

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: P722674

Luminaire Tested: **IFLD-M-SA4E-930-U-76-VI**

Issue Date: 10/26/2023

Test Information

Test Method: LM-79-2019
Report Number: P722674
Test Lab: INNOVATION CENTER(G3)
Issue Date: 10/26/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4E-930-U-76-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema
7x6 Flood distribution lens with Visor
Light Source: (64) 3000K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	23693 lumens	Max Intensity:	16540.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 30°V
Efficacy:	75.3 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:	15115.1 lumens	Field Lumens:	22337.2 lumens
Beam Efficiency:	63.8%	Field Efficiency:	94.3%

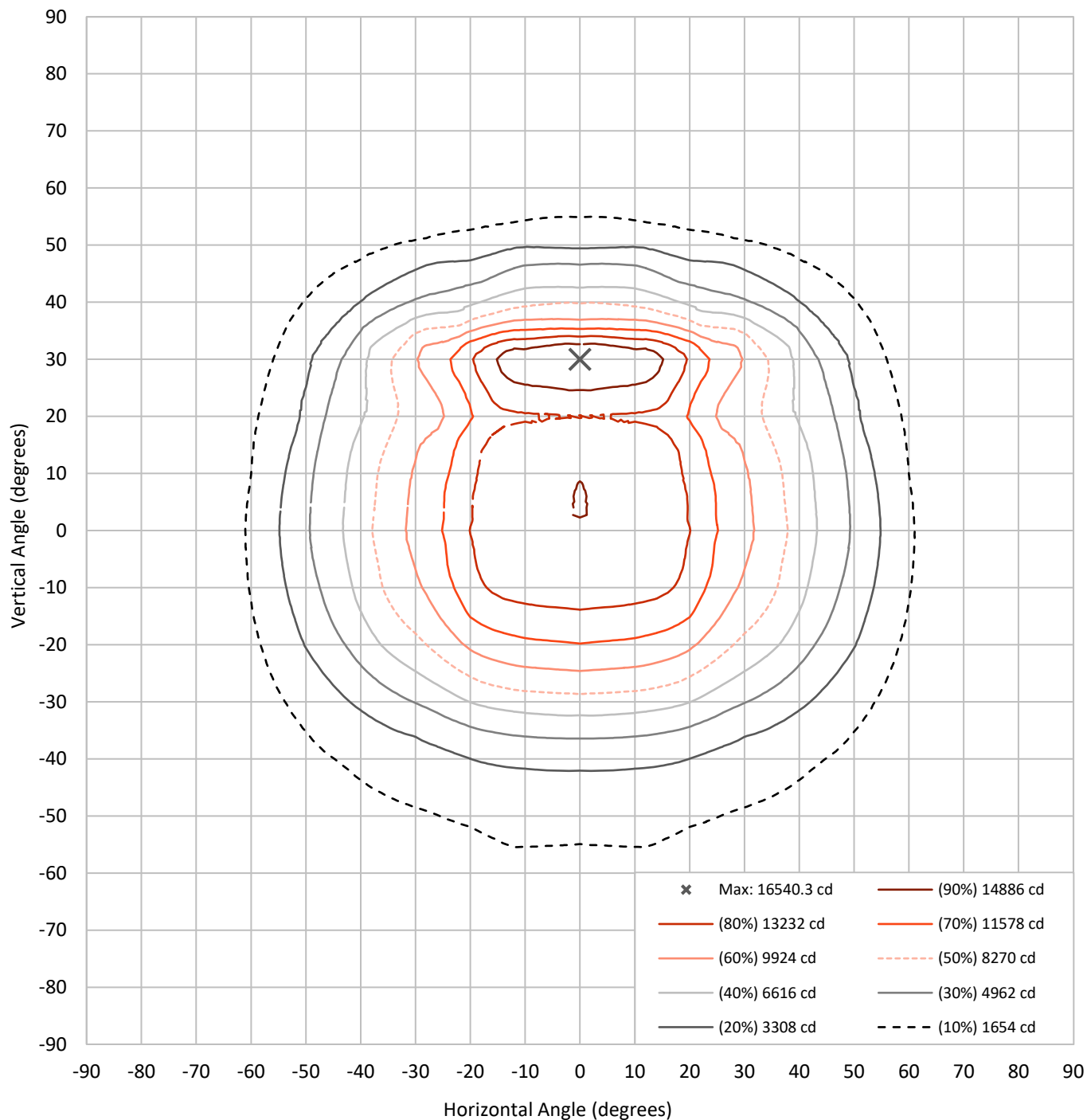
Input Watts (W): 314.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P722674

CATALOG NUMBER: IFLD-M-SA4E-930-U-76-VI

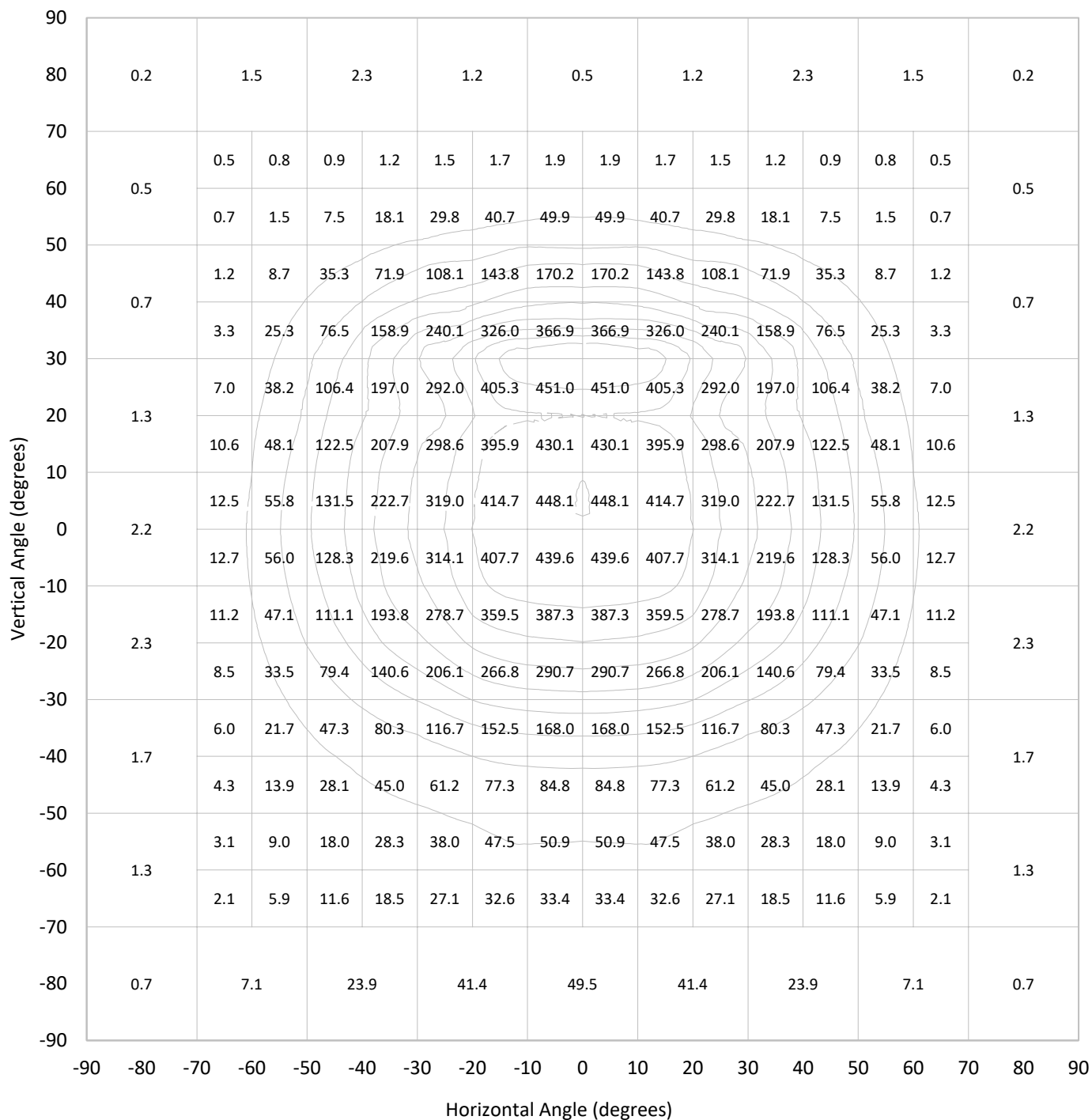
Iso-Candela Plot



REPORT NUMBER: P722674

CATALOG NUMBER: IFLD-M-SA4E-930-U-76-VI

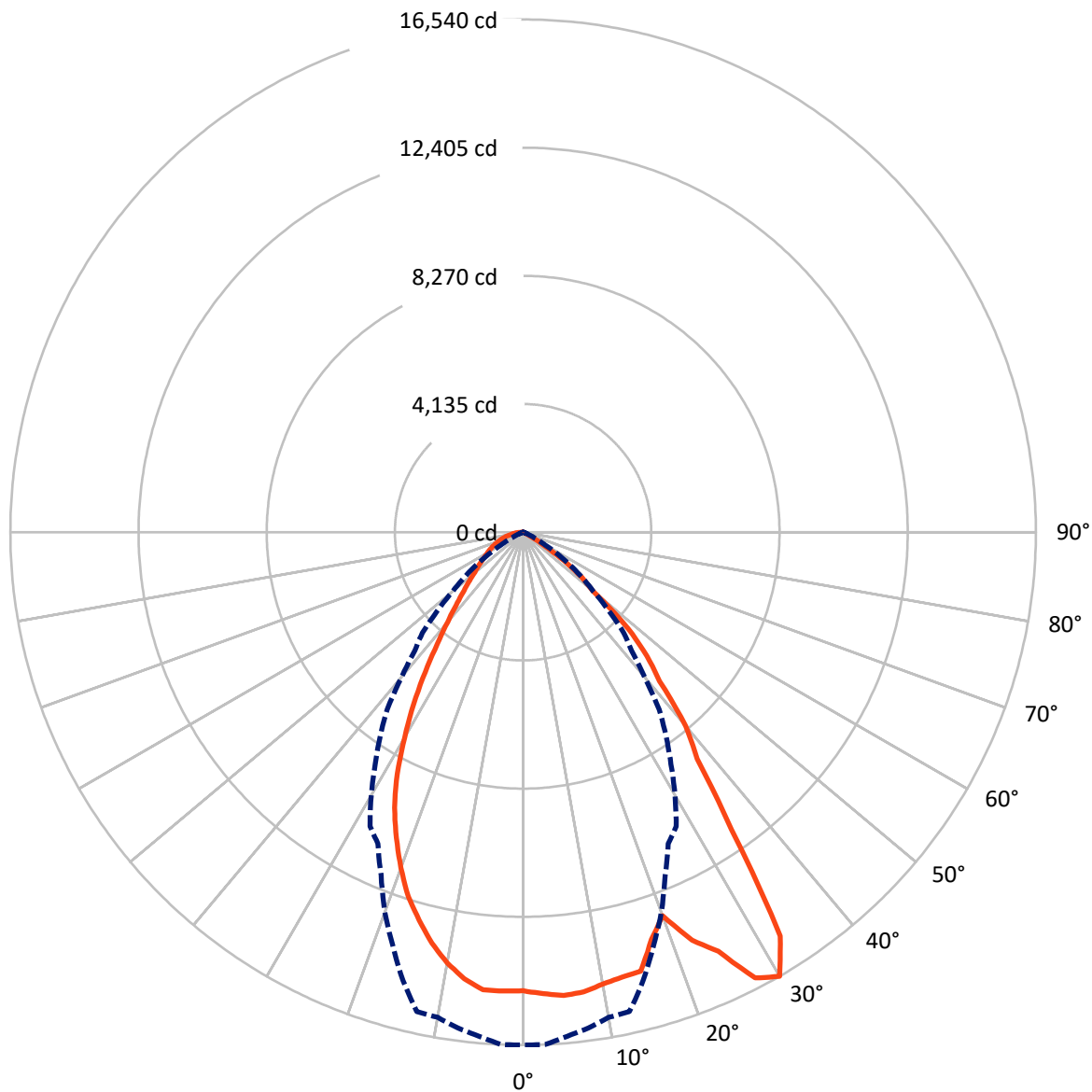
Lumen Table



REPORT NUMBER: P722674

CATALOG NUMBER: IFLD-M-SA4E-930-U-76-VI

Luminous Intensity Polar Plot



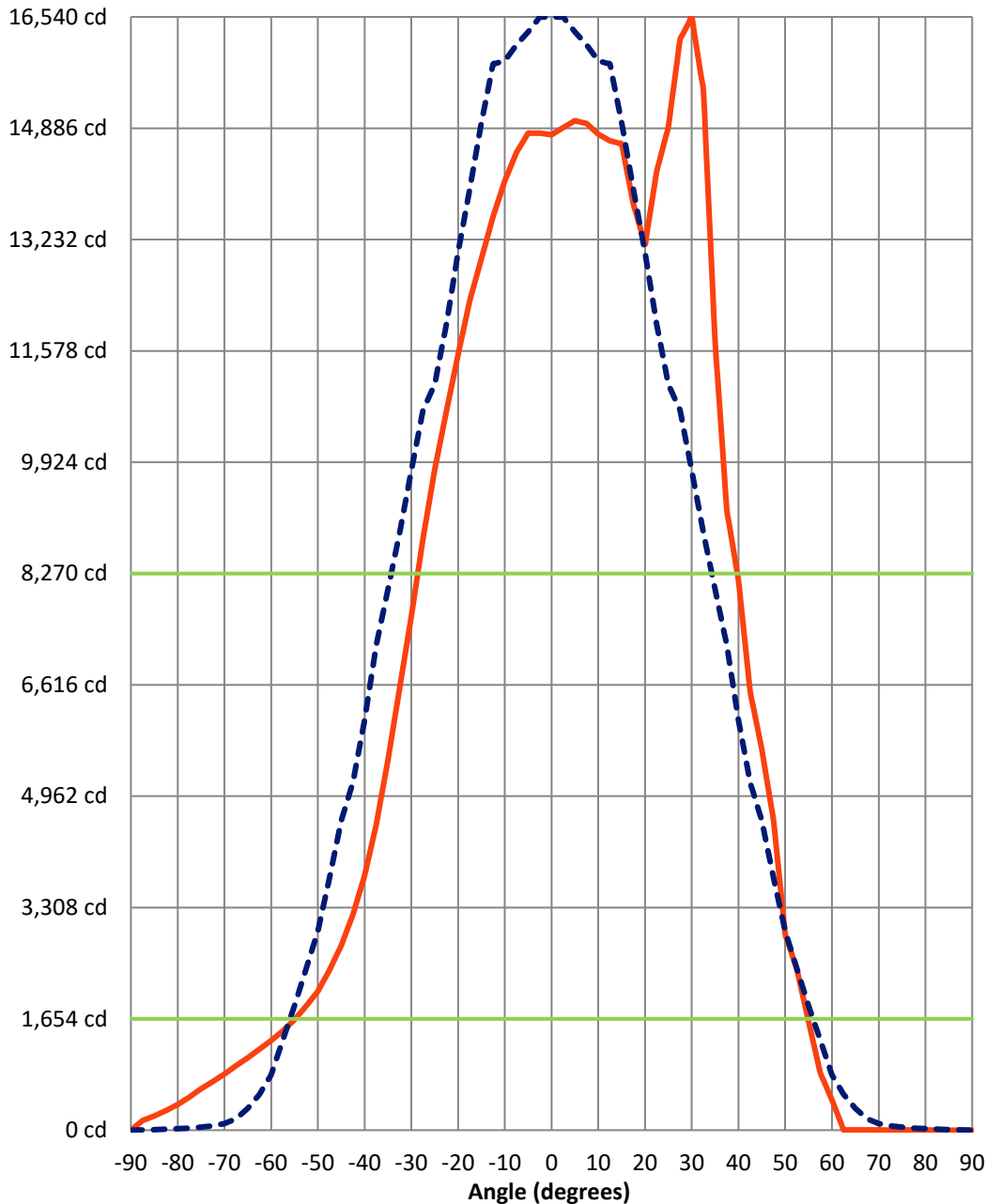
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 30-Deg

REPORT NUMBER: P722674

CATALOG NUMBER: IFLD-M-SA4E-930-U-76-VI

Luminous Intensity Plot



Beam:

H Angle: 68.6°

V Angle: 68.4°

Lumens: 15115.1

Efficiency: 63.8%

Field:

H Angle: 111.9°

V Angle: 109.7°

Lumens: 22337.2

Efficiency: 94.3%

Spill:

Lumens: 1355.8

Efficiency: 5.7%

— Vertical Distribution through 0-Deg

- - Horizontal Distribution through 30-Deg

REPORT NUMBER: P722674

CATALOG NUMBER: IFLD-M-SA4E-930-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	3.8	3.8	3.8	3.8	3.8	3.8	3.8
85°	0.0	3.8	3.8	3.8	7.5	7.5	7.5	7.5	7.5	7.5	11.3
82.5°	0.0	3.8	3.8	3.8	7.5	7.5	7.5	7.5	11.3	11.3	15.1
80°	3.8	3.8	3.8	3.8	7.5	7.5	7.5	11.3	11.3	15.1	15.1
77.5°	3.8	3.8	3.8	7.5	7.5	7.5	11.3	11.3	15.1	15.1	18.9
75°	3.8	3.8	3.8	7.5	7.5	11.3	11.3	11.3	15.1	15.1	18.9
72.5°	0.0	3.8	3.8	7.5	7.5	11.3	11.3	11.3	15.1	15.1	15.1
70°	3.8	3.8	3.8	7.5	7.5	11.3	11.3	11.3	15.1	15.1	15.1
67.5°	3.8	3.8	3.8	7.5	7.5	11.3	11.3	15.1	15.1	15.1	18.9
65°	3.8	3.8	3.8	7.5	11.3	11.3	15.1	18.9	18.9	22.6	26.4
62.5°	3.8	7.5	7.5	11.3	15.1	18.9	41.5	64.1	64.1	45.3	37.7
60°	448.9	486.6	482.8	437.6	381.0	320.6	309.3	298.0	275.4	241.4	252.7
57.5°	852.5	897.7	916.6	905.3	875.1	822.3	792.1	758.2	712.9	660.1	599.8
55°	1614.4	1633.3	1591.8	1512.6	1425.8	1339.1	1308.9	1263.6	1195.7	1127.8	1037.3
52.5°	2387.7	2451.8	2433.0	2353.7	2236.8	2082.2	1912.4	1780.4	1701.2	1625.7	1535.2
50°	2915.8	2942.2	2995.0	3089.3	3123.2	3017.6	2742.3	2387.7	2135.0	2263.2	2165.1
47.5°	4601.9	4733.9	4707.5	4639.6	4526.4	4239.8	3855.0	3538.2	3274.1	3187.4	3202.4
45°	5654.3	5707.1	5688.2	5658.0	5605.2	5337.4	4911.2	4424.6	4179.4	4081.3	3979.5
42.5°	6518.1	6574.6	6586.0	6589.7	6533.1	6288.0	5903.2	5416.6	5171.4	4888.5	4666.0
40°	8166.4	8249.4	8155.1	8030.6	7842.0	7562.9	7185.7	6736.8	6303.1	5956.0	5692.0
37.5°	9218.8	9320.7	9358.4	9350.8	9309.4	9188.6	8724.7	8298.5	7634.6	6857.5	6997.1
35°	11715.9	11821.5	11791.3	11678.2	11617.8	11489.6	11036.9	10531.5	9697.9	8852.9	8626.6
32.5°	15438.9	15669.0	15239.0	14767.5	14477.0	14578.9	14118.7	12881.5	12496.7	10972.8	10267.4
30°	16540.3	16536.5	16317.8	16125.4	15887.8	15838.7	14971.2	13982.9	13039.9	11972.4	11082.2
27.5°	16204.6	16136.7	15951.9	15812.3	15589.8	15472.8	14624.1	13839.6	12749.4	11795.1	10935.1
25°	14910.8	14963.6	14775.0	14748.6	14661.9	14435.5	14013.1	13130.4	12157.2	11101.1	10482.5
22.5°	14243.2	14224.3	13998.0	13866.0	13971.6	13730.2	13560.4	12670.2	11655.6	10765.4	10022.3
20°	13156.8	13160.6	13104.0	13092.7	13028.6	12919.2	12783.4	12153.5	11436.8	10674.8	9780.9
17.5°	13764.1	13918.8	13986.7	13424.6	13583.1	13458.6	13315.2	12436.4	11897.0	11221.8	10056.2
15°	14654.3	14597.7	14529.8	14499.7	14412.9	14296.0	14035.7	13334.1	12406.2	11708.4	10799.3
12.5°	14699.6	14590.2	14563.8	14560.0	14469.5	14307.3	14054.6	13473.7	12651.4	11802.7	11063.3
10°	14797.6	14684.5	14669.4	14688.3	14548.7	14446.8	14194.1	13654.7	12726.8	11964.9	11267.0
7.5°	14956.1	14767.5	14854.2	14797.6	14733.5	14571.3	14299.7	13771.7	13002.2	12179.9	11448.1
5°	14997.6	14790.1	14884.4	14831.6	14737.3	14578.9	14284.7	13847.1	13171.9	12266.6	11519.8
2.5°	14895.7	14835.4	14793.9	14695.8	14654.3	14480.8	14201.7	13733.9	13092.7	12228.9	11504.7
0°	14790.1	14842.9	14748.6	14650.5	14631.7	14492.1	14254.5	13832.0	13277.5	12334.5	11632.9
-2.5°	14812.7	14771.2	14707.1	14605.3	14507.2	14307.3	14092.3	13696.2	13100.2	12104.4	11451.9
-5°	14812.7	14620.4	14627.9	14631.7	14533.6	14326.1	14065.9	13730.2	12994.6	12100.6	11399.1
-7.5°	14526.1	14360.1	14333.7	14311.1	14284.7	14092.3	13888.6	13469.9	12817.3	12002.6	11251.9
-10°	14103.6	13941.4	13956.5	13922.5	13839.6	13711.3	13556.7	13179.4	12643.8	11693.3	10954.0
-12.5°	13575.5	13503.8	13462.3	13405.8	13322.8	13209.6	13051.2	12696.6	12123.3	11312.3	10610.7
-15°	12949.4	12896.5	12858.8	12824.9	12704.2	12587.2	12379.8	12051.6	11693.3	10821.9	10105.2
-17.5°	12323.2	12191.2	12138.4	12093.1	12013.9	11825.3	11636.7	11391.5	10889.8	10199.5	9584.7
-20°	11519.8	11440.5	11376.4	11316.1	11202.9	11055.8	10901.1	10618.2	10184.5	9626.2	8988.7

REPORT NUMBER: P722674

CATALOG NUMBER: IFLD-M-SA4E-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	10678.6	10633.3	10580.5	10505.1	10429.6	10290.1	10075.1	9803.5	9464.0	8860.5	8264.5
-25°	9811.0	9724.3	9660.2	9588.5	9528.1	9399.9	9192.4	8932.2	8505.9	7985.4	7487.5
-27.5°	8788.8	8705.8	8671.9	8588.9	8536.1	8419.2	8211.7	7970.3	7585.5	7148.0	6642.5
-30°	7634.6	7649.7	7611.9	7532.7	7468.6	7317.7	7159.3	6955.6	6653.8	6235.2	5782.5
-32.5°	6567.1	6586.0	6540.7	6457.7	6374.7	6265.3	6118.2	5933.4	5707.1	5307.2	4914.9
-35°	5499.6	5492.1	5454.3	5405.3	5348.7	5258.2	5092.2	4952.7	4692.4	4413.3	4141.7
-37.5°	4541.5	4560.4	4549.1	4522.7	4458.5	4383.1	4247.3	4119.0	3926.7	3681.5	3470.3
-40°	3783.3	3806.0	3790.9	3764.5	3707.9	3662.6	3572.1	3458.9	3304.3	3093.1	2915.8
-42.5°	3202.4	3217.5	3198.7	3176.0	3127.0	3093.1	3021.4	2927.1	2798.8	2636.6	2478.2
-45°	2742.3	2746.0	2727.2	2712.1	2674.4	2632.9	2572.5	2497.1	2395.2	2282.1	2153.8
-47.5°	2380.1	2376.4	2357.5	2342.4	2312.3	2274.5	2225.5	2157.6	2078.4	1991.6	1889.8
-50°	2063.3	2082.2	2074.6	2059.5	2036.9	2010.5	1961.5	1889.8	1810.6	1746.4	1674.8
-52.5°	1844.5	1848.3	1844.5	1844.5	1840.7	1821.9	1765.3	1693.6	1606.9	1550.3	1489.9
-55°	1640.8	1659.7	1667.2	1674.8	1678.6	1678.6	1610.7	1535.2	1452.2	1395.6	1350.4
-57.5°	1474.9	1486.2	1493.7	1512.6	1527.7	1539.0	1478.6	1410.7	1346.6	1293.8	1252.3
-60°	1331.5	1346.6	1357.9	1376.8	1388.1	1395.6	1357.9	1312.7	1274.9	1241.0	1180.6
-62.5°	1203.3	1214.6	1225.9	1237.2	1248.5	1256.1	1241.0	1218.4	1199.5	1184.4	1109.0
-65°	1075.0	1086.3	1097.7	1112.7	1124.1	1131.6	1127.8	1112.7	1097.7	1082.6	1014.7
-67.5°	958.1	969.4	984.5	988.3	995.8	999.6	992.0	980.7	961.9	943.0	890.2
-70°	833.6	841.2	848.7	848.7	848.7	844.9	837.4	822.3	803.4	777.0	735.5
-72.5°	720.5	728.0	735.5	724.2	716.7	705.4	694.1	675.2	656.3	637.5	614.8
-75°	614.8	618.6	618.6	603.5	592.2	580.9	565.8	554.5	535.6	520.5	501.7
-77.5°	490.4	490.4	490.4	479.0	471.5	464.0	452.6	441.3	426.2	414.9	399.8
-80°	381.0	381.0	381.0	377.2	365.9	358.3	350.8	343.3	331.9	324.4	316.8
-82.5°	290.4	290.4	290.4	286.7	279.1	275.4	267.8	260.3	256.5	249.0	245.2
-85°	211.2	215.0	215.0	211.2	207.5	199.9	196.1	192.4	188.6	184.8	177.3
-87.5°	143.3	143.3	143.3	139.6	135.8	135.8	132.0	124.5	116.9	113.2	109.4
-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: P722674

CATALOG NUMBER: IFLD-M-SA4E-930-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°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
85°	11.3	11.3	11.3	15.1	15.1	15.1	15.1	15.1	15.1	15.1	11.3
82.5°	18.9	18.9	22.6	22.6	26.4	26.4	26.4	26.4	26.4	26.4	26.4
80°	18.9	22.6	26.4	30.2	33.9	37.7	37.7	37.7	37.7	33.9	33.9
77.5°	22.6	22.6	26.4	30.2	33.9	37.7	41.5	45.3	41.5	41.5	41.5
75°	22.6	26.4	26.4	30.2	33.9	37.7	41.5	45.3	45.3	45.3	45.3
72.5°	18.9	22.6	26.4	30.2	30.2	33.9	37.7	37.7	41.5	41.5	45.3
70°	18.9	22.6	26.4	26.4	30.2	30.2	33.9	37.7	37.7	41.5	41.5
67.5°	22.6	26.4	26.4	30.2	33.9	33.9	33.9	37.7	37.7	41.5	41.5
65°	26.4	30.2	30.2	33.9	37.7	37.7	41.5	41.5	41.5	45.3	45.3
62.5°	45.3	45.3	45.3	41.5	45.3	45.3	45.3	49.0	49.0	45.3	49.0
60°	233.9	169.7	116.9	147.1	132.0	60.4	60.4	60.4	56.6	56.6	52.8
57.5°	550.7	513.0	441.3	373.4	335.7	298.0	184.8	75.4	75.4	67.9	60.4
55°	920.4	795.9	743.1	652.6	554.5	509.2	422.5	286.7	135.8	90.5	79.2
52.5°	1425.8	1308.9	1173.1	988.3	856.2	750.6	679.0	539.4	362.1	192.4	120.7
50°	1908.6	1855.8	1772.9	1591.8	1316.4	1139.2	1022.2	863.8	648.8	396.1	226.3
47.5°	3074.2	2632.9	2365.1	2225.5	1995.4	1659.7	1433.4	1256.1	995.8	667.6	399.8
45°	3870.1	3591.0	3164.7	2870.5	2531.0	2176.5	1882.2	1678.6	1369.2	999.6	626.2
42.5°	4552.8	4311.4	3926.7	3496.7	3138.3	2674.4	2297.2	2029.3	1769.1	1365.5	935.5
40°	5431.7	5145.0	4775.4	4356.7	3938.0	3345.8	2734.7	2410.3	2123.6	1765.3	1263.6
37.5°	6880.2	6374.7	5771.2	5307.2	4760.3	4258.6	3421.2	2847.9	2508.4	2135.0	1648.4
35°	8622.8	8068.4	7061.2	6446.4	5714.6	4967.8	4213.3	3364.6	2881.8	2485.8	2002.9
32.5°	10244.8	9433.8	8143.8	7423.3	6936.8	5560.0	4779.2	4043.6	3266.6	2780.0	2206.6
30°	10693.7	9799.7	8875.6	8034.4	7204.6	6091.8	5167.7	4594.3	3749.4	2957.3	2399.0
27.5°	10241.0	9626.2	8909.5	8128.7	7231.0	6276.6	5405.3	4858.4	4104.0	3078.0	2549.9
25°	9780.9	9139.6	8637.9	7985.4	7155.5	6265.3	5412.9	5024.3	4379.3	3311.8	2632.9
22.5°	9294.3	8894.4	8479.5	7751.5	6966.9	6299.3	5658.0	5167.7	4522.7	3575.9	2666.8
20°	9320.7	9060.4	8604.0	7630.8	6933.0	6499.2	5952.3	5348.7	4677.3	3806.0	2693.2
17.5°	9743.1	9403.7	8830.3	7985.4	7238.5	6702.9	6197.4	5597.7	4835.7	4009.7	3013.8
15°	10263.7	9746.9	9147.2	8404.1	7559.1	6925.4	6386.0	5771.2	5016.8	4198.3	3300.5
12.5°	10640.9	9905.3	9343.3	8671.9	7906.2	7166.8	6510.5	5903.2	5186.5	4352.9	3515.5
10°	10769.1	10101.5	9437.6	8837.8	8083.4	7295.1	6604.8	5986.2	5333.6	4473.6	3674.0
7.5°	10837.0	10271.2	9501.7	8913.3	8189.1	7374.3	6680.3	6031.5	5450.6	4556.6	3775.8
5°	10829.5	10361.7	9550.8	8935.9	8245.6	7408.3	6733.1	6042.8	5533.6	4628.3	3836.1
2.5°	10795.5	10422.1	9630.0	8973.6	8358.8	7472.4	6834.9	6065.4	5563.7	4707.5	3877.6
0°	10920.0	10425.9	9713.0	8985.0	8434.2	7495.0	6880.2	6046.6	5522.2	4730.1	3873.9
-2.5°	10652.2	10203.3	9694.1	8886.9	8332.4	7442.2	6797.2	5986.2	5431.7	4703.7	3858.8
-5°	10606.9	10041.1	9535.7	8796.4	8162.7	7332.8	6642.5	5873.0	5288.4	4617.0	3798.4
-7.5°	10486.2	9886.5	9381.0	8724.7	8004.2	7219.7	6495.4	5756.1	5133.7	4481.2	3711.7
-10°	10222.2	9648.8	9215.1	8570.0	7811.9	7057.5	6318.1	5601.5	4952.7	4296.3	3575.9
-12.5°	9845.0	9271.6	8841.6	8241.9	7570.4	6838.7	6106.9	5401.5	4745.2	4100.2	3413.7
-15°	9418.7	8837.8	8407.8	7860.9	7212.1	6499.2	5839.1	5148.8	4507.6	3892.7	3221.3
-17.5°	8935.9	8385.2	7970.3	7438.4	6793.4	6114.4	5458.1	4832.0	4232.2	3677.7	2998.8
-20°	8377.7	7842.0	7461.1	6929.2	6337.0	5676.9	5039.4	4447.2	3907.8	3387.3	2753.6

REPORT NUMBER: P722674

CATALOG NUMBER: IFLD-M-SA4E-930-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°	7687.4	7215.9	6782.1	6306.8	5790.1	5186.5	4594.3	4070.0	3553.2	3044.0	2500.9
-25°	6982.0	6525.6	6103.1	5669.4	5175.2	4654.7	4149.2	3674.0	3168.5	2708.3	2255.7
-27.5°	6197.4	5790.1	5412.9	5013.0	4560.4	4111.5	3696.6	3232.6	2795.1	2402.8	2014.3
-30°	5360.0	5028.1	4699.9	4345.4	3979.5	3602.3	3232.6	2795.1	2451.8	2138.7	1810.6
-32.5°	4556.6	4258.6	3994.6	3730.5	3413.7	3104.4	2776.2	2451.8	2165.1	1889.8	1614.4
-35°	3851.2	3534.4	3387.3	3176.0	2923.3	2644.2	2376.4	2150.1	1920.0	1671.0	1425.8
-37.5°	3240.2	3036.5	2863.0	2704.5	2504.6	2263.2	2070.8	1886.0	1693.6	1467.3	1256.1
-40°	2761.1	2614.0	2440.5	2323.6	2161.4	1987.9	1795.5	1640.8	1478.6	1293.8	1120.3
-42.5°	2376.4	2255.7	2142.5	2018.0	1897.3	1750.2	1584.2	1437.1	1290.0	1154.2	1010.9
-45°	2059.5	1972.8	1882.2	1780.4	1674.8	1546.5	1410.7	1259.9	1154.2	1033.5	912.8
-47.5°	1799.3	1735.1	1659.7	1580.5	1489.9	1376.8	1252.3	1142.9	1033.5	931.7	814.8
-50°	1591.8	1531.4	1471.1	1403.2	1324.0	1225.9	1131.6	1029.8	927.9	829.8	720.5
-52.5°	1418.3	1365.5	1316.4	1259.9	1184.4	1101.4	1014.7	924.1	829.8	731.8	645.0
-55°	1297.6	1237.2	1188.2	1131.6	1063.7	984.5	905.3	822.3	731.8	656.3	584.7
-57.5°	1199.5	1131.6	1075.0	1014.7	946.8	878.9	807.2	731.8	663.9	592.2	524.3
-60°	1116.5	1037.3	973.2	912.8	848.7	784.6	724.2	660.1	596.0	531.9	464.0
-62.5°	1029.8	946.8	867.6	811.0	761.9	705.4	652.6	592.2	535.6	471.5	422.5
-65°	931.7	852.5	777.0	728.0	682.7	633.7	584.7	531.9	482.8	433.8	388.5
-67.5°	822.3	754.4	701.6	656.3	611.1	569.6	524.3	479.0	437.6	388.5	343.3
-70°	690.3	652.6	622.4	588.4	546.9	509.2	467.7	426.2	381.0	339.5	298.0
-72.5°	588.4	565.8	543.2	509.2	471.5	437.6	403.6	365.9	328.2	290.4	256.5
-75°	482.8	464.0	445.1	422.5	392.3	365.9	335.7	301.8	271.6	245.2	218.8
-77.5°	388.5	373.4	362.1	343.3	320.6	298.0	279.1	256.5	233.9	207.5	181.1
-80°	309.3	301.8	298.0	290.4	271.6	252.7	237.6	218.8	196.1	177.3	158.4
-82.5°	241.4	241.4	237.6	233.9	218.8	203.7	192.4	177.3	162.2	147.1	128.2
-85°	177.3	173.5	173.5	169.7	158.4	150.9	139.6	132.0	120.7	105.6	98.1
-87.5°	105.6	101.8	98.1	94.3	86.8	83.0	75.4	71.7	64.1	56.6	52.8
-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: P722674

CATALOG NUMBER: IFLD-M-SA4E-930-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°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	0.0	0.0
85°	11.3	7.5	7.5	7.5	7.5	7.5	3.8	3.8	3.8	3.8	3.8
82.5°	22.6	22.6	18.9	18.9	15.1	11.3	7.5	7.5	7.5	3.8	3.8
80°	33.9	33.9	33.9	30.2	26.4	18.9	15.1	11.3	7.5	3.8	3.8
77.5°	41.5	37.7	37.7	33.9	33.9	30.2	22.6	18.9	11.3	7.5	3.8
75°	41.5	41.5	41.5	37.7	37.7	33.9	30.2	22.6	18.9	11.3	7.5
72.5°	45.3	41.5	41.5	41.5	37.7	33.9	30.2	26.4	22.6	15.1	7.5
70°	41.5	41.5	41.5	41.5	37.7	37.7	30.2	26.4	26.4	15.1	11.3
67.5°	41.5	41.5	41.5	37.7	37.7	33.9	30.2	26.4	26.4	18.9	11.3
65°	45.3	41.5	41.5	41.5	37.7	33.9	30.2	26.4	26.4	22.6	15.1
62.5°	49.0	45.3	45.3	41.5	37.7	33.9	30.2	26.4	26.4	22.6	15.1
60°	52.8	49.0	45.3	45.3	41.5	37.7	30.2	30.2	26.4	22.6	15.1
57.5°	56.6	52.8	52.8	49.0	45.3	41.5	33.9	30.2	26.4	22.6	18.9
55°	67.9	60.4	56.6	56.6	52.8	45.3	37.7	30.2	26.4	22.6	18.9
52.5°	90.5	71.7	64.1	64.1	60.4	52.8	41.5	33.9	26.4	22.6	18.9
50°	143.3	90.5	75.4	67.9	67.9	60.4	49.0	37.7	26.4	22.6	18.9
47.5°	226.3	150.9	90.5	79.2	75.4	71.7	56.6	37.7	30.2	22.6	18.9
45°	373.4	222.5	147.1	94.3	79.2	75.4	64.1	41.5	30.2	26.4	18.9
42.5°	513.0	347.0	226.3	113.2	94.3	83.0	67.9	45.3	33.9	26.4	18.9
40°	807.2	475.3	316.8	184.8	109.4	86.8	75.4	52.8	33.9	26.4	18.9
37.5°	1093.9	629.9	426.2	271.6	124.5	98.1	79.2	56.6	37.7	26.4	22.6
35°	1380.6	882.7	528.1	362.1	166.0	116.9	83.0	60.4	37.7	26.4	22.6
32.5°	1637.1	1120.3	633.7	452.6	249.0	139.6	90.5	64.1	41.5	30.2	22.6
30°	1848.3	1339.1	822.3	531.9	324.4	169.7	98.1	64.1	45.3	30.2	22.6
27.5°	2006.7	1508.8	1014.7	614.8	388.5	199.9	113.2	71.7	45.3	30.2	22.6
25°	2135.0	1640.8	1184.4	701.6	445.1	249.0	135.8	75.4	49.0	33.9	22.6
22.5°	2236.8	1750.2	1324.0	818.5	513.0	298.0	166.0	83.0	49.0	33.9	22.6
20°	2376.4	1859.6	1418.3	943.0	584.7	343.3	192.4	90.5	49.0	33.9	26.4
17.5°	2497.1	1969.0	1493.7	1048.6	656.3	377.2	222.5	98.1	52.8	33.9	26.4
15°	2636.6	2074.6	1561.6	1131.6	724.2	407.4	249.0	105.6	52.8	37.7	26.4
12.5°	2787.5	2172.7	1610.7	1199.5	795.9	433.8	271.6	120.7	56.6	37.7	26.4
10°	2942.2	2255.7	1652.1	1248.5	848.7	460.2	286.7	135.8	60.4	37.7	26.4
7.5°	3096.8	2331.1	1705.0	1271.2	871.3	490.4	294.2	150.9	60.4	41.5	26.4
5°	3202.4	2380.1	1780.4	1286.3	882.7	524.3	305.5	169.7	64.1	41.5	26.4
2.5°	3293.0	2410.3	1859.6	1297.6	886.4	543.2	301.8	181.1	67.9	41.5	26.4
0°	3334.5	2410.3	1912.4	1290.0	875.1	562.0	301.8	192.4	67.9	41.5	26.4
-2.5°	3270.3	2478.2	1897.3	1293.8	878.9	562.0	316.8	196.1	75.4	45.3	26.4
-5°	3168.5	2504.6	1852.1	1274.9	871.3	562.0	335.7	199.9	79.2	45.3	30.2
-7.5°	3070.4	2515.9	1799.3	1256.1	860.0	546.9	339.5	196.1	86.8	49.0	30.2
-10°	2942.2	2391.5	1731.4	1222.1	837.4	535.6	347.0	196.1	90.5	49.0	30.2
-12.5°	2795.1	2240.6	1648.4	1173.1	811.0	524.3	350.8	196.1	94.3	52.8	30.2
-15°	2625.3	2085.9	1554.1	1120.3	773.3	509.2	343.3	192.4	98.1	52.8	33.9
-17.5°	2433.0	1935.0	1456.0	1056.2	731.8	490.4	328.2	188.6	98.1	52.8	33.9
-20°	2214.2	1784.2	1346.6	992.0	682.7	467.7	313.1	181.1	98.1	52.8	33.9

REPORT NUMBER: P722674

CATALOG NUMBER: IFLD-M-SA4E-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	2018.0	1644.6	1233.5	920.4	629.9	441.3	294.2	173.5	98.1	56.6	33.9
-25°	1855.8	1508.8	1146.7	848.7	573.3	411.2	275.4	166.0	98.1	56.6	33.9
-27.5°	1686.1	1361.7	1056.2	780.8	535.6	384.7	256.5	158.4	94.3	56.6	33.9
-30°	1512.6	1218.4	961.9	705.4	497.9	358.3	241.4	147.1	94.3	56.6	33.9
-32.5°	1354.2	1101.4	875.1	629.9	456.4	331.9	226.3	143.3	90.5	56.6	33.9
-35°	1199.5	995.8	784.6	569.6	411.2	305.5	211.2	139.6	90.5	56.6	33.9
-37.5°	1071.3	897.7	701.6	528.1	384.7	282.9	196.1	132.0	86.8	56.6	33.9
-40°	965.6	807.2	622.4	482.8	362.1	260.3	181.1	128.2	86.8	56.6	33.9
-42.5°	867.6	720.5	573.3	445.1	339.5	245.2	169.7	124.5	83.0	56.6	33.9
-45°	780.8	645.0	524.3	411.2	313.1	226.3	162.2	116.9	79.2	56.6	37.7
-47.5°	694.1	592.2	479.0	381.0	286.7	203.7	154.7	113.2	75.4	52.8	37.7
-50°	626.2	535.6	441.3	347.0	260.3	196.1	147.1	105.6	75.4	52.8	37.7
-52.5°	565.8	482.8	399.8	313.1	237.6	184.8	139.6	98.1	71.7	52.8	37.7
-55°	509.2	433.8	358.3	279.1	222.5	173.5	128.2	90.5	71.7	52.8	37.7
-57.5°	452.6	388.5	316.8	252.7	203.7	162.2	120.7	90.5	71.7	52.8	37.7
-60°	407.4	347.0	286.7	233.9	188.6	147.1	109.4	86.8	67.9	52.8	37.7
-62.5°	369.7	313.1	260.3	211.2	173.5	132.0	105.6	86.8	67.9	52.8	33.9
-65°	331.9	282.9	233.9	192.4	154.7	124.5	101.8	83.0	67.9	52.8	33.9
-67.5°	294.2	249.0	211.2	169.7	143.3	120.7	98.1	83.0	64.1	49.0	33.9
-70°	256.5	218.8	184.8	158.4	135.8	113.2	94.3	79.2	64.1	45.3	30.2
-72.5°	226.3	192.4	166.0	147.1	128.2	109.4	90.5	75.4	60.4	41.5	26.4
-75°	192.4	169.7	150.9	132.0	116.9	101.8	86.8	67.9	52.8	37.7	26.4
-77.5°	162.2	147.1	132.0	120.7	105.6	90.5	75.4	60.4	49.0	33.9	22.6
-80°	139.6	128.2	116.9	105.6	94.3	79.2	67.9	52.8	41.5	30.2	18.9
-82.5°	113.2	105.6	94.3	86.8	79.2	67.9	56.6	45.3	30.2	22.6	15.1
-85°	86.8	79.2	75.4	67.9	60.4	49.0	37.7	30.2	22.6	15.1	7.5
-87.5°	45.3	41.5	37.7	33.9	30.2	22.6	18.9	15.1	11.3	7.5	3.8
-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: P722674

CATALOG NUMBER: IFLD-M-SA4E-930-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°	3.8	0.0	0.0	0.0
77.5°	3.8	0.0	0.0	0.0
75°	3.8	3.8	0.0	0.0
72.5°	3.8	3.8	0.0	0.0
70°	3.8	3.8	0.0	0.0
67.5°	7.5	3.8	0.0	0.0
65°	7.5	3.8	0.0	0.0
62.5°	7.5	3.8	0.0	0.0
60°	7.5	3.8	0.0	0.0
57.5°	11.3	3.8	3.8	0.0
55°	11.3	3.8	3.8	0.0
52.5°	11.3	3.8	3.8	0.0
50°	11.3	7.5	3.8	0.0
47.5°	11.3	7.5	3.8	0.0
45°	11.3	7.5	3.8	0.0
42.5°	11.3	7.5	3.8	0.0
40°	15.1	7.5	3.8	0.0
37.5°	15.1	7.5	3.8	0.0
35°	15.1	7.5	3.8	0.0
32.5°	15.1	7.5	3.8	0.0
30°	15.1	7.5	3.8	0.0
27.5°	15.1	11.3	3.8	0.0
25°	15.1	11.3	3.8	0.0
22.5°	18.9	11.3	3.8	0.0
20°	18.9	11.3	3.8	0.0
17.5°	18.9	11.3	3.8	0.0
15°	18.9	11.3	3.8	0.0
12.5°	18.9	11.3	3.8	0.0
10°	18.9	11.3	3.8	0.0
7.5°	18.9	11.3	3.8	0.0
5°	18.9	11.3	3.8	0.0
2.5°	18.9	11.3	3.8	0.0
0°	18.9	11.3	3.8	0.0
-2.5°	18.9	11.3	3.8	0.0
-5°	18.9	11.3	3.8	0.0
-7.5°	18.9	11.3	3.8	0.0
-10°	18.9	11.3	3.8	0.0
-12.5°	22.6	11.3	3.8	0.0
-15°	22.6	11.3	3.8	0.0
-17.5°	22.6	11.3	3.8	0.0
-20°	22.6	11.3	3.8	0.0

REPORT NUMBER: P722674

CATALOG NUMBER: IFLD-M-SA4E-930-U-76-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	22.6	11.3	3.8	0.0
-25°	22.6	11.3	3.8	0.0
-27.5°	22.6	11.3	3.8	0.0
-30°	22.6	11.3	3.8	0.0
-32.5°	22.6	11.3	3.8	0.0
-35°	22.6	11.3	3.8	0.0
-37.5°	22.6	11.3	3.8	0.0
-40°	22.6	11.3	3.8	0.0
-42.5°	18.9	11.3	3.8	0.0
-45°	22.6	11.3	3.8	0.0
-47.5°	22.6	11.3	3.8	0.0
-50°	22.6	11.3	3.8	0.0
-52.5°	22.6	11.3	3.8	0.0
-55°	22.6	11.3	3.8	0.0
-57.5°	22.6	11.3	3.8	0.0
-60°	22.6	11.3	3.8	0.0
-62.5°	18.9	11.3	3.8	0.0
-65°	18.9	7.5	3.8	0.0
-67.5°	18.9	7.5	3.8	0.0
-70°	18.9	7.5	3.8	0.0
-72.5°	15.1	7.5	3.8	0.0
-75°	15.1	7.5	3.8	0.0
-77.5°	11.3	3.8	0.0	0.0
-80°	11.3	3.8	0.0	0.0
-82.5°	7.5	3.8	0.0	0.0
-85°	3.8	3.8	0.0	0.0
-87.5°	3.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)