5060.3	4998.0	4980.2	4926.8	4900.1	4840.0	4762.1	4666.5	4541.8	4395.0	4250.3
-30°	4332.7	4294.8	4265.9	4212.5	4192.5	4127.9	4076.7	3996.6	3883.1	3778.6	3662.8
-32.5°	3585.0	3547.1	3538.2	3513.7	3500.4	3458.1	3400.3	3342.4	3251.2	3173.3	3079.8
-35°	2921.8	2895.1	2897.3	2895.1	2881.8	2850.6	2779.4	2763.8	2697.1	2625.9	2565.8
-37.5°	2392.2	2394.4	2392.2	2390.0	2372.2	2358.8	2307.6	2287.6	2247.6	2178.6	2143.0
-40°	1993.9	1998.3	1996.1	1991.6	1971.6	1964.9	1931.6	1904.9	1889.3	1840.3	1802.5
-42.5°	1671.2	1677.9	1675.6	1673.4	1660.1	1657.8	1640.0	1608.9	1600.0	1571.1	1531.0
-45°	1426.4	1424.2	1419.7	1424.2	1417.5	1410.8	1399.7	1379.7	1368.6	1355.2	1321.8
-47.5°	1232.8	1235.0	1230.6	1230.6	1221.7	1215.0	1210.6	1197.2	1188.3	1177.2	1157.2
-50°	1072.6	1081.5	1079.3	1077.0	1070.4	1065.9	1065.9	1052.6	1039.2	1034.8	1021.4
-52.5°	948.0	954.7	956.9	961.3	963.6	965.8	959.1	945.8	923.5	921.3	914.6
-55°	834.5	854.5	867.9	876.8	885.7	892.3	879.0	861.2	838.9	830.0	827.8
-57.5°	756.6	776.6	792.2	805.6	816.7	827.8	814.5	796.7	776.6	765.5	763.3
-60°	685.4	703.2	718.8	736.6	752.2	770.0	763.3	749.9	738.8	729.9	721.0
-62.5°	609.7	627.5	645.3	667.6	687.6	705.4	707.6	705.4	703.2	705.4	689.8
-65°	547.4	556.3	567.5	591.9	614.2	634.2	645.3	652.0	663.1	674.3	658.7
-67.5°	480.7	491.8	505.1	522.9	540.7	554.1	569.7	587.5	605.3	623.1	612.0
-70°	420.6	429.5	440.6	449.5	460.6	469.5	482.9	502.9	522.9	540.7	536.3
-72.5°	358.3	367.2	373.9	378.3	385.0	389.4	396.1	413.9	427.3	436.2	436.2
-75°	296.0	304.9	311.5	313.8	318.2	320.4	324.9	331.6	338.2	340.5	342.7
-77.5°	227.0	235.9	242.6	247.0	251.5	255.9	258.1	262.6	264.8	264.8	267.0
-80°	169.1	175.8	180.2	186.9	189.2	193.6	198.1	200.3	202.5	202.5	204.7
-82.5°	120.2	124.6	129.1	133.5	138.0	140.2	144.6	146.9	149.1	151.3	153.5
-85°	80.1	84.6	89.0	93.5	95.7	97.9	100.1	102.4	104.6	106.8	109.0
-87.5°	46.7	49.0	51.2	55.6	57.9	62.3	64.5	62.3	64.5	64.5	64.5
-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: P722324
 CATALOG NUMBER: IFLD-M-SA4C-940-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°	86.8	86.8	86.8	86.8	84.6	80.1	77.9	73.4	69.0	64.5	60.1
85°	180.2	182.5	182.5	182.5	178.0	175.8	169.1	162.4	153.5	140.2	129.1
82.5°	300.4	302.6	302.6	300.4	296.0	289.3	280.4	269.3	251.5	233.7	218.1
80°	451.7	454.0	454.0	451.7	440.6	429.5	418.4	405.0	382.8	358.3	331.6
77.5°	632.0	636.4	636.4	629.8	614.2	600.8	583.0	560.8	527.4	491.8	456.2
75°	841.2	852.3	854.5	847.8	827.8	803.3	774.4	736.6	685.4	640.9	598.6
72.5°	1083.7	1094.8	1103.7	1094.8	1065.9	1032.5	990.3	945.8	894.6	834.5	763.3
70°	1401.9	1413.1	1419.7	1390.8	1339.6	1284.0	1232.8	1181.6	1121.6	1048.1	970.2
67.5°	1802.5	1791.4	1778.0	1720.2	1655.6	1588.9	1517.7	1442.0	1364.1	1286.2	1195.0
65°	2187.5	2156.3	2127.4	2058.4	1976.1	1889.3	1806.9	1722.4	1628.9	1531.0	1444.2
62.5°	2592.5	2525.7	2454.5	2369.9	2285.4	2189.7	2107.4	2007.2	1902.6	1782.5	1671.2
60°	2990.8	2910.7	2839.5	2734.9	2623.6	2494.6	2405.5	2307.6	2185.2	2056.2	1924.9
57.5°	3375.8	3289.0	3211.1	3119.9	2999.7	2859.5	2761.6	2634.8	2505.7	2343.2	2209.7
55°	3785.2	3698.4	3636.1	3533.8	3402.5	3273.4	3166.6	3033.1	2852.8	2679.3	2514.6
52.5°	4254.8	4185.8	4119.0	4014.4	3856.4	3725.1	3607.2	3458.1	3269.0	3055.3	2857.3
50°	4779.9	4744.3	4673.1	4550.7	4370.5	4254.8	4099.0	3900.9	3698.4	3473.7	3226.7
47.5°	5476.5	5418.6	5318.5	5184.9	5033.6	4860.1	4650.9	4419.4	4132.4	3883.1	3620.6
45°	6308.7	6201.9	6072.8	5892.6	5705.7	5509.8	5280.6	4986.9	4601.9	4277.0	4001.1
42.5°	7210.0	7065.3	6889.5	6653.6	6411.1	6170.8	5923.7	5523.2	5042.5	4668.7	4357.1
40°	8151.3	7966.6	7746.3	7403.6	7134.3	6825.0	6542.4	5943.8	5432.0	5026.9	4695.4
37.5°	9072.5	8838.9	8469.5	8053.4	7739.6	7485.9	6865.0	6224.2	5765.7	5320.7	4984.7
35°	9778.0	9579.9	8927.9	8496.2	8226.9	7826.4	7049.7	6393.3	5908.2	5538.8	5015.8
32.5°	10196.3	9684.5	9112.6	8676.4	8453.9	7797.4	7063.1	6442.2	5974.9	5561.0	4935.7
30°	10102.9	9484.2	8983.5	8618.6	8135.7	7546.0	6938.5	6366.6	5912.6	5411.9	4846.7
27.5°	9539.9	9061.4	8614.1	8233.6	7759.6	7230.0	6669.2	6166.3	5743.5	5258.4	4724.3
25°	8903.4	8469.5	8137.9	7806.3	7356.8	6851.7	6357.7	5995.0	5569.9	5091.5	4564.1
22.5°	8318.2	8006.6	7746.3	7399.1	6960.7	6520.1	6213.0	5837.0	5400.8	4915.7	4399.4
20°	7944.3	7732.9	7434.7	7052.0	6707.0	6431.1	6090.6	5692.3	5242.8	4735.4	4259.2
17.5°	7764.1	7519.3	7187.7	6938.5	6673.7	6371.0	5990.5	5567.7	5089.3	4653.1	4274.8
15°	7670.6	7412.5	7194.4	6949.6	6651.4	6333.2	5910.4	5472.0	5089.3	4686.5	4285.9
12.5°	7690.6	7468.1	7230.0	6963.0	6642.5	6302.0	5919.3	5512.1	5116.0	4711.0	4288.2
10°	7752.9	7519.3	7265.6	6969.6	6647.0	6310.9	5943.8	5536.5	5129.3	4722.1	4283.7
7.5°	7775.2	7521.5	7250.0	6951.8	6635.8	6306.5	5948.2	5543.2	5131.5	4719.9	4270.3
5°	7706.2	7477.0	7214.4	6914.0	6604.7	6284.2	5930.4	5534.3	5113.7	4697.6	4237.0
2.5°	7612.7	7428.0	7176.6	6887.3	6573.5	6253.1	5901.5	5494.3	5073.7	4657.5	4194.7
0°	7597.2	7368.0	7114.3	6856.1	6522.4	6184.1	5834.7	5418.6	5000.2	4581.9	4121.3
-2.5°	7494.8	7252.2	6998.6	6718.2	6424.4	6084.0	5716.8	5309.6	4895.7	4484.0	4041.1
-5°	7416.9	7147.7	6878.4	6575.8	6279.8	5939.3	5558.8	5162.7	4757.7	4357.1	3929.9
-7.5°	7312.3	7036.4	6753.8	6437.8	6117.3	5770.2	5394.1	4998.0	4599.7	4201.4	3791.9
-10°	7100.9	6858.4	6593.6	6266.4	5928.2	5581.0	5207.2	4817.8	4419.4	4016.7	3605.0
-12.5°	6845.0	6589.1	6299.8	5999.4	5696.8	5374.1	5000.2	4617.5	4216.9	3811.9	3402.5
-15°	6513.4	6262.0	5966.0	5672.3	5380.8	5071.5	4742.1	4397.2	3990.0	3591.6	3182.2
-17.5°	6099.5	5863.7	5598.9	5318.5	5029.2	4717.6	4397.2	4105.7	3725.1	3351.3	2946.3
-20°	5654.5	5434.2	5196.1	4931.3	4642.0	4337.1	4034.5	3729.6	3400.3	3070.9	2694.8



REPORT NUMBER: P722324
 CATALOG NUMBER: IFLD-M-SA4C-940-U-76

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	5191.6	4969.1	4728.8	4481.8	4214.7	3932.1	3651.7	3360.2	3070.9	2772.7	2454.5
-25°	4657.5	4461.7	4241.4	4001.1	3763.0	3516.0	3248.9	2984.1	2737.1	2479.0	2218.6
-27.5°	4099.0	3918.8	3718.5	3509.3	3304.6	3097.6	2866.2	2621.4	2416.7	2203.0	1987.2
-30°	3511.5	3366.9	3204.4	3022.0	2864.0	2697.1	2503.5	2301.0	2114.0	1951.6	1778.0
-32.5°	2955.2	2832.8	2717.1	2596.9	2441.2	2312.1	2178.6	2029.5	1864.8	1711.3	1586.6
-35°	2476.8	2345.5	2296.5	2207.5	2096.2	1982.7	1884.8	1778.0	1653.4	1517.7	1415.3
-37.5°	2074.0	1996.1	1927.1	1878.2	1804.7	1713.5	1635.6	1557.7	1462.0	1359.7	1257.3
-40°	1760.2	1706.8	1631.1	1606.7	1559.9	1497.6	1417.5	1357.4	1292.9	1215.0	1128.2
-42.5°	1508.8	1468.7	1419.7	1377.5	1357.4	1312.9	1250.6	1192.8	1141.6	1088.2	1021.4
-45°	1301.8	1275.1	1243.9	1206.1	1190.5	1154.9	1110.4	1045.9	1017.0	972.5	923.5
-47.5°	1134.9	1121.6	1099.3	1074.8	1052.6	1025.9	985.8	945.8	905.7	876.8	838.9
-50°	1003.6	994.7	981.4	961.3	932.4	914.6	887.9	852.3	814.5	790.0	763.3
-52.5°	899.0	890.1	881.2	865.6	843.4	825.6	803.3	774.4	743.2	718.8	696.5
-55°	818.9	805.6	798.9	785.5	767.7	747.7	727.7	707.6	680.9	658.7	636.4
-57.5°	756.6	738.8	729.9	718.8	701.0	680.9	665.4	645.3	627.5	603.1	583.0
-60°	707.6	687.6	669.8	658.7	643.1	623.1	607.5	591.9	574.1	554.1	529.6
-62.5°	667.6	643.1	618.6	605.3	589.7	571.9	556.3	540.7	522.9	502.9	480.7
-65°	629.8	600.8	569.7	556.3	540.7	522.9	502.9	491.8	476.2	458.4	436.2
-67.5°	583.0	551.9	525.2	509.6	494.0	478.4	460.6	449.5	433.9	411.7	389.4
-70°	514.0	494.0	476.2	462.9	449.5	436.2	418.4	400.6	382.8	362.7	342.7
-72.5°	427.3	420.6	418.4	411.7	396.1	380.5	362.7	344.9	329.3	313.8	298.2
-75°	344.9	349.4	353.8	351.6	336.0	320.4	304.9	289.3	278.2	264.8	251.5
-77.5°	273.7	278.2	282.6	282.6	271.5	262.6	251.5	240.3	231.4	220.3	207.0
-80°	211.4	218.1	224.8	229.2	220.3	213.6	204.7	195.8	186.9	178.0	169.1
-82.5°	160.2	166.9	173.6	178.0	171.3	166.9	160.2	153.5	146.9	138.0	131.3
-85°	115.7	120.2	124.6	126.8	122.4	117.9	113.5	109.0	104.6	97.9	93.5
-87.5°	66.8	69.0	71.2	73.4	69.0	64.5	62.3	57.9	55.6	51.2	49.0
-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: P722324
 CATALOG NUMBER: IFLD-M-SA4C-940-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°	55.6	51.2	46.7	44.5	40.1	33.4	28.9	24.5	20.0	15.6	13.4
85°	117.9	106.8	93.5	86.8	77.9	69.0	60.1	51.2	42.3	33.4	24.5
82.5°	202.5	189.2	175.8	160.2	140.2	115.7	91.2	75.7	62.3	49.0	37.8
80°	304.9	280.4	258.1	238.1	215.9	184.7	151.3	120.2	84.6	64.5	49.0
77.5°	422.8	393.9	362.7	329.3	293.7	251.5	213.6	173.6	131.3	89.0	62.3
75°	556.3	518.5	476.2	429.5	382.8	327.1	273.7	227.0	178.0	124.6	75.7
72.5°	705.4	658.7	607.5	545.2	471.8	407.2	342.7	280.4	222.5	158.0	102.4
70°	896.8	823.4	747.7	680.9	587.5	485.1	409.5	338.2	264.8	193.6	129.1
67.5°	1101.5	1012.5	921.3	823.4	705.4	585.3	476.2	396.1	309.3	227.0	153.5
65°	1324.1	1212.8	1097.1	988.0	825.6	683.2	560.8	451.7	351.6	258.1	178.0
62.5°	1553.3	1422.0	1288.4	1146.0	959.1	783.3	640.9	514.0	391.7	287.1	200.3
60°	1798.0	1644.5	1482.0	1304.0	1085.9	892.3	716.5	578.6	433.9	316.0	224.8
57.5°	2056.2	1889.3	1697.9	1457.6	1217.2	996.9	803.3	636.4	471.8	342.7	242.6
55°	2336.6	2145.2	1936.0	1617.8	1346.3	1101.5	890.1	694.3	511.8	364.9	260.4
52.5°	2639.2	2416.7	2151.9	1786.9	1482.0	1208.3	970.2	745.5	549.6	389.4	275.9
50°	2977.4	2697.1	2341.0	1942.7	1600.0	1308.5	1050.3	801.1	580.8	416.1	289.3
47.5°	3329.0	3026.4	2510.1	2087.3	1720.2	1406.4	1132.7	850.1	612.0	438.4	302.6
45°	3696.2	3255.6	2685.9	2216.4	1824.7	1495.4	1195.0	894.6	649.8	458.4	313.8
42.5°	4058.9	3429.2	2839.5	2345.5	1922.7	1575.5	1246.2	936.9	680.9	478.4	324.9
40°	4230.3	3560.5	2961.9	2434.5	2005.0	1646.7	1290.7	974.7	707.6	491.8	336.0
37.5°	4301.5	3640.6	3042.0	2519.0	2069.5	1684.6	1328.5	1008.1	729.9	505.1	344.9
35°	4317.1	3669.5	3082.0	2576.9	2122.9	1720.2	1357.4	1032.5	747.7	518.5	353.8
32.5°	4288.2	3660.6	3093.2	2596.9	2156.3	1746.9	1377.5	1050.3	761.1	531.8	362.7
30°	4223.6	3613.9	3053.1	2594.7	2180.8	1762.4	1390.8	1063.7	774.4	540.7	367.2
27.5°	4119.0	3531.5	3001.9	2596.9	2194.1	1769.1	1397.5	1070.4	783.3	547.4	376.1
25°	3990.0	3420.3	3004.2	2592.5	2196.4	1771.3	1397.5	1070.4	785.5	549.6	382.8
22.5°	3840.9	3420.3	3004.2	2585.8	2183.0	1766.9	1390.8	1065.9	785.5	554.1	389.4
20°	3849.8	3422.5	2997.5	2572.4	2163.0	1753.5	1375.2	1054.8	778.9	560.8	393.9
17.5°	3856.4	3418.1	2984.1	2554.6	2136.3	1731.3	1355.2	1039.2	778.9	567.5	396.1
15°	3856.4	3404.7	2964.1	2527.9	2102.9	1700.1	1326.3	1025.9	781.1	569.7	400.6
12.5°	3849.8	3380.2	2932.9	2492.3	2062.9	1662.3	1308.5	1021.4	781.1	571.9	400.6
10°	3836.4	3346.8	2892.9	2447.8	2025.0	1648.9	1299.6	1012.5	776.6	571.9	400.6
7.5°	3811.9	3306.8	2859.5	2421.1	2002.8	1633.4	1286.2	999.2	770.0	567.5	405.0
5°	3774.1	3284.5	2832.8	2390.0	1971.6	1622.2	1277.3	988.0	765.5	567.5	400.6
2.5°	3725.1	3257.8	2801.7	2349.9	1936.0	1584.4	1248.4	963.6	749.9	558.5	396.1
0°	3645.0	3204.4	2748.2	2294.3	1887.1	1546.6	1219.5	939.1	734.3	549.6	391.7
-2.5°	3571.6	3133.2	2679.3	2236.4	1840.3	1513.2	1197.2	925.7	727.7	547.4	389.4
-5°	3469.2	3035.3	2588.0	2160.8	1778.0	1479.8	1175.0	910.1	721.0	543.0	389.4
-7.5°	3355.8	2932.9	2492.3	2082.9	1715.7	1422.0	1132.7	885.7	705.4	534.1	387.2
-10°	3180.0	2779.4	2372.2	1993.9	1648.9	1370.8	1097.1	863.4	692.1	525.2	378.3
-12.5°	2993.0	2610.3	2234.2	1884.8	1573.3	1317.4	1057.0	838.9	676.5	516.3	373.9
-15°	2795.0	2436.7	2089.6	1771.3	1491.0	1252.8	1014.7	812.2	660.9	505.1	367.2
-17.5°	2588.0	2254.2	1940.5	1655.6	1408.6	1186.1	970.2	787.8	643.1	494.0	360.5
-20°	2369.9	2067.3	1789.1	1537.7	1321.8	1119.3	923.5	758.8	623.1	480.7	351.6



REPORT NUMBER: P722324
 CATALOG NUMBER: IFLD-M-SA4C-940-U-76

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2154.1	1882.6	1633.4	1422.0	1232.8	1050.3	876.8	729.9	600.8	465.1	344.9
-25°	1962.7	1709.0	1495.4	1310.7	1146.0	983.6	827.8	701.0	576.4	449.5	336.0
-27.5°	1775.8	1559.9	1359.7	1206.1	1061.5	919.0	781.1	669.8	551.9	431.7	327.1
-30°	1602.2	1417.5	1252.8	1103.7	981.4	861.2	741.0	638.7	525.2	413.9	316.0
-32.5°	1444.2	1295.1	1157.2	1014.7	905.7	803.3	703.2	607.5	498.5	396.1	304.9
-35°	1297.3	1181.6	1061.5	941.3	830.0	749.9	663.1	574.1	474.0	376.1	293.7
-37.5°	1166.1	1072.6	976.9	874.5	778.9	698.7	625.3	540.7	449.5	358.3	282.6
-40°	1052.6	976.9	892.3	810.0	729.9	654.2	587.5	507.4	425.0	344.9	271.5
-42.5°	948.0	890.1	821.1	752.2	680.9	614.2	549.6	471.8	400.6	329.3	260.4
-45°	867.9	810.0	754.4	692.1	632.0	574.1	509.6	440.6	378.3	311.5	249.2
-47.5°	792.2	741.0	689.8	638.7	589.7	536.3	471.8	413.9	353.8	296.0	240.3
-50°	725.4	676.5	632.0	587.5	545.2	494.0	433.9	387.2	333.8	280.4	229.2
-52.5°	663.1	620.9	576.4	540.7	505.1	454.0	405.0	360.5	313.8	262.6	218.1
-55°	607.5	567.5	527.4	494.0	460.6	416.1	376.1	338.2	293.7	249.2	207.0
-57.5°	554.1	520.7	482.9	451.7	418.4	382.8	349.4	313.8	273.7	235.9	195.8
-60°	505.1	474.0	440.6	409.5	380.5	351.6	320.4	291.5	255.9	220.3	184.7
-62.5°	456.2	429.5	400.6	369.4	347.1	320.4	296.0	267.0	238.1	207.0	164.7
-65°	411.7	387.2	360.5	333.8	313.8	293.7	271.5	244.8	220.3	191.4	146.9
-67.5°	367.2	344.9	322.7	300.4	282.6	267.0	244.8	224.8	204.7	173.6	129.1
-70°	324.9	307.1	287.1	269.3	255.9	238.1	222.5	204.7	186.9	151.3	109.0
-72.5°	284.8	267.0	251.5	238.1	227.0	211.4	198.1	184.7	160.2	126.8	91.2
-75°	238.1	227.0	218.1	207.0	195.8	184.7	173.6	158.0	133.5	102.4	71.2
-77.5°	195.8	189.2	182.5	173.6	164.7	155.8	142.4	126.8	106.8	80.1	57.9
-80°	160.2	153.5	149.1	140.2	133.5	124.6	111.3	97.9	77.9	62.3	46.7
-82.5°	122.4	117.9	113.5	109.0	102.4	93.5	80.1	69.0	57.9	46.7	35.6
-85°	86.8	84.6	80.1	75.7	69.0	62.3	53.4	46.7	40.1	31.2	24.5
-87.5°	44.5	42.3	40.1	37.8	35.6	31.2	26.7	22.3	20.0	15.6	11.1
-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: P722324
 CATALOG NUMBER: IFLD-M-SA4C-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	8.9	6.7	2.2	0.0
85°	17.8	11.1	4.5	0.0
82.5°	26.7	17.8	6.7	0.0
80°	35.6	22.3	11.1	0.0
77.5°	44.5	26.7	13.4	0.0
75°	53.4	33.4	15.6	0.0
72.5°	60.1	37.8	17.8	0.0
70°	71.2	44.5	20.0	0.0
67.5°	89.0	49.0	22.3	0.0
65°	104.6	53.4	24.5	0.0
62.5°	122.4	57.9	26.7	0.0
60°	138.0	62.3	28.9	0.0
57.5°	153.5	73.4	31.2	0.0
55°	166.9	82.3	33.4	0.0
52.5°	182.5	91.2	35.6	0.0
50°	195.8	100.1	37.8	0.0
47.5°	207.0	109.0	37.8	0.0
45°	215.9	115.7	40.1	0.0
42.5°	222.5	122.4	42.3	0.0
40°	229.2	129.1	44.5	0.0
37.5°	235.9	135.7	44.5	0.0
35°	242.6	142.4	46.7	0.0
32.5°	249.2	149.1	46.7	0.0
30°	253.7	153.5	49.0	0.0
27.5°	260.4	158.0	49.0	0.0
25°	262.6	162.4	51.2	0.0
22.5°	267.0	164.7	51.2	0.0
20°	271.5	169.1	51.2	0.0
17.5°	273.7	171.3	53.4	0.0
15°	273.7	173.6	55.6	0.0
12.5°	275.9	175.8	55.6	0.0
10°	275.9	180.2	53.4	0.0
7.5°	280.4	178.0	53.4	0.0
5°	278.2	178.0	53.4	0.0
2.5°	275.9	175.8	53.4	0.0
0°	273.7	175.8	53.4	0.0
-2.5°	273.7	175.8	53.4	0.0
-5°	273.7	175.8	53.4	0.0
-7.5°	271.5	178.0	53.4	0.0
-10°	267.0	178.0	53.4	0.0
-12.5°	264.8	171.3	53.4	0.0
-15°	262.6	169.1	53.4	0.0
-17.5°	258.1	166.9	51.2	0.0
-20°	253.7	164.7	51.2	0.0



REPORT NUMBER: P722324
 CATALOG NUMBER: IFLD-M-SA4C-940-U-76

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	249.2	160.2	51.2	0.0
-25°	244.8	155.8	49.0	0.0
-27.5°	240.3	151.3	49.0	0.0
-30°	233.7	146.9	46.7	0.0
-32.5°	227.0	142.4	46.7	0.0
-35°	222.5	135.7	44.5	0.0
-37.5°	215.9	129.1	44.5	0.0
-40°	209.2	122.4	42.3	0.0
-42.5°	202.5	115.7	40.1	0.0
-45°	193.6	109.0	40.1	0.0
-47.5°	186.9	102.4	37.8	0.0
-50°	175.8	93.5	35.6	0.0
-52.5°	162.4	84.6	33.4	0.0
-55°	149.1	77.9	31.2	0.0
-57.5°	135.7	69.0	31.2	0.0
-60°	122.4	60.1	28.9	0.0
-62.5°	109.0	55.6	26.7	0.0
-65°	95.7	51.2	24.5	0.0
-67.5°	80.1	44.5	22.3	0.0
-70°	66.8	40.1	20.0	0.0
-72.5°	57.9	35.6	17.8	0.0
-75°	49.0	31.2	15.6	0.0
-77.5°	42.3	26.7	13.4	0.0
-80°	33.4	20.0	8.9	0.0
-82.5°	24.5	15.6	6.7	0.0
-85°	15.6	11.1	4.5	0.0
-87.5°	8.9	4.5	2.2	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)